



Rijksdienst voor Ondernemend
Nederland

Nederland

De industriële eigendom

Inleiding

Hoofdblad

Het Blad de Industriële Eigendom verschijnt op de derde werkdag van een week. Indien Octrooicentrum Nederland op deze dag is gesloten, wordt de verschijningsdag van het blad verschoven naar de eerstvolgende werkdag, waarop Octrooicentrum Nederland is geopend. Het blad verschijnt alleen in elektronische vorm. Elk nummer van het blad bestaat uit 14 rubrieken.

Bijblad

Verschijnt vier keer per jaar (januari, april, juli, oktober) in elektronische vorm via www.rvo.nl/octrooien. Het Bijblad bevat officiële mededelingen en andere wetenswaardigheden waarmee Octrooicentrum Nederland en zijn klanten te maken hebben.

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Introduction

Patent Bulletin

The Patent Bulletin appears on the 3rd working day of each week. If the Netherlands Patent Office is closed to the public on the above mentioned day, the date of issue of the Bulletin is the first working day thereafter, on which the Office is open. Each issue of the Bulletin consists of 14 headings.

Official Journal

Appears four times a year (January, April, July, October) in electronic form on the www.rvo.nl/octrooien. The Official Journal contains announcements and other things worth knowing for the benefit of the Netherlands Patent Office and its customers.

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Inhoudsopgave	Blz. Content	Page
Rubriek NP1 Bevat gegevens betreffende octrooiaanvragen die zijn ingeschreven op grond van de Octrooiwet 1995.	7 Heading NP1 Contains data concerning Netherlands patent applications which have been entered in the patent register under the Patents Act 1995.	7
Rubriek NP2 Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	10 Heading NP2 Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	10
Rubriek NP3 Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995.	13 Heading NP3 Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995.	13
Rubriek EP1 Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen.	14 Heading EP1 Contains data concerning translations of the conclusions of European patent applications.	14
Rubriek EP2 Bevat gegevens betreffende voor Nederland verleende Europese octrooien.	15 Heading EP2 Contains data concerning European patents granted for The Netherlands.	15
Rubriek EP3 Bevat gegevens betreffende voor Nederland verleende Europese octrooien waarvoor een vertaling is ingediend conform artikel 52 lid 1 of 6 van de Octrooiwet 1995.	341 Heading EP3 Contains data concerning European patents granted for The Netherlands in which a translation was filed confirm Article 52 par. 1 or 6 of the Patents Act 1995.	341
Rubriek EP4 Bevat gegevens betreffende voor Nederland verleende gewijzigde Europese octrooien.	380 Heading EP4 Contains data concerning European patents granted in amended form for the Netherlands.	380
Rubriek EP5 Bevat gegevens betreffende voor Nederland verleende gewijzigde	382 Heading EP5 Contains data concerning European patents granted in amended form for	382

Europese octrooien waarvoor een gewijzigde vertaling is ingediend.	The Netherlands in which an amended translation was filed.	
Rubriek SPC Bevat gegevens betreffende ingeschreven en verleende certificaten	383Heading SPC Contains data concerning applications for- or granted Supplementary Protection Certificates.	383
Rubriek VB1 Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.	384Heading VB1 Contains data concerning requests and notices of opposition under the General administrative law.	384
Rubriek VB2 Bevat gegevens betreffende rechten waarin een beslissing is genomen of waarvoor een nieuwheidsrapport is uitgegaan op een verzoek- of bezwaarschrift conform de Octrooiwet 1995.	388Heading VB2 Contains data concerning requests and notices of opposition under the General administrative law in respect of which a decision has been taken or in respect for which a report has been made.	388
Rubriek MED Bevat gegevens betreffende overige mededelingen.	389Heading MED Contains data concerning other communications.	389
Rubriek VRV Bevat gegevens betreffende verval of nietigverklaring.	390Heading VRV Contains data concerning lapse or annulment.	390
Rubriek VRB Bevat gegevens betreffende verbeteringen op eerdere publicaties.	423Heading VRB Contains data concerning corrections on earlier publications.	423
Rubriek CO Bevat gegevens betreffende wijzigingen in het octrooiregister.	424Heading CO Contains data concerning changes in the Netherland patent register.	424
Rubriek TVH Bevat gegevens betreffende topografieën van halfgeleiderproducten.	440Heading TVH Contains data concerning depots of original topographies of semi-conductor products.	440

Overzicht van Inid codes

INID CODES

Inid codes worden gebruikt op de voorpagina van octrooigeschriften en in octroibulletins. Ze dienen om de verschillende bibliografische gegevens te kunnen begrijpen zonder kennis te hebben van de taal. INID is een acronym van Internationally agreed Numbers for Identification of Data. De definities van INID codes wordt gegeven in de WIPO standaard ST. 9.

- (11) Octrooinummer
- (13) Soort document volgens WIPO standaard 16
- (15) Correctie informatie
- (21) Octrooiaanvraagnummer
- (22) Datum van indiening
- (23) Datum tentoonstelling
- (25) Taal van indiening
- (26) Taal waarin de aanvraag is gepubliceerd
- (30) Voorranggegevens
- (31) Nummer voorrang
- (32) Datum voorrang
- (33) Land van herkomst voorrang
- (34) Oorspronkelijk land van indiening
- (40) Datum van inschrijving
- (41) Datum van inschrijving van een octrooiaanvraag
- (42) Datum van inschrijving van een onderzochte aanvraag (openbaarmaking)
- (43) Datum waarop de aanvraag ter inzage is gelegd

INID CODES

"INID" Codes are used on the front pages of patent documents and in official gazettes to identify various bibliographic data items without knowledge of the language used and the industrial property laws applied. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". The INID Codes are usually given in parenthesis adjacent to the appropriate bibliographic data item. The definitions of the INID Codes are given in WIPO Standard ST. 9 (as of November 1998) and are listed below:

- (11) Patent number
- (13) Kind of document code according to WIPO standard ST.16
- (15) Patent correction information
- (21) Application number
- (22) Date(s) of filing application(s)
- (23) Date of exhibition
- (25) Language in which the published application was originally filed
- (26) Language in which the application is published
- (30) Priority Data
- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filling of priority application(s)
- (33) WIPO Standard ST.3 Code indentifying the national patent office allotting the priority application number or the organization allotting the regional priority application number: for international applications filed under the PCT, the code "WO" is used.
- (34) For priority fillings under the regional or international arrangements, the WIPO Standard ST.3 Code indentifying at least one country party to the Paris Union for which the regional or international application was made.
- (40) Date(s) of making available to the public
- (41) Date of making available to the public by viewing, or copying on request an unexamined patent document, on which no grant has taken place on or before the said date.
- (42) Date of making available to the public by viewing, or copying on request an examined patent document, on which no grant has taken place on or before the said date.
- (43) Date of publication by printing or similar process of anexamined document on which no grant has taken place on or before said date

(44) Datum van openbaarmaking	(44) Date of publication by printing or similar process of an examined document on which no grant has taken place on or before said date
(45) Datum van kracht worden van een Europees octrooi in Nederland	(45) Date of publication by printing or similar process of a document on which no grant has taken place on or before said date
(46) Inschrijvingsdatum conclusies	(46) Date of publication by printing or similar process of the claim(s) only of a document
(47) Verleningsdatum octrooi	(47) Date from which the patent takes effect
(48) Datum waarop een verbetering van een octrooi is uitgegeven	(48) Date of issuance of a corrected patent document
(51) Internationale Octrooi classificatie	(51) International Patent Classification
(54) Korte aanduiding	(54) Title of the invention
(62) Nummer moeder aanvraag	(62) Number and, if possible, filing date of the earlier application from which the present document has been divided out
(68) Nummer basis octrooi	(68) Number of the basic patent
(71) Naam aanvrager(s)	(71) Name(s) of the applicant(s)
(72) Naam uitvinder(s)	(72) Name(s) of the inventor(s) if known to be such
(73) Naam octrooihouder(s)	(73) Name(s) of grantee(s)
(74) Naam gemachtigde	(74) Name(s) of the attorney(s) or agent(s)
(75) Naam van uitvinders die tevens aanvrager zijn	(75) Name(s) of inventor(s) who is (are) also application(s)
(81) Aangewezen landen volgens de PCT	(81) Designated States(s) according to the PCT
(83) Informatie over micro organismen	(83) Information concerning the deposit of microorganisms
(84) Aangewezen landen bij regionale octrooien	(84) Designated Contracting States under regional patent conventions
(86) Nummer van omgezette aanvraag	(86) Application number of a PCT-application or number of European patent which is converted into a national application
(87) Datum en nummer van een PCT aanvraag	(87) Publication date and number of a PCT application
(92) Certificaten: nummer en datum van de eerste nationale vergunning voor een geneesmiddel	(92) For an SPC, number and date of the first national authorization to place the product on the market as a medicinal product
(93) Datum en nummer van de eerste EU vergunning voor een geneesmiddel	(93) For an SPC, number and date and where applicable, country of origin, of the first authorization to place the product on the market as a medicinal product within a regional economic community
(94) Expiratiedatum voor een topografie	(94) Calculated date of expiry of the topography
(95) Certificaten: naam van het product	(95) Name of the product protected by the basic patent and in respect of which the SPC has been applied for or granted

Rubrieken/Headings

NP1

**Nederlandse octrooiaanvragen die zijn ingeschreven op grond van de Octrooiwet 1995.
Contains data concerning Netherlands patent applications which have been entered in the
patent register under the Patents Act 1995.**

(51) A01B 39/14 A01M 7/00 A01D 33/00 A01D 33/06	(51) A23L 5/20 A23C 21/00 A23K 10/30 (21) 2019228 (22) 11.07.2017	(41) 25.01.2019 (51) B63B 35/44 E21B 15/02 (21) 2019225 (22) 11.07.2017
(21) 1042461 (22) 12.07.2017 (54) A method for combined mechanical haulm puling and root undercutting combined with sensor controlled precision chemical spot treatment application system for potato haulm killing	(54) METHOD FOR EXTRACTING SALT FROM A COMPOSITION COMPRISING ORGANIC MATTER (71) Stichting Wageningen Research (74) ir. P.J. Hyalrides c.s. (72) Johan Pieter Marinus Sanders Koen Peter Henri Meesters	(54) VESSEL AND METHOD TO PERFORM SUBSEA WELLBORE RELATED OPERATIONS (71) Itrec B.V. (74) ir. H.V. Mertens c.s. (72) Diederick Bernardus Wijning Joop Roodenburg
(71) Piet Regnerus mba Wilko Regnerus (72) Piet Regnerus Wilko Regnerus (41) 28.01.2019	(41) 25.01.2019 (51) A47J 31/36 B65D 85/804 (21) 2019253 (22) 14.07.2017	(41) 25.01.2019 (51) B63C 11/52 G06T 1/00 G01C 13/00 (21) 2019223 (22) 11.07.2017
(51) A01F 15/04 A01B 73/00 B65D 88/12 B30B 9/30 (21) 2021268 (22) 09.07.2018 (54) BALING PRESS FOR STRAW-LIKE OR FIBRE-LIKE MATERIALS	(54) Assembly of a capsule and a brew chamber, brew chamber, beverage preparation machine, capsule and use of a capsule. (71) Koninklijke Douwe Egberts B.V. (74) ir. C.M. Jansen c.s. (72) Ralf Kamerbeek Hielke Dijkstra Arend Hendrik Groothornte Erik Pieter van Gaasbeek	(22) 11.07.2017 (54) Underwater Observation Unit and System (71) Fugro Technology B.V. (74) ir. M.F.J.M. Ketelaars c.s. (72) Arnoud Marc Jongsma Dennis van Weeren Aris Lubbes (41) 25.01.2019
(71) SonnenKlee GmbH Spezialmaschinenbau Korntheuer GmbH (74) mr. dr. H.D. Dokter (72) Martin Matzenberger Matthias Korntheuer (31) GM 164/2017 (32) 14.07.2017 (33) Austria	(41) 28.01.2019 (51) A61F 5/56 (21) 1042463 (22) 14.07.2017 (54) Inrichting tegen snurken, apneu etc., omvattende koppelbare platen, passend op de gebitselementen (71) Snorefree B.V. (72) Roland Anthonius Eugene Menheere Remko Arjen Visser	(41) 25.01.2019 (51) C09D 9/00 (21) 2019230 (22) 11.07.2017 (54) Siliconenkitverwijderaar (71) HG International B.V. (74) ir. C.M. Jansen c.s. (72) Pieter Sijbren Stienstra (41) 25.01.2019
(51) A01P 3/00 A01N 37/44 A01N 61/00 A01N 63/00 (21) 2019250 (22) 14.07.2017 (54) METHOD FOR DISINFESTATION OF SOIL INFESTED WITH FUSARIUM OXYSPOURUM F.SP. CUBENSE	(41) 28.01.2019 (51) A63B 69/18 (21) 2019242 (22) 13.07.2017 (54) Skittrainer (71) Hanzn B.V. Fecon Management B.V. (74) drs. A.A. Jilderda (72) Henri Johan Cornelis Savalle Henricus Johannes Gerhardus Maria Feijen	(51) C09K 5/06 F25D 3/06 F28D 20/02 (21) 2019249 (22) 14.07.2017 (54) Thermische accu (71) BoTemp B.V. (74) ir. J.M.G. Dohmen c.s. (72) Saskia Cecilia Maria van Bohemen Rens Kamphorst (41) 28.01.2019
(71) Thatchtec B.V. (74) dr. A. Ellens c.s. (72) Herman Feil Henk Meints Gerrit Haatje Jan Kema (41) 28.01.2019	(41) 28.01.2019 (51) B60N 2/28 B60N 2/90 (21) 2019227 (22) 11.07.2017 (54) A child vehicle seat as well as an inlay for such a child vehicle seat (71) Maxi Miliaan B.V. (74) ir. C.G.C. Veldman-Dijkers (72) Dennis Olfers Hsin-Geng Lin	(41) 25.01.2019 (51) C12C 5/02 (21) 2019244 (22) 13.07.2017 (54) Werkwijze voor het vervaardigen van een nieuw bier met bestaand bier als uitgangproduct (71) Maarten Johannes van Asbeck (74) ir. G.J.M. Verhees (72) Maarten Johannes van Asbeck (41) 28.01.2019 (51) E01C 5/00 (21) 2021300 (22) 13.07.2018

(54) Wegplaat voor een fietspad, alsmede combinatie van twee dergelijke wegplaten en een koppellement	(72) Johannes Sofeiang Daschveld	(31) US15/648,931
(71) Lauka Holding B.V.	(41) 25.01.2019	(32) 13.07.2017
(74) ir. G.J.M. Verhees	(51) G03F 7/20	(33) United States of America
(72) Johannes Hermanus Cornelis Henricus Swaans	(21) 2021195	(51) H01J 37/20
(31) 2019283	(22) 28.06.2018	(21) 2019247
(32) 19.07.2017	(54) CONTROL OF RETICLE PLACEMENT FOR DEFECTIVITY OPTIMIZATION	(22) 14.07.2017
(33) Netherlands	(71) ASML Holding N.V.	(54) Cryotransfer system
(51) E04G 21/18	(74) ir. A.J. Maas	(71) HennyZ B.V.
(21) 2019245	(72) Aage Bendiksen	(74) mr. ir. J. van Breda c.s.
(22) 13.07.2017	Andrew Judge	(72) Hendrik Willen Zandbergen
(54) Hulpmiddel voor het metselen	Pedro Julian Rizo Diago	(41) 28.01.2019
(71) W.H.E.G. Bukkens Holding B.V.	(31) 62/535,508	(51) H01L 25/00
(74) ir. G.J.M. Verhees	(32) 21.07.2017	(21) 2021292
(72) Rob Petrus Wilhelmus Bukkems	(33) United States of America	(22) 12.07.2018
(41) 28.01.2019	(51) G03F 7/20	(54) ELECTRONIC MODULE
(51) E04G 23/02	(21) 2021057	(71) Shindengen Electric Manufacturing Co., Ltd
E04B 1/68	(22) 05.06.2018	(74) mr. drs. A.J.W. Hooiveld c.s.
E04G 21/18	(54) Method to obtain a height map of a substrate having alignment marks, Substrate alignment measuring apparatus and Lithographic apparatus	(72) Kosuke Ikeda
(21) 2019231	(71) ASML Netherlands B.V.	Osamu Matsuzaki
(22) 11.07.2017	(74) ir. A.J. Maas	(31) PCT/JP2017/025640
(54) Crack introducer and concrete assembly comprising such a crack introducer.	(72) Bram van Hoof	(32) 14.07.2017
(71) Koninklijke BAM Groep N.V.	Petrus Franciscus van Gils	(33) Japan
(74) ir. H.V. Mertens c.s.	Arjan Hölscher	(51) H01L 25/00
(72) Robert Hendrikus Cornelius van Berkel Johannes Adrianus Bolhuis	Alex Pascal ten Brink	(21) 2021293
(41) 25.01.2019	(31) 17181378.5	(22) 12.07.2018
(51) E05B 47/00	17204344.0	(54) ELECTRONIC MODULE
(21) 2021373	(32) 14.07.2017	(71) Shindengen Electric Manufacturing Co., Ltd
(22) 20.07.2018	29.11.2017	(74) mr. drs. A.J.W. Hooiveld c.s.
(54) MAGNEETSCHOOTSLOT EN KIT	(33) European Patent Office (EPO)	(72) Kosuke Ikeda
(71) Van Leeuwen Agenturen B.V.	European Patent Office (EPO)	Osamu Matsuzaki
(74) ir. F.E. Hoeben	(51) G03F 7/20	(31) PCT/JP2017/025644
(72) Henk-Julian Peperkamp	G03F 1/62	(32) 14.07.2017
(31) nl2019309	(21) 2021155	(33) Japan
(32) 20.07.2017	(22) 20.06.2018	(51) H01L 25/00
(33) Netherlands	(54) Optical Membrane	(21) 2021291
(51) F03D 13/20	(71) ASML Netherlands B.V.	(22) 12.07.2018
E04H 12/12	(74) ir. A.J. Maas	(54) ELECTRONIC MODULE
(21) 1042464	(72) Paul Janssen	(71) Shindengen Electric Manufacturing Co., Ltd
(22) 14.07.2017	Stoyan Nihtianov	(74) mr. drs. A.J.W. Hooiveld c.s.
(54) Werkwijze voor het bouwen van een windturbinemast en/of één windturbine door middel van mastringen en spankabels, alsmede een windturbinemast of windturbine gebouwd conform die werkwijze	Marcus Adrianus van de Kerkhof	(72) Kosuke Ikeda
(71) Astraeus BV	Vahid Mohammadi	Osamu Matsuzaki
(72) Ing. Adrianus Pieter de Koning	Pieter-Jan van Zwol	(31) PCT/JP2017/025641
(41) 28.01.2019	Alexandar Nikolov Zdravkov	(32) 14.07.2017
(51) F24F 5/00	(31) 17182609.2	(33) Japan
F04D 29/70	17189037.9	(51) H01L 31/02
(21) 1042465	(32) 21.07.2017	H01L 31/107
(22) 14.07.2017	01.09.2017	H04B 10/11
(54) KOELINRICHTING VOOR EEN VENTILATOR	(33) European Patent Office (EPO)	H04B 10/112
(71) Tansel Kömçü	European Patent Office (EPO)	H04B 10/116
(72) Tansel Kömçü	(51) G03F 7/20	(21) 2021279
(41) 28.01.2019	H01J 37/147	(22) 10.07.2018
(51) F42B 4/20	(21) 2021301	(54) Sensor Front End
(21) 2019222	(22) 13.07.2018	(71) Fugro Technology B.V.
(22) 11.07.2017	(54) CHARGED PARTICLE BEAM DEVICE, CHARGED PARTICLE BEAM INFLUENCING DEVICE, AND METHOD OF OPERATING A CHARGED PARTICLE BEAM DEVICE	(74) ir. M.F.J.M. Ketelaars c.s.
(54) Consumer firework launching device	(71) ICT Integrated Circuit Testing Gesellschaft für Halbleiterprüftechnik mbH	(72) Arnoud Marc Jongsma
(71) Dassie Las-werk	(74) ir. J.M.G. Dohmen c.s.	Dennis van Weeren
(74) ir. C.M. Jansen c.s.	(72) Dieter Winkler	Joachim Ulrich Seibert
	Guy Eytan	(31) 2019224
	Zvi Nir	(32) 11.07.2017
		(33) Netherlands
		(51) H01L 31/05
		H01L 25/04
		H01L 51/42
		H01L 31/043
		(21) 2019226
		(22) 11.07.2017

- (54) Solar panel with four terminal tandem solar cell arrangement
(71) Stichting Energieonderzoek Centrum Nederland
(74) ir. M.F.J.M. Ketelaars c.s.
(72) Johannes Adrianus Maria van Roosmalen
Siegfried Christiaan Veenstra
Dong Zhang
Markus Johan Jansen
(41) 28.01.2019
-
- (51) H04B 13/02
H04B 10/112
(21) 2019224
(22) 11.07.2017
(54) Underwater Wireless Optical Communication Unit and System
(71) Fugro Technology B.V.
(74) ir. M.F.J.M. Ketelaars c.s.
(72) Arnoud Marc Jongsma
Dennis van Weeren
Aris Lubbes
(41) 25.01.2019
-

NP2

**Ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.
Contains data concerning Netherlands patents which have been entered in the patent
register under the Patents Act 1995.**

(51) A01B 39/14 A01M 7/00 A01D 33/00 A01D 33/06	Weijun Wang Lingen Yu Liang Yu Ruina Zhu Jinyan Gong Like Zhu	(72) Henri Johan Cornelis Savalle Henricus Johannes Gerhardus Maria Feijen
(11) 1042461 (47) 28.01.2019 (22) 12.07.2017	(74) ir. M.B. Plaggenborg	(74) drs. A.A. Jilderda
(54) A method for combined mechanical haulm puling and root undercutting combined with sensor controlled precision chemical spot treatment application system for potato haulm killing	(51) A23G 9/26 A23G 9/50 (11) 2019232 (47) 28.01.2019 (22) 11.07.2017	(51) B23B 41/12 (11) 2020705 (47) 28.01.2019 (22) 03.04.2018
(73) Piet Regnerus mba Wilko Regnerus	(54) CONFECTION PACKAGE	(54) APPARATUS AND METHOD FOR MACHINING COUNTERWEIGHT BORES ON A CRANKSHAFT OF AN INTERNAL COMBUSTION ENGINE
(72) Piet Regnerus Wilko Regnerus	(73) PIXSWEET B.V. (72) Eduard Willem Zanen (74) ir. M. Cramwinckel	(73) MAN Diesel & Turbo SE (72) Sven Wilder Peter Heimsoth (74) ir. P.J. Hylarides c.s. (31) 10 2017 107 301.9 (32) 05.04.2017 (33) Germany
(51) A01M 9/00 A01G 13/10 A01K 67/033 A01G 9/14	(51) A23L 5/20 A23C 21/00 A23K 10/30 (11) 2019228 (47) 25.01.2019 (22) 11.07.2017	(51) B29C 65/08 B65B 9/20 (11) 2020874 (47) 25.01.2019 (22) 03.05.2018
(11) 2020396 (47) 28.01.2019 (22) 07.02.2018	(54) METHOD FOR EXTRACTING SALT FROM A COMPOSITION COMPRISING ORGANIC MATTER	(54) EXCHANGEABLE ULTRASONIC WELDING MODULE FOR WELDING LONGITUDINAL REINFORCING FOLDS IN PACKAGING FILM INSIDE PACKAGING MACHINE AND METHOD OF ITS USE
(54) Improved method and device for distributing a particulate material	(73) Stichting Wageningen Research (72) Johan Pieter Marinus Sanders Koen Peter Henri Meesters (74) ir. P.J. Hylarides c.s.	(73) VELTEKO s.r.o. (72) František Šmíd Miloslav Zajíc Roman Jiroušek (74) ir. P.J. Hylarides c.s.
(73) KOPPERT B.V. (72) Arend Veenman (74) ir. H.Th. van den Heuvel c.s. (31) 17075002.0 (32) 07.02.2017 (33) European Patent Office (EPO)	(51) A47J 31/36 B65D 85/804 (11) 2019253 (47) 28.01.2019 (22) 14.07.2017	(73) CZ2017-251 (32) 04.05.2017 (33) Czech Republic
(51) A01P 3/00 A01N 37/44 A01N 61/00 A01N 63/00	(54) Assembly of a capsule and a brew chamber, brew chamber, beverage preparation machine, capsule and use of a capsule.	(51) B60N 2/28 B60N 2/90 (11) 2019227 (47) 25.01.2019 (22) 11.07.2017
(11) 2019250 (47) 28.01.2019 (22) 14.07.2017	(73) Koninklijke Douwe Egberts B.V. (72) Ralf Kamerbeek Hielke Dijkstra Arend Hendrik Groothornte Erik Pieter van Gaasbeek (74) ir. C.M. Jansen c.s.	(54) A child vehicle seat as well as an inlay for such a child vehicle seat
(54) METHOD FOR DISINFESTATION OF SOIL INFESTED WITH FUSARIUM OXYSPOURUM F.SP. CUBENSE	(51) A61F 5/56 (11) 1042463 (47) 28.01.2019 (22) 14.07.2017	(73) Maxi Miliaan B.V. (72) Dennis Olfers Hsin-Geng Lin (74) ir. C.G.C. Veldman-Dijkers
(73) Thatchtec B.V. (72) Herman Feil Henk Meints Gerrit Haatje Jan Kema (74) dr. A. Ellens c.s.	(54) Inrichting tegen snurken, apneu etc., omvattende koppelbare platen, passend op de gebitselementen	(51) B62K 3/04 B62M 6/90 B62J 9/00 B62K 19/06 B62K 19/40 B62J 99/00 (11) 2020841 (47) 28.01.2019 (22) 26.04.2018
(51) A23C 9/123 (11) 2020932 (47) 28.01.2019 (22) 15.05.2018	(73) Snorefree B.V. (72) Roland Anthonius Eugene Menheere Remko Arjen Visser	(54) FRAME VOOR EEN RIJWIEL, CONNECTOR EN RIJWIEL
(54) METHOD FOR ADJUSTING THE FLAVOR OF YOGURT WITH LACTOBACILLUS CASEI	(51) A63B 69/18 (11) 2019242 (47) 28.01.2019 (22) 13.07.2017	(73) VANMOOF B.V.
(73) ZHEJIANG UNIVERSITY OF SCIENCE AND TECHNOLOGY ZHEJIANG INM FOOD Co. Ltd.	(54) Skitrainer	
(72) Gongnian Xiao Bo Chen Haina Yuan	(73) Hanzn B.V. Fecon Management B.V.	

(72) Ties Jonan Midas Carlier	(51) C12C 5/02	(22) 14.07.2017
(74) ir. F.E. Hoeben	(11) 2019244	(54) KOELINRICHTING VOOR EEN
(31) 2018795	(47) 28.01.2019	VENTILATOR
2020780	(22) 13.07.2017	(73) Tansel Kmc
(32) 26.04.2017	(54) Werkwijze voor het vervaardigen van	(72) Tansel Kmc
17.04.2018	een nieuw bier met bestaand bier als	(51) F42B 4/20
(33) Netherlands	uitgangsproduct	(11) 2019222
Netherlands	(73) Maarten Johannes van Asbeck	(47) 25.01.2019
(51) B63B 35/44	(72) Maarten Johannes van Asbeck	(22) 11.07.2017
E21B 15/02	(74) ir. G.J.M. Verhees	(54) Consumer firework launching device
(11) 2019225	(51) E04G 21/18	(73) Dassie Las-werk
(47) 25.01.2019	(11) 2019245	(72) Johannes Sofeiang Daschveld
(22) 11.07.2017	(47) 28.01.2019	(74) ir. C.M. Jansen c.s.
(54) VESSEL AND METHOD TO PERFORM	(22) 13.07.2017	(51) G08G 1/017
SUBSEA WELLBORE RELATED	(54) Hulpmiddel voor het metselen	G06K 19/07
OPERATIONS	(73) W.H.E.G. Bukkens Holding B.V.	B60R 13/10
(73) Itrec B.V.	(72) Rob Petrus Wilhelmus Bukkens	(11) 1042756
(72) Diederick Bernardus Wijning	(74) ir. G.J.M. Verhees	(47) 25.01.2019
Joop Roodenburg	(51) E04G 23/02	(22) 19.02.2018
(74) ir. H.V. Mertens c.s.	E04B 1/68	(54) Kentekendocument met gentegreerde RFID-
(51) B63C 11/52	E04G 21/18	chip.
G06T 1/00	(11) 2019231	(73) Tag economy
G01C 13/00	(47) 25.01.2019	Frederik Joseph Romkens
(11) 2019223	(22) 11.07.2017	(72) Frederik Joseph Romkens
(47) 25.01.2019	(54) Crack introducer and concrete assembly	(31) 1042286
(22) 11.07.2017	comprising such a crack introducer.	(32) 02.03.2017
(54) Underwater Observation Unit and System	(73) Koninklijke BAM Groep N.V.	(33) Netherlands
(73) Fugro Technology B.V.	(72) Robert Hendrikus Cornelius van Berkel	(51) H01J 37/20
(72) Arnoud Marc Jongsma	Johannes Adrianus Bolhuis	(11) 2019247
Dennis van Weeren	(74) ir. H.V. Mertens c.s.	(47) 28.01.2019
Aris Lubbes	(51) F03D 13/20	(22) 14.07.2017
(74) ir. M.F.J.M. Ketelaars c.s.	E04H 12/12	(54) Cryotransfer system
(51) B65D 85/50	(11) 1042464	(73) HennyZ B.V.
A47G 7/00	(47) 28.01.2019	(72) Hendrik Willen Zandbergen
A01G 5/04	(22) 14.07.2017	(74) mr. ir. J. van Breda c.s.
B65D 21/032	(54) Werkwijze voor het bouwen van een	(51) H01L 31/05
B65D 25/04	windturbinemast en/of en windturbine	H01L 25/04
B65D 5/48	door middel van mastringen en spankabels,	H01L 51/42
(11) 2018808	alsmede een windturbinemast of windturbine	H01L 31/043
(47) 25.01.2019	gebouwd conform die werkwijze	(11) 2019226
(22) 28.04.2017	(73) Astraeus BV	(47) 28.01.2019
(54) Vakverdeling	(72) Ing. Adrianus Pieter de Koning	(22) 11.07.2017
(73) Henricus Arnoldus Petrus Verschuure	(51) F16L 19/06	(54) Solar panel with four terminal tandem solar
(72) Henricus Arnoldus Petrus Verschuure	F16L 33/035	cell arrangement
(74) ir. C.M. Jansen c.s.	F16L 33/207	(73) Stichting Energieonderzoek Centrum
(31) 2018367	F16L 27/08	Nederland
(32) 13.02.2017	F16L 55/16	(72) Johannes Adrianus Maria van Roosmalen
(33) Netherlands	F24F 1/26	Siegfried Christiaan Veenstra
(51) C09D 9/00	(11) 2020085	Dong Zhang
(11) 2019230	(47) 25.01.2019	Markus Johan Jansen
(47) 25.01.2019	(22) 14.12.2017	(74) ir. M.F.J.M. Ketelaars c.s.
(22) 11.07.2017	(54) UNIVERSAL DEVICE FOR THE	(51) H02J 3/38
(54) Siliconenkitverwijderaer	REPLACEMENT OF WORN OR	H02J 3/32
(73) HG International B.V.	LACERATED PARTS OF CONNECTING	H02J 7/35
(72) Pieter Sijbren Stienstra	CONDUITS BETWEEN COMPONENTS	(11) 2020223
(74) ir. C.M. Jansen c.s.	OF CLIMATE CONTROL, COOLING OR	(47) 25.01.2019
(51) C09K 5/06	HYDRAULIC SYSTEMS	(22) 02.01.2018
F25D 3/06	(73) Flexin Group S.R.L.	(54) An Automatic Charge-Controlled Solar
F28D 20/02	(72) Mirco Giovannini	Energy Saving Street Light
(11) 2019249	(74) ir. P.J. Hylarides c.s.	(73) Zhuhai Hengqin Qi-Xiang Technology Co.,
(47) 28.01.2019	(31) 202016000130323	Ltd.
(22) 14.07.2017	(32) 22.12.2016	(72) Xuan Zhu
(54) Thermische accu	(33) Italy	(74) dr. J. van Straaten
(73) BoTemp B.V.	(51) F24F 5/00	(31) 201710007988.8
(72) Saskia Cecilia Maria van Bohemen	F04D 29/70	(32) 05.01.2017
Rens Kamphorst	(11) 1042465	(33) China
(74) ir. J.M.G. Dohmen c.s.	(47) 28.01.2019	(51) H04B 13/02

H04B 10/112

- (11) 2019224
- (47) 25.01.2019
- (22) 11.07.2017
- (54) Underwater Wireless Optical Communication Unit and System
- (73) Fugro Technology B.V.
- (72) Arnoud Marc Jongsma
Dennis van Weeren
Aris Lubbes
- (74) ir. M.F.J.M. Ketelaars c.s.

- (51) H05B 33/08
F21V 23/04
- (11) 2015840
- (47) 28.01.2019
- (22) 23.11.2015
- (54) LED driver circuit with stepwise adjustable power and LED lighting tube.
- (73) Huizhou Xindi Energy Saving and Environmental Protection Technology Co., Ltd.
- (72) Haibin Cai
Wenhong Ling
- (74) ir. A.E. Dekker-Garms
- (31) 201510457766.7
- (32) 30.07.2015
- (33) China

NP3

**Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995..
Contains data concerning Netherlands patents which have been entered in the patent
register (after limitation procedure) under the Patents Act 1995.**

EP1

Vertaalde conclusies van Europese octrooiaanvragen.

Contains data concerning translations of the claims of European patent applications.

EP2

Voor Nederland verleende Europese octrooien.

Contains data concerning European patents granted for The Netherlands.

(51) A01B 29/04 B60C 7/24 B60C 11/03 B60C 17/00 B60C 7/14 B60C 7/12	(51) A01C 15/12 (11) EP3138375 (21) EP16186438.4 (47) 30.01.2019 (22) 30.08.2016 (54) METERING DEVICE FOR A PARTICLE DELIVERY SYSTEM FOR AN AGRICULTURAL MACHINE, AND CORRESPONDING DISPENSING SYSTEM	(11) EP3210455 (21) EP17158050.9 (47) 23.01.2019 (22) 27.02.2017 (54) LAWN MOWER (73) Honda Motor Co., Ltd. (72) KURIYAGAWA, Koji YOSHIMURA, Hajime
(11) EP2730155 (21) EP13191776.7 (47) 23.01.2019 (22) 06.11.2013 (54) Semi-hollow tyre with improved profile and rolling device provided with such tyres	(73) Sulky Burel (72) LOISELEUR, Frédéric (31) 1558143 (32) 02.09.2015 (33) France	(31) 2016037306 (32) 29.02.2016 (33) Japan
(73) OTICO (72) Phely, Olivier Piou, Denis	(51) A01C 17/00 A01C 21/00	(51) A01D 34/86 A01G 3/04
(31) 1202979 (32) 07.11.2012 (33) France	(11) EP3017674 (21) EP15401109.2 (47) 30.01.2019 (22) 30.10.2015 (54) METHOD FOR MEASURING THE MASS FLOW RATE OF A DISTRIBUTING MACHINE	(11) EP3262916 (21) EP17175686.9 (47) 23.01.2019 (22) 13.06.2017 (54) ROTATING DISC MOWER WITH A LIGHTENED SIDE MOWING BAR (73) BCS S.p.A. (72) GILARDI, Roberto (31) UA20164749 (32) 29.06.2016 (33) Italy
(51) A01B 69/00 A01B 79/00 (11) EP2944171 (21) EP15401040.9 (47) 30.01.2019 (22) 05.05.2015 (54) AGRICULTURAL WORKING MACHINE (73) Amazonen-Werke H. Dreyer GmbH & Co. KG	(73) Amazonen-Werke H. Dreyer GmbH & Co. KG (72) Rahe, Florian Wessels, Thomas Ströbel-Fröschle, Markus	(51) A01D 41/12 (11) EP3108737 (21) EP16175748.9 (47) 30.01.2019 (22) 22.06.2016 (54) CHAFF SPREADER ASSISTED BY CROSS-BLOWN AIRFLOW (73) CNH Industrial Belgium nv (72) Diltz, Mark D. Duquesne, Frank R. G. Maes, Eli Fauconnier, Dieter Desmet, Stefaan
(72) Mindrup, Tobias Wessels, Thomas Enge, Tobias	(31) 102014116020 (32) 04.11.2014 (33) Germany	(31) 201514747647 (32) 23.06.2015 (33) United States of America
(31) 102014106775 (32) 14.05.2014 (33) Germany	(51) A01D 34/00 A01D 34/63 A01D 43/063	(51) A01D 41/127 A01D 41/06 G06Q 10/06 G06Q 50/02
(51) A01C 1/06 (11) EP3128826 (21) EP15719959.7 (47) 30.01.2019 (87) EP2015000732 15.10.2015 (22) 07.04.2015 (54) SEED MATERIAL PELLETS (73) Instant Seed GmbH (72) KRECISZ, Adam	(11) EP3210450 (21) EP17158040.0 (47) 23.01.2019 (22) 27.02.2017 (54) LAWN MOWER (73) Honda Motor Co., Ltd. (72) KURIYAGAWA, Koji YOSHIMURA, Hajime	(11) EP3125670 (21) EP15774051.5 (47) 23.01.2019 (87) US2015023949 08.10.2015 (22) 01.04.2015 (54) AGRICULTURAL IMPLEMENT OPERATOR MONITORING METHODS (73) The Climate Corporation (72) KOCH, Justin FRANK, William SAUDER, Doug
(31) 102014005451 (32) 07.04.2014 (33) Germany	(31) 2016037050 (32) 29.02.2016 (33) Japan	(31) 201461973593 P (32) 01.04.2014 (33) United States of America
(51) A01C 7/06 A01C 21/00 (11) EP2515626 (21) EP10839889.2 (47) 23.01.2019 (87) SE2010051415 30.06.2011 (22) 17.12.2010 (54) METHOD AND DEVICE AT A PLANTER OR A SEED DRILL (73) Väderstad Holding AB (72) STARK, Crister	(51) A01D 34/00 A01D 34/73 (11) EP3210451 (21) EP17158043.4 (47) 30.01.2019 (22) 27.02.2017 (54) LAWN MOWER (73) Honda Motor Co., Ltd. (72) KURIYAGAWA, Koji YOSHIMURA, Hajime	(31) 2016037209 (32) 29.02.2016 (33) Japan
(31) 0951021 (32) 23.12.2009 (33) Sweden	(31) 2016037209 (32) 29.02.2016 (33) Japan	(51) A01D 43/063 (11) EP3297416

(21) EP16724128.0	(31) 2779DE2012	(47) 30.01.2019
(47) 23.01.2019	(32) 06.09.2012	(87) NL2015050836
(87) IB2016052869	(33) India	04.08.2016
24.11.2016	(51) A01G 25/02	(22) 30.11.2015
(22) 17.05.2016	(11) EP3087829	(54) MILKING DEVICE
(54) WALK BEHIND LAWN MOWER WITH A COLLECTOR DUMP ASSEMBLY	(21) EP14874939.3	(73) Lely Patent N.V.
(73) Husqvarna AB	(47) 30.01.2019	(72) VAN DORP, Michiel Adriaan
(72) BAKER, David	(87) JP2014081312	SCHUTTEN, Erik Henk Christiaan
(31) 201562162974 P	02.07.2015	(31) 2014186
(32) 18.05.2015	(22) 27.11.2014	(32) 26.01.2015
(33) United States of America	(54) EMITTER AND DRIP IRRIGATION TUBE	(33) Netherlands
(51) A01F 15/04	(73) Enplas Corporation	(51) A01K 1/01
B30B 9/30	(72) KIDACHI, Masahiro	A01K 1/015
(11) EP2929775	(31) 2013272393	G05D 1/02
(21) EP15154406.1	(32) 27.12.2013	A01K 1/10
(47) 30.01.2019	(33) Japan	A01K 5/02
(22) 10.02.2015	(51) A01G 25/16	(11) EP3282832
(54) Square baler	A01M 7/00	(21) EP16733218.8
(73) Usines Claas France S.A.S	(11) EP2671448	(47) 30.01.2019
(72) Hesselmann, Ulrich	(21) EP13170269.8	(87) NL2016050253
Scharf, Thorsten	(47) 23.01.2019	20.10.2016
Birkhofer, Stefan	(22) 03.06.2013	(22) 12.04.2016
(31) 102014004920	(54) Agricultural crop and field sprayer and method for operating an agricultural crop and field sprayer	(54) SYSTEM AND METHOD TO CARRY OUT A FLOOR RELATED ACTION
(32) 07.04.2014	(73) SA EXEL Industries	(73) Lely Patent N.V.
(33) Germany	(72) Schmidt, Bjarne	(72) WISSE, Dik-Jan
(51) A01F 15/07	(31) 201200386	VAN DEN BERG, Karel
(11) EP3235366	(32) 05.06.2012	(31) 2014622
(21) EP17163869.5	(33) Denmark	(32) 13.04.2015
(47) 30.01.2019	(51) A01J 5/007	(33) Netherlands
(22) 30.03.2017	A01J 7/02	(51) A01K 1/015
(54) APPARATUS AND METHOD FOR SUPPLYING A WEB OF WRAPPING MATERIAL TO A CHAMBER	A01J 7/04	(11) EP3136845
(73) Forage Innovations B.V.	(11) EP3139733	(21) EP15785247.6
(72) VISSER, Arend Cornelis	(21) EP15723328.9	(47) 30.01.2019
(31) 2016624	(47) 30.01.2019	(87) DK2015050109
(32) 18.04.2016	(87) SE2015050515	05.11.2015
(33) Netherlands	12.11.2015	(22) 28.04.2015
(51) A01F 15/08	(22) 08.05.2015	(54) POULTRY BEDDING
B30B 9/30	(54) CLEANING SYSTEM FOR AN AUTOMATIC MILKING SYSTEM	(73) Oestergaard, Jacob
(11) EP3188586	(73) DeLaval Holding AB	Oestergaard, Kaj
(21) EP15763178.9	(72) BOSMA, Epke	(72) OESTERGAARD, Jacob
(47) 30.01.2019	(31) 1450549	(31) 201470251
(87) US2015048223	(32) 09.05.2014	(32) 29.04.2014
10.03.2016	(33) Sweden	(33) Denmark
(22) 03.09.2015	(51) A01J 5/017	(51) A01K 13/00
(54) BALER WITH AUTOMATED SELECTION OF EJECTOR TEETH	(11) EP2950636	A45D 24/04
(73) AGCO Corporation	(21) EP14706134.5	A45D 24/30
(72) RETZLAFF, Lawrence	(47) 23.01.2019	(11) EP3177135
WAGGONER, Robert	(87) SE2014050108	(21) EP15738327.4
HERRON, Maynard M.	07.08.2014	(47) 30.01.2019
(31) 201462045301 P	(22) 28.01.2014	(87) EP2015066116
(32) 03.09.2014	(54) A MILKING DEVICE COMPRISING AN EXTRUDED SUPPORT DEVICE	18.02.2016
(33) United States of America	(73) DeLaval Holding AB	(22) 15.07.2015
(51) A01G 9/18	(72) HAMERTON, Lance	(54) COMB FOR A BRUSH FOR GROOMING ANIMAL FUR
A01G 9/24	LINGARD, Mike	(73) SSERTSON GROUP
(11) EP2892320	(31) 1350096	(72) BERGER, Jacqueline Jeanne Clémence
(21) EP12821317.0	201361757856 P	DEBIAUNE, Xavier
(47) 23.01.2019	(32) 29.01.2013	CATHAUD, Eddy
(87) IN2012000830	29.01.2013	(31) 1457732
13.03.2014	(33) Sweden	(32) 09.08.2014
(22) 19.12.2012	United States of America	(33) France
(54) METHOD FOR CONTROLLING THE ENVIRONMENT IN A GREENHOUSE	(51) A01J 5/04	(51) A01K 29/00
(73) Gupta, Sat Parkash	(11) EP3250024	A01K 1/01
(72) Gupta, Sat Parkash	(21) EP15841077.9	A01K 23/00
		A01K 27/00
		E01H 1/12
		(11) EP2434870

(21) EP10779964.5	(51) A01M 23/18	KARGE, Marion
(47) 23.01.2019	(11) EP3116309	LÜTH, Peter
(87) CA2010000786	(21) EP15758446.7	LORTZ, Beata-Maria
02.12.2010	(47) 30.01.2019	(31) 14187473
(22) 28.05.2010	(87) US2015017743	14194071
(54) PET WASTE COLLECTION DEVICE	11.09.2015	(32) 02.10.2014
(73) Chuhar Industries Ltd.	(22) 26.02.2015	20.11.2014
(72) SIGMUND, Roy Paul	(54) ANIMAL TRAP WITH SIMPLIFIED, HIGH	(33) European Patent Office (EPO)
(31) 213317 P	SPEED OPERATION	European Patent Office (EPO)
(32) 29.05.2009	(73) Marks, Joel S.	<hr/>
(33) United States of America	Arleekul, Surapon	(51) A01N 25/12
<hr/>	(72) Marks, Joel S.	A01N 25/08
(51) A01K 45/00	Arleekul, Surapon	A01N 31/06
A01K 41/06	(31) 201461947341 P	A01N 31/08
(11) EP3122177	201514630327	A01N 65/06
(21) EP15714710.9	(32) 03.03.2014	A01N 65/22
(47) 30.01.2019	24.02.2015	A01N 65/24
(87) US2015020845	(33) United States of America	A01P 7/02
01.10.2015	United States of America	(11) EP2605645
(22) 17.03.2015	<hr/>	(21) EP11757910.2
(54) EGG SUPPORT ASSEMBLY, AND	(51) A01M 25/00	(47) 23.01.2019
ASSOCIATED DEVICE AND METHOD	(11) EP3167713	(87) GB2011001209
(73) Zoetis Services LLC	(21) EP16183021.1	23.02.2012
(72) SUH, William Dongwook	(47) 23.01.2019	(22) 11.08.2011
(31) 201461970394 P	(22) 05.08.2016	(54) DELIVERY OF COMPOSITIONS TO
(32) 26.03.2014	(54) SNAIL TRAP	ARTHROPODS
(33) United States of America	(73) Penninger, Markus	(73) Exosect Limited
<hr/>	(72) PENNINGER, Andreas	(72) STORM, Clare, Gillian
(51) A01K 67/033	PENNINGER, Markus	HUGGETT, Nicola, Jane
(11) EP3171693	(31) 507112015	(31) 201013880
(21) EP15824967.2	(32) 07.08.2015	(32) 19.08.2010
(47) 23.01.2019	(33) Austria	(33) United Kingdom
(87) CA2015050653	<hr/>	<hr/>
28.01.2016	(51) A01N 1/02	(51) A01N 25/30
(22) 13.07.2015	G01N 1/42	A01N 39/04
(54) CONTINUOUS PRODUCTION SYSTEM	(11) EP3123143	A01N 43/40
FOR CULTURING DIPTERAN INSECTS	(21) EP15768968.8	A01N 57/20
(73) Enterra Feed Corporation	(47) 23.01.2019	A01P 13/00
(72) MARCHANT, Brad	(87) US2015023014	(11) EP2908645
VICKERSON, Andrew	01.10.2015	(21) EP13835793.4
KAULFUSS, Oliver	(22) 27.03.2015	(47) 30.01.2019
RADLEY, Reed	(54) ULTRA-RAPID TISSUE	(87) US2013057490
(31) 201462027081 P	CRYOPRESERVATION METHOD AND	13.03.2014
(32) 21.07.2014	APPARATUS	(22) 30.08.2013
(33) United States of America	(73) Board Of Trustees Of Northern Illinois	(54) COMPOSITIONS AND METHODS FOR
<hr/>	University	IMPROVING THE COMPATIBILITY OF
(51) A01K 79/02	(72) BENSON, James Dale	WATER SOLUBLE HERBICIDE SALTS
A01K 97/02	(31) 201461971979 P	(73) Akzo Nobel Surface Chemistry LLC
(11) EP2949210	201462005381 P	Dow AgroSciences LLC
(21) EP14169978.5	(32) 28.03.2014	(72) ALEXANDER, Mark
(47) 30.01.2019	30.05.2014	AUSTIN, Anne
(22) 27.05.2014	(33) United States of America	KENNEDY, Alex
(54) Device for locating and catching fish	United States of America	LIU, Lei
(73) Rotogal, S.L.	<hr/>	RODRIGUES, Klin A.
(72) Mendez Gago, Hector	(51) A01N 25/04	TANK, Holger
Sieira Pouso, Ramón	A01N 25/30	(31) 201261696351 P
<hr/>	A01N 63/04	201261739364 P
(51) A01M 7/00	(11) EP3200584	(32) 04.09.2012
B05B 1/28	(21) EP15813271.2	19.12.2012
(11) EP3232776	(47) 23.01.2019	(33) United States of America
(21) EP15816499.6	(87) EP2015072346	United States of America
(47) 30.01.2019	07.04.2016	<hr/>
(87) GB2015053939	(22) 29.09.2015	(51) A01N 37/00
23.06.2016	(54) COMPOSITION ESSENTIALLY FREE	(11) EP2549864
(22) 14.12.2015	OF WATER AND COMPRISING AT	(21) EP11760114.6
(54) SPRAYER SYSTEM	LEAST ONE SPORE FORMING FUNGAL	(47) 23.01.2019
(73) Micron Sprayers Limited	BIOLOGICAL CONTROL AGENT, A	(87) US2011029556
(72) CLAYTON, John, S.	POLYETHER-MODIFIED TRISILOXANE	29.09.2011
(31) 201422383	AND FUMED OR PRECIPITATED SILICA	(22) 23.03.2011
(32) 16.12.2014	(73) Bayer CropScience Biologics GmbH	
(33) United Kingdom	(72) EIBEN, Ute	

- (54) METHODS FOR INCREASING TOLERANCE TO ABIOTIC STRESS IN PLANTS
(73) Crop Microclimate Management, Inc.
(72) KUPATT, Charles Christian
(31) 316566 P
(32) 23.03.2010
(33) United States of America
- (51) A01N 37/12
C07D 471/08
C07D 487/08
A61P 7/02
A61K 31/439
(11) EP3104701
(21) EP15748475.9
(47) 30.01.2019
(87) US2015014707
20.08.2015
(22) 06.02.2015
- (54) FACTOR XIA INHIBITORS
(73) Merck Sharp & Dohme Corp.
(72) NEELAMKAVIL, Santhosh F.
EDMONDSON, Scott D.
GUO, Zhuyan
HRUZA, Alan W.
HUSSAIN, Zahid
LESBURG, Charles A.
MONINGKA, Remond
OGAWA, Anthony K.
MAL, Rudrajit
(31) 201461938230 P
(32) 11.02.2014
(33) United States of America
- (51) A01N 37/40
A01P 21/00
(11) EP3217794
(21) EP15820210.1
(47) 23.01.2019
(87) FR2015053080
19.05.2016
(22) 16.11.2015
- (54) USE OF ALKYL GALLATE TO STIMULATE THE NATURAL DEFENSES OF PLANTS
(73) Agro Innovation International
(72) GOUPIL, Pascale
BENOUARET, Razik
RICHARD, Claire
(31) 1461034
(32) 14.11.2014
(33) France
- (51) A01N 43/02
A61K 31/335
(11) EP2693879
(21) EP12768014.8
(47) 23.01.2019
(87) US2012032642
11.10.2012
(22) 06.04.2012
- (54) MIGRASTATINS AND USES THEREOF
(73) Sloan Kettering Institute For Cancer Research
(72) DANISHEFSKY, Samuel, J.
MASSAGUE, Joan
CORTES, Manuel, Valiente
OSKARSSON, Thordur
MOORE, Malcolm
LECOMTE, Nicolas
- OUERFELLI, Ouathek
YANG, Guangli
(31) 201161473131 P
201161508275 P
(32) 07.04.2011
15.07.2011
(33) United States of America
United States of America
- (51) A01N 43/04
A61K 31/40
A61K 9/00
A61K 47/40
A61K 9/19
(11) EP2557919
(21) EP11769321.8
(47) 30.01.2019
(87) US2011031388
20.10.2011
(22) 06.04.2011
- (54) STABILIZED STATIN FORMULATIONS
(73) Cumberland Pharmaceuticals Inc.
(72) PAVLIV, Leo
VILA, Andrew
(31) 762025
(32) 16.04.2010
(33) United States of America
- (51) A01N 43/40
(11) EP2877020
(21) EP13823506.4
(47) 30.01.2019
(87) US2013051299
30.01.2014
(22) 19.07.2013
- (54) HERBICIDAL COMPOSITIONS
COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID
(73) Dow AgroSciences LLC
(72) YERKES, Carla
MANN, Richard
SCHMITZER, Paul
SATCHIVI, Norbert
(31) 201261675067 P
201313840346
(32) 24.07.2012
15.03.2013
(33) United States of America
United States of America
- (51) A01N 43/40
A01P 13/00
A01N 41/10
A01N 43/56
A01N 43/80
(11) EP2934140
(21) EP13866035.2
(47) 30.01.2019
(87) US2013076080
26.06.2014
(22) 18.12.2013
- (54) HERBICIDAL COMPOSITIONS
COMPRISING 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID OR A DERIVATIVE THEREOF AND FLUFENACET
(73) Dow AgroSciences LLC
(72) BECKER, Joerg
- (31) 201261745029 P
(32) 21.12.2012
(33) United States of America
- (51) A01N 43/90
A61K 31/519
C07D 487/14
C07D 519/00
(11) EP2736338
(21) EP12817088.3
(47) 23.01.2019
(87) US2012047529
31.01.2013
(22) 20.07.2012
- (54) FUSED TRICYCLIC COMPOUNDS AS mTOR INHIBITORS
(73) Merck Sharp & Dohme Corp.
(72) MENG, Zhaoyang
PATEL, Mehul, F.
SIDDIQUI, M. Arshad
REDDY, Panduranga Adulla, P.
NAN, Yang
(31) 201161511607 P
(32) 26.07.2011
(33) United States of America
- (51) A01P 13/02
A01N 47/12
(11) EP2934150
(21) EP13805393.9
(47) 23.01.2019
(87) EP2013076674
26.06.2014
(22) 16.12.2013
- (54) HERBICIDAL AGENTS CONTAINING TRIALLATE
(73) Bayer CropScience AG
(72) SCHREIBER, Dominique
WILDE, Thomas
BRÜGGEMANN, Dirk
(31) 102012223529
(32) 18.12.2012
(33) Germany
- (51) A21B 1/48
H05B 6/02
A21B 5/02
H05B 6/10
(11) EP2303027
(21) EP09711082.9
(47) 23.01.2019
(87) EP2009000906
20.08.2009
(22) 10.02.2009
- (54) INDUCTION HEATING BAKING OVEN
(73) Haas Food Equipment GmbH
(72) HAAS, Johann
JIRASCHEK, Stefan
HAAS, Johannes
HAAS, Josef
KOLETNIK, Erich
OBERMAIER, Fritz
PICKART, Marcus
(31) 2252008
(32) 12.02.2008
(33) Austria
- (51) A21C 5/08
(11) EP3259993
(21) EP17175523.4
(47) 23.01.2019
(22) 12.06.2017

(54) DEVICE FOR PORTIONING DOUGH	(73) Universidade de Aveiro	PROCESSED CHEESE PRODUCTS WITH
(73) Fritsch GmbH	Mealfood - Fabrico de Refeições e Pratos	A SOLIDS CONTENT OF 40% OR LESS
(72) Bernhardt, Udo	Pré-cozinhados Lda.	(73) Fromageries Bel
(31) 102016111311	(72) COIMBRA RODRIGUES DA SILVA,	(72) MANERA, Rémy
(32) 21.06.2016	Manuel António	(31) 0758216
(33) Germany	VERDE MARTINS COELHO, Elisabete	(32) 11.10.2007
(51) A21C 11/22	BASTOS, Ana Rita	(33) France
B26D 1/26	DE OLIVEIRA SANTOS, José Francisco	(51) A23C 19/09
B26D 5/08	(31) 10750714	A23C 19/14
B26D 7/32	(32) 12.03.2014	A01J 25/16
B26D 7/00	(33) Portugal	(11) EP3061350
A21C 11/10	(51) A22B 7/00	(21) EP16175106.0
A21C 11/16	A22C 15/00	(47) 23.01.2019
(11) EP3114935	(11) EP2443931	(22) 17.06.2016
(21) EP16172467.9	(21) EP11158054.4	(54) METHOD FOR MANUFACTURING A
(47) 23.01.2019	(47) 23.01.2019	FLAVOURED CHEESE
(22) 01.06.2016	(22) 14.03.2011	(73) SAVENCIA SA
(54) AUTOMATIC CUTTING APPARATUS,	(54) Handling support	(72) De Praeter, Hans
APPLICABLE TO PRESSES FOR	(73) Serendipity B.V.	(31) 1653137
MAKING PASTA OR TO EXTRUDERS	(72) Leuver, Frank Christiaan	(32) 08.04.2016
FOR MAKING SNACKS	Van der Laan, Theodorus Johannes Coenraad	(33) France
(73) Niccolai Trafile S.r.l.	(31) 1004179	(51) A23D 7/005
(72) NICCOLAI, Marcello	(32) 25.10.2010	A23D 7/05
NICCOLAI, Marco	(33) France	(11) EP2810562
(31) UB20151056	(51) A23B 7/152	(21) EP14001914.2
(32) 03.06.2015	F25D 11/00	(47) 30.01.2019
(33) Italy	F25D 23/00	(22) 03.06.2014
(51) A21D 13/00	A23L 3/3427	(54) Method for obtaining an edible water-in-oil
A21D 8/00	(11) EP3259994	emulsion
A23L 7/122	(21) EP16754909.6	(73) St. Hubert
A21D 17/00	(47) 30.01.2019	(72) Marchal, Norbert
A23L 7/117	(87) JP2016000580	Ferrari, Audrey
A21D 13/38	01.09.2016	(31) 1301253
A21D 13/32	(22) 04.02.2016	(32) 03.06.2013
(11) EP2967088	(54) GAS SUPPLY DEVICE AND	(33) France
(21) EP14769080.4	REFRIGERATION DEVICE FOR	(51) A23F 3/16
(47) 30.01.2019	CONTAINER PROVIDED WITH SAID	A23F 3/20
(87) US2014026853	GAS SUPPLY DEVICE	(11) EP2796053
25.09.2014	(73) Daikin Industries, Ltd.	(21) EP12860850.2
(22) 13.03.2014	(72) YOKOHARA, Kazuma	(47) 23.01.2019
(54) SOFT TEXTURED FOOD COMPOSITION	NAKANO, Masataka	(87) JP2012082209
WITH SLOWLY AVAILABLE	KAMEI, Noritaka	27.06.2013
CARBOHYDRATES	TANAKA, Naohiro	(22) 12.12.2012
(73) Intercontinental Great Brands LLC	OZATO, Atsushi	(54) METHOD FOR PRODUCING PURIFIED
(72) OKONIEWSKA, Monika	FUJIMOTO, Yuusuke	TEA EXTRACT
COLEMAN, Edward, C.	(31) 2015039254	(73) Kao Corporation
PAGE, Edouard	(32) 27.02.2015	(72) SHIKATA, Kenichi
GRUNTORADOVA, Lenka	(33) Japan	OHMINAMI, Hideo
(31) 201361793433 P	(51) A23C 19/05	SATO, Hitoshi
(32) 15.03.2013	A23C 19/076	(31) 2011279691
(33) United States of America	A23C 19/028	(32) 21.12.2011
(51) A21D 13/17	(11) EP3053447	(33) Japan
A21D 2/18	(21) EP15154137.2	(51) A23G 1/20
A21D 2/36	(47) 30.01.2019	A23G 1/00
A21D 15/02	(22) 06.02.2015	A23G 3/34
A21D 17/00	(54) Method for preparing cottage cheese	A23G 3/02
(11) EP3116322	(73) Tine SA	(11) EP2692239
(21) EP15718585.1	(72) Hoffmann, Tom	(21) EP13177366.5
(47) 30.01.2019	(51) A23C 19/08	(47) 23.01.2019
(87) IB2015051737	A23C 19/082	(22) 22.07.2013
17.09.2015	(11) EP2197288	(54) Apparatus and Method for Producing
(22) 10.03.2015	(21) EP08841157.4	Chocolate Cores
(54) FORMULATIONS WITH	(47) 23.01.2019	(73) CHOCOTECH GmbH
HYDROCOLLOIDS FOR THE	(87) FR2008051837	(72) Hochapfel, Birk
PREPARATION OF CUSTARD TARTS	30.04.2009	Hilker, Erhard
READY FOR CONSUMPTION BY	(22) 09.10.2008	(31) 102012106903
HEATING IN MICROWAVE OVEN AND	(54) USE OF ANIONIC EMULSIFIERS FOR	(32) 30.07.2012
PROCESS FOR THEIR PRODUCTION	INCREASING THE FIRMNESS OF	

(33) Germany	14.06.2012	A23B 7/157
(51) A23G 3/28	(22) 05.12.2011	(11) EP3338563
B05C 5/02	(54) PROCESS FOR LIQUEFYING CEREAL	(21) EP17187871.3
A23P 20/00	PROTEINS	(47) 30.01.2019
A23P 20/15	(73) Cargill, Incorporated	(22) 25.08.2017
A23P 20/25	(72) BUX, Walter Josephina Leo	(54) METHOD FOR PRESERVING FRESH
A23G 3/34	DE COCK, Nicole S.J.	PRODUCE, SOLID COMPOSITION FOR
(11) EP3169164	(31) 10193859	APPLICATION IN A METHOD FOR
(21) EP15751138.7	(32) 06.12.2010	PRESERVING FRESH PRODUCE AND
(47) 30.01.2019	(33) European Patent Office (EPO)	PRESERVED FRESH PRODUCE
(87) NL2015050527	(51) A23K 20/147	(73) Singh, Benjamin Amit
21.01.2016	A23K 50/42	(72) Singh, Benjamin Amit
(22) 17.07.2015	A23K 50/45	(31) 16205983
(54) DEVICE AND METHOD FOR APPLYING	A23J 3/18	(32) 21.12.2016
A FLUID OR SUSPENSION TO A	(11) EP1782696	(33) European Patent Office (EPO)
SUBSTRATE	(21) EP07100893.2	(51) A23L 5/00
(73) FoodJet B.V.	(47) 23.01.2019	A23D 7/00
(72) DE GROOD, Pascal Johannes	(22) 14.07.2005	(11) EP3170406
(31) 2013209	(54) Method for manufacturing human food	(21) EP15821899.0
(32) 17.07.2014	applications or intermediates for non-food	(47) 23.01.2019
(33) Netherlands	applications and human food application or	(87) JP2015070361
(51) A23G 3/34	intermediate for non-food application	21.01.2016
A23G 3/20	(73) Tereos Starch & Sweeteners Belgium	(22) 16.07.2015
A23G 3/22	(72) Pibarot, Patrick	(54) GEL-FORM EMULSIFIED FOOD
A23G 7/00	Redl, Andres	(73) The Nisshin OilliO Group, Ltd.
(11) EP3289885	Reynes, Pierre	(72) SUYAMA, Daisuke
(21) EP17174519.3	Maesmans, Geert	(31) 2014146879
(47) 23.01.2019	Scheerlinck, Wim	(32) 17.07.2014
(22) 06.06.2017	(51) A23K 50/42	(33) Japan
(54) COATING MACHINE WITH	A23K 10/30	(51) A23L 27/00
AUTOMATIC BLOW OFF AIR	A21D 13/80	(11) EP3120711
TEMPERATURE CONTROL	A23L 27/60	(21) EP16180652.6
(73) Sollich KG	(11) EP3082459	(47) 30.01.2019
(72) Sollich, Thomas	(21) EP14821241.8	(22) 21.07.2016
Bläsing, Rüdiger	(47) 30.01.2019	(54) FOOD SEASONING
(31) 102016116246	(87) FR2014053052	(73) Bellini, Carlo
(32) 31.08.2016	04.06.2015	(72) Bellini, Carlo
(33) Germany	(22) 27.11.2014	(31) UB20152348
(51) A23G 9/22	(54) GRANULES OF PROTEIN-RICH	(32) 21.07.2015
A23G 9/28	MICROALGAL BIOMASS FLOUR AND	(33) Italy
A23C 9/12	METHOD FOR PREPARING SAME	(51) A23L 29/219
A23G 9/08	(73) Corbion Biotech, Inc.	C08B 30/12
(11) EP3172970	(72) PASSE, Damien	(11) EP2850108
(21) EP16199970.1	DELANNOY, François	(21) EP13723389.6
(47) 30.01.2019	(31) 1361877	(47) 23.01.2019
(22) 22.11.2016	1456034	(87) US2013040311
(54) MACHINE FOR LIQUID OR SEMI-	(32) 29.11.2013	21.11.2013
LIQUID FOOD PRODUCTS	27.06.2014	(22) 09.05.2013
(73) ALI GROUP S.r.l. - CARPIGIANI	(33) France	(54) PROCESS FOR PREPARING INHIBITED
(72) COCCHI, Andrea	France	NON-PREGELATINIZED GRANULAR
LAZZARINI, Roberto	(51) A23L 3/02	STARCHES
(31) UB20155881	A23L 3/10	(73) Tate & Lyle Ingredients Americas LLC
(32) 25.11.2015	B65B 55/02	(72) HAN, Xian-Zhong
(33) Italy	B65B 55/14	HUTTON, Thomas, K.
(51) A23J 3/18	(11) EP3065560	(31) 201261647146 P
A23J 3/30	(21) EP13792553.3	201361810545 P
A23J 3/34	(47) 23.01.2019	(32) 15.05.2012
A23L 33/18	(87) US2013068293	10.04.2013
A23K 20/147	07.05.2015	(33) United States of America
A23K 20/142	(22) 04.11.2013	United States of America
A23K 50/10	(54) POST-PACKAGING PASTEURIZATION	(51) A23P 20/10
A23K 50/30	(73) Hill's Pet Nutrition, Inc.	A23L 7/157
A23K 50/60	(72) LIN, Hungwei	(11) EP3199038
A23K 50/80	SKUTLARTZ, Alexander	(21) EP17153530.5
(11) EP2648537	ROMANO, Peter	(47) 23.01.2019
(21) EP11796623.4	(51) A23L 3/3544	(22) 27.01.2017
(47) 23.01.2019	A23L 3/358	(54) COATED CRUMB PARTICLE FOR
(87) EP2011006099	A23B 7/154	COATING FOOD PRODUCTS

(73) Koopmans Koninklijke Meelfabrieken B.V.	(54) DEVICE FOR CONVEYING A MASS FLOW OF ROD-LIKE ARTICLES AND USE OF THE SAME	(47) 23.01.2019
(72) KRIJGSHELD, Jan KAH, Judith GROENEVELD, Hein Pieter	(73) Hauni Maschinenbau GmbH	(87) CN2012086607
(31) 2016173	(72) Busse-Riepshoff, Uwe	22.05.2014
(32) 28.01.2016	Kreysern, Jan	(22) 14.12.2012
(33) Netherlands	Müller, Thomas	(54) INTELLIGENT CONTROLLER AND METHOD FOR ELECTRONIC CIGARETTE
(51) A23P 30/40	Krößmann, Jürgen	(73) Joyetech (Changzhou) Electronics Co., Ltd.
(11) EP3367809	Blüthgen, Sönke Christian	(72) QIU, Weihua
(21) EP16791330.0	Schuster, Christof	(31) 201210455135
(47) 30.01.2019	Wildgen, Ivo	(32) 13.11.2012
(87) EP2016075050	Graf, Jakob	(33) China
27.04.2017	(31) 102016102474	(51) A24F 47/00
(22) 19.10.2016	(32) 12.02.2016	H05B 1/02
(54) APPARATUS AND METHOD FOR AERATION OF A FOOD PRODUCT	(33) Germany	H05B 3/44
(73) Nestec S.A.	(51) A24D 1/02	(11) EP3079511
(72) CLAVIER, Luis	A24C 5/47	(21) EP14809311.5
CHEVALIER, Jean-François	A24D 3/04	(47) 30.01.2019
MARCILLA, Rafael	(11) EP2448437	(87) EP2014075627
(31) 15190428	(21) EP10722084.0	18.06.2015
(32) 19.10.2015	(47) 23.01.2019	(22) 26.11.2014
(33) European Patent Office (EPO)	(87) EP2010057320	(54) HEATING SYSTEM AND METHOD OF HEATING FOR AN INHALER DEVICE
(51) A24B 3/14	06.01.2011	(73) JT International SA
A24B 15/12	(22) 27.05.2010	(72) HOPPS, Jason
A24B 15/24	(54) FILTER FOR A SMOKING ARTICLE	SEENEY, Philip
A24B 15/28	(73) British American Tobacco (Investments) Ltd	TURNER, Colin
(11) EP2717725	(72) RICHARDSON, John	OLIVER, Louise
(21) EP12728344.8	WHITE, Peter Rex	(31) 13196732
(47) 23.01.2019	(31) 0911182	(32) 11.12.2013
(87) US2012041463	(32) 29.06.2009	(33) European Patent Office (EPO)
13.12.2012	(33) United Kingdom	(51) A41B 7/02
(22) 08.06.2012	(51) A24D 1/08	A41F 17/00
(54) TOBACCO MATERIAL CONTAINING NON-ISOMETRIC CALCIUM CARBONATE MICROPARTICLES	A24F 47/00	(11) EP3151691
(73) Schweitzer-Mauduit International, Inc.	(11) EP3220755	(21) EP15728371.4
(72) ROUILLARD, Stephane	(21) EP15798431.1	(47) 30.01.2019
RAVERDY-LAMBERT, Diane, M.	(47) 30.01.2019	(87) US2015033780
RIGOULAY, Christophe	(87) EP2015077397	10.12.2015
GUITTON, Johan	26.05.2016	(22) 02.06.2015
ROUSSEAU, Cedric	(22) 23.11.2015	(54) CUFF FOR CLOTHING ARTICLE
(31) 201161495419 P	(54) SMOKING ARTICLE COMPRISING A FRICTION IGNITABLE COMBUSTIBLE CARBONACEOUS HEAT SOURCE	(73) NIKE Innovate C.V.
(32) 10.06.2011	(73) Philip Morris Products S.A.	(72) FISHER, Kimberly R.
(33) United States of America	(72) BATISTA, Rui, Nuno	MARTIN, Lindsey V.J.
(51) A24C 5/34	(31) 14194370	(31) 201414296912
(11) EP2873334	(32) 21.11.2014	(32) 05.06.2014
(21) EP14191605.6	(33) European Patent Office (EPO)	(33) United States of America
(47) 30.01.2019	(51) A24F 13/02	(51) A41D 13/00
(22) 04.11.2014	A24F 13/08	(11) EP2962583
(54) METHOD AND APPARATUS FOR DETECTING STRAND INHOMOGENEITY OF A ROD OF MATERIAL IN THE TOBACCO PROCESSING INDUSTRY	A24F 13/14	(21) EP15180575.1
(73) Hauni Maschinenbau GmbH	B65D 85/10	(47) 30.01.2019
(72) Schröder, Dierk	B65D 50/04	(22) 06.11.2009
(31) 102013223535	B65D 6/06	(54) ARTICLES OF APPAREL PROVIDING ENHANCED BODY POSITION FEEDBACK
(32) 19.11.2013	A24F 47/00	(73) NIKE Innovate C.V.
(33) Germany	(11) EP3243766	(72) Nordstrom, Matthew
(51) A24C 5/35	(21) EP16169567.1	Sokolowski, Susan
B65G 21/18	(47) 30.01.2019	(31) 277914
B65G 47/51	(22) 13.05.2016	(32) 25.11.2008
(11) EP3205218	(54) PACKAGE FOR ACCOMMODATING PRODUCTS	(33) United States of America
(21) EP17154838.1	(73) Fontem Holdings I B.V.	(51) A41D 13/00
(47) 30.01.2019	(72) Senftleben, Sebastian	A41D 13/018
(22) 06.02.2017	Biel, Stefan	(11) EP3132700
	Halbertsma, Reinier	(21) EP16000825.6
	Collins, Fiona	(47) 30.01.2019
	(51) A24F 47/00	(22) 30.05.2014
	(11) EP2921064	(54) PROTECTIVE CLOTHING
	(21) EP1288511.8	(73) Müller-Adam, Wolfgang

(72) Müller-Adam, Wolfgang	(33) China	(32) 21.09.2010
(51) A41D 13/005	(51) A42B 3/22	29.04.2011
A41D 31/00	G02B 5/23	(33) Germany
D04H 1/00	(11) EP2407041	Germany
(11) EP2545795	(21) EP11184483.3	(51) A43B 7/28
(21) EP12188076.9	(47) 30.01.2019	A43B 23/02
(47) 23.01.2019	(22) 19.12.2007	A43B 23/07
(22) 28.10.2008	(54) A visor provided with a UV-sensitive material	A43C 11/14
(54) Method of forming adaptive insulation	(73) Pinlock Patent B.V.	A43C 11/00
(73) The Boeing Company	(72) Arnold, Derek Leslie	A43C 1/00
(72) Laib, Trevor M.	(31) 1033103	A43B 3/12
Fletcher III, Henry V.	(32) 21.12.2006	(11) EP2830452
Mitchell, Bradley J.	(33) Netherlands	(21) EP13714496.0
(31) 968940	(51) A43B 3/00	(47) 23.01.2019
(32) 03.01.2008	A43B 3/16	(87) US2013033705
(33) United States of America	A43B 7/32	03.10.2013
(51) A41D 13/12	A63B 27/00	(22) 25.03.2013
(11) EP2854581	(11) EP3280286	(54) STRAP SYSTEMS FOR ARTICLES OF FOOTWEAR AND OTHER FOOT-RECEIVING DEVICES
(21) EP13800176.3	(21) EP16718394.6	(73) NIKE Innovate C.V.
(47) 23.01.2019	(47) 23.01.2019	(72) BISHOP, Jennifer
(87) US2013040133	(87) FR2016050619	HURD, John
12.12.2013	13.10.2016	NURSE, Matthew A.
(22) 08.05.2013	(22) 21.03.2016	(31) 201213431115
(54) SURGICAL GOWN AND METHOD OF MANUFACTURING THE SURGICAL GOWN	(54) FOOTWEAR DEVICE FOR MOVING AROUND ON WALLS MADE OF PERFORATED CLADDING PLATES	(32) 27.03.2012
(73) Operating Room Innovations, Inc.	(73) Pigerre, Jacques	(33) United States of America
(72) BUI, Phong, Duy	(72) PIGERRE, Jacques	(51) A43B 13/02
SALVADOR, Ruel	PIGERRE, Aurélie	A43B 13/42
MCBRIDE, Mark, Tabin	(31) 1552966	A43C 15/16
JANKIEWICZ, Joseph, John	1558243	A43B 13/12
(31) 201213489339	(32) 07.04.2015	A43B 13/18
(32) 05.06.2012	04.09.2015	(11) EP3258805
(33) United States of America	(33) France	(21) EP16707316.2
(51) A42B 3/04	France	(47) 30.01.2019
(11) EP3154384	(51) A43B 3/00	(87) US2016017757
(21) EP15781405.4	A63B 24/00	25.08.2016
(47) 23.01.2019	(11) EP3153046	(22) 12.02.2016
(87) IB2015001612	(21) EP16199665.7	(54) ASYMMETRIC TORSION PLATE AND COMPOSITE SOLE STRUCTURE FOR ARTICLE OF FOOTWEAR
17.12.2015	(47) 23.01.2019	(73) Nike Innovate C.V.
(22) 02.06.2015	(22) 17.02.2012	(72) DROEGE, John
(54) APPARATUS AND METHODS FOR SECURING ACCESSORIES TO A HELMET	(54) FOOTWEAR INSERT HAVING SENSOR SYSTEM	LEE, Jeongwoo
(73) Revision Military S.à.r.l.	(73) NIKE Innovate C.V.	(31) 201514627269
(72) GENDRON, Marie-Pierre	(72) RICE, Jordan M	(32) 20.02.2015
LEBEL, Stéphane	WEAST, Aaron B	(33) United States of America
(31) 201414301302	MOLYNEUX, James	(51) A43B 13/12
(32) 10.06.2014	HEBERT, Jeffrey J	A43B 13/18
(33) United States of America	HORRELL, Joseph B	A43B 5/06
(51) A42B 3/04	KNIGHT, Jonathan B	(11) EP3081110
A42B 3/06	STILLMAN, Martine W	(21) EP16165610.3
A42C 2/00	WEITMANN, Dane R	(47) 23.01.2019
(11) EP3189741	(31) 201161443801 P	(22) 15.04.2016
(21) EP16206977.7	(32) 17.02.2011	(54) SOLE ASSEMBLY FOR AN ARTICLE OF FOOTWEAR
(47) 30.01.2019	(33) United States of America	(73) Wolverine Outdoors, Inc.
(22) 27.12.2016	(51) A43B 5/04	(72) JESSIMAN, Alexander W.
(54) LIGHT-EMITTING HELMET AND MANUFACTURING METHOD THEREOF	A63C 9/20	WHITE, J. Spencer
(73) Shenzhen Qianhai Livall Iot Technology Co., Ltd.	(11) EP2430933	PAULSON, Andrea A.
(72) Zheng, Bo	(21) EP11007668.4	MAHONEY, Christopher J.
Ye, Yongzheng	(47) 23.01.2019	O'MALLEY, Patrick G.
Tian, Jie	(22) 20.09.2011	(31) 201514689300
Li, Zhiming	(54) Ski jumping boot and binding system comprising a jumping boot and a ski binding	(32) 17.04.2015
Yi, Xiangling	(73) Rass, Tom	(33) United States of America
(31) 201610010916	(72) Rass, Tom	(51) A43B 17/03
(32) 09.01.2016	(31) 202010013473 U	(11) EP1854371
	202011005708 U	(21) EP07466013.5

- (47) 23.01.2019
(22) 09.05.2007
(54) The insole
(73) Boty J HANÁK R, s.r.o.
(72) Hanak, Josef
(31) 20060298
(32) 10.05.2006
(33) Czech Republic
-
- (51) A43B 21/24
A43B 21/02
A43B 21/26
A43B 21/20
A43B 21/30
(11) EP2790544
(21) EP12820915.2
(47) 23.01.2019
(87) IB2012057355
20.06.2013
(22) 14.12.2012
(54) HEEL FOR A WOMEN'S SHOE WITH A HIGH HEEL
(73) Tuscany Services S.r.l.
(72) ROCCELLA, Stefano
(31) BO20110712
(32) 14.12.2011
(33) Italy
-
- (51) A43B 23/02
A43B 23/04
A43C 11/00
(11) EP2934214
(21) EP13864224.4
(47) 30.01.2019
(87) US2013077551
26.06.2014
(22) 23.12.2013
(54) WOVEN PLANAR FOOTWEAR UPPER
(73) NIKE Innovate C.V.
(72) BELL, Thomas G.
(31) 201261745269 P
(32) 21.12.2012
(33) United States of America
-
- (51) A43C 1/04
A43B 13/22
A43B 13/12
(11) EP3091866
(21) EP14806114.6
(47) 30.01.2019
(87) US2014063087
16.07.2015
(22) 30.10.2014
(54) FOOTWEAR HAVING LACE RECEIVING STRANDS
(73) NIKE Innovate C.V.
(72) KLUG, Bryant Russell
MINAMI, Tetsuya T.
MOLYNEUX, James
(31) 201461924958 P
201414526590
(32) 08.01.2014
29.10.2014
(33) United States of America
United States of America
-
- (51) A43C 7/00
A43C 7/04
A43B 3/00
F16G 11/04
F16G 11/10
(11) EP2654484
- (21) EP11813592.0
(47) 30.01.2019
(87) NL2011050898
28.06.2012
(22) 23.12.2011
(54) DEVICE FOR CONNECTING UP LACES
(73) Theuvenet, Jurrien
(72) THEUVENET, Jurrien
LUHUKAY, Timothy
(31) 1038472
(32) 23.12.2010
(33) Netherlands
-
- (51) A43C 15/14
A43C 15/16
A43B 13/12
A43B 13/18
A43C 15/00
(11) EP3260006
(21) EP17182066.5
(47) 23.01.2019
(22) 28.01.2011
(54) SELF-ADJUSTING STUDS
(73) NIKE Innovate C.V.
(72) BAKER, Brian D.
(31) 708411
(32) 18.02.2010
(33) United States of America
-
- (51) A44B 18/00
B65D 33/25
(11) EP3212028
(21) EP15786936.3
(47) 30.01.2019
(87) EP2015074894
06.05.2016
(22) 27.10.2015
(54) CLOSURE DEVICE WITH HOOKS IN HOOKS HAVING SENSORY EFFECT
(73) Aplix
(72) FREULON, Arnaud, Thierry, Jean-Marie
MAHE, Anthony, Bertrand, Patrick
(31) 1402467
(32) 31.10.2014
(33) France
-
- (51) A44C 11/00
A44C 5/10
(11) EP3267831
(21) EP16715893.0
(47) 23.01.2019
(87) IB2016051322
15.09.2016
(22) 09.03.2016
(54) A NOVEL MODULAR ELEMENT FOR JEWELLERY OR COSTUME JEWELLERY ARTICLES
(73) Leo France S.r.l.
(72) PINZAUTI, Leonardo
(31) FI20150068
(32) 10.03.2015
(33) Italy
-
- (51) A44C 27/00
A44C 9/00
A44C 9/02
(11) EP3138435
(21) EP15840646.2
(47) 23.01.2019
(87) JP2015071314
17.03.2016
(22) 28.07.2015
- (54) BODY ORNAMENT MANUFACTURING METHOD, BODY ORNAMENT-MOLDING DIE AND BODY ORNAMENT
(73) Biso Co., Ltd.
(72) SATO, Kouichi
SATO, Yukio
(31) 2014182058
(32) 08.09.2014
(33) Japan
-
- (51) A45C 9/00
A45F 4/02
A47G 9/06
A45C 7/00
A45C 13/10
(11) EP3056113
(21) EP16155360.7
(47) 30.01.2019
(22) 11.02.2016
(54) A PORTABLE WORK SURFACE
(73) Stanley Middle East FZE
(72) Lehovetzki, Axel
Vallette, Thomas
Feraud, Norbert
(31) 201502487
(32) 13.02.2015
(33) United Kingdom
-
- (51) A45C 11/00
A45F 5/00
H04M 1/02
H04M 1/04
G06F 1/16
E05D 3/12
E05D 11/08
E05D 11/10
A45C 13/00
F16M 13/00
F16C 11/10
H04B 1/3827
(11) EP3297261
(21) EP17188886.0
(47) 30.01.2019
(22) 31.08.2017
(54) HINGE, STAND DEVICE, AND ELECTRONIC APPARATUS
(73) FUJITSU LIMITED
(72) SHINOTOU, Kouichi
WATANABE, Hideki
TACHIKAWA, Tadanori
(31) 2016182298
(32) 16.09.2016
(33) Japan
-
- (51) A45D 19/02
A61K 8/02
A61K 8/19
A61K 8/22
A61Q 5/00
A61Q 5/08
A61Q 5/10
A46B 11/00
A45D 24/26
A61K 8/25
A61K 8/29
A61K 8/31
A61K 8/41
A61K 8/73
A45D 19/00
A61K 8/23
(11) EP2702894

(21) EP12776286.2	(31) 1451413	A45C 13/24
(47) 23.01.2019	(32) 21.02.2014	A45C 13/38
(87) JP2012061228	(33) France	A61F 17/00
01.11.2012	(51) A45D 40/00	(11) EP3222167
(22) 26.04.2012	A23L 3/01	(21) EP17000481.6
(54) HAIR DECORATION ARTICLE AND	A61L 2/00	(47) 23.01.2019
HAIR DYEING AND BLEACHING	B65B 55/02	(22) 23.03.2017
METHOD USING SAME	A45D 34/02	(54) PROFESSIONAL BACKPACK,
(73) Kao Corporation	(11) EP3082496	PARTICULARLY FOR TECHNICAL AND/
(72) IIZAKI, Takeshi	(21) EP14815379.4	OR SPECIALIST MEDICAL RESCUE
ANDO, Naohiro	(47) 30.01.2019	MISSIONS
TAKAGI, Yoshimasa	(87) EP2014078784	(73) Ferrino & C. S.p.A.
(31) 2011101533	25.06.2015	(72) Aimo-Boot, Marco
2011273009	(22) 19.12.2014	(31) UA20162027
(32) 28.04.2011	(54) PACKAGE CONTAINING A COSMETIC	(32) 25.03.2016
14.12.2011	PRODUCT	(33) Italy
(33) Japan	(73) L'Oréal	(51) A46B 5/00
Japan	(72) COCAUD, Olivier	(11) EP2807946
(51) A45D 29/00	CANNAROZZO, Frank	(21) EP13183143.0
(11) EP3141145	JULIEN, Jean-Marie	(47) 23.01.2019
(21) EP15789898.2	CHARNAY, Patrick	(22) 05.09.2013
(47) 30.01.2019	JOLY, Laurence	(54) Manual toothbrush concept being combined
(87) MX2015000070	SCOUARNEC, Nathalie	from three parts
12.11.2015	AUBRET, Kerem	(73) The Gillette Company LLC
(22) 04.05.2015	(31) 1362985	(72) Bresselschmidt, Andreas
(54) CIRCULAR DEVICE WITH A ROTATING	1363090	Birk, Andreas
MOVEMENT FOR NAIL VARNISH	(32) 19.12.2013	Schulz, Holger
REMOVER	19.12.2013	Stegmann, Wolfgang
(73) Pantoja Leon, Angélica	(33) France	Ganninger, Jochen
(72) Pantoja Leon, Angélica	France	Herzog, Karl
(31) 2014005785	(51) A45D 40/06	Reuschenbach, Andreas
(32) 06.05.2014	A45D 40/10	Jöst, Michael
(33) Mexico	(11) EP3127451	(31) 13169703
(51) A45D 34/00	(21) EP16179697.4	(32) 29.05.2013
A45D 34/04	(47) 30.01.2019	(33) European Patent Office (EPO)
A45D 40/26	(22) 15.07.2016	(51) A46B 7/02
A45D 40/00	(54) CONTAINER OF COSMETIC PRODUCT	A46B 9/00
B05B 11/00	(73) Albéa Services	A46B 3/00
B65D 41/00	(72) BONNIN, Thomas	(11) EP2897488
B65D 83/42	LECURIEUIL, Frédéric	(21) EP13765709.4
B65D 51/24	(31) 1557522	(47) 23.01.2019
(11) EP3275336	(32) 04.08.2015	(87) EP2013069410
(21) EP17001239.7	(33) France	27.03.2014
(47) 30.01.2019	(51) A45D 40/26	(22) 18.09.2013
(22) 20.07.2017	(11) EP1872682	(54) FOLDING APPLICATOR
(54) PORTABLE REFILLABLE LIQUID	(21) EP07301151.2	(73) GEKA GmbH
DISPENSER	(47) 23.01.2019	(72) WOLFSGRUBER, Dieter
(73) Heinz-Glas GmbH & Co. KGaA	(22) 26.06.2007	GONZALEZ-GOMEZ, Pilar
(72) Armin, Detsch	(54) Device for the application of a product on	BAKIC, Nicholas
Heinz, Alexander	eyelashes or eyebrows	SCHUSTER, Erwin
(31) 102016113755	(73) L'Oréal	(31) 202012103567 U
(32) 26.07.2016	(72) Gueret, Jean-Louis	(32) 18.09.2012
(33) Germany	(31) 0605831	(33) Germany
(51) A45D 34/04	(32) 28.06.2006	(51) A46B 11/00
(11) EP3107416	(33) France	A61C 17/36
(21) EP15704796.0	(51) A45D 40/26	A61C 17/34
(47) 30.01.2019	(11) EP1938709	A47K 7/04
(87) EP2015053276	(21) EP07123311.8	A61C 17/028
27.08.2015	(47) 23.01.2019	(11) EP3086688
(22) 17.02.2015	(22) 17.12.2007	(21) EP14824539.2
(54) ARTICULATED APPLICATOR HAVING	(54) Mascara brush	(47) 30.01.2019
A FLEXIBLE STEM	(73) L'Oréal	(87) IB2014066701
(73) L'OREAL	(72) Gueret, Jean-Louis	02.07.2015
(72) THIEBAUT, Laure	(31) 0655611	(22) 08.12.2014
DUCASTIN, Pierre	(32) 18.12.2006	(54) PERSONAL HYGIENE IMPLEMENT
JACQUART, Vincent	(33) France	(73) Braun GmbH
LIMONGI, Michel	(51) A45F 3/04	(72) FRANKE, Sven, Alexander
RAMET, Marc		DOLL, Alexander, Franz

SCHÜTZ, Robert, Florian	TURSINI, Maurizio	(21) EP17397511.1
(31) 201361920476 P	PALPACELLI, Mirco	(47) 23.01.2019
(32) 24.12.2013	(31) PR20130094	(22) 26.04.2017
(33) United States of America	(32) 21.11.2013	(54) HUB CONSTRUCTION FOR A
(51) A47B 31/06	(33) Italy	ROTATABLE CHAIR
(11) EP3264937	(51) A47B 88/493	(73) AF Solutions Ab Oy
(21) EP16708640.4	A47B 88/487	(72) KJELLMAN, Fredrik
(47) 30.01.2019	H05K 7/14	(31) 20165386
(87) EP2016054673	(11) EP3323314	(32) 04.05.2016
09.09.2016	(21) EP17183935.0	(33) Finland
(22) 04.03.2016	(47) 30.01.2019	(51) A47C 7/74
(54) BEVERAGE-PREPARATION	(22) 31.07.2017	(11) EP3111806
APPARATUS FOR A VEHICLE AND	(54) SLIDE ASSEMBLY WITH QUICK-	(21) EP16001085.6
METHOD FOR OPERATING THE SAME	MOUNT SYSTEM	(47) 30.01.2019
(73) Genesis Patent AG	(73) King Slide Technology Co., Ltd.	(22) 12.05.2016
(72) STRAUSS, Andreas	King Slide Works Co., Ltd.	(54) THERMALLY HEATABLE AND
(31) 102015103239	(72) CHEN, Ken-Ching	COOLABLE CHAIR
(32) 05.03.2015	YANG, Shun-Ho	(73) Klöber GmbH
(33) Germany	HUANG, Chien-Li	(72) Klöck, Erwin
(51) A47B 46/00	WANG, Chun-Chiang	Roth-Schuler, Christian
A47B 88/60	(31) 105138538	(31) 102015008461
A47L 15/50	(32) 22.11.2016	(32) 01.07.2015
F24C 15/16	(33) Taiwan, Province of China	(33) Germany
F25D 25/02	(51) A47B 96/20	(51) A47C 13/00
(11) EP3261489	A47B 77/08	A47C 7/42
(21) EP16704625.9	F25D 23/10	A47C 7/54
(47) 30.01.2019	(11) EP1956941	F16B 12/26
(87) EP2016053171	(21) EP06807654.6	(11) EP3264943
25.08.2016	(47) 23.01.2019	(21) EP16707442.6
(22) 15.02.2016	(87) EP2006067926	(47) 23.01.2019
(54) SLIDING-PIVOTING MECHANISM OF	07.06.2007	(87) EP2016054405
A SHELF OF A PIECE OF FURNITURE	(22) 30.10.2006	09.09.2016
OR OF A DOMESTIC APPLIANCE,	(54) HOUSING FOR A HOUSEHOLD	(22) 02.03.2016
PIECE OF FURNITURE, AND DOMESTIC	APPLIANCE	(54) PIECE OF FURNITURE, AND
APPLIANCE	(73) BSH Hausgeräte GmbH	FURNITURE FITTING FOR
(73) Paul Hettich GmbH & Co. KG	(72) LAIBLE, Karl-Friedrich	CONNECTING FURNITURE PARTS
(72) BEXTERMÖLLER, Benjamin	REITZ, Hans-Philipp	(73) Hettich Franke GmbH & Co. KG
REHAGE, Daniel	(31) 102005057160	(72) STAUSS, Gerd
(31) 102015102390	(32) 30.11.2005	NILL, Oliver
(32) 19.02.2015	(33) Germany	(31) 102015103225
(33) Germany	(51) A47C 1/023	102016100753
(51) A47B 61/02	A47C 1/024	(32) 05.03.2015
(11) EP3206531	A47C 7/14	18.01.2016
(21) EP15804940.3	A47C 1/02	(33) Germany
(47) 30.01.2019	A47C 3/20	Germany
(87) IB2015057881	A47C 7/54	(51) A47C 19/04
21.04.2016	A47C 1/022	A47D 7/03
(22) 14.10.2015	A47C 5/00	A47D 7/02
(54) DEVICE FOR SUPPORTING GARMENTS	A47C 7/00	A61G 7/012
AND FURNITURE COMPRISING SUCH A	A47C 1/032	(11) EP2344009
DEVICE	A47C 1/03	(21) EP09825641.5
(73) VIBO S.p.A.	A47C 7/40	(47) 23.01.2019
(72) BONIN, Franco	(11) EP2939568	(87) AU2009001450
(31) VR20140249	(21) EP15167401.7	20.05.2010
(32) 14.10.2014	(47) 30.01.2019	(22) 09.11.2009
(33) Italy	(22) 11.12.2009	(54) AN INFANT BED
(51) A47B 77/08	(54) CHAIR	(73) Starwove Pty Ltd
F24C 15/30	(73) Formway Furniture Limited	(72) CARTA, Paul E.
(11) EP3071070	(72) Parker, Kent Wallace	(31) 2008905816
(21) EP14815016.2	Wilkinson, Paul Michael	2009900922
(47) 30.01.2019	Stewart, Lyall Douglas	(32) 11.11.2008
(87) IB2014065709	Tierney, Peter	03.03.2009
28.05.2015	Baum, Gregory William	(33) Australia
(22) 30.10.2014	(31) 122283 P	Australia
(54) FREELY INSTALLABLE COOKER	(32) 12.12.2008	(51) A47C 31/02
(73) Whirlpool EMEA S.p.A	(33) United States of America	B68G 7/05
(72) CICCACCI, Sandro	(51) A47C 3/18	(11) EP3045086
ARMONAVICIUTE, Egle	(11) EP3241463	(21) EP14844352.6

(47) 30.01.2019	(31) 202015106796 U	22.02.2007
(87) JP2014072117	(32) 14.12.2015	(22) 02.08.2006
19.03.2015	(33) Germany	(54) STEAM COOKING APPLIANCE
(22) 25.08.2014	(51) A47F 3/14	(73) BSH Hausgeräte GmbH
(54) CHAIR	(11) EP3146870	(72) KLEINBUB, Guido
(73) Okamura Corporation	(21) EP16020345.1	LEGO, Dieter
(72) MASUNAGA, Hiroshi	(47) 30.01.2019	(31) 05017743
TAKAGI, Yuuichirou	(22) 23.09.2016	(32) 16.08.2005
(31) 2013190952	(54) EXHIBITION BASIN CONSTRUCTION	(33) European Patent Office (EPO)
(32) 13.09.2013	WITH A FACILITATED ASSEMBLING	(51) A47J 31/36
(33) Japan	SYSTEM FOR MOUNTING	A47J 31/44
(51) A47D 13/02	INTERCHANGEABLE OVERLAPPING	(11) EP3277136
(11) EP3216372	PLATES	(21) EP16712056.7
(21) EP17159457.5	(73) Atelier Archiand S.r.l.	(47) 30.01.2019
(47) 30.01.2019	(72) Colombo, Paolo	(87) EP2016056883
(22) 06.03.2017	(31) UB20153878	06.10.2016
(54) BABY CARRIER	(32) 24.09.2015	(22) 30.03.2016
(73) Artsana S.p.A.	(33) Italy	(54) A MACHINE FOR DISPENSING
(72) MACRÌ, Eleonora	(51) A47F 11/10	A BEVERAGE COMPRISING AN
(31) UA20161585	F21V 33/00	INTERFACE WITH SAFETY COVER
(32) 11.03.2016	F21V 21/35	(73) Nestec S.A.
(33) Italy	H01R 25/16	(72) AGON, Fabien Ludovic
(51) A47F 1/10	A47F 5/10	BYUN, Da Mi
A61F 15/00	(11) EP3061367	HANAUER, Bianca
(11) EP3086691	(21) EP15305285.7	MAGATTI, Marco
(21) EP14825024.4	(47) 30.01.2019	MAYER, Markus Johannes
(47) 30.01.2019	(22) 25.02.2015	SCHMIEDBAUER, Matthias
(87) US2014070445	(54) System for supplying and distributing	(31) 15162301
02.07.2015	electricity and configured to equip a shelving	(32) 02.04.2015
(22) 16.12.2014	device	(33) European Patent Office (EPO)
(54) REDUCED FRICTION EARPLUG	(73) HMY Group	(51) A47J 31/40
DISPENSER	(72) Rillié, Quentin	(11) EP3232873
(73) 3M Innovative Properties Company	(51) A47G 9/10	(21) EP15820075.8
(72) RUDEK, David M.	(11) EP3114968	(47) 30.01.2019
ZILLIGEN, Guenter M.	(21) EP15758123.2	(87) EP2015079886
PURFUERST, Joerg R.	(47) 30.01.2019	23.06.2016
(31) 201314138585	(87) KR2015002002	(22) 15.12.2015
(32) 23.12.2013	11.09.2015	(54) UNIT, DEVICE AND SYSTEM
(33) United States of America	(22) 02.03.2015	FOR PREPARING BEVERAGE
(51) A47F 1/12	(54) HEIGHT-ADJUSTABLE PILLOW	CONSUMPTIONS
A47F 3/00	(73) Motex Products Co., Ltd.	(73) Koninklijke Douwe Egberts B.V.
A47F 11/10	(72) CHANG, Sang Bin	(72) STANDAAR, Koen
A47F 5/00	(31) 20140024858	DEES, Hendrik Johan
(11) EP3017724	20140024859	RUTTEN, Mathias Antonius Fransiscus
(21) EP15192721.7	20150023432	KLABBERS, Bram
(47) 30.01.2019	(32) 03.03.2014	(31) 2013987
(22) 03.11.2015	03.03.2014	(32) 15.12.2014
(54) DEVICE FOR PRESENTATION OF	16.02.2015	(33) Netherlands
GOODS WITH GOODS	(33) Korea (Republic)	(51) A47J 31/44
(73) POS TUNING Udo Voßhenrich GmbH &	Korea (Republic)	(11) EP3042592
Co. KG	Korea (Republic)	(21) EP15200636.7
(72) GERDTOBERENS, Tobias	(51) A47J 19/00	(47) 30.01.2019
(31) 102014116286	A47J 19/02	(22) 17.12.2015
(32) 07.11.2014	(11) EP3130260	(54) METHOD FOR PRODUCING MILK
(33) Germany	(21) EP14888893.6	FROTH AND USE OF A HOT BEVERAGE
(51) A47F 1/12	(47) 30.01.2019	MACHINE FOR PRODUCING A MIXED
A47F 5/00	(87) CN2014000391	COFFEE-MILK BEVERAGE
G09F 3/20	15.10.2015	(73) Melitta Professional Coffee Solutions GmbH
(11) EP3285619	(22) 11.04.2014	& Co. KG
(21) EP16769994.1	(54) GRINDING-TYPE JUICER	(72) BUCHHOLZ, Bernd
(47) 30.01.2019	(73) Lee, Wen-Ching	DIESTER, Thomas
(87) EP2016072348	(72) Lee, Wen-Ching	(31) 102014119062
22.06.2017	(51) A47J 27/04	(32) 18.12.2014
(22) 21.09.2016	(11) EP1916928	(33) Germany
(54) DEVICE FOR FEEDING GOODS	(21) EP06778117.9	(51) A47J 31/44
(73) POS TUNING Udo Voßhenrich GmbH &	(47) 23.01.2019	B67D 1/12
Co. KG	(87) EP2006064932	A47J 31/36
(72) HEISSENBERG, Jens		(11) EP3267857

- (21) EP16705148.1
(47) 23.01.2019
(87) EP2016053359
15.09.2016
(22) 17.02.2016
(54) MIXED BEVERAGE UNIT
(73) BSH Hausgeräte GmbH
(72) REHFUSS, Evgeni
(31) 102015204452
102015223031
(32) 12.03.2015
23.11.2015
(33) Germany
Germany
-
- (51) A47J 31/54
B22D 19/00
H05B 3/40
F24H 1/14
(11) EP3193681
(21) EP15762745.6
(47) 30.01.2019
(87) IB2015055811
04.02.2016
(22) 31.07.2015
(54) HEAT EXCHANGER
(73) I.R.C.A. S.p.A. Industria Resistenze
Corazzate e Affini
(72) WEDAM, Stefano
ZOPPAS, Federico
(31) RM20140437
(32) 31.07.2014
(33) Italy
-
- (51) A47J 36/06
(11) EP2989945
(21) EP15182870.4
(47) 30.01.2019
(22) 28.08.2015
(54) KITCHEN APPLIANCE WITH A
HEATABLE CONTAINER
(73) Vorwerk & Co. Interholding GmbH
(72) Arnold, Hans-Peter
(31) 102014112577
(32) 01.09.2014
(33) Germany
-
- (51) A47J 36/26
(11) EP3226730
(21) EP15807959.0
(47) 23.01.2019
(87) FR2015053237
09.06.2016
(22) 26.11.2015
(54) APPLIANCE AND METHOD FOR
COOKING FOODSTUFFS WITH
ALCOHOL
(73) Cookal
(72) PROBST, Laurent
(31) 1461809
(32) 02.12.2014
(33) France
-
- (51) A47J 37/06
A47J 37/07
A23B 4/044
(11) EP3236822
(21) EP15823361.9
(47) 30.01.2019
(87) FR2015053641
30.06.2016
(22) 18.12.2015
- (54) SMOKE-DIFFUSING ACCESSORY FOR
ELECTRIC BARBECUE
(73) SEB S.A.
(72) VOLATIER, Sébastien
LETAIN, François
(31) 1463189
(32) 23.12.2014
(33) France
-
- (51) A47J 43/04
(11) EP2907430
(21) EP15155226.2
(47) 30.01.2019
(22) 16.02.2015
(54) MULTIFUNCTION PROGRAMMABLE
FOODSTUFF PREPARATION
(73) The Boeing Company
(72) Freas, George Wilson
(31) 201414180852
(32) 14.02.2014
(33) United States of America
-
- (51) A47J 43/04
A47J 43/00
A47G 23/02
A47J 47/01
(11) EP3289939
(21) EP17188314.3
(47) 23.01.2019
(22) 29.08.2017
(54) ELECTRIC WINE DECANTER
(73) Wenzhou Sorbo Technology Co., Ltd.
(72) WU, Jianjun
LIU, Zhanfeng
ZHOU, Gang
LIN, Qingbao
(31) 201610770174
(32) 30.08.2016
(33) China
-
- (51) A47K 1/02
A47K 1/00
A47K 1/04
E03C 1/14
F21V 33/00
G02B 6/00
(11) EP2283756
(21) EP09750515.0
(47) 23.01.2019
(87) JP2009059055
26.11.2009
(22) 15.05.2009
(54) WASHING COUNTER
(73) TOTO LTD.
(72) KANEDA, Takeshi
WANO, Masanobu
NAGAKAWA, Hiroshi
ASOH, Shigeru
SUGIYAMA, Chihiro
KOGA, Mitsunori
EZAWA, Masaaki
(31) 2008131382
2009027878
(32) 19.05.2008
09.02.2009
(33) Japan
Japan
-
- (51) A47K 3/28
B05B 1/18
(11) EP2449931
(21) EP10794297.1
- (47) 23.01.2019
(87) KR2010003370
06.01.2011
(22) 27.05.2010
(54) WATER SPRAY PLATE
(73) Lee, Jang Woo
(72) Lee, Jang Woo
(31) 20090059753
(32) 01.07.2009
(33) Korea (Republic)
-
- (51) A47K 10/16
A47K 10/42
A47K 10/34
B65H 45/24
A47K 10/20
A47K 10/36
F16B 1/00
F16B 5/00
(11) EP3157402
(21) EP14895262.5
(47) 30.01.2019
(87) SE2014050764
23.12.2015
(22) 19.06.2014
(54) STACK OF Z-FOLDED WEB WITH
CONNECTOR TO ANOTHER STACK
(73) Essity Hygiene and Health Aktiebolag
(72) LARSSON, Björn
-
- (51) A47K 10/36
(11) EP2367468
(21) EP09771540.3
(47) 23.01.2019
(87) EP2009066163
10.06.2010
(22) 01.12.2009
(54) DISPENSER
(73) Essity Hygiene and Health Aktiebolag
(72) JOKITALO, Joonas
MÖLLER, Per
LARSSON, Björn
(31) 0802502
(32) 01.12.2008
(33) Sweden
-
- (51) A47L 1/06
A47L 13/11
(11) EP3257415
(21) EP17175485.6
(47) 23.01.2019
(22) 12.06.2017
(54) WINDOW WIPER AND ASSEMBLY OF A
WINDOW WIPER AND A WASHER
(73) Moerman NV
(72) VANDE VYVERE, Guy
(31) 201605443
(32) 15.06.2016
(33) Belgium
-
- (51) A47L 9/00
(11) EP3000368
(21) EP15175406.6
(47) 30.01.2019
(22) 06.07.2015
(54) ROBOT CLEANER
(73) LG Electronics Inc.
(72) KIM, Hwang
PARK, Sungil
(31) 20140126857
(32) 23.09.2014

(33) Korea (Republic)	(32) 14.04.2014	(54) A METHOD OF MANUAL SURFACE
(51) A47L 9/00	14.04.2014	CLEANING USING CLEANING
A47L 9/22	(33) Korea (Republic)	TEXTILES AND OF WASHING SAID
A47L 9/26	Korea (Republic)	CLEANING TEXTILES
A47L 5/36	(51) A47L 11/202	(73) Ecolab USA Inc.
(11) EP3210512	A47L 11/40	(72) LEUCHTEN, Elke
(21) EP17154117.0	A47L 5/30	HANSEN, Thomas
(47) 23.01.2019	A47L 9/04	SCHEPERS, Freek
(22) 01.02.2017	(11) EP3206548	(51) A47L 13/20
(54) VACUUM CLEANER COMPRISING AN	(21) EP15775220.5	A47L 13/255
OBLIQUELY ARRANGED BLOWER	(47) 30.01.2019	(11) EP2844122
(73) Miele & Cie. KG	(87) EP2015073116	(21) EP13773340.8
(72) AGETHEN, Michael	21.04.2016	(47) 23.01.2019
RINGELN, Andreas	(22) 07.10.2015	(87) IB2013053518
GERTH, Volker	(54) SURFACE CLEANING MACHINE AND	07.11.2013
HANKE, Martin	METHOD FOR OPERATING A SURFACE	(22) 03.05.2013
HARTMANN, Florian	CLEANING MACHINE	(54) MOP FOR CLEANING
(31) 102016103513	(73) Alfred Kärcher SE & Co. KG	(73) TTS Cleaning s.r.l.
(32) 29.02.2016	(72) MOSER, Fabian	(72) ZORZO, Renato
(33) Germany	SCHULZE, Manuel	(31) PD20120136
(51) A47L 9/16	RUFENACH, Christoph	(32) 04.05.2012
(11) EP2322070	BUCHMANN, Johanna	(33) Italy
(21) EP09773634.2	MÜLLER, Andreas	(51) A47L 13/22
(47) 23.01.2019	FRISCH, Mathias	(11) EP2708176
(87) KR2009002271	BRÄNDLE, Alexander	(21) EP13183843.5
07.01.2010	(31) 102014114813	(47) 23.01.2019
(22) 29.04.2009	(32) 13.10.2014	(22) 11.09.2013
(54) VACUUM CLEANER	(33) Germany	(54) Cleaning pad and steam appliance
(73) LG Electronics Inc.	(51) A47L 11/33	(73) Bissell Homecare, Inc.
(72) KIM, Young-Ho	A47L 11/40	(72) Hansen, Eric J.
(31) 20080063748	(11) EP2583610	Haley, Kevin
(32) 02.07.2008	(21) EP12189254.1	Kellis, Jay M.
(33) Korea (Republic)	(47) 30.01.2019	(31) 201261701940 P
(51) A47L 9/28	(22) 19.10.2012	(32) 17.09.2012
A47L 5/26	(54) Robot cleaner and control method for the	(33) United States of America
A47L 7/00	same	(51) A47L 13/38
A47L 9/04	(73) Samsung Electronics Co., Ltd	A47L 13/42
A47L 9/00	(72) Yoon, Sang Sik	A47L 13/46
(11) EP2468167	Kim, Byung Chan	B32B 5/02
(21) EP11194465.8	Lee, Jun Hwa	D04H 3/005
(47) 30.01.2019	Jung, Jae Young	D04H 3/08
(22) 20.12.2011	Jin, Hee Won	D04H 3/14
(54) Sterilizing system including vacuum cleaner	(31) 20110108221	D06C 15/02
for bedding	20120022470	A47L 13/20
(73) LG ELECTRONICS INC.	(32) 21.10.2011	B32B 5/26
(72) Lee, Changook	05.03.2012	A47L 13/16
Park, Changdo	(33) Korea (Republic)	B32B 37/10
Kim, Taekyung	Korea (Republic)	D06C 23/04
(31) 20100131155	(51) A47L 11/40	B29C 65/00
(32) 21.12.2010	A47L 9/28	B32B 37/00
(33) Korea (Republic)	(11) EP3108789	(11) EP3225391
(51) A47L 11/00	(21) EP16174754.8	(21) EP14906959.3
B05B 9/08	(47) 23.01.2019	(47) 30.01.2019
B05B 14/30	(22) 16.06.2016	(87) JP2014081623
D06F 43/00	(54) SUPPORT FOR SURFACE CLEANING	02.06.2016
(11) EP3132077	(73) Vorwerk & Co. Interholding GmbH	(22) 28.11.2014
(21) EP15780086.3	(72) Strang, Benjamin	(54) METHOD AND APPARATUS FOR
(47) 30.01.2019	Sernecki, Miron	FORMING COMPRESSION-BONDING
(87) KR2015002673	(31) 102015110140	PORTION TO CONTINUOUS BODY OF
22.10.2015	(32) 24.06.2015	WEB MEMBER WITH FIBER BUNDLE
(22) 19.03.2015	(33) Germany	(73) Unicharm Corporation
(54) HAND-HELD LAUNDRY TREATING	(51) A47L 13/17	(72) HOSHIKA, Kazuhiko
APPARATUS	(11) EP3174446	ISHIKAWA, Yoshihide
(73) LG Electronics Inc.	(21) EP14745148.8	NOBUKUNI, Hisaoki
(72) LEE, Junghoon	(47) 30.01.2019	(51) A47L 15/42
HONG, Sogkie	(87) EP2014066575	(11) EP3089644
(31) 20140044255	04.02.2016	(21) EP14830660.8
20140044256	(22) 01.08.2014	(47) 30.01.2019

(87) IB2014066922 09.07.2015	(47) 30.01.2019	NGUYEN, Tuan, Anh
(22) 15.12.2014	(87) IB2013061360 03.07.2014	SHARMA, Sameer
(54) DISHWASHER	(22) 27.12.2013	SATHE, Rahul
(73) Whirlpool EMEA S.p.A	(54) A CUTLERY TRAY FOR DISHWASHER	DENARDO, Matthew
(72) LIPPERA, Mario	(73) Whirlpool EMEA S.p.A	DILLON, Christopher
GIORCELLI, Roberto	(72) SEU, Antonio	GREELEY, Gabriel
MARVARDI, Giacomo	(31) TO20121172	ASSAL, Anthony
(31) PR20130114	(32) 31.12.2012	EVANS, Stephen
(32) 30.12.2013	(33) Italy	VAN HILL, Jeremy
(33) Italy	(51) A61B 1/00	WHITNEY, Ashley
(51) A47L 15/42	(11) EP3195787	YAZBECK, Richard
A47L 15/24	(21) EP16779893.3	FORTUNATE, Alan
D06F 39/08	(47) 23.01.2019	BELL, Audrey
(11) EP2116168	(87) JP2016059718 20.10.2016	ROBINSON, Timothy
(21) EP09006072.4	(22) 25.03.2016	CHOUINARD, Brian, David
(47) 30.01.2019	(54) CAPSULE MEDICAL DEVICE	CHAN, Phala
(22) 04.05.2009	(73) Olympus Corporation	REBH, William
(54) Dirt separation device with level regulation	(72) SEGAWA, Hidetake	(31) 201562170497 P
(73) MEIKO Maschinenbau GmbH & Co. KG	(31) 2015083353	201562170476 P
(72) Röderer, Thomas	(32) 15.04.2015	201562244008 P
Franz, Joachim Dipl.-Ing. (FH)	(33) Japan	201562244214 P
(31) 102008022960	(51) A61B 1/00	201662305804 P
(32) 09.05.2008	(11) EP3072437	201662305773 P
(33) Germany	(21) EP16152515.9	201662305797 P
(51) A47L 15/44	(47) 23.01.2019	(32) 03.06.2015
(11) EP3305159	(22) 25.01.2016	03.06.2015
(21) EP17193390.6	(54) ENDOSCOPE AND ENDOSCOPIC SYSTEM	20.10.2015
(47) 23.01.2019	(73) Panasonic Intellectual Property Management Co., Ltd.	21.10.2015
(22) 27.09.2017	(72) TAKENAGA, Yuuichi	09.03.2016
(54) METERING DEVICE	KATAHIRA, Haruyasu	09.03.2016
(73) Miele & Cie. KG	(31) 2015060096	09.03.2016
(72) Wegener, Dirk	(32) 23.03.2015	(33) United States of America
Hils, Fabian	(33) Japan	United States of America
(31) 102016118929	(51) A61B 1/00	United States of America
(32) 06.10.2016	(11) EP3289952	United States of America
(33) Germany	(21) EP17187678.2	United States of America
(51) A47L 15/44	(47) 30.01.2019	United States of America
(11) EP3289952	(22) 24.08.2017	United States of America
(21) EP17187678.2	(54) DISHWASHER, IN PARTICULAR HOUSEHOLD DISHWASHER, AND CORRESPONDING METHOD	United States of America
(47) 30.01.2019	(73) Fujifilm Corporation	United States of America
(22) 24.08.2017	(72) ANDO, Tadashi	United States of America
(54) DISHWASHER, IN PARTICULAR HOUSEHOLD DISHWASHER, AND CORRESPONDING METHOD	IYAMA, Shozo	United States of America
(73) Miele & Cie. KG	(31) 2016166767	United States of America
(72) Wegener, Dirk	(32) 29.08.2016	United States of America
Hils, Fabian	(33) Japan	United States of America
Kröger, Günter	(51) A61B 1/00	(51) A61B 1/00
Nitsche, Peter	(11) EP3302218	(51) A61B 1/04
(31) 102016116442	(21) EP16759849.9	(51) A61B 1/06
(32) 02.09.2016	(47) 30.01.2019	(51) G02B 23/24
(33) Germany	(87) IB2016000869 08.12.2016	(11) EP2456349
(51) A47L 15/50	(22) 03.06.2016	(21) EP10735124.9
(11) EP3300649	(54) APPARATUS FOR MANIPULATING THE SIDE WALL OF A BODY LUMEN OR BODY CAVITY SO AS TO PROVIDE INCREASED VISUALIZATION OF THE SAME AND/OR INCREASED ACCESS TO THE SAME, AND/OR FOR STABILIZING INSTRUMENTS RELATIVE TO THE SAME	(47) 23.01.2019
(21) EP16191447.8	(73) Lumendi Ltd.	(87) US2010041927 27.01.2011
(47) 23.01.2019	(72) MILSOM, Jeffrey	(22) 14.07.2010
(22) 29.09.2016	CORNHILL, John, Frederick	(54) ENDOSCOPIC IMAGING SYSTEM
(54) LOAD PLATFORM FOR A CLEANING APPLIANCE		(73) Smith & Nephew, Inc.
(73) Belimed AG		(72) KAZAKEVICH, Yuri
(72) Fankhauser, Simon		LE, Tung Van
Brun, Dominik		(31) 508162
Jenko, Jan		(32) 23.07.2009
(51) A47L 15/50		(33) United States of America
(11) EP2938242		(51) A61B 1/00
(21) EP13828879.0		A61B 6/00
		A61B 5/07
		A61B 5/00
		(11) EP3073891
		(21) EP14863609.5
		(47) 30.01.2019
		(87) IL2014050998
		28.05.2015
		(22) 18.11.2014
		(54) LINEAR FAIL SAFE RADIATION CONCEALMENT MECHANISM
		(73) Check-Cap Ltd.

(72) KIMCHY, Yoav BRENNER, Shai	(54) DEVICE FOR TRACHEAL INTUBATION	01.03.2005
(31) 201361908184 P	(73) Duepuntozero S.r.l.	(33) United States of America
(32) 25.11.2013	(72) FERRARIO, Mario Agostino	United States of America
(33) United States of America	(31) MO20150060	United States of America
(51) A61B 1/00	(32) 16.03.2015	United States of America
G02B 23/24	(33) Italy	(51) A61B 5/00
G02B 23/26	(51) A61B 1/267	(11) EP2389857
G02B 26/10	A61B 5/00	(21) EP11166748.1
A61B 1/07	A61B 5/06	(47) 30.01.2019
(11) EP2848188	A61B 34/20	(22) 19.05.2011
(21) EP13849728.4	G06T 7/00	(54) Alarm generation for patient monitoring
(47) 30.01.2019	A61M 25/095	(73) General Electric Company
(87) JP2013074102	(11) EP2293839	(72) Rantala, Borje
01.05.2014	(21) EP09758027.8	(31) 787941
(22) 06.09.2013	(47) 30.01.2019	(32) 26.05.2010
(54) SCANNING ENDOSCOPE SYSTEM	(87) IL2009000569	(33) United States of America
(73) Olympus Corporation	10.12.2009	(51) A61B 5/00
(72) SAKAI, Yuji	(22) 07.06.2009	(11) EP3169219
OKITA, Yoshinari	(54) HYBRID REGISTRATION SYSTEM	(21) EP14766804.0
(31) 2012233024	(73) Covidien LP	(47) 30.01.2019
(32) 22.10.2012	(72) AVERBUCH, Dorian	(87) IB2014063109
(33) Japan	ZUR, Oded	21.01.2016
(51) A61B 1/005	WEINGARTEN, Oren	(22) 15.07.2014
(11) EP2123231	(31) 59669 P	(54) SENSOR FOR MEASUREMENT OF
(21) EP09006719.0	(32) 06.06.2008	PHYSIOLOGICAL ELECTRICAL
(47) 23.01.2019	(33) United States of America	SIGNALS
(22) 19.05.2009	(51) A61B 3/117	(73) Comftech S.r.L.
(54) Bending tube and medical apparatus	A61B 3/14	(72) MOLTANI, Lara Alessia Laura
(73) Olympus Corporation	A61B 3/125	ANDREONI, Giuseppe
(72) Dejima, Takumi	(11) EP2866640	(51) A61B 5/00
Hashimoto, Tatsutoshi	(21) EP13810758.6	A61B 5/04
(31) 123024	(47) 30.01.2019	A61B 5/0452
(32) 19.05.2008	(87) US2013048164	A61N 1/37
(33) United States of America	03.01.2014	G06F 19/00
(51) A61B 1/06	(22) 27.06.2013	(11) EP2984984
A61B 90/30	(54) MULTIPLE-VIEW COMPOSITE	(21) EP14184977.8
A61B 34/30	OPHTHALMIC IRIDOCORNEAL ANGLE	(47) 30.01.2019
A61B 90/00	IMAGING SYSTEM	(22) 16.09.2014
A61B 1/00	(73) Broadspot Imaging Corporation	(54) Device and method for recording
A61B 1/05	(72) RANCHOD, Tushar, Mahendra	physiological signal
A61B 1/313	(31) 201213534604	(73) MediaTek, Inc
A61B 17/34	PCT/US2013/043302	(72) Fu, Chih-Ming
A61B 1/32	(32) 27.06.2012	(31) 201414460789
(11) EP2934279	30.05.2013	(32) 15.08.2014
(21) EP13828771.9	(33) United States of America	(33) United States of America
(47) 30.01.2019	World Intellectual Property Office (WIPO)	(51) A61B 5/00
(87) DE2013000805	(51) A61B 5/00	A61B 5/145
26.06.2014	(11) EP1860993	A61M 5/142
(22) 12.12.2013	(21) EP06736797.9	H04W 84/18
(54) ENDOSCOPE AND SURGICAL	(47) 23.01.2019	H04W 84/20
ROBOTER SYSTEM WITH A MULTI-	(87) US2006007536	(11) EP2797498
CAMERA SYSTEM FOR MINIMALLY	08.09.2006	(21) EP12812524.2
INVASIVE SURGERY	(22) 01.03.2006	(47) 23.01.2019
(73) avateramedical GmbH	(54) NONINVASIVE MULTI-PARAMETER	(87) EP2012005190
(72) VON GRÜNBERG, Hubertus	PATIENT MONITOR	04.07.2013
SEEBER, Marcel	(73) Masimo Laboratories, Inc.	(22) 17.12.2012
(31) 102012025102	(72) AL-ALI, Ammar	(54) GRAPHICAL USER INTERFACE
(32) 20.12.2012	KIANI, Joe, E.	PERTAINING TO A BOLUS
(33) Germany	DIAB, Mohamed	CALCULATOR RESIDING ON A
(51) A61B 1/267	WU, Roger	HANDHELD DIABETES MANAGEMENT
A61B 1/018	FISHEL, Rick	DEVICE
(11) EP3270762	(31) 657596 P	(73) F.Hoffmann-La Roche AG
(21) EP16719498.4	657759 P	(72) GALLEY, Paul, J.
(47) 23.01.2019	657268 P	MEARS, Mark, G.
(87) IB2016051443	657281 P	PASH, Phillip, E.
22.09.2016	(32) 01.03.2005	RIZZO, Vincent, R.
(22) 14.03.2016	01.03.2005	STEINER, Bettina
	01.03.2005	WESTERFIELD, Kristin, M.

WILSON, Richard, W.	United States of America	A61F 2/70
(31) 201161581149 P	(51) A61B 5/026	A61F 2/76
201213595202	A61B 5/0245	(11) EP3000391
(32) 29.12.2011	(11) EP3287070	(21) EP15188459.0
27.08.2012	(21) EP16897461.6	(47) 30.01.2019
(33) United States of America	(47) 23.01.2019	(22) 01.06.2011
United States of America	(87) JP2016084746	(54) SYSTEMS FOR VOLITIONAL
(51) A61B 5/00	04.01.2018	CONTROL OF JOINTED MECHANICAL
A61B 5/22	(22) 24.11.2016	DEVICES BASED ON SURFACE
(11) EP2482716	(54) BLOOD FLOW DYNAMIC IMAGING	ELECTROMYOGRAPHY
(21) EP10821337.2	DIAGNOSIS DEVICE AND DIAGNOSIS	(73) Vanderbilt University
(47) 23.01.2019	METHOD	(72) GOLDFARB, Michael
(87) US2010051131	(73) Softcare Co., Ltd.	VAROL, Huseyin Atakan
07.04.2011	(72) FUJII, Hitoshi	HA, Kevin
(22) 01.10.2010	OKAMOTO, Kenji	(31) 360676 P
(54) MULTIMODAL AUTOMATED SENSORY	LE, Phuong Thuy	(32) 01.07.2010
TESTING SYSTEM AND METHOD	TAKAHASHI, Noriyoshi	(33) United States of America
(73) The Regents of The University of Michigan	SHIRAKAWA, Takeshi	(51) A61B 5/053
(72) HARTE, Steven E.	KUROKI, Tetsu	(11) EP2615972
KRUGER, Grant H.	(31) 2016127441	(21) EP11826062.9
CLAUW, Daniel	(32) 28.06.2016	(47) 23.01.2019
(31) 248118 P	(33) Japan	(87) US2011052042
(32) 02.10.2009	(51) A61B 5/0408	22.03.2012
(33) United States of America	A61B 18/14	(22) 16.09.2011
(51) A61B 5/0205	A61M 25/01	(54) APPARATUS FOR THE AUTOMATED
(11) EP1906817	A61M 25/00	MEASUREMENT OF SURAL NERVE
(21) EP06786669.9	A61B 5/042	CONDUCTION VELOCITY AND
(47) 30.01.2019	(11) EP2234537	AMPLITUDE
(87) US2006026591	(21) EP08867908.9	(73) Neurometrix, Inc.
18.01.2007	(47) 23.01.2019	(72) BOETTCHER, Bonniejean
(22) 10.07.2006	(87) US2008013553	CRYAN, Marc
(54) ASSESSMENT OF SLEEP QUALITY	09.07.2009	GOZANI, Shai, N.
AND SLEEP DISORDERED BREATHING	(22) 10.12.2008	HERB, Glenn
BASED ON CARDIOPULMONARY	(54) NON CONTACT MAPPING CATHETER	KONG, Xuan
COUPLING	(73) Boston Scientific Scimed, Inc.	WILLIAMS, Michael
(73) Beth Israel Deaconess Medical Center, Inc.	(72) HARLEV, Doron	FENDROCK, Charles
(72) MIETUS, Joseph E.	CALLAWAY, Justin	(31) 201161467857 P
PENG, Chung-Kang	(31) 5975	459127 P
THOMAS, Robert J.	(32) 28.12.2007	201161516944 P
GOLDBERGER, Ary, L.	(33) United States of America	403453 P
(31) 178990	(51) A61B 5/0476	201161571203 P
(32) 12.07.2005	A61B 5/00	(32) 25.03.2011
(33) United States of America	(11) EP3282941	06.12.2010
(51) A61B 5/021	(21) EP16716224.7	11.04.2011
A61B 5/022	(47) 23.01.2019	16.09.2010
A61B 5/00	(87) EP2016058203	22.06.2011
(11) EP3277170	20.10.2016	(33) United States of America
(21) EP16716390.6	(22) 14.04.2016	United States of America
(47) 23.01.2019	(54) PROVIDING SENSORY STIMULATION	United States of America
(87) US2016025456	BASED ON SLOW WAVE PERIODICITY	United States of America
06.10.2016	(73) Koninklijke Philips N.V.	United States of America
(22) 01.04.2016	(72) PFUNDTNER, Stefan	(51) A61B 5/097
(54) TRANSDUCING PRESSURE TO A NON-	GARCIA MOLINA, Gary Nelson	A61M 16/00
INVASIVE PULSE SENSOR	TSONEVA, Tsvetomira Kirova	(11) EP2628445
(73) Microsoft Technology Licensing, LLC	(31) 201562147332 P	(21) EP12155867.0
(72) SAPONAS, Scott T.	15166099	(47) 30.01.2019
BASU, Sumit	(32) 14.04.2015	(22) 17.02.2012
MORRIS, Daniel	01.05.2015	(54) APPARATUS FOR ANALYZING
GUPTA, Sidhant	(33) United States of America	BREATHING GAS FLOWING ALONG
MALLADI, Sailaja	European Patent Office (EPO)	A BREATHING TUBING FOR SUBJECT
TAN, Desney S.	(51) A61B 5/0488	BREATHING
VILLAR, Nicolas	A61F 2/60	(73) General Electric Company
PATEL, Shwetak N.	A61F 2/64	(72) HAVERI, Heikki Antti Mikael
(31) 201562142389 P	A61F 2/66	(51) A61B 5/107
201514750747	A61F 2/72	(11) EP3245951
(32) 02.04.2015	A61F 5/01	(21) EP17179279.9
25.06.2015	B25J 9/00	(47) 30.01.2019
(33) United States of America	A61F 2/68	(22) 08.04.2015

(54) BLOOD VESSEL SIZING DEVICE	(11) EP3136966	HANNEMANN, Thilo
(73) Sizer LLC	(21) EP15786586.6	KUHRT, Sören
(72) PARK, Richard B.	(47) 23.01.2019	(31) 102014216718
(31) 201414248101	(87) US2015028708	(32) 22.08.2014
(32) 08.04.2014	05.11.2015	(33) Germany
(33) United States of America	(22) 01.05.2015	(51) A61B 6/03
(51) A61B 5/113	(54) DEVICE FOR ASSESSING	A61B 1/00
A61B 5/00	INTRAVASCULAR PRESSURE	A61B 6/00
(11) EP3264983	(73) Koninklijke Philips N.V.	(11) EP2901935
(21) EP16709318.6	(72) STIGALL, Jeremy	(21) EP13842951.9
(47) 23.01.2019	LAUINGER, Joseph	(47) 30.01.2019
(87) EP2016054706	(31) 201461987618 P	(87) JP2013005496
15.09.2016	(32) 02.05.2014	03.04.2014
(22) 04.03.2016	(33) United States of America	(22) 18.09.2013
(54) DEVICE IN THE FORM OF A GARMENT	(51) A61B 5/15	(54) METHOD AND DEVICE FOR
FOR MONITORING A PHYSIOLOGICAL	A61M 5/32	GENERATING VIRTUAL ENDOSCOPE
PARAMETER OF A USER	A61B 5/153	IMAGE, AND PROGRAM
(73) Bioserenity	A61B 5/154	(73) FUJIFILM Corporation
(72) GOUTHEZ, Marion	A61M 5/50	(72) SAKURAGI, Futoshi
ZORMAN, Sylvain	(11) EP3225162	(31) 2012211644
FROUIN, Pierre-Yves	(21) EP17170685.6	(32) 26.09.2012
(31) 1551896	(47) 30.01.2019	(33) Japan
(32) 06.03.2015	(22) 09.09.2008	(51) A61B 6/03
(33) France	(54) SAFETY BLOOD COLLECTION	A61B 6/00
(51) A61B 5/145	ASSEMBLY WITH INDICATOR	(11) EP2858571
A61B 5/00	(73) Becton, Dickinson and Company	(21) EP13801112.7
(11) EP2898826	(72) Crawford, Jamieson	(47) 23.01.2019
(21) EP14183958.9	Ellis, Robert	(87) US2013044673
(47) 30.01.2019	Wilkinson, Bradley M.	12.12.2013
(22) 08.09.2014	Bartfeld, Benjamin	(22) 07.06.2013
(54) Lactate measuring device and method for	Newby, Mark C.	(54) INTEGRATION OF QUANTITATIVE
training adjustment in sports	Tan, Chee Leong Alvin	CALIBRATION SYSTEMS IN
(73) Micro Nipple Technology Co., Ltd.	Moh, Jon	COMPUTED TOMOGRAPHY SCANNERS
National Taipei University of Technology	Sim, Stanley	(73) The Johns Hopkins University
(72) Huang, Juang-Tang	Chia, Yu Leng Neville	(72) SIEWERDSEN, Jeffrey H.
(31) 103103313	(31) 44469	ALMUHIT, Abdullah
(32) 28.01.2014	206299	CARRINO, John
(33) Taiwan, Province of China	(32) 07.03.2008	(31) 201261656775 P
(51) A61B 5/145	08.09.2008	(32) 07.06.2012
A61M 5/142	(33) United States of America	(33) United States of America
A61B 5/00	United States of America	(51) A61B 6/03
G06F 19/00	(51) A61B 5/155	A61B 6/00
(11) EP1890743	(11) EP2271262	A61B 6/02
(21) EP06742699.9	(21) EP09741827.1	(11) EP3316785
(47) 30.01.2019	(47) 23.01.2019	(21) EP17757556.0
(87) EP2006003869	(87) EP2009003057	(47) 23.01.2019
02.11.2006	12.11.2009	(87) EP2017071508
(22) 26.04.2006	(22) 28.04.2009	15.03.2018
(54) ENERGY-OPTIMISED DATA	(54) LANCET WHEEL AND METHOD FOR	(22) 28.08.2017
TRANSMISSION FOR A MEDICAL	MANUFACTURING A LANCET WHEEL	(54) APPARATUS FOR MULTI MATERIAL
APPLIANCE	(73) F. Hoffmann-La Roche AG	DECOMPOSITION
(73) F. Hoffmann-La Roche AG	(72) KEIL, Michael	(73) Koninklijke Philips N.V.
(72) SCHOEMAKER, Michael	(31) 08008393	(72) GOSHEN, Liran
FRANKHAUSER, Sybille	(32) 03.05.2008	(31) 16187835
BERNINI, Nicole	(33) European Patent Office (EPO)	(32) 08.09.2016
JECKELMANN, Joel	(51) A61B 6/00	(33) European Patent Office (EPO)
LA BASTIDE, Sebastiaan	(11) EP3182895	(51) A61B 6/03
MEYER OLDEN, Gunnar	(21) EP15757448.4	A61B 6/00
ESSENPREIS, Matthias	(47) 30.01.2019	G06T 11/00
(31) 102005019306	(87) EP2015068627	G01R 33/48
(32) 26.04.2005	25.02.2016	(11) EP3297537
(33) Germany	(22) 13.08.2015	(21) EP16725780.7
(51) A61B 5/1473	(54) CONTROL OF THE POSITIONING OF	(47) 30.01.2019
A61B 5/0215	A SCANNING REGION OF A MEDICAL	(87) EP2016060363
A61B 5/107	IMAGING SYSTEM	24.11.2016
A61B 8/12	(73) Siemens Healthcare GmbH	(22) 10.05.2016
A61B 5/02	(72) UEBLER, Johann	
A61B 8/06	WEYERMANN, Bernhard	

(54) ESTIMATION OF AN ATTENUATION MAP BASED ON SCATTERED COINCIDENCES IN A PET SYSTEM	(31) 461871 P 821407	A61B 8/00
(73) Koninklijke Philips N.V.	(32) 09.04.2003	(11) EP2454995
(72) BERKER, Yannick SCHULZ, Volkmar	08.04.2004	(21) EP09847337.4
(31) 15168181	(33) United States of America	(47) 23.01.2019
(32) 19.05.2015	United States of America	(87) JP2009062909
(33) European Patent Office (EPO)	<hr/>	20.01.2011
(51) A61B 7/04	(51) A61B 8/00	(22) 16.07.2009
(11) EP3131469	G01S 7/52	(54) ULTRASONIC BLOOD VESSEL EXAMINATION APPARATUS
(21) EP15780719.9	A61B 8/08	(73) Unex Corporation
(47) 23.01.2019	G06F 13/28	(72) SUZUKI Hidenori
(87) US2015026103	G06F 13/16	IIKUBO Katsushi
22.10.2015	(11) EP3117774	HARADA Chikao
(22) 16.04.2015	(21) EP14885705.5	MASUDA Hiroshi
(54) DEVICE FOR WIDE-BAND AUSCULTATION	(47) 30.01.2019	<hr/>
(73) Bongiovi Acoustics LLC	(87) KR2014002198	(51) A61B 8/08
(72) COPT, Ryan	17.09.2015	G06T 1/00
BUTERA, Joseph III	(22) 14.03.2014	G06T 15/08
SUMMERS, Robert, J. III	(54) SOFTWARE-BASED ULTRASOUND IMAGING SYSTEM	(11) EP2620103
(31) 201461980302 P	(73) Alpinion Medical Systems Co., Ltd.	(21) EP11826639.4
201414476134	(72) CHANG, Sun-yeob	(47) 23.01.2019
201514607513	KOO, Ja-woon	(87) JP2011067191
(32) 16.04.2014	KANG, Seung-pum	29.03.2012
03.09.2014	SON, Keonho	(22) 28.07.2011
28.01.2015	<hr/>	(54) ULTRASOUND DIAGNOSTIC EQUIPMENT AND ULTRASOUND IMAGE DISPLAY METHOD
(33) United States of America	(51) A61B 8/02	(73) Hitachi, Ltd.
United States of America	G01S 7/52	(72) INOUE, Shinsuke
United States of America	G01S 15/89	(31) 2010211163
(51) A61B 8/00	(11) EP2448495	(32) 21.09.2010
(11) EP2630916	(21) EP10731798.4	(33) Japan
(21) EP11834358.1	(47) 30.01.2019	<hr/>
(47) 23.01.2019	(87) IB2010052469	(51) A61B 8/12
(87) JP2011073952	06.01.2011	A61B 8/00
26.04.2012	(22) 02.06.2010	A61B 18/14
(22) 18.10.2011	(54) THREE DIMENSIONAL FETAL HEART IMAGING BY NON-ECG PHYSIOLOGICAL GATED ACQUISITION	A61B 90/00
(54) ULTRASOUND PROBE AND ULTRASOUND DIAGNOSTIC APPARATUS	(73) Koninklijke Philips N.V.	(11) EP3117776
(73) Toshiba Medical Systems Corporation	(72) JAGO, James	(21) EP16182768.8
(72) AOKI, Minoru	DOW, Alasdair	(47) 23.01.2019
(31) 2010235809	COLLET-BILLON, Antoine	(22) 15.09.2010
(32) 20.10.2010	PUMPHREY, Lisa	(54) ULTRASOUND CATHETER WITH TEMPERATURE DETECTION AT DISTAL END
(33) Japan	DETMER, Paul	(73) Koninklijke Philips N.V.
(51) A61B 8/00	(31) 221885 P	(72) MEGENS, Mischa
A61B 8/08	(32) 30.06.2009	SUIJVER, Jan Frederik
A61B 5/00	(33) United States of America	(31) 09170526
(11) EP1610687	(51) A61B 8/08	(32) 17.09.2009
(21) EP04759419.7	G01S 7/52	(33) European Patent Office (EPO)
(47) 23.01.2019	(11) EP2468191	<hr/>
(87) US2004011129	(21) EP11195229.7	(51) A61B 8/12
28.10.2004	(47) 30.01.2019	G01N 29/24
(22) 09.04.2004	(22) 22.12.2011	H04R 17/00
(54) BREAST SCANNING SYSTEM	(54) Ultrasound diagnosis apparatus for providing map of interest index	H04R 31/00
(73) QT Ultrasound, LLC	(73) Samsung Medison Co., Ltd.	(11) EP3165168
(72) JOHNSON, Steven, A.	(72) Sandstrom, Kurt	(21) EP15830708.2
BERGGREN, Michael	Kim, Tae-Yun	(47) 30.01.2019
BORUP, David, T.	Lee, Yoon Chang	(87) JP2015062255
HANOVER, Barry, K.	(31) 20100132633	11.02.2016
HANOVER, Rita	20110125211	(22) 22.04.2015
KAMMEYER, Martin	11163085	(54) ULTRASOUND OBSERVATION APPARATUS AND MANUFACTURING METHOD OF AN ULTRASOUND OBSERVATION APPARATUS
OLSEN, Scott	(32) 22.12.2010	(73) Olympus Corporation
PATTEE, Jeffrey	28.11.2011	(72) SATO, Sunao
SETINSEK, Frank, L.	19.04.2011	(31) 2014162807
STEWART, Kortlan, D.	(33) Korea (Republic)	(32) 08.08.2014
WISKIN, James	Korea (Republic)	(33) Japan
	European Patent Office (EPO)	<hr/>
	(51) A61B 8/08	(51) A61B 10/00
	G01S 15/89	

(11) EP3058877	(54) Devices for repairing and anchoring damaged tissue	Richard, Paul
(21) EP16156983.5	(73) DePuy Mitek, LLC	(31) 201462017539 P
(47) 30.01.2019	(72) Sengun, Mehmet Ziya	201514672731
(22) 23.02.2016	Capobianco, Mark A.	(32) 26.06.2014
(54) DEVICE FOR TRANSPORTING, EXAMINING AND/OR STORING A TISSUE SAMPLE	Fifolt, Douglas Allen	30.03.2015
(73) FWB Kunststofftechnik GmbH	Dimatteo, Kristian	(33) United States of America
(72) Huschmand Nia, Abdolhamid	Whittaker, Gergory R.	United States of America
(31) 102015002109	Storey, Brooks J.	(51) A61B 17/072
(32) 23.02.2015	(31) 509112	(11) EP3192456
(33) Germany	(32) 24.07.2009	(21) EP17156842.1
(51) A61B 17/02	(33) United States of America	(47) 30.01.2019
A61B 17/34	(51) A61B 17/064	(22) 05.11.2015
(11) EP3075324	A61B 17/072	(54) STAPLE CARTRIDGE COMPRISING A RELEASABLE ADJUNCT MATERIAL
(21) EP16167739.8	(11) EP3120780	(73) Ethicon Endo-Surgery, Inc.
(47) 30.01.2019	(21) EP16180073.5	(72) BAXTER, III Chester O.
(22) 09.05.2012	(47) 23.01.2019	MORGAN, Jerome R.
(54) WOUND RETRACTOR	(22) 19.07.2016	SHELTON, IV Frederick E.
(73) Applied Medical Resources Corporation	(54) ENDOSCOPIC STAPLER	(31) 201414535081
(72) Albrecht, Jeremy J.	(73) Covidien LP	(32) 06.11.2014
Hart, Charles C.	(72) Kostrzewski, Stanislaw	(33) United States of America
Nguyen, Eric	Aranyi, Ernest	(51) A61B 17/072
Yawata, Haruyasu	Marczyk, Stanislaw	A61L 31/04
Hilal, Nabil	(31) 201514803249	A61L 31/06
(31) 201161484362 P	(32) 20.07.2015	A61L 31/14
(32) 10.05.2011	(33) United States of America	A61B 17/00
(33) United States of America	(51) A61B 17/068	A61B 17/29
(51) A61B 17/04	A61B 17/072	(11) EP2870926
(11) EP2422715	(11) EP2959839	(21) EP14192329.2
(21) EP11179070.5	(21) EP15173803.6	(47) 30.01.2019
(47) 23.01.2019	(47) 30.01.2019	(22) 07.11.2014
(22) 26.08.2011	(22) 25.06.2015	(54) Positively charged implantable materials
(54) Suture anchor and threader	(54) ADAPTER ASSEMBLY FOR INTERCONNECTING ELECTROMECHANICAL SURGICAL DEVICES AND SURGICAL LOADING UNITS, AND SURGICAL SYSTEMS THEREOF	(73) Ethicon LLC
(73) DePuy Mitek, LLC	(73) Covidien LP	(72) Shelton, IV, Frederick E.
(72) Sojka, Erik Sebastian	(72) ZERGIEBEL, EARL	Widenhouse, Tamara S. V.
Stephen, Arthur G.	CHOWANIEC, David	Henderson, Cortney E.
Francisco-Guilherme, Andre	WILLIAMS, Ryan	(31) 201314075438
Wolfson, Mark W	SUBRAMANIAN, Anand	(32) 08.11.2013
Ortrando, Brian Henri	RICHARD, Paul	(33) United States of America
Gamache, Daniel Paul	(31) 201462017610 P	(51) A61B 17/11
Piccirillo, Justin M.	201514672973	A61F 2/06
Weinert, Christopher	(32) 26.06.2014	(11) EP3136983
(31) 378190 P	30.03.2015	(21) EP15722391.8
(32) 30.08.2010	(33) United States of America	(47) 30.01.2019
(33) United States of America	United States of America	(87) US2015028715
(51) A61B 17/04	(51) A61B 17/068	05.11.2015
(11) EP2422714	A61B 17/072	(22) 01.05.2015
(21) EP11179063.0	(11) EP2959842	(54) ANASTOMOSIS DEVICES
(47) 23.01.2019	(21) EP15173910.9	(73) W. L. Gore & Associates, Inc.
(22) 26.08.2011	(47) 30.01.2019	(72) SAMBANDAM, Sakthi
(54) Anchor driver with suture clutch	(22) 25.06.2015	(31) 201461987954 P
(73) DePuy Mitek, LLC	(54) ADAPTER ASSEMBLIES FOR INTERCONNECTING ELECTROMECHANICAL HANDLE ASSEMBLIES AND SURGICAL LOADING UNITS	201514701338
(72) Sojka, Erik Sebastian	(73) Covidien LP	(32) 02.05.2014
Stephen, Arthur G.	(72) CHOWANIEC, David	30.04.2015
Francisco-Guilherme, Andre	PRIBANIC, Russell	(33) United States of America
Wolfson, Mark W.	MARCZYK, Stanislaw	United States of America
Ortrando, Brian Henri	ZERGIEBEL, Earl	(51) A61B 17/115
Gamache, Daniel Paul	IRKA, Philip	(11) EP2928388
Piccirillo, Justin M.	SUBRAMANIAN, Anand	(21) EP13812310.4
(31) 378177 P		(47) 30.01.2019
(32) 30.08.2010		(87) US2013073106
(33) United States of America		12.06.2014
(51) A61B 17/04		(22) 04.12.2013
(11) EP2277457		(54) CIRCULAR ANVIL INTRODUCTION SYSTEM WITH ALIGNMENT FEATURE
(21) EP10251328.0		(73) Ethicon LLC
(47) 30.01.2019		(72) SCHEIB, Charles J.
(22) 26.07.2010		HENDERSON, Cortney E.

SHELTON, Frederick E., IV	(33) United States of America	(73) Cordis Corporation
(31) 201213693455	(51) A61B 17/16	(72) MAJERCAK, David C.
(32) 04.12.2012	(11) EP2928390	(31) 201414493711
(33) United States of America	(21) EP13862407.7	(32) 23.09.2014
(51) A61B 17/12	(47) 30.01.2019	(33) United States of America
(11) EP2777547	(87) US2013074194	(51) A61B 17/29
(21) EP14166678.4	19.06.2014	A61B 17/34
(47) 30.01.2019	(22) 10.12.2013	A61B 34/00
(22) 05.02.2008	(54) SYSTEM AND APPARATUS FOR	(11) EP2783643
(54) Winding mandrel for vasoocclusive coils	GRAFTING TISSUE	(21) EP12850884.3
(73) Micrus Endovascular Corporation	(73) The Curators of the University of Missouri	(47) 23.01.2019
(72) Gorospe, Marcelino	(72) PFEIFFER, Ferris, M.	(87) KR2012009364
San Diego, Edsel	STOKER, Aaron, M.	30.05.2013
Ho, Thu Anh	COOK, James, L.	(22) 08.11.2012
(31) 899967 P	(31) 201261735456 P	(54) SURGICAL INSTRUMENT
(32) 07.02.2007	(32) 10.12.2012	(73) Livsmed Inc.
(33) United States of America	(33) United States of America	(72) LEE, Jung Joo
(51) A61B 17/12	(51) A61B 17/16	(31) 20110123071
(11) EP3171792	A61B 17/32	20110123074
(21) EP15745737.5	A61B 17/00	20110123075
(47) 30.01.2019	(11) EP3277202	(32) 23.11.2011
(87) US2015042074	(21) EP16712369.4	23.11.2011
28.01.2016	(47) 30.01.2019	23.11.2011
(22) 24.07.2015	(87) EP2016057045	(33) Korea (Republic)
(54) COVERED EMBOLIC COILS	06.10.2016	Korea (Republic)
(73) Incumedx Inc.	(22) 31.03.2016	Korea (Republic)
(72) GARZA, Armando	(54) PERCUTANEOUS DISC CLEARING	(51) A61B 17/295
(31) 201462029413 P	DEVICE	A61B 17/29
(32) 25.07.2014	(73) Medos International S.à.r.l	(11) EP3130298
(33) United States of America	(72) CHEGINI, Salman	(21) EP16190890.0
(51) A61B 17/12	RICHTER, Joern	(47) 23.01.2019
(11) EP3264997	THOMMEN, Daniel	(22) 08.11.2013
(21) EP16713591.2	(31) 201514674310	(54) METHOD OF ASSEMBLING FORCEPS
(47) 30.01.2019	(32) 31.03.2015	WITH A ROTATION ASSEMBLY
(87) IB2016051175	(33) United States of America	(73) Gyrus Acmi Inc.
09.09.2016	(51) A61B 17/16	(72) Windgassen, Ryan
(22) 02.03.2016	A61F 2/46	Nelson, Jeffrey
(54) CATHETERS WITH SIDE OPENINGS	A61B 17/17	Mensch, John
FOR MODIFYING AND DELIVERING	A61B 17/15	Ward, Zane R.
SUSPENSIONS TO A SUBJECT	(11) EP1845869	Ozell, Timothy
(73) Accurate Medical Therapeutics Ltd.	(21) EP05855250.6	(31) 201261796411 P
(72) TAL, Michael Gabriel	(47) 23.01.2019	(32) 09.11.2012
MILLER, Eran	(87) US2005046658	(33) United States of America
(31) 201562127036 P	29.06.2006	(51) A61B 17/30
(32) 02.03.2015	(22) 21.12.2005	A61B 17/3201
(33) United States of America	(54) DISTAL FEMORAL TRIAL WITH	A61B 17/28
(51) A61B 17/14	REMOVABLE CUTTING GUIDE	(11) EP2932923
A61B 17/15	(73) Smith and Nephew, Inc.	(21) EP12889912.7
(11) EP3065650	(72) DEES, Roger, Ryan., Jr	(47) 23.01.2019
(21) EP14860177.6	(31) 638185 P	(87) JP2012007968
(47) 30.01.2019	(32) 21.12.2004	19.06.2014
(87) US2014064840	(33) United States of America	(22) 13.12.2012
14.05.2015	(51) A61B 17/22	(54) MEDICAL INSTRUMENT
(22) 10.11.2014	A61M 25/00	(73) Charmant Co., Ltd.
(54) SURGICAL SAW WITH SENSING	A61M 25/01	(72) HORIKAWA, Kaoru
TECHNOLOGY FOR DETERMINING	A61M 25/10	(51) A61B 17/32
CUT THROUGH OF BONE AND	A61B 17/00	A61B 17/3207
DEPTH OF THE SAW BLADE DURING	A61M 25/04	A61B 18/14
SURGERY	A61B 17/3207	(11) EP2303152
(73) Mginley Engineered Solutions LLC	(11) EP3197531	(21) EP09758970.9
(72) MCGINLEY, Joseph C.	(21) EP15771490.8	(47) 23.01.2019
LEUGERS, Martin	(47) 23.01.2019	(87) US2009044320
BLIVEN, Brian	(87) US2015051452	10.12.2009
MCCREA, Jim	31.03.2016	(22) 18.05.2009
MISHRA, Devjeet	(22) 22.09.2015	(54) ABRASIVE NOSE CONE WITH
FISHER, Lawson	(54) CATHETER SYSTEMS FOR RE-ENTRY	EXPANDABLE CUTTING AND
(31) 201361902002 P	IN BODY VESSELS WITH CHRONIC	SANDING REGION FOR ROTATIONAL
(32) 08.11.2013	TOTAL OCCLUSION	ATHERECTOMY DEVICE

<p>(73) Cardiovascular Systems, Inc. (72) RIVERS, Jody WELTY, Ryan CAMBRONNE, Matt FRANCHINO, David, C. KALLSEN, Kent, Jeffrey LATHAM, Stephen (31) 59028 P 466152 (32) 05.06.2008 14.05.2009 (33) United States of America United States of America</p> <hr/> <p>(51) A61B 17/3205 A61B 34/10 A61B 34/30 A61F 2/10 A61B 17/00 A61B 90/00 (11) EP3174499 (21) EP15828113.9 (47) 30.01.2019 (87) US2015043021 04.02.2016 (22) 30.07.2015 (54) SYSTEMS AND METHODS FOR CREATING HAIR TRANSPLANTATION PROCEDURE SITES (73) Restoration Robotics, Inc. (72) ZINGARETTI, Gabriele PETROVIC, Ognjen (31) 201414448550 (32) 31.07.2014 (33) United States of America</p> <hr/> <p>(51) A61B 17/3207 A61M 25/00 A61B 17/34 A61B 17/02 (11) EP2473123 (21) EP10749738.0 (47) 30.01.2019 (87) US2010046880 10.03.2011 (22) 27.08.2010 (54) LANCET MICRO-CATHETER (73) Boston Scientific Limited (72) ROTTENBERG, Dan ZAKAY, Abi SACHER, Ron (31) 275795 P (32) 03.09.2009 (33) United States of America</p> <hr/> <p>(51) A61B 17/34 A61B 1/00 G02B 23/24 (11) EP3167825 (21) EP15819750.9 (47) 23.01.2019 (87) JP2015069811 14.01.2016 (22) 09.07.2015 (54) SENSOR UNIT FOR TROCAR, AND TROCAR (73) Olympus Corporation (72) INOUE, Shintaro (31) 2014142495 (32) 10.07.2014 (33) Japan</p> <hr/>	<p>(51) A61B 17/34 A61B 17/42 A61M 25/01 A61M 5/14 A61M 1/00 A61M 31/00 (11) EP2671524 (21) EP11857759.2 (47) 30.01.2019 (87) KR2011009082 09.08.2012 (22) 25.11.2011 (54) CATHETER FOR TREATING ECTOPIC PREGNANCY, CATHETER GUIDE, AND CATHETER UNIT FOR TREATING ECTOPIC PREGNANCY (73) Korea University Research and Business Foundation (72) KIM, Sun Haeng KIM, Young Tae AHN, Ki Hoon (31) 20110009742 20110101369 20110107882 (32) 31.01.2011 05.10.2011 21.10.2011 (33) Korea (Republic) Korea (Republic) Korea (Republic)</p> <hr/> <p>(51) A61B 17/56 (11) EP2381869 (21) EP09831225.9 (47) 23.01.2019 (87) US2009066835 10.06.2010 (22) 04.12.2009 (54) APPARATUS FOR ACCESSING THE INTERIOR OF A HIP JOINT, INCLUDING THE PROVISION AND USE OF A NOVEL TELESCOPING ACCESS CANNULA (73) Pivot Medical, Inc. (72) FLOM, James WEISEL, Thomas LANTZ, Andrew PISARNWONGS, Roger DEWEY, Jonathan FRUSHELL, Matthew KELLY, Bryan WEI, Michael (31) 269605 P 200908 P (32) 26.06.2009 04.12.2008 (33) United States of America United States of America</p> <hr/> <p>(51) A61B 17/56 A61B 17/04 A61B 90/92 (11) EP2314238 (21) EP10764064.1 (47) 30.01.2019 (87) CN2010070546 21.10.2010 (22) 05.02.2010 (54) FIXATION DEVICE FOR SUTURING AND RESTORING A TEMPOROMANDIBULAR JOINT DISC</p>	<p>(73) Shanghai Ninth People's Hospital Affiliated To Shanghai Jiao Tong University School Of Medicine (72) YANG, Chi ZHANG, Shanyong ZHANG, Zhiyuan CHEN, Minjie CAI, Xieyi ZHANG, Jinning LIU, Xiuming (31) 200910049274 (32) 14.04.2009 (33) China</p> <hr/> <p>(51) A61B 17/64 A61B 17/70 (11) EP3206605 (21) EP15851179.0 (47) 23.01.2019 (87) US2015055615 21.04.2016 (22) 14.10.2015 (54) ORTHOPEDIC EXTENDABLE RODS (73) Globus Medical, Inc. (72) LYNCH, Bobby FAULHABER, Kurt (31) 201414515197 (32) 15.10.2014 (33) United States of America</p> <hr/> <p>(51) A61B 17/64 F16B 7/04 (11) EP2747683 (21) EP12761596.1 (47) 23.01.2019 (87) EP2012068012 21.03.2013 (22) 13.09.2012 (54) ROD COUPLER WITH VARIABLE ANKLE POSITION (73) Stryker European Holdings I, LLC (72) DORAWA, Klaus CREMER, Axel BUSCH, Adam MÜLLER, Manfred (31) 11181502 (32) 15.09.2011 (33) European Patent Office (EPO)</p> <hr/> <p>(51) A61B 17/68 (11) EP2723270 (21) EP12838813.9 (47) 23.01.2019 (87) US2012044486 11.04.2013 (22) 27.06.2012 (54) ON-BOARD TOOL TRACKING SYSTEM OF COMPUTER ASSISTED SURGERY (73) Board of Regents of the University of Nebraska (72) HAIDER, Hani AL-SHAWI, Ibrahim BARRERA, Osvaldo Andres (31) 201161501489 P (32) 27.06.2011 (33) United States of America</p> <hr/> <p>(51) A61B 17/80 (11) EP3058885 (21) EP16156362.2 (47) 23.01.2019 (22) 18.02.2016</p>
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(54) BONE PLATE	(32) 11.09.2009	(51) A61B 18/14
(73) Biedermann Technologies GmbH & Co. KG	12.11.2009	A61B 18/16
(72) BIEDERMANN, Markku	(33) Germany	A61B 18/00
(31) 201562117874 P	Germany	(11) EP3137005
201562150180 P	(51) A61B 18/14	(21) EP15785293.0
201562271207 P	(11) EP2870939	(47) 30.01.2019
(32) 18.02.2015	(21) EP14191923.3	(87) US2015026951
20.04.2015	(47) 30.01.2019	05.11.2015
22.12.2015	(22) 05.11.2014	(22) 21.04.2015
(33) United States of America	(54) Catheter with means for detecting loss of	(54) DEVICES FOR RADIOFREQUENCY
United States of America	contact of ablation electrode	ABLATION
United States of America	(73) Biosense Webster (Israel) Ltd.	(73) Warsaw Orthopedic, Inc.
(51) A61B 17/80	(72) Govari, Assaf	(72) TRIEU, Hai H.
(11) EP3213706	Altmann, Andres Claudio	(31) 201414263549
(21) EP17158974.0	(31) 201314072885	(32) 28.04.2014
(47) 30.01.2019	(32) 06.11.2013	(33) United States of America
(22) 02.03.2017	(33) United States of America	(51) A61B 18/14
(54) PLATE FOR FIXING MANDIBULAR	(51) A61B 18/14	H01H 23/06
CONDYLAR FRACTURE DEDICATED	A61B 17/3205	(11) EP2726007
TO PATIENT'S SIDE	A61B 17/22	(21) EP11754826.3
(73) Uniwersytet Medyczny W Lodzi	(11) EP2498708	(47) 23.01.2019
(72) KOZAKIEWICZ, Marcin	(21) EP10830317.3	(87) DK2011050300
KOZAKIEWICZ, Magda	(47) 23.01.2019	03.01.2013
(31) 41638616	(87) US2010002944	(22) 01.08.2011
(32) 03.03.2016	19.05.2011	(54) A COUPLING MEANS CONNECTING
(33) Poland	(22) 10.11.2010	AN ELECTROSURGICAL INSTRUMENT
(51) A61B 17/80	(54) HOLLOW BODY CAVITY ABLATION	TO A VACUUM SOURCE, AN
A61B 17/86	APPARATUS	ELECTROSURGICAL INSTRUMENT
(11) EP1696810	(73) Cardea Medsystems (Tianjin) Co., Ltd.	PROVIDED WITH THE COUPLING
(21) EP03776750.6	(72) XIAO, Jia H.	MEANS AND A KIT INCLUDING THE
(47) 23.01.2019	STERN, Roger A.	COUPLING MEANS
(87) CH2003000838	JACKSON, Jerome	(73) Stryker European Holdings I, LLC
07.07.2005	GLAZE, Grant M.	(72) BERNARD, Frédéric
(22) 22.12.2003	(31) 259973 P	KORNERUP, Niels
(54) BONE PLATE	(32) 10.11.2009	SIMONSEN, Jesper Schantz
(73) Synthes GmbH	(33) United States of America	(31) 201100482
(72) BEUTTER, Florian	(51) A61B 18/14	(32) 28.06.2011
PAULI, Werner	A61B 18/00	(33) Denmark
(51) A61B 17/82	(11) EP2747690	(51) A61B 18/20
A61B 17/88	(21) EP12753897.3	(11) EP3046496
(11) EP3248559	(47) 23.01.2019	(21) EP14845457.2
(21) EP17175274.4	(87) US2012052313	(47) 30.01.2019
(47) 30.01.2019	28.02.2013	(87) IB2014064638
(22) 02.12.2011	(22) 24.08.2012	26.03.2015
(54) MINIMALLY INVASIVE CRIMP AND	(54) DEVICE AND METHODS FOR NERVE	(22) 18.09.2014
CABLE FOR BONE CERCLAGE	MODULATION	(54) OPTICAL SPECULUM
(73) DePuy Synthes Products, LLC	(73) Boston Scientific Scimed, Inc.	(73) Illumigyn Ltd.
(72) DELL'OCA, Alberto A. Fernandez	(72) SUTERMEISTER, Derek	(72) GREENSTEIN, Lior
(31) 201161508633 P	OSTROOT, Tim A.	DAVARA, Gilad A.
(32) 16.07.2011	ANDERSON, James M.	GANON, Gad
(33) United States of America	(31) 201161526968 P	AVIV, David
(51) A61B 18/00	(32) 24.08.2011	(31) 201361879263 P
A61B 18/04	(33) United States of America	(32) 18.09.2013
H01H 5/24	(51) A61B 18/14	(33) United States of America
(11) EP2475317	A61B 18/12	(51) A61B 34/20
(21) EP10757024.4	A61B 34/20	A61B 90/00
(47) 23.01.2019	(11) EP2740432	(11) EP3081184
(87) EP2010005485	(21) EP13196103.9	(21) EP16165812.5
17.03.2011	(47) 23.01.2019	(47) 30.01.2019
(22) 07.09.2010	(22) 06.12.2013	(22) 18.04.2016
(54) ANTI-CARBONISATION DEVICE	(54) Lasso catheter with tip electrode	(54) SYSTEM AND METHOD FOR FUSED
(73) Erbe Elektromedizin GmbH	(73) Biosense Webster (Israel) Ltd.	IMAGE BASED NAVIGATION WITH
(72) FISCHER, Klaus	(72) Govari, Assaf	LATE MARKER PLACEMENT
NEUGEBAUER, Alexander	Altmann, Andres Claudio	(73) Clear Guide Medical, Inc.
ENDERLE, Markus	(31) 201213707974	(72) Ehsan, Basafa
ZENKER, Matthias	(32) 07.12.2012	Pezhman, Foroughi
(31) 102009041168	(33) United States of America	Hager, Gregory Donald
102009044512		Boctor, Emad Mikhail

Stolka, Philipp Jakob	(32) 26.02.2015	(51) A61C 8/00
(31) 201514689849	(33) United States of America	A61C 19/06
(32) 17.04.2015	(51) A61C 5/77	(11) EP2877119
(33) United States of America	A61C 13/08	(21) EP13741673.1
(51) A61B 34/37	A61C 5/70	(47) 23.01.2019
A61B 90/00	(11) EP3232983	(87) EP2013002140
(11) EP3125812	(21) EP15810717.7	23.01.2014
(21) EP15773874.1	(47) 30.01.2019	(22) 18.07.2013
(47) 23.01.2019	(87) US2015063584	(54) DENTAL IMPLANT
(87) US2015023629	16.06.2016	(73) Bellinvia, Salvatore
08.10.2015	(22) 03.12.2015	Malvagna, Carolina
(22) 31.03.2015	(54) DENTAL COLORING STAMP	Vettori, Cristiano
(54) CONTROL INPUT ACCURACY	(73) 3M Innovative Properties Company	Vettori, Erica
FOR TELEOPERATED SURGICAL	(72) ROLF, Jacqueline C.	(72) VETTORI, Cristiano
INSTRUMENT	HERRMANN, Andreas	(31) GE20120072
(73) Intuitive Surgical Operations, Inc.	ZIMMERMANN, Dajana	(32) 20.07.2012
(72) BRISSON, Gabriel F.	JAHNS, Michael	(33) Italy
SMABY, Niels	SCHECHNER, Gallus	(51) A61C 13/00
WU, Melody	(31) 14197482	B23Q 3/06
(31) 201461973822 P	(32) 11.12.2014	(11) EP2965712
(32) 01.04.2014	(33) European Patent Office (EPO)	(21) EP14175931.6
(33) United States of America	(51) A61C 7/00	(47) 30.01.2019
(51) A61B 90/00	A61C 9/00	(22) 07.07.2014
(11) EP2996615	G06T 5/00	(54) Improved device for supporting preformed
(21) EP14714524.7	(11) EP2242441	elements for producing single superstructures
(47) 30.01.2019	(21) EP08866889.2	for dental prostheses and system for
(87) US2014023154	(47) 23.01.2019	supporting this device on the processing
02.10.2014	(87) US2008087060	machine of said preformed elements
(22) 11.03.2014	09.07.2009	(73) Kulzer GmbH
(54) SYSTEM FOR ARRANGING OBJECTS	(22) 17.12.2008	(72) Piasini, Bruno
IN AN OPERATING ROOM IN	(54) METHODS OF PREPARING A	Scotti, Antonio Maria
PREPARATION FOR SURGICAL	VIRTUAL DENTITION MODEL AND	(51) A61C 13/15
PROCEDURES	FABRICATING A DENTAL RETAINER	A61B 5/06
(73) Stryker Corporation	THEREFROM	(11) EP3280350
(72) MOCTEZUMA DE LA BARRERA, José,	(73) 3M Innovative Properties Company	(21) EP16715228.9
Luis	(72) CINADER, David, K. Jr.	(47) 23.01.2019
MALACKOWSKI, Donald, W.	KUHNS, David, W.	(87) US2016025132
(31) 201361779725 P	PUTTLER, Oliver, L.	13.10.2016
(32) 13.03.2013	(31) 15945 P	(22) 31.03.2016
(33) United States of America	(32) 21.12.2007	(54) A DENTAL LIGHT IRRADIATION
(51) A61B 90/10	(33) United States of America	DEVICE
A61B 90/14	(51) A61C 7/28	(73) 3M Innovative Properties Company
(11) EP3132767	(11) EP2644150	(72) GELDMACHER, Andreas M.
(21) EP16002084.8	(21) EP13161182.4	GERLACH, Korbinian
(47) 30.01.2019	(47) 23.01.2019	FINK, Johannes
(22) 08.11.2013	(22) 26.03.2013	WELKER, Stefan K.
(54) SKULL CLAMP APPARATUS AND	(54) Active self-ligating bracket	(31) 15163104
METHOD OF CONNECTING	(73) Orthoarm, Inc.	(32) 10.04.2015
(73) pro med instruments GmbH	(72) Voudouris, John	(33) European Patent Office (EPO)
(72) Schuele, Matthias E.	(31) 201261616462 P	(51) A61C 17/22
Gantner, Bernhard	(32) 28.03.2012	A61C 17/20
(31) 201261724845 P	(33) United States of America	A61C 17/34
201361844382 P	(51) A61C 8/00	A46B 15/00
(32) 09.11.2012	A61C 13/00	(11) EP3142597
09.07.2013	A61C 13/34	(21) EP14892102.6
(33) United States of America	(11) EP3206623	(47) 30.01.2019
United States of America	(21) EP15802187.3	(87) US2014072095
(51) A61B 90/98	(47) 30.01.2019	19.11.2015
(11) EP3061419	(87) HU2015050011	(22) 23.12.2014
(21) EP16155756.6	21.04.2016	(54) SPATIALLY IMPROVED EXTENDED
(47) 23.01.2019	(22) 12.10.2015	REACH ULTRASONIC TOOTHBRUSH
(22) 15.02.2016	(54) SCREW CHANNEL INSERTION PIECE	(73) Robert T. Bock Consultancy LLC
(54) APPARATUSES TO PHYSICALLY	(73) Elsner, Edvin	(72) BOCK, Robert, T.
COUPLE TRANSPONDER TO SURGICAL	(72) Elsner, Edvin	(31) 201461994817 P
OBJECTS	(31) P1400483	(32) 16.05.2014
(73) Covidien LP	(32) 14.10.2014	(33) United States of America
(72) Blair, William A.	(33) Hungary	(51) A61C 17/34
(31) 201562121358 P		A46B 15/00

(11) EP2512364	(51) A61F 2/00	(11) EP2015707
(21) EP10810929.9	A61B 17/04	(21) EP07797396.4
(47) 23.01.2019	A61B 17/06	(47) 23.01.2019
(87) IB2010055817	(11) EP2763600	(87) US2007068607
23.06.2011	(21) EP12834873.7	22.11.2007
(22) 14.12.2010	(47) 23.01.2019	(22) 09.05.2007
(54) ORAL CLEANING SECTION	(87) US2012058237	(54) REINFORCED BIOLOGICAL TISSUE
(73) Braun GmbH	04.04.2013	(73) LifeCell Corporation
(72) STOERKEL, Ulrich	(22) 01.10.2012	Stout Medical Group
FRITSCH, Thomas	(54) HERNIA REPAIR DEVICE	(72) MCQUILLAN, David, J.
STOLPER, Michael	(73) Covidien LP	HARPER, John, R.
(31) 09015485	(72) COHEN, Matthew	WAGNER, Christopher, T.
855945	PRESCOTT, Michael	GREENHALGH, E., Skott
(32) 15.12.2009	(31) 201161541645 P	(31) 799102 P
13.08.2010	(32) 30.09.2011	(32) 09.05.2006
(33) European Patent Office (EPO)	(33) United States of America	(33) United States of America
United States of America	(51) A61F 2/01	(51) A61F 2/16
(51) A61C 19/04	A61F 2/86	A61B 3/10
A61B 5/00	(11) EP3106127	A61B 3/107
A61C 13/00	(21) EP16180444.8	A61F 9/007
(11) EP1968480	(47) 30.01.2019	(11) EP3102151
(21) EP06845120.2	(22) 24.07.2013	(21) EP15743913.4
(47) 23.01.2019	(54) A VASCULAR FILTER DEVICE	(47) 30.01.2019
(87) US2006047056	(73) Novate Medical Limited	(87) US2015014321
14.06.2007	(72) GILSON, Paul	06.08.2015
(22) 08.12.2006	HORAN, Steven	(22) 03.02.2015
(54) INFRARED DENTAL IMAGING	KEATING, Karl	(54) METHOD FOR DETERMINING
(73) LuxRay Dental Systems, Inc.	RYAN, Damien	INTRAOCULAR LENS POWER
(72) LOVELY, Peter S.	O'GORMAN, Jacqueline	(73) Shamma, Hanna
(31) 748809 P	BATEMAN, Paul	(72) Shamma, Hanna
(32) 08.12.2005	KEEGAN, Martin	(31) 201461935004 P
(33) United States of America	BRODERICK, Declan	(32) 03.02.2014
(51) A61D 7/00	(31) 201261675515 P	(33) United States of America
B05B 1/20	(32) 25.07.2012	(51) A61F 2/24
B05B 9/08	(33) United States of America	(11) EP2129332
B65D 83/30	(51) A61F 2/06	(21) EP08725660.8
A61M 35/00	A61M 29/02	(47) 23.01.2019
(11) EP3038698	A61L 27/18	(87) US2008002050
(21) EP14762055.3	A61F 2/82	21.08.2008
(47) 30.01.2019	A61L 27/56	(22) 15.02.2008
(87) GB2014052589	(11) EP2544624	(54) REPLACEMENT PROSTHETIC HEART
05.03.2015	(21) EP11754211.8	VALVES
(22) 26.08.2014	(47) 23.01.2019	(73) Medtronic, Inc.
(54) MEASURED DOSE DISPENSER	(87) US2011028201	(72) RYAN, Timothy, R.
(73) AAN Medical Limited	15.09.2011	BONHOEFFER, Philipp
(72) COATS, Andrew	(22) 11.03.2011	(31) 901787 P
DAVIS, Nigel	(54) SCAFFOLD SYSTEM TO REPAIR	(32) 16.02.2007
TULLOCH, Andrew	CARDIOVASCULAR CONDITIONS	(33) United States of America
(31) 201315529	(73) Board Of Regents Of the University Of Texas	(51) A61F 2/24
(32) 30.08.2013	System	(11) EP2866742
(33) United Kingdom	(72) KAUFMANN, J. Jordan Massey	(21) EP13740096.6
(51) A61D 19/02	AGRAWAL, Mauli	(47) 23.01.2019
G01K 11/12	BAILEY, Steven	(87) US2013048169
(11) EP3285683	(31) 312847 P	03.01.2014
(21) EP16721198.6	(32) 11.03.2010	(22) 27.06.2013
(47) 30.01.2019	(33) United States of America	(54) COMMISSURE ATTACHMENT
(87) FR2016050905	(51) A61F 2/07	FEATURE FOR PROSTHETIC HEART
27.10.2016	(11) EP2740438	VALVE
(22) 19.04.2016	(21) EP12196261.7	(73) St. Jude Medical, Cardiology Division, Inc.
(54) STRAW FOR PRESERVING A	(47) 23.01.2019	(72) ALKHATIB, Yousef F.
PRESET DOSE OF A LIQUID-BASED	(22) 10.12.2012	BRAIDO, Peter N.
SUBSTANCE	(54) Stent graft having rougher portions and	(31) 201261666353 P
(73) IMV Technologies	method of making the same	201313781140
(72) SCHMITT, Eric	(73) Abbott Laboratories Vascular Enterprises	(32) 29.06.2012
GORGES, Jean-Charles	Limited	28.02.2013
(31) 1553536	(72) Grandt, Axel	(33) United States of America
(32) 20.04.2015	(51) A61F 2/08	United States of America
(33) France	A61L 27/18	(51) A61F 2/24

(11) EP3145449	(32) 15.03.2013	(22) 14.03.2013
(21) EP15727774.0	11.03.2014	(54) COORDINATING OPERATION OF
(47) 30.01.2019	(33) United States of America	MULTIPLE LOWER LIMB DEVICES
(87) US2015031678	United States of America	(73) Vanderbilt University
26.11.2015	(51) A61F 2/40	(72) GOLDFARB, Michael
(22) 20.05.2015	A61F 2/30	LAWSON, Brian
(54) SELF-EXPANDING HEART VALVES	A61F 2/46	(31) 201261610869 P
FOR CORONARY PERFUSION AND	(11) EP3222250	(32) 14.03.2012
SEALING	(21) EP17161950.5	(33) United States of America
(73) St. Jude Medical, Cardiology Division, Inc.	(47) 23.01.2019	(51) A61F 2/91
(72) LI, XueMei	(22) 21.03.2017	A61F 2/915
ALKHATIB, Yousef F.	(54) INSTRUMENTATION FOR IMPLANTING	A61F 2/95
(31) 201462001228 P	A GLENOIDAL PROSTHETIC	A61F 2/958
(32) 21.05.2014	COMPONENT ON A GLENOID OF A	A61F 2/966
(33) United States of America	PATIENT, AND A KIT FOR SURGICAL	(11) EP1771126
(51) A61F 2/24	TREATMENT OF A GLENOID OF A	(21) EP05727731.1
A61L 27/36	PATIENT, INCLUDING SUCH AN	(47) 23.01.2019
A61L 27/50	INSTRUMENTATION	(87) US2005007147
(11) EP2549957	(73) TORNIER	15.09.2005
(21) EP11760162.5	(72) CARDON, Jean-Emmanuel	(22) 02.03.2005
(47) 30.01.2019	NEYTON, Lionel	(54) STENT DELIVERY APPARATUS
(87) US2011029654	(31) 1652448	(73) J.W. Medical Systems Ltd.
29.09.2011	(32) 22.03.2016	(72) ANDREAS, Bernard
(22) 23.03.2011	(33) France	(31) 794405
(54) METHODS OF CONDITIONING SHEET	(51) A61F 2/50	(32) 03.03.2004
BIOPROSTHETIC TISSUE	A61F 5/01	(33) United States of America
(73) Edwards Lifesciences Corporation	(11) EP2496188	(51) A61F 5/01
(72) DOVE, Jeffrey, S.	(21) EP10829220.2	(11) EP3352713
TIAN, Bin	(47) 23.01.2019	(21) EP16774890.4
SCHNEIDER, Ralph	(87) US2010055793	(47) 30.01.2019
COHEN, Jeffrey, S.	12.05.2011	(87) EP2016072420
JANKOVIC, Ivan	(22) 08.11.2010	30.03.2017
MIGLIAZZA, John, F.	(54) REPLACEABLE FAIRING FOR A BRACE	(22) 21.09.2016
WRIGHT, Gregory, A.	(73) 3D Systems, Inc.	(54) DYNAMIC ARTICULATION SUPPORT
YOUNG, James, M.	(72) SUMMIT, Scott	(73) Albrecht GmbH
CAMPBELL, Louis, A.	TRAUNER, Kenneth, B.	(72) OPAHLE, Hans-Georg
(31) 381858 P	(31) PCT/US9063/766	(31) 102015012321
316801 P	615196	(32) 23.09.2015
(32) 10.09.2010	881419	(33) Germany
23.03.2010	(32) 09.11.2009	(51) A61F 5/01
(33) United States of America	09.11.2009	A41D 13/00
United States of America	14.09.2010	(11) EP3241532
(51) A61F 2/28	(33) World Intellectual Property Office (WIPO)	(21) EP17169143.9
A61C 8/02	United States of America	(47) 30.01.2019
(11) EP3087954	United States of America	(22) 02.05.2017
(21) EP15165160.1	(51) A61F 2/60	(54) ORTHOSIS COMPRISING AN ELASTIC
(47) 30.01.2019	(11) EP2803337	TEXTILE MATERIAL
(22) 27.04.2015	(21) EP14179062.6	(73) Eisert, Claudia
(54) JAW BONE TRANSPLANT	(47) 30.01.2019	(72) Eisert, Claudia
ARRANGEMENT	(22) 11.06.2008	(31) 102016108151
(73) Kessler, Peter	(54) Prosthetic limb	(32) 02.05.2016
(72) Kessler, Peter	(73) 3D Systems, Inc.	(33) Germany
(51) A61F 2/28	(72) Summit, Scott	(51) A61F 5/01
A61L 27/56	(31) 128378	A61F 5/058
A61L 27/54	(32) 28.05.2008	(11) EP3009111
(11) EP2967876	(33) United States of America	(21) EP15002936.1
(21) EP14770377.1	(51) A61F 2/68	(47) 30.01.2019
(47) 30.01.2019	A61F 2/60	(22) 15.10.2015
(87) US2014026090	A61F 2/64	(54) HIP JOINT RELIEF ORTHOSIS
25.09.2014	A61F 2/66	(73) Spörer AG
(22) 13.03.2014	A61F 2/70	(72) Reiter-Haringer, Michael
(54) REMOVABLE AUGMENT FOR	A61F 2/76	Bengs, Oliver
MEDICAL IMPLANT	A61F 2/50	Schuhbeck, Daniel
(73) SMed - TA/TD LLC	(11) EP2825135	(31) 202014008160 U
(72) STALCUP, Gregory, C.	(21) EP13713016.7	(32) 15.10.2014
KNAPP, Troy, D.	(47) 23.01.2019	(33) Germany
(31) 201361787598 P	(87) US2013031379	(51) A61F 5/442
201414204862	19.09.2013	

A61F 5/443	(73) Kao Corporation	(33) United States of America
A61F 5/451	(72) OKA, Takeshi	(51) A61F 13/00
(11) EP2503965	(31) 2011280534	A61M 1/00
(21) EP10833651.2	(32) 21.12.2011	A61M 27/00
(47) 23.01.2019	(33) Japan	A61L 27/58
(87) SE2010000277	(51) A61F 9/00	A61F 13/02
03.06.2011	(11) EP1404264	(11) EP2367579
(22) 25.11.2010	(21) EP02764682.7	(21) EP09835723.9
(54) FAECAL INCONTINENCE COLLECTOR	(47) 23.01.2019	(47) 23.01.2019
(73) Jensen, Talabushi Akanganyira	(87) EP2002007805	(87) US2009069063
(72) Jensen, Talabushi Akanganyira	23.01.2003	01.07.2010
(31) 0901488	(22) 12.07.2002	(22) 21.12.2009
(32) 25.11.2009	(54) INSERT FOR THE TREATMENT OF DRY	(54) MEMBRANES AND SYSTEMS FOR
(33) Sweden	EYE	APPLYING REDUCED PRESSURE TO A
(51) A61F 5/56	(73) Pharma Stulln GmbH	SUBCUTANEOUS TISSUE SITE
(11) EP3113734	(72) LOHMANN, Chris P.	(73) KCI Licensing, Inc.
(21) EP14884891.4	GÖPFERICH, Achim, Lehrstuhl Pharmazeut.	(72) KAGAN, Jonathan
(47) 30.01.2019	Technol.	CORNET, Douglas, A.
(87) AU2014050434	KOELWEL, Christoph	(31) 140657 P
11.09.2015	(31) 10133870	(32) 24.12.2008
(22) 18.12.2014	(32) 12.07.2001	(33) United States of America
(54) DEVICE FOR SLEEP APNOEA	(33) Germany	(51) A61F 13/15
TREATMENT	(51) A61F 9/008	A61F 13/49
(73) Sleep Innovations Pty Ltd	(11) EP2799045	A61F 13/53
(72) GERSCHMAN, Jack	(21) EP13002267.6	B29C 65/08
GERSCHMAN, Joel	(47) 23.01.2019	(11) EP2870951
(31) 2014900697	(22) 29.04.2013	(21) EP13813502.5
2014903594	(54) Device for processing eye tissue using laser	(47) 30.01.2019
2014904486	pulses	(87) JP2013066324
(32) 03.03.2014	(73) Ziemer Ophthalmic Systems AG	09.01.2014
09.09.2014	(72) Rathjen, Christian	(22) 13.06.2013
07.11.2014	(51) A61F 13/00	(54) ULTRASONIC BONDING METHOD FOR
(33) Australia	A61F 13/02	ABSORBENT ARTICLE, ULTRASONIC
Australia	(11) EP3233002	BONDING DEVICE FOR ABSORBENT
Australia	(21) EP15820709.2	ARTICLE, AND ABSORBENT ARTICLE
(51) A61F 5/56	(47) 30.01.2019	(73) Zuiko Corporation
A61F 2/82	(87) US2015065016	(72) NAKAKADO, Masaki
(11) EP2543344	23.06.2016	(31) 2012150140
(21) EP11750366.4	(22) 10.12.2015	(32) 04.07.2012
(47) 30.01.2019	(54) VISCOELASTIC WOUND CLOSURE	(33) Japan
(87) JP2011001181	DRESSING	(51) A61F 13/20
09.09.2011	(73) 3M Innovative Properties Company	(11) EP3082681
(22) 01.03.2011	(72) RULE, Joseph D.	(21) EP14825529.2
(54) NASAL CAVITY INSERTION DEVICE	DEMIRGÖZ, Döne	(47) 30.01.2019
(73) seven dreamers laboratories, Inc.	HANSON, Jennifer N.	(87) US2014070257
(72) YAMADA, Hiroshi	JONZA, James M.	25.06.2015
TANIGUCHI, Yosuke	ANDERSON, Gregory J.	(22) 15.12.2014
HATTORI, Yoshiki	BEEN, Raha A.	(54) TAMPON AND METHOD FOR MAKING
HIOKI, Kenji	HOLM, David R.	THE SAME
FUJIWARA, Kae	(31) 201462094116 P	(73) The Procter & Gamble Company
(31) 2010197663	(32) 19.12.2014	(72) SCHICKLI, Eric, Mitchell
2010049338	(33) United States of America	NELLENBACH, Eva, Grace
(32) 03.09.2010	(51) A61F 13/00	(31) 201314136099
05.03.2010	A61F 13/02	(32) 20.12.2013
(33) Japan	A61M 1/00	(33) United States of America
Japan	A61M 27/00	(51) A61F 13/20
(51) A61F 7/03	(11) EP3238674	A61F 13/15
F24V 30/00	(21) EP17167872.5	A61F 13/22
A61F 7/00	(47) 30.01.2019	(11) EP1748750
A61F 7/02	(22) 13.02.2014	(21) EP05749357.9
(11) EP2796118	(54) ABSORBENT DRESSING WITH HYBRID	(47) 23.01.2019
(21) EP12860770.2	DRAPE	(87) US2005017108
(47) 23.01.2019	(73) KCI Licensing, Inc.	01.12.2005
(87) JP2012083304	(72) LOCKE, Christopher Brian	(22) 13.05.2005
27.06.2013	ROBINSON, Timothy Mark	(54) METHOD OF USING INTRAVAGINAL
(22) 21.12.2012	COULTHARD, Richard Daniel John	DEVICE WITH FLUID TRANSPORT
(54) HEATING ELEMENT AND HEATING	(31) 201361782385 P	PLATES
IMPLEMENT	(32) 14.03.2013	(73) Johnson & Johnson Consumer Inc.

<p>(72) CHASE, David, J. DANYI, Erin GLASGOW, Tara HOU, Mari CARASSO, Samuel (31) 848347 (32) 14.05.2004 (33) United States of America</p> <hr/> <p>(51) A61F 13/472 A61F 13/475 A61F 13/511 A61F 13/533 A61F 13/536 (11) EP3001993 (21) EP15187473.2 (47) 30.01.2019 (22) 29.09.2015 (54) ABSORBENT ARTICLE DEMONSTRATING CONTROLLED DEFORMATION AND LONGITUDINAL FLUID DISTRIBUTION (73) Johnson & Johnson Consumer Inc. (72) REZENDE, Felipe Boni BARBOSA, Livea Fujita ROSENFELD, Leonard (31) 201462057690 P 201514656057 (32) 30.09.2014 12.03.2015 (33) United States of America United States of America</p> <hr/> <p>(51) A61F 13/472 A61F 13/475 A61F 13/511 A61F 13/533 A61F 13/536 (11) EP3001992 (21) EP15187470.8 (47) 30.01.2019 (22) 29.09.2015 (54) ABSORBENT ARTICLE DEMONSTRATING CONTROLLED DEFORMATION AND LONGITUDINAL FLUID DISTRIBUTION (73) Johnson & Johnson Consumer Inc. (72) REZENDE, Felipe Boni BARBOSA, Livea Fujita ROSENFELD, Leonard (31) 201462057648 P 201514645965 (32) 30.09.2014 12.03.2015 (33) United States of America United States of America</p> <hr/> <p>(51) A61F 13/472 A61F 13/475 A61F 13/511 A61F 13/533 A61F 13/536 (11) EP3001996 (21) EP15187478.1 (47) 30.01.2019 (22) 29.09.2015 (54) ABSORBENT ARTICLE DEMONSTRATING CONTROLLED DEFORMATION AND LONGITUDINAL FLUID DISTRIBUTION</p>	<p>(73) Johnson & Johnson Consumer Inc. (72) REZENDE, Felipe Boni BARBOSA, Livea Fujita ROSENFELD, Leonard (31) 201462057590 P 201514645902 (32) 30.09.2014 12.03.2015 (33) United States of America United States of America</p> <hr/> <p>(51) A61F 13/475 A61F 13/532 A61F 13/49 A61F 13/534 A61F 13/537 A61F 13/53 A61F 13/531 A61F 13/539 (11) EP2740449 (21) EP12196341.7 (47) 23.01.2019 (22) 10.12.2012 (54) ABSORBENT ARTICLE WITH HIGH ABSORBENT MATERIAL CONTENT (73) The Procter & Gamble Company (72) Ehrnsperger, Bruno Johannes Arizti, Blanca Bianchi, Ernesto Jackels, Hans Adolf Kreuzer, Carsten Rosati, Rodrigo</p> <hr/> <p>(51) A61F 13/496 A61F 13/15 (11) EP3045157 (21) EP16153558.8 (47) 30.01.2019 (22) 21.02.2013 (54) APPARATUSES AND METHODS FOR SEAMING SUBSTRATES (73) The Procter & Gamble Company (72) BLESSING, Horst SCHNEIDER, Uwe JACKELS, Hans Adolf (31) 201213401907 (32) 22.02.2012 (33) United States of America</p> <hr/> <p>(51) A61F 13/513 A61F 13/511 A61F 13/539 A61F 13/15 A61F 13/514 A61F 13/49 (11) EP1572057 (21) EP03814591.8 (47) 23.01.2019 (87) US2003028637 22.07.2004 (22) 11.09.2003 (54) DISPOSABLE UNDERGARMENT WITH A STRETCHABLE ABSORBENT INSERT AND METHOD FOR THE USE THEREOF (73) KIMBERLY-CLARK WORLDWIDE, INC. (72) VAN GOMPEL, Paul, T. HUANG, Yung, H. THORSON, Russell, E. (31) 325500 (32) 19.12.2002 (33) United States of America</p>	<p>(51) A61G 3/06 A61G 5/10 (11) EP2818148 (21) EP13173402.2 (47) 23.01.2019 (22) 24.06.2013 (54) Wheelchair lift (73) Autolift S.r.l. (72) Galligani, Marco</p> <hr/> <p>(51) A61G 5/12 A61G 5/14 (11) EP3141230 (21) EP16187325.2 (47) 30.01.2019 (22) 06.09.2016 (54) HOLDER FOR MOUNTING AN ARM SUPPORT ON A MOVABLE CARRIER, CARRIER PROVIDED WITH SUCH A HOLDER, AND ARMREST PROVIDED WITH SUCH A HOLDER (73) Focal Meditech B.V. (72) DE JONG, Ralf VAN OENE, Ericus Martinus Petrus GROENLAND, Paulus Christianus Maria VERSTEGEN, Paulus Petrus Hendricus VAN BUSSEL, Gijs Anthonius Marinus Johannes (31) 2015412 (32) 08.09.2015 (33) Netherlands</p> <hr/> <p>(51) A61G 7/05 A61G 7/018 (11) EP3034057 (21) EP15199528.9 (47) 30.01.2019 (22) 11.12.2015 (54) PATIENT SUPPORT APPARATUS WITH HYDRAULIC CONTROL SYSTEM (73) Stryker Corporation (72) PATMORE, Kevin Mark BARTLEY, Gary L. (31) 201462094315 P (32) 19.12.2014 (33) United States of America</p> <hr/> <p>(51) A61G 13/10 A61G 13/12 F16B 2/02 (11) EP2106778 (21) EP09154725.7 (47) 23.01.2019 (22) 10.03.2009 (54) Clamp device for fastening accessories (73) Merivaara Oy (72) Putkinen, Hannu (31) 20085272 (32) 02.04.2008 (33) Finland</p> <hr/> <p>(51) A61G 13/12 A61M 5/52 A61B 6/04 A61F 5/37 (11) EP3125847 (21) EP15773003.7 (47) 30.01.2019 (87) SE2015000019 08.10.2015 (22) 31.03.2015</p>
---	---	--

(54) FIXTURE FOR ARM DURING MEDICAL TREATMENT	(47) 30.01.2019	G01F 13/00
(73) All of it Scandinavia AB	(87) US2015021286	(11) EP3200744
(72) BERGENUDD, Hampus	24.09.2015	(21) EP15846986.6
EKDAHL, Per	(22) 18.03.2015	(47) 30.01.2019
(31) 1430049	(54) SENSORY STIMULATION OR	(87) AU2015000597
(32) 02.04.2014	MONITORING APPARATUS FOR THE	07.04.2016
(33) Sweden	BACK OF NECK	(22) 30.09.2015
(51) A61G 17/007	(73) Copa Animal Health LLC	(54) A TRANSFERRING DEVICE FOR
A61G 17/02	(72) SNOW, Buddy L.	TRANSFERRING A TOXIC SUBSTANCE
(11) EP3258903	(31) 201461955384 P	(73) SIRTEX MEDICAL LIMITED
(21) EP16709588.4	(32) 19.03.2014	(72) VAN DEN BERG, Brendon
(47) 23.01.2019	(33) United States of America	WONG, Gilman
(87) IB2016050845	(51) A61H 23/04	(31) 2014903894
25.08.2016	A61H 9/00	(32) 30.09.2014
(22) 17.02.2016	A61F 13/08	(33) Australia
(54) HOUSING FOR COFFINS	(11) EP1980227	(51) A61J 1/20
(73) Laudani, Pietro	(21) EP08153402.6	A61M 39/12
(72) Laudani, Pietro	(47) 30.01.2019	A61M 39/14
(31) 15425013	(22) 27.03.2008	A61M 39/10
(32) 18.02.2015	(54) Compression device with improved moisture	(11) EP2968065
(33) European Patent Office (EPO)	evaporation	(21) EP14713746.7
(51) A61H 1/02	(73) Covidien AG	(47) 30.01.2019
A61H 3/00	(72) Brown, Jennie	(87) US2014023941
A63B 69/00	Bock, Malcolm G.	25.09.2014
A63B 22/02	Avitable, Raymond	(22) 12.03.2014
A63B 21/00	Meyer, Ann	(54) SYSTEM FOR CLOSED TRANSFER OF
A63B 24/00	(31) 733088	FLUIDS
(11) EP3010470	(32) 09.04.2007	(73) Becton Dickinson and Company Limited
(21) EP14731646.7	(33) United States of America	(72) MARICI, Paul, Paia
(47) 30.01.2019	(51) A61H 31/00	IVOSEVIC, Milan
(87) EP2014063053	A61N 2/08	(31) 201361787674 P
24.12.2014	A61M 1/10	201361895168 P
(22) 20.06.2014	(11) EP2645980	201361895182 P
(54) APPARATUS FOR AUTOMATED	(21) EP11845806.6	201361895187 P
WALKING TRAINING	(47) 23.01.2019	(32) 15.03.2013
(73) Hocoma AG	(87) US2011063178	24.10.2013
(72) BUCHER, Rainer	07.06.2012	24.10.2013
DAREMAS, Konstatin	(22) 02.12.2011	24.10.2013
MOSER, Adrian	(54) IMPLANTABLE DRIVER WITH NON-	(33) United States of America
ARYANANDA, Lijin	INVASIVE TRANSMURAL POWERING	United States of America
(31) 13173315	DEVICE FOR CARDIAC ASSIST AND	United States of America
(32) 21.06.2013	COMBINED ASSIST AND SUPPORT	United States of America
(33) European Patent Office (EPO)	DEVICES	(51) A61J 7/00
(51) A61H 3/06	(73) The Texas A&M University System	A61M 5/31
A61F 9/08	Corinnova Incorporated	(11) EP3200746
G09B 21/00	(72) CRISCIONE, John, C.	(21) EP15782025.9
A42B 3/30	(31) 419544 P	(47) 30.01.2019
A61H 23/02	(32) 03.12.2010	(87) GB2015052891
G01C 21/36	(33) United States of America	07.04.2016
(11) EP3241538	(51) A61J 1/06	(22) 02.10.2015
(21) EP16865748.4	A61J 1/14	(54) A SYRINGE ASSEMBLY
(47) 30.01.2019	(11) EP3116465	(73) Veriton Pharma Limited
(87) CN2016106020	(21) EP15720807.5	(72) AIKEN, Hannah
26.05.2017	(47) 30.01.2019	GRIMES, Chris
(22) 16.11.2016	(87) IT2015000062	HIRSCHMANN, Aaron
(54) BLIND-GUIDING METHOD,	17.09.2015	FESUS, Robert
APPARATUS, AND DEVICE	(22) 09.03.2015	(31) 201417545
(73) Cloudminds (Shenzhen) Robotics Systems	(54) CONTAINER FOR FLUID PRODUCTS,	(32) 03.10.2014
Co., Ltd.	PARTICULARLY PHARMACEUTICALS,	(33) United Kingdom
(72) XU, Zeyuan	COSMETICS, MEDICAL PRODUCTS OR	(51) A61J 7/00
WANG, Bin	THE LIKE	B02C 19/00
(31) 201510783615	(73) LAMEPLAST S.p.A.	(11) EP3284454
(32) 16.11.2015	(72) FONTANA, Antonio	(21) EP15888790.1
(33) China	(31) MO20140066	(47) 30.01.2019
(51) A61H 23/02	(32) 13.03.2014	(87) CN2015076627
(11) EP3119373	(33) Italy	20.10.2016
(21) EP15715896.5	(51) A61J 1/20	(22) 15.04.2015
	A61M 5/32	(54) MEDICINE CRUSHING DEVICE

- (73) Yang, Song
(72) Yang, Song
(51) A61J 15/00
A61M 29/00
(11) EP2934425
(21) EP13808232.6
(47) 30.01.2019
(87) IB2013060575
26.06.2014
(22) 02.12.2013
(54) DILATION DEVICE FOR PLACING
CATHETER TUBES
(73) Avent, Inc.
(72) TAI, Kok-Ming
(31) 201213723932
(32) 21.12.2012
(33) United States of America
(51) A61K 6/083
C08F 22/14
(11) EP3278786
(21) EP16182622.7
(47) 23.01.2019
(22) 03.08.2016
(54) DENTAL MATERIALS ON THE
BASIS OF VINYL CYCLOPROPANE
DERIVATIVES CONTAINING
URETHANE GROUPS
(73) Ivoclar Vivadent AG
(72) Moszner, Norbert
Catel, Yohann
Fischer, Urs Karl
Tauscher, Sven
(51) A61K 8/02
A61K 8/04
A61Q 17/04
A61K 8/37
A61K 8/41
A61K 8/06
A61K 8/81
(11) EP3100713
(21) EP15851615.3
(47) 23.01.2019
(87) KR2015012132
01.09.2016
(22) 11.11.2015
(54) COSMETIC PRODUCT COMPRISING
COSMETIC COMPOSITION
IMPREGNATED IN HYDROPHOBIC
POLYMER FOAM
(73) LG Household & Health Care Ltd.
(72) KANG, Sung-Soo
OH, Kwang-Ho
LEE, Gap-Joo
PARK, Sang-Wook
KIM, Kyong-Seob
(31) 20150028454
20150080751
(32) 27.02.2015
08.06.2015
(33) Korea (Republic)
Korea (Republic)
(51) A61K 8/06
A61K 8/28
A61K 8/37
A61K 8/39
A61K 8/893
A61K 8/894
A61Q 15/00
(11) EP2361078
(21) EP09795988.6
(47) 30.01.2019
(87) EP2009067623
01.07.2010
(22) 21.12.2009
(54) TRANSPARENT ANTIPERSPIRANT
GELS
(73) Henkel AG & Co. KGaA
(72) BANOWSKI, Bernhard
BUSE, Nadine
CLAAS, Marcus
(31) 102008064198
(32) 22.12.2008
(33) Germany
(51) A61K 8/21
A61K 8/73
A61Q 11/00
(11) EP2675425
(21) EP11707369.2
(47) 23.01.2019
(87) EP2011052473
23.08.2012
(22) 18.02.2011
(54) DENTIFRICE COMPOSITION
(73) GABA International Holding GmbH
(72) MOYA ARGILAGOS, Dally
SCHEFFEL, Cornelia
MATUR, Turan
BRUNELLA, Andre
(51) A61K 8/25
A61K 8/31
A61K 8/34
A61K 8/37
A61Q 19/00
A61K 8/04
(11) EP2654680
(21) EP11797258.8
(47) 23.01.2019
(87) EP2011073188
28.06.2012
(22) 19.12.2011
(54) COSMETIC COMPOSITION
COMPRISING SILICA AEROGEL
PARTICLES AND HYDROCARBON-
BASED OILS
(73) L'Oréal
(72) CASSIN, Guillaume
PORET FRISTOT, Sylvie
(31) 1060894
201161436272 P
(32) 21.12.2010
26.01.2011
(33) France
United States of America
(51) A61K 8/29
A61K 8/34
A61K 8/362
A61K 8/81
A61Q 5/10
A61K 8/25
(11) EP3229754
(21) EP15804515.3
(47) 30.01.2019
(87) EP2015078558
16.06.2016
(22) 03.12.2015
(54) HAIR DYEING PROCESS USING AT
LEAST ONE DYE, A TITANIUM SALT
AND AN INSOLUBLE SILICATE
(73) L'OREAL
(72) LALLEMAN, Boris
LAGRANGE, Alain
(31) 1462049
(32) 08.12.2014
(33) France
(51) A61K 8/31
A61K 8/41
A61K 8/86
A61Q 5/08
A61K 8/37
A61K 8/06
(11) EP2198841
(21) EP09179888.4
(47) 23.01.2019
(22) 18.12.2009
(54) Method for lightening keratinic fibers with an
emulsion containing an alkaline agent and an
oxidising composition.
(73) L'Oréal
(72) Hercouet, Leïla
Bernard, Anne-Laure
Bordeaux, Dominique
(31) 0858890
(32) 19.12.2008
(33) France
(51) A61K 8/33
A61K 8/34
A61K 8/35
A61Q 19/04
(11) EP2838495
(21) EP13730640.3
(47) 23.01.2019
(87) IB2013001088
24.10.2013
(22) 17.04.2013
(54) SELF-TANNING COSMETIC
(73) Kao Corporation
(72) INOUE, Michiaki
NOMIZU, Kayoko
YABUKI, Masayuki
KATO, Aya
(31) 201261636093 P
(32) 20.04.2012
(33) United States of America
(51) A61K 8/34
A61K 8/36
A61K 8/86
A61Q 5/06
A61Q 5/12
(11) EP2320857
(21) EP09777966.4
(47) 23.01.2019
(87) EP2009006001
25.02.2010
(22) 19.08.2009
(54) SOLID ANHYDROUS COMPOSITION
FOR KERATIN FIBRES
(73) Kao Germany GmbH
(72) HORN, Nicole
CAJAN, Christine
(31) 08014761
(32) 20.08.2008
(33) European Patent Office (EPO)
(51) A61K 8/34

A61K 8/37	(73) B.R.A.I.N. Biotechnology Research And Information Network AG	A61K 8/14
A61K 8/49	(72) REHDORF, Jessica	(11) EP2731582
A61Q 11/00	(72) KLEBER, Alice	(21) EP12705681.0
A61K 8/73	(51) A61K 8/37	(47) 30.01.2019
A61K 8/92	A61K 8/60	(87) EP2012053136
A61K 8/19	A61Q 5/12	22.11.2012
A61K 8/27	A61K 8/49	(22) 24.02.2012
A61K 8/21	A61K 8/365	(54) CHARGE PROVIDERS FOR A
(11) EP2790653	A61K 8/19	VESICULAR CARRIER SYSTEM OF A
(21) EP12812193.6	(11) EP3297600	UV PROTECTION COMPOSITION FOR
(47) 23.01.2019	(21) EP16718377.1	THE SKIN OR HAIR
(87) EP2012075082	(47) 30.01.2019	(73) Evonik Schlichtern GmbH
20.06.2013	(87) EP2016059259	(72) BEYER, Monika
(22) 11.12.2012	01.12.2016	SACHER, Michael
(54) ORAL CARE COMPOSITION	(22) 26.04.2016	TEICHMÜLLER, Dirk
(73) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	(54) HAIR TREATMENT COMPOSITIONS	TEICHMÜLLER, Sarah
(72) EDWARDS, Mark, Ieuan	(73) Unilever NV	(31) 102011076149
KING, Simon	(72) BRICE, Harry, Jonathan	(32) 19.05.2011
PATEL, Nisha	GRIFFITH, Geraldine, Bridget	(33) Germany
(31) 201121300	YAMANE, Toufik	(51) A61K 8/44
(32) 12.12.2011	YATES, Jennifer, Ann	A23L 3/00
(33) United Kingdom	(31) 15169037	A61K 8/49
(51) A61K 8/34	(32) 22.05.2015	A61Q 19/10
A61Q 1/06	(33) European Patent Office (EPO)	(11) EP1909746
A61K 8/89	(51) A61K 8/37	(21) EP05776122.3
A61K 8/02	A61Q 17/04	(47) 30.01.2019
A61K 8/31	(11) EP3260113	(87) EP2005053735
A61K 8/891	(21) EP17171692.1	08.02.2007
A61K 8/81	(47) 30.01.2019	(22) 01.08.2005
(11) EP3086760	(22) 18.05.2017	(54) PRESERVATIVE SYSTEMS
(21) EP14816277.9	(54) SUNSCREEN AGENT WITH REDUCED	COMPRISING CATIONIC
(47) 30.01.2019	TEXTILE DISCOLOURATION	SURFACTANTS
(87) EP2014078901	(73) Beiersdorf AG	(73) Laboratorios Miret, S.A.
02.07.2015	(72) Weinert, Katrin	(72) MIRET CARCELLER, Jordi
(22) 19.12.2014	Borchers, Kathrin	FIGUERAS ROCA, Sergi
(54) SOLID COMPOSITION COMPRISING	Sprock, Sarah	SEGRET PONS, Roger
A VINYL POLYMER BEARING A	Eisert, Anja	(51) A61K 8/46
CARBOSILOXANE DENDRIMER UNIT,	Bleckmann, Andreas	A61Q 5/02
VOLATILE HYDROCARBON-BASED	(31) 102016211238	A61Q 5/12
OILS AND SOLID FATTY ALCOHOL,	(32) 23.06.2016	A61K 8/81
AND TREATMENT PROCESS	(33) Germany	A61K 8/895
(73) L'Oréal	(51) A61K 8/39	(11) EP3346984
(72) GUILLARD, Sylvie	A61Q 17/04	(21) EP16753358.7
MANET, Sylvie	A61K 8/06	(47) 23.01.2019
OHANIAN, Cécile	(11) EP3104832	(87) EP2016069448
ARDITTY, Stéphane	(21) EP15702499.3	16.03.2017
DEBEAUD, Roshanak	(47) 30.01.2019	(22) 16.08.2016
PRUD' HOMME, Estelle	(87) EP2015052356	(54) PERSONAL CLEANSING COMPOSITION
(31) 1363369	13.08.2015	(73) Unilever N.V.
1363370	(22) 05.02.2015	(72) AINGER, Nicholas, John
1363368	(54) STABLE COSMETIC	(31) 15184746
(32) 23.12.2013	HYDRODISPERSION	(32) 10.09.2015
23.12.2013	(73) Beiersdorf AG	(33) European Patent Office (EPO)
23.12.2013	(72) WRAGE, Tanja	(51) A61K 8/49
(33) France	BORCHERS, Kathrin	A61Q 5/00
France	LERG, Heike	A61K 8/81
France	SCHULZE, Sabrina	A61K 8/84
(51) A61K 8/36	(31) 102014202377	A61K 8/88
A61Q 19/00	(32) 10.02.2014	(11) EP3110395
A61K 8/06	(33) Germany	(21) EP15709287.5
A61K 31/015	(51) A61K 8/41	(47) 30.01.2019
(11) EP3199143	A61K 8/42	(87) FR2015050412
(21) EP16153502.6	A61K 8/55	03.09.2015
(47) 23.01.2019	A61K 8/60	(22) 20.02.2015
(22) 29.01.2016	A61K 8/73	(54) METHOD FOR TREATING KERATIN
(54) AQUEOUS COMPOSITIONS OF	A61Q 17/04	FIBRES WITH AN AMINO POLYMER
PERILLIC ACID COMPOUNDS	A61K 8/11	AND AN ACTIVATED ESTER
		(73) L'Oréal

(72) JEGOU, Gwenaëlle BAGHDADLI, Nawel	(11) EP2903592	(87) EP2013058921
(31) 1451536	(21) EP13771490.3	07.11.2013
(32) 26.02.2014	(47) 23.01.2019	(22) 29.04.2013
(33) France	(87) EP2013070543	(54) A DELAYED RELEASE DRUG
(51) A61K 8/73	10.04.2014	FORMULATION
A61Q 19/08	(22) 02.10.2013	(73) TILLOTTS PHARMA AG
A61K 8/91	(54) DRUG DELIVERY COMPOSITION	(72) BRAVO GONZÁLEZ, Roberto Carlos
C08B 37/08	COMPRISING PROTEINS AND	BUSER, Thomas
C08B 37/00	BIODEGRADABLE POLYESTERAMIDES	GOUTTE, Frédéric Jean-Claude
(11) EP3233041	(73) DSM IP Assets B.V.	BASIT, Abdul, Waseh
(21) EP15807921.0	(72) THIES, Jens, Christoph	VARUM, Felipe, José, Oliveira
(47) 30.01.2019	MIHOV, George	FREIRE, Ana,Cristina
(87) EP2015079224	DRAAISMA, Guy	(31) 12166110
23.06.2016	(31) 12186915	201261640217 P
(22) 10.12.2015	13173634	(32) 30.04.2012
(54) COSMETIC PROCESS FOR	(32) 02.10.2012	30.04.2012
ATTENUATING WRINKLES	25.06.2013	(33) European Patent Office (EPO)
(73) L'OREAL	(33) European Patent Office (EPO)	United States of America
(72) GREAVES, Andrew	European Patent Office (EPO)	(51) A61K 9/00
(31) 1462485	(51) A61K 9/00	C08L 101/14
(32) 16.12.2014	A61K 9/20	A61K 38/39
(33) France	A61K 9/28	A61K 9/06
(51) A61K 8/97	A61K 31/55	(11) EP2689774
A61Q 5/02	A61P 9/10	(21) EP11861767.9
A61Q 5/00	(11) EP2774606	(47) 30.01.2019
(11) EP2854757	(21) EP14155218.2	(87) CN2011000462
(21) EP13800141.7	(47) 30.01.2019	27.09.2012
(47) 23.01.2019	(22) 14.02.2014	(22) 21.03.2011
(87) US2013043059	(54) Pharmaceutical composition comprising	(54) REVERSELY THERMO-REVERSIBLE
12.12.2013	ivabradine hydrochloride polymorph IV	HYDROGEL COMPOSITIONS
(22) 29.05.2013	(73) Synthron B.V.	(73) Broda Technologies Co., Ltd
(54) COMPOSITIONS AND METHODS FOR	(72) Bakker-Holmdahl, Lisa	(72) LU, Shaoxiang
ENHANCING THE STRUCTURE OF	Murpani, Deepak	LU, Jeffrey
HAIR FIBERS	(51) A61K 9/00	(51) A61K 9/06
(73) ELC Management LLC	A61K 9/20	A61K 47/32
(72) XAVIER, Jean Harry	A61K 31/437	A61K 31/4188
HAWKINS, Geoffrey	A61K 33/10	A61P 3/10
ORR, Cindy L.	A61P 25/20	A61P 3/00
(31) 201213487526	A61K 9/46	(11) EP3035927
201213633950	A61K 47/02	(21) EP13891813.1
(32) 04.06.2012	A61K 9/50	(47) 30.01.2019
03.10.2012	A61K 31/4985	(87) US2013067196
(33) United States of America	(11) EP2651391	26.02.2015
United States of America	(21) EP11799420.2	(22) 29.10.2013
(51) A61K 9/00	(47) 23.01.2019	(54) COMPOSITION FOR TREATING
(11) EP2120860	(87) EP2011072933	OCULAR EFFECTS OF DIABETES
(21) EP07867799.4	21.06.2012	(73) Therapeutic Vision, Inc.
(47) 23.01.2019	(22) 15.12.2011	(72) WYMAN, Milton
(87) US2007025808	(54) PHARMACEUTICAL COMPOSITION	BELLAVIA, Vincent
10.07.2008	FOR ORAL ADMINISTRATION	(31) 201313974027
(22) 18.12.2007	INTENDED TO PREVENT MISUSE	(32) 22.08.2013
(54) PHARMACEUTICAL COMPOSITIONS	(73) SANOFI	(33) United States of America
AND METHOD FOR TREATING	(72) MARTINEZ, Annick	(51) A61K 9/08
INFLAMMATION IN CATTLE AND	ROUGEOT, Olivier	A61K 9/19
OTHER ANIMALS	YAGUCHI, Yoshikatsu	A61K 47/02
(73) Intervet International BV	(31) 1060655	A61K 47/20
(72) MEADOWS, Cheyney	(32) 16.12.2010	A61K 38/26
FREEHAUF, Keith, Alan	(33) France	A61P 5/48
SIMMONS, Robert, D.	(51) A61K 9/00	(11) EP3102184
WEINGARTEN, Allan, J.	A61K 9/28	(21) EP15706976.6
(31) 870907 P	A61K 31/606	(47) 30.01.2019
(32) 20.12.2006	A61K 47/32	(87) US2015014756
(33) United States of America	A61K 47/36	13.08.2015
(51) A61K 9/00	A61K 31/196	(22) 06.02.2015
A61K 9/16	A61K 31/616	(54) STABLE PEPTIDE FORMULATIONS
A61K 9/70	(11) EP2844220	AND METHODS FOR PREPARATION
C08G 69/00	(21) EP13719543.4	(73) Xeris Pharmaceuticals, Inc.
	(47) 23.01.2019	(72) PRESTRELSKI, Steven

DONOVAN, Martin	(72) LIN, Wenbin	A61P 25/24
(31) 201461936675 P	LIU, Demin	C07D 211/20
(32) 06.02.2014	DELLA ROCCA, Joseph	A61K 9/28
(33) United States of America	KRAMER, Stephanie, A.	A61K 9/20
(51) A61K 9/127	POON, Christopher, Y.	(11) EP2564837
(11) EP2959886	(31) 201161505806 P	(21) EP11775154.5
(21) EP15173789.7	(32) 08.07.2011	(47) 30.01.2019
(47) 30.01.2019	(33) United States of America	(87) JP2011060478
(22) 25.06.2015	(51) A61K 9/20	03.11.2011
(54) BIOENVIRONMENT-SENSITIVE	A61K 9/16	(22) 28.04.2011
NANOPARTICLE COMPRISING	A61K 31/485	(54) ENTERIC TABLET
POLYMER HAVING COMPLEMENTARY	A61K 45/06	(73) Takeda Pharmaceutical Company Limited
CHARGES	(11) EP2437729	(72) MISAKI, Masafumi
(73) University-Industry Foundation, Yonsei	(21) EP10725263.7	TSUSHIMA, Yuki
University	(47) 23.01.2019	NIWA, Masahiro
(72) HAAM, Seungjoo	(87) GB2010050948	(31) 2010105668
HUH, Yong-min	09.12.2010	(32) 30.04.2010
KIM, Hyun-Ouk	(22) 07.06.2010	(33) Japan
CHOI, Jihye	(54) TAMPER RESISTANT DOSAGE	(51) A61K 9/32
JANG, Eunji	FORM COMPRISING A MATRIX AND	A61K 47/30
KANG, Byunghoon	MELT-EXTRUDED PARTICULATES	A61K 45/06
NOH, Ilkoo	COMPRISING A DRUG	A61K 31/74
HAN, Seungmin	(73) Euro-Celtique S.A.	(11) EP3219312
SONG, Seung Won	(72) MOHAMMAD, Hassan	(21) EP16203827.7
LEE, Hwunjae	(31) 0909680	(47) 30.01.2019
CHUN, Haejin	(32) 05.06.2009	(22) 30.03.2005
(31) 20140078112	(33) United Kingdom	(54) ION BINDING POLYMERS AND USES
(32) 25.06.2014	(51) A61K 9/20	THEREOF
(33) Korea (Republic)	A61K 9/28	(73) Relypsa, Inc.
(51) A61K 9/14	A61K 31/785	(72) LIU, Mingjun
A61K 9/68	(11) EP2490675	CHARMOT, Dominique
A61K 31/465	(21) EP09741235.7	COPE, Michael James
(11) EP2421507	(47) 23.01.2019	KLAERNER, Gerrit
(21) EP10716463.4	(87) EP2009007586	MONG, Tony Kwok-Kong
(47) 23.01.2019	28.04.2011	LIU, Futian
(87) DK2010000055	(22) 22.10.2009	CHANG, HanTing
28.10.2010	(54) PHARMACEUTICAL COMPOSITIONS OF	(31) 814749
(22) 26.04.2010	SEVELAMER	813872
(54) CHEWING GUM AND PARTICULATE	(73) Syntho B.V.	814527
MATERIAL FOR CONTROLLED	(72) OSINGA, Niels, Jaap	965274
RELEASE OF ACTIVE INGREDIENTS	(51) A61K 9/20	(32) 30.03.2004
(73) Fertin Pharma A/S	A61K 47/02	30.03.2004
(72) PEDERSEN, Kurt, Møller	A61K 47/26	30.03.2004
ANDERSEN, Jette, Baek	A61K 47/38	13.10.2004
(31) 172474 P	(11) EP2001450	(33) United States of America
(32) 24.04.2009	(21) EP07790075.1	United States of America
(33) United States of America	(47) 30.01.2019	United States of America
(51) A61K 9/14	(87) IN2007000138	United States of America
A61K 47/69	11.10.2007	(51) A61K 31/13
A61K 49/06	(22) 30.03.2007	A61P 25/00
A61K 49/08	(54) DIRECTLY COMPRESSIBLE	(11) EP3359146
A61P 35/00	COMPOSITE FOR ORALLY	(21) EP17767933.9
A61K 9/51	DISINTEGRATING TABLETS	(47) 23.01.2019
A61K 51/12	(73) Rubicon Research Private Limited	(87) IB2017054928
A61K 31/663	(72) PILGAONKAR, Pratibha, S.	15.02.2018
A61K 31/675	RUSTOMJEE, Maharukh, T.	(22) 11.08.2017
(11) EP2729180	GANDHI, Anilkumar, S.	(54) PHARMACEUTICAL COMPOSITIONS
(21) EP12810577.2	BAGDE, Pradnya	AND USES DIRECTED TO LYSOSOMAL
(47) 23.01.2019	MORVEKAR, Hetal, N.	STORAGE DISORDERS
(87) US2012045954	(31) MU04982006	(73) Intrabio Ltd
17.01.2013	(32) 31.03.2006	(72) STRUPP, Michael
(22) 09.07.2012	(33) India	(31) 201613828
(54) METAL BISPHTHONATE	(51) A61K 9/22	201702552
NANOPARTICLES FOR ANTI-CANCER	A61K 9/32	201705762
THERAPY AND IMAGING AND FOR	A61K 31/4465	201706854
TREATING BONE DISORDERS	A61K 47/02	(32) 11.08.2016
(73) The University of North Carolina At Chapel	A61K 47/32	16.02.2017
Hill	A61K 47/34	10.04.2017

28.04.2017	A01N 43/90	(54) (+)-1,4-dihydro-7-[(3s,4s)-3-methoxy-4-(methylamino)-1-pyrrolidinyl]-4-oxo-1-(2-thiazolyl)-1,8-naphthyridine-3-carboxylic acid for use in the treatment of myelodysplastic syndrome
(33) United Kingdom	A61P 35/00	(73) Sunesis Pharmaceuticals, Inc.
United Kingdom	A61P 33/00	(72) Michelson, Glenn
United Kingdom	A61P 31/00	(31) 7229 P
United Kingdom	A61P 3/00	(32) 10.12.2007
(51) A61K 31/135	A01P 3/00	(33) United States of America
A61K 31/445	(11) EP2994128	(51) A61K 31/505
A61P 25/00	(21) EP14794603.2	A61K 31/44
(11) EP2906208	(47) 30.01.2019	A61K 31/506
(21) EP13846073.8	(87) US2014037368	A61K 31/4439
(47) 30.01.2019	13.11.2014	A61P 29/00
(87) US2013063533	(22) 08.05.2014	A61P 35/00
17.04.2014	(54) ACC INHIBITORS AND USES THEREOF	A61P 37/00
(22) 04.10.2013	(73) Gilead Apollo, LLC	(11) EP2903617
(54) THERAPEUTIC TREATMENT	(72) GREENWOOD, Jeremy Robert	(21) EP13845875.7
(73) Sears, Douglas	HARRIMAN, Geraldine C.	(47) 30.01.2019
Reilly, Michael	BORG, George	(87) US2013063163
(72) Sears, Douglas	MASSE, Craig E.	17.04.2014
Reilly, Michael	(31) 201361821829 P	(22) 03.10.2013
(31) 201261744948 P	(32) 10.05.2013	(54) INHIBITORS OF IRAK4 ACTIVITY
(32) 09.10.2012	(33) United States of America	(73) Merck Sharp & Dohme Corp.
(33) United States of America	(51) A61K 31/4035	(72) SEGANISH, W. Michael
(51) A61K 31/185	(11) EP2687213	MCELROY, William, T.
A61K 31/255	(21) EP13182315.5	BRUMFIELD, Stephanie
A61K 31/18	(47) 23.01.2019	HERR, R. Jason
A61K 45/06	(22) 27.03.2008	YET, Larry
A61P 35/00	(54) Solid forms comprising (+)-2-[1-(3-ethoxy-4-methoxyphenyl)-2-methylsulfonylethyl]-4-acetylaminoisindoline-1,3-dione, compositions thereof, and uses thereof	YANG, Jinhai
A61P 29/00	(73) CELGENE CORPORATION	HARDING, James, P., III
(11) EP3137071	(72) Muller, George, W.	HO, Ginny Dai
(21) EP15786643.5	Schafer, Peter, H.	TULSHIAN, Deen, B.
(47) 30.01.2019	Man, Hon-Wah	YU, Wensheng
(87) US2015028336	Ge, Chuansheng	WONG, Michael, K. C.
05.11.2015	Xu, Jean	LAVEY, Brian, J.
(22) 29.04.2015	(51) A61K 31/404	KOZLOWSKI, Joseph, A.
(54) USE OF 1,3-PROPANEDISULFONIC ACID OR PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF FOR THE TREATMENT OF SARCOIDOSIS	A61K 31/405	(31) 201261710951 P
(73) Icahn School of Medicine at Mount Sinai	A61P 25/28	(32) 08.10.2012
(72) MORGENTHAU, Adam S.	A61P 25/00	(33) United States of America
(31) 201461986719 P	C07D 491/048	(51) A61K 31/517
(32) 30.04.2014	C07D 209/44	A61K 31/14
(33) United States of America	(11) EP3099296	(11) EP2787999
(51) A61K 31/366	(21) EP15743281.6	(21) EP12856300.4
A61P 25/28	(47) 30.01.2019	(47) 23.01.2019
(11) EP1490050	(87) US2015013754	(87) US2012068167
(21) EP03716386.2	06.08.2015	13.06.2013
(47) 30.01.2019	(22) 30.01.2015	(22) 06.12.2012
(87) US2003007101	(54) ISOINDOLINE DERIVATIVE, COMPOSITIONS AND METHODS FOR TREATING NEURODEGENERATIVE DISEASE	(54) METHODS AND COMPOSITIONS FOR TREATING VIRAL DISEASES
18.09.2003	(73) Cognition Therapeutics, Inc.	(73) The Board of Trustees of the Leland Stanford Junior University
(22) 07.03.2003	(72) RISHTON, Gilbert	(72) EINAV, Shirit
(54) BRYOSTATIN-1 FOR USE IN ALZHEIMER'S DISEASE TREATMENT AND COGNITIVE ENHANCEMENT	CATALANO, Susan, M.	BAROUCH-BENTOV, Rina
(73) Blanchette Rockefeller Neurosciences Institute	LOOK, Gary, C.	NEVEU, Gregory
(72) ETCHEBERRIGARAY, Rene	(31) 201461934528 P	ZIVAV, Amotz
ALKON, Daniel, L.	(32) 31.01.2014	(31) 201161567491 P
(31) 362080 P	(33) United States of America	(32) 06.12.2011
167491	(51) A61K 31/4375	(33) United States of America
(32) 07.03.2002	A61K 31/513	(51) A61K 31/5585
13.06.2002	A61P 35/02	A61P 9/00
(33) United States of America	A61K 45/06	(11) EP2879684
United States of America	A61K 31/53	(21) EP13824807.5
(51) A61K 31/38	(11) EP2649997	(47) 30.01.2019
C07D 495/04	(21) EP13166632.3	(87) US2013052700
C07D 513/04	(47) 23.01.2019	06.02.2014
C07D 487/04	(22) 10.12.2008	(22) 30.07.2013

(54) TREATMENT OF PULMONARY ARTERIAL HYPERTENSION WITH PROSTACYCLIN-TREATED ENDOTHELIAL PROGENITOR CELLS	(11) EP2473175 (21) EP10759693.4 (47) 23.01.2019 (87) GB2010001680	A61L 27/42 A61L 27/44 A61L 27/56 (11) EP2367556 (21) EP09827265.1 (47) 23.01.2019 (87) IL2009001092 27.05.2010
(73) United Therapeutics Corporation	(10.03.2011)	
(72) JEFFS, Roger PETERSEN, Thomas ILAGAN, Roger M. WADE, Michael	(22) 03.09.2010 (54) USE OF NON-DIGESTIBLE OLIGOSACCHARIDES	(22) 19.11.2009 (54) SOLID FORMS FOR TISSUE REPAIR (73) Cartiheal (2009) Ltd. (72) ALTSCHULER, Nir VAGO, Razi
(31) 201261678208 P 201361750458 P	(73) Curapel (Scotland) Limited (72) PAUS, Ralf, Ludwig O'NEILL, Catherine, Anne	(22) 19.11.2009 (54) SOLID FORMS FOR TISSUE REPAIR (73) Cartiheal (2009) Ltd. (72) ALTSCHULER, Nir VAGO, Razi
(32) 01.08.2012 09.01.2013	(31) 0915315 (32) 03.09.2009	(31) 116503 P (32) 20.11.2008
(33) United States of America United States of America	(33) United Kingdom	(31) 116503 P (32) 20.11.2008
(51) A61K 31/56 A61K 31/565 A61K 31/575 A61P 25/00 A61P 7/10	(51) A61K 31/785 A23L 33/17 C08G 69/10 A61P 1/14 A61P 3/04 A61P 3/06 A61P 3/10	(33) United States of America (51) A61K 36/52 A23L 27/30 (11) EP3108754 (21) EP15173722.8 (47) 30.01.2019 (22) 24.06.2015
(11) EP3135288 (21) EP15783742.8 (47) 30.01.2019 (87) CN2015076528 29.10.2015	(11) EP2664338 (21) EP11855837.8 (47) 30.01.2019 (87) JP2011079475 19.07.2012	(47) 30.01.2019 (22) 24.06.2015 (54) NOVEL TRITERPENE GLYCOSIDES AS SWEETENERS OR SWEETENER ENHANCER (73) Analyticon Discovery GmbH (72) Siems, Karsten Kluge, Grit Jakupovic, Sven Tsichrintzi, Fotini Hetterling, Gregor
(22) 14.04.2015	(22) 20.12.2011	
(54) NEUROPROTECTANT AND INDICATION THEREOF	(54) POTASSIUM POLYGLUTAMATE FOR USE IN THE TREATMENT OF OBESITY, DIABETES, HYPERTRIGLYCERIDEMIA AND HYPERLIPIDEMIA	
(73) Guangzhou Cellprotek Pharmaceutical Co., Ltd.	(73) Kao Corporation	
(72) YIN, Wei CHEN, Jiesi YAN, Guangmei LU, Bingzheng ZHU, Wenbo HU, Haiyan QIU, Pengxin HUANG, Yijun ZHANG, Jingxia	(72) ISHIMARU, Kotomi SAWADA, Kazuhisa OSAKI, Noriko	
(31) 201410170263 (32) 25.04.2014 (33) China	(31) 2011004313 2011004314 2011004315 2011004316	(51) A61K 36/80 A61P 29/00 A61P 11/06 A61K 9/00 A61K 31/192 A61K 31/7048 A23L 27/10 A23L 33/105 (11) EP2941263 (21) EP13869176.1 (47) 30.01.2019 (87) KR2013011986 03.07.2014 (22) 23.12.2013
(51) A61K 31/661 A61K 47/61 C07K 2/00 A61P 39/00	(32) 12.01.2011 12.01.2011 12.01.2011 12.01.2011	(47) 30.01.2019 (87) KR2013011986 03.07.2014 (22) 23.12.2013
(11) EP2714715 (21) EP12792291.2 (47) 23.01.2019 (87) CN2012076380 06.12.2012	(33) Japan Japan Japan Japan	(54) A PURIFIED EXTRACT ISOLATED FROM PSEUDOLYSIMACHION ROTUNDUM VAR. SUBINTEGRUM CONTAINING ABUNDANT AMOUNT OF ACTIVE INGREDIENT, THE PREPARATION THEREOF, AND THE COMPOSITION COMPRISING THE SAME AS AN ACTIVE INGREDIENT FOR PREVENTING OR TREATING INFLAMMATION, ALLERGY AND ASTHMA (73) Korea Research Institute of Bioscience and Biotechnology Yungjin Pharmaceutical Co., Ltd.
(22) 01.06.2012	(51) A61K 33/08 A61K 45/06 A61K 9/00 A61K 9/14 A61P 15/02 A61P 31/04 A61P 31/10	(72) LEE, Yongnam YOO, Ji-seok SHIN, Dae-hee RYOO, Byung-hwan OH, Sei-ryang AHN, Kyung-seop LEE, Hyeongkyu KWON, Ok-kyoung KIM, Doo-young
(54) PHARMACEUTICAL COMPOSITIONS	(11) EP3167891 (21) EP16455004.8 (47) 23.01.2019 (22) 25.10.2016	
(73) SeeCURE Taiwan Co., Ltd.	(54) TREATMENT OF VAGINITIS	
(72) WANG, Chau-Hui CHEN, Chia-Hung CHEN, Jing-Yi HSU, Chih-Wei	(73) Glock Health, Science and Research GmbH (72) Glock, Gaston	
(31) 201161493004 P (32) 03.06.2011 (33) United States of America	(31) 15194288 (32) 12.11.2015 (33) European Patent Office (EPO)	
(51) A61K 31/702 A61P 17/06 A61K 9/00 A61K 47/06 A61K 47/10 A61K 9/20 A23L 33/21	(51) A61K 35/12 A61L 27/34 A61L 27/36 A61L 27/38	

KIM, Jung-hee	(54) ENHANCING ANTI-CANCER ACTIVITY OF IMMUNOMODULATORY FC FUSION PROTEINS	(54) COVALENT DIABODIES AND USES THEREOF
SONG, Hyuk-Hwan	(73) Bristol-Myers Squibb Company	(73) MacroGenics, Inc.
(31) 20120158130	(72) ENGELHARDT, John, J.	(72) Johnson, Leslie, S.
20130084167	KORMAN, Alan, J.	Huang, Ling
(32) 31.12.2012	QUIGLEY, Michael	(31) 139352 P
17.07.2013	SELBY, Mark, J.	156035 P
(33) Korea (Republic)	WANG, Changyu	256779 P
Korea (Republic)	(31) 201261732760 P	(32) 19.12.2008
(51) A61K 38/18	201361801187 P	27.02.2009
A61K 38/20	(32) 03.12.2012	30.10.2009
A61P 35/00	15.03.2013	(33) United States of America
(11) EP3117833	(33) United States of America	United States of America
(21) EP16171392.0	United States of America	United States of America
(47) 23.01.2019	(51) A61K 39/00	(51) A61K 39/00
(22) 19.07.2006	C07K 7/04	C07K 16/28
(54) INHIBITION OF THE TUMORIGENIC POTENTIAL OF TUMOR STEM CELLS BY LIF	C07K 7/06	(11) EP2968487
(73) Stemgen S.P.A.	(11) EP2654778	(21) EP14710327.9
(72) VESCOVI, Angelo Luigi	(21) EP11802093.2	(47) 30.01.2019
REYNOLDS, Brent Allan	(47) 23.01.2019	(87) EP2014055336
(31) 700859 P	(87) EP2011073599	18.09.2014
(32) 19.07.2005	28.06.2012	(22) 17.03.2014
(33) United States of America	(22) 21.12.2011	(54) ANTI-MACROPHAGE MANNOSE RECEPTOR SINGLE VARIABLE DOMAINS FOR USE IN CARDIOVASCULAR DISEASES
(51) A61K 38/28	(54) VACCINES BASED ON PEPTIDES OF THE COMPLEMENT PROTEIN C5A	(73) VIB VZW
C07K 5/00	(73) Affiris AG	Vrije Universiteit Brussel
(11) EP2900255	(72) STAFFLER, Günther	(72) DE BAETSELIER, Patrick
(21) EP13841334.9	LANDLINGER, Christine	RAES, Geert
(47) 30.01.2019	MATTNER, Frank	SCHOONOOGHE, Steve
(87) US2013061676	(31) 10196232	DE VOS, Jens
03.04.2014	(32) 21.12.2010	LAHOUTTE, Tony
(22) 25.09.2013	(33) European Patent Office (EPO)	DEVOOGDT, Nick
(54) INSULIN ANALOG DIMERS	(51) A61K 39/00	HERNOT, Sophie
(73) Indiana University Research and Technology Corporation	C07K 16/00	BALA, Gezim
(72) DIMARCHI, Richard D.	C07K 16/28	TIERENS, Simon
ZHAO, Yan	C07K 16/32	(31) 201361798071 P
(31) 201261705834 P	C07K 16/44	(32) 15.03.2013
(32) 26.09.2012	(11) EP2376109	(33) United States of America
(33) United States of America	(21) EP09837939.9	(51) A61K 39/00
(51) A61K 39/00	(47) 23.01.2019	C07K 16/36
A61K 38/48	(87) US2009068577	(11) EP2373691
C12N 9/48	15.07.2010	(21) EP09837993.6
(11) EP3038645	(22) 17.12.2009	(47) 23.01.2019
(21) EP14839306.9	(54) COVALENT DIABODIES AND USES THEREOF	(87) US2009068768
(47) 30.01.2019	(73) MacroGenics, Inc.	15.07.2010
(87) US2014051789	(72) JOHNSON, Leslie, S.	(22) 18.12.2009
05.03.2015	HUANG, Ling	(54) ANTI-FXI ANTIBODIES AND METHODS OF USE
(22) 20.08.2014	(31) 156035 P	(73) Vanderbilt University
(54) METHOD FOR TREATMENT OF ERBB2 POSITIVE CANCERS	139352 P	Oregon Health & Science University
(73) Health Research, Inc.	256779 P	Gruber, Andras
(72) ZHANG, Yuesheng	(32) 27.02.2009	Tucker, Erik I.
YANG, Lu	19.12.2008	Gailani, David
LI, Yun	30.10.2009	(72) GRUBER, Andras
(31) 201361870054 P	(33) United States of America	TUCKER, Erik, I.
(32) 26.08.2013	United States of America	GAILANI, David
(33) United States of America	United States of America	(31) 138590 P
(51) A61K 39/00	(51) A61K 39/00	(32) 18.12.2008
A61P 35/00	C07K 16/00	(33) United States of America
C07K 16/28	C07K 16/28	(51) A61K 39/12
(11) EP2925350	C07K 16/32	A61K 39/42
(21) EP13811698.3	C07K 16/44	A61K 39/39
(47) 30.01.2019	(11) EP2786762	A61K 38/16
(87) US2013072918	(21) EP14161122.8	A61P 37/00
12.06.2014	(47) 30.01.2019	(11) EP2429577
(22) 03.12.2013	(22) 17.12.2009	(21) EP10775467.3

(47) 30.01.2019	European Patent Office (EPO)	KAWAI, Shigeto
(87) US2010034537	(51) A61K 39/36	(31) 2006221230
18.11.2010	C07K 14/02	2007019108
(22) 12.05.2010	(11) EP2717910	(32) 14.08.2006
(54) NEW HUMAN ROTAVIRUS STRAINS AND VACCINES	(21) EP12729450.2	30.01.2007
(73) The Government of The United States of America, as represented by the Secretary, Department of Health and Human Services,	(47) 23.01.2019	(33) Japan
(72) JIANG, Baoming	(87) EP2012061040	Japan
GLASS, Roger, I.	13.12.2012	(51) A61K 39/395
WANG, Yuhuan	(22) 11.06.2012	A61P 31/12
GENTSCH, Jon	(54) PEPTIDE CARRIER FUSION PROTEINS AS ALLERGY VACCINES	A61K 38/21
(31) 177393 P	(73) BIOMAY AG	A61K 39/42
(32) 12.05.2009	(72) NIESPODZIANA, Katarzyna	A61K 45/06
(33) United States of America	FOCKE-TEJKL, Margarete	(11) EP2858674
(51) A61K 39/145	VRTALA, Susanne	(21) EP13817251.5
A61K 9/00	BANERJEE, Srinita	(47) 30.01.2019
A61K 9/70	CHEN, Kuan-Wei	(87) KR2013006025
A61K 47/32	WEBER, Milena	16.01.2014
A61K 47/34	VALENTA, Rudolf	(22) 08.07.2013
A61K 47/36	MARTH, Katharina	(54) AN ANTIBODY COMPOSITION FOR PREVENTION OR TREATMENT OF MUTANT HEPATITIS B VIRUS INFECTION
A61P 31/16	(31) 11169365	(73) Green Cross Corporation
A61K 39/00	(32) 09.06.2011	(72) KIM, Se-Ho
A61K 39/12	(33) European Patent Office (EPO)	HONG, Kwang-Won
(11) EP3127552	(51) A61K 39/395	SHIN, Wong-won
(21) EP15774458.2	A61P 1/02	CHANG, Ki Hwan
(47) 23.01.2019	G01N 33/50	(31) 20120075063
(87) JP2015060427	A61K 38/12	(32) 10.07.2012
08.10.2015	(11) EP2863949	(33) Korea (Republic)
(22) 02.04.2015	(21) EP13807873.8	(51) A61K 39/395
(54) INACTIVATED WHOLE VIRION VACCINE-CONTAINING MICRONEEDLE ARRAY PREPARATION AND METHOD FOR ADMINISTERING THE SAME	(47) 23.01.2019	A61P 35/00
(73) FUJIFILM Corporation	(87) US2013046599	C07K 16/30
National University Corporation Hokkaido University	27.12.2013	C07K 16/18
(72) KURUMA Koji	(22) 19.06.2013	(11) EP2976104
OYAMADA Takayoshi	(54) METHODS OF TREATING OR PREVENTING PERIODONTITIS AND DISEASES ASSOCIATED WITH PERIODONTITIS	(21) EP14716010.5
SHIMADA Toshio	(73) Trustees Of The University Of Pennsylvania	(47) 30.01.2019
SAKODA Yoshihiro	(72) HAJISHENGALLIS, George	(87) IB2014059416
KIDA Hiroshi	LAMBRIS, John D.	25.09.2014
(31) 2014077603	(31) 201261662022 P	(22) 04.03.2014
(32) 04.04.2014	201313801096	(54) ANTI-BAG3 ANTIBODIES FOR THERAPEUTIC USE
(33) Japan	(32) 20.06.2012	(73) Biouniversa S.r.l.
(51) A61K 39/35	13.03.2013	(72) TURCO, Maria Caterina
A61K 39/36	(33) United States of America	(31) MI20130403
C07K 1/34	United States of America	(32) 18.03.2013
A61K 36/00	(51) A61K 39/395	(33) Italy
(11) EP3141262	A61P 1/04	(51) A61K 45/06
(21) EP16184996.3	A61P 1/18	A61K 31/397
(47) 23.01.2019	A61P 11/00	A61K 31/506
(22) 07.06.2010	A61P 35/00	(11) EP2854856
(54) REDUCTION OF IN VITRO GENOTOXICITY OF POLLEN EXTRACTS BY REMOVAL OF FLAVONOIDS	A61P 43/00	(21) EP13732257.4
(73) STALLERGENES	C12N 15/09	(47) 23.01.2019
(72) MOINGEON, Philippe	G01N 33/574	(87) IB2013054177
BATARD, Thierry	C12N 5/10	12.12.2013
VILLET, Bertrand	(11) EP3111955	(22) 21.05.2013
(31) 09305517	(21) EP16178652.0	(54) USE OF GHRELIN RECEPTOR INVERSE AGONISTS OR ANTAGONISTS FOR TREATING SLEEP DISORDERS
09174479	(47) 23.01.2019	(73) Pfizer Inc.
(32) 05.06.2009	(22) 14.08.2007	(72) DENNEY, William S.
29.10.2009	(54) DIAGNOSIS AND TREATMENT OF CANCER USING ANTI-DESMOGLIN-3 ANTIBODY	JACKSON, Margaret
(33) European Patent Office (EPO)	(73) CHUGAI SEIYAKU KABUSHIKI KAISHA THE UNIVERSITY OF TOKYO	SONNENBERG, Gabriele
	(72) ABURATANI, Hiroyuki	(31) 201261655177 P
	ISHIKAWA, Shunpei	201361812416 P
	ITO, Hirotaka	(32) 04.06.2012
	NAKANO, Kiyotaka	16.04.2013
		(33) United States of America

United States of America	(72) SAKAGUCHI, Naoki	Huh, Myungn Sook
(51) A61K 45/06	(31) 2012124796	Lee, Seung Young
A61P 27/10	(32) 31.05.2012	Lee, So Jin
A61K 9/00	(33) Japan	(31) 20100089081
A61K 31/137	(51) A61K 47/34	(32) 10.09.2010
A61K 31/167	A61K 9/32	(33) Korea (Republic)
A61K 31/4168	A61K 9/70	(51) A61K 47/64
A61K 31/4174	A61K 47/02	A61K 51/08
A61K 31/4178	A61K 47/04	A61K 51/10
A61K 31/4402	A61K 47/14	A61P 35/00
(11) EP2874660	A61K 9/28	(11) EP2928502
(21) EP13745508.5	(11) EP2612681	(21) EP13802328.8
(47) 23.01.2019	(21) EP11821835.3	(47) 23.01.2019
(87) US2013051153	(47) 30.01.2019	(87) EP2013075494
23.01.2014	(87) JP2011069692	12.06.2014
(22) 18.07.2013	08.03.2012	(22) 04.12.2013
(54) OPHTHALMIC FORMULATION AND METHOD FOR AMELIORATING PRESBYOPIA	(22) 31.08.2011	(54) CONJUGATES OF PROTEINS AND MULTIVALENT CELL-PENETRATING PEPTIDES AND THEIR USES
(73) Vejarano Restrepo, Luis Felipe	(54) COATING AGENT FOR PHARMACEUTICAL SOLID PREPARATION, PHARMACEUTICAL FILM FORMULATION, AND COATED PHARMACEUTICAL SOLID PREPARATION	(73) Ruprecht-Karls-Universität Heidelberg
(72) Vejarano Restrepo, Luis Felipe	(73) Toray Industries, Inc.	(72) STRIEKER, Matthias
(31) 201213553615	(72) FUJISAKI, Yuki	MIER, Walter
(32) 19.07.2012	YOSHII, Ryoji	HABERKORN, Uwe
(33) United States of America	TAKAKI, Suguru	(31) 201261733619 P
(51) A61K 47/02	(31) 2010194355	(32) 05.12.2012
A61K 47/18	(32) 31.08.2010	(33) United States of America
A61K 9/50	(33) Japan	(51) A61K 48/00
A61K 39/00	(51) A61K 47/38	C12N 15/63
A61K 38/00	A61K 9/16	C12N 15/74
(11) EP2222280	C08B 11/20	C12N 15/86
(21) EP08862690.8	C08B 13/00	(11) EP3058959
(47) 30.01.2019	(11) EP3270969	(21) EP16162716.1
(87) GB2008004122	(21) EP16711735.7	(47) 30.01.2019
25.06.2009	(47) 23.01.2019	(22) 02.05.2006
(22) 15.12.2008	(87) US2016021322	(54) GENE THERAPY FOR NEUROMETABOLIC DISORDERS
(54) SLOW RELEASE COMPOSITIONS	22.09.2016	(73) Genzyme Corporation
(73) The University of Strathclyde	(22) 08.03.2016	(72) Passini, Marco A.
(72) MOORE, Barry, Douglas	(54) A PROCESS FOR FRACTIONATING AN ESTERIFIED CELLULOSE ETHER	Dodge, James
PARTRIDGE, Johann	(73) Dow Global Technologies LLC	Stewart, Gregory R
BRADLEY, Louise	(72) PETERMANN, Oliver	(31) 677057 P
VOS, Jan	KNARR, Matthias	685808 P
(31) 0724498	BRACKHAGEN, Meinolf	(32) 02.05.2005
(32) 15.12.2007	SPREHE, Matthias	31.05.2005
(33) United Kingdom	(31) 201562133505 P	(33) United States of America
(51) A61K 47/28	(32) 16.03.2015	United States of America
A61K 9/107	(33) United States of America	(51) A61K 49/18
A61K 9/127	(51) A61K 47/61	A61K 49/04
A61K 38/00	A61K 47/69	B82Y 5/00
A61K 47/14	A61K 48/00	(11) EP2493512
A61K 47/22	C12N 15/11	(21) EP10771742.3
A61K 47/24	C12N 15/87	(47) 23.01.2019
C07K 17/02	A61P 35/00	(87) EP2010066429
(11) EP2857043	(11) EP2436399	05.05.2011
(21) EP13797114.9	(21) EP10013588.8	(22) 29.10.2010
(47) 23.01.2019	(47) 23.01.2019	(54) TREATING WATER INSOLUBLE NANOPARTICLES WITH HYDROPHILIC ALPHA-HYDROXYPHOSPHONIC ACID CONJUGATES, THE SO MODIFIED NANOPARTICLES AND THEIR USE AS CONTRAST AGENTS
(87) JP2013065126	(22) 13.10.2010	(73) General Electric Company
05.12.2013	(54) Polymeric nano-particles for siRNA delivery using charge interaction and covalent bonding	(72) BALES, Brian, C.
(22) 24.05.2013	(73) KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY	HAY, Bruce, Alan
(54) pH-SENSITIVE CARRIER AND METHOD FOR PRODUCTION THEREOF, pH-SENSITIVE MEDICINE AND pH-SENSITIVE PHARMACEUTICAL COMPOSITION EACH CONTAINING SAID CARRIER, AND CULTURE METHOD USING SAID pH-SENSITIVE MEDICINE OR SAID pH-SENSITIVE PHARMACEUTICAL COMPOSITION	(72) Kim, Kwang Meyung	KANDAPALLIL, Binil, Itty, Ipe
(73) Terumo Kabushiki Kaisha	Kwon, Ick Chan	(31) 609799
	Choi, Kuiwon	(32) 30.10.2009
		(33) United States of America

(51) A61L 2/00 C07K 14/435	HUFF PHILGREEN, Hilary Lynne	(54) HYDROGEL FILAMENTS FOR BIOMEDICAL USES
(11) EP3154597	(31) 201261715132 P	(73) MicroVention, Inc.
(21) EP14731583.2	201314055766	(72) CRUISE, Gregory, M.
(47) 30.01.2019	(32) 17.10.2012	CONSTANT, Michael, J.
(87) EP2014062276	16.10.2013	KEELEY, E., Michael
17.12.2015	(33) United States of America	TERRANCE, Tran, T.
(22) 12.06.2014	United States of America	
(54) PREPARATION METHODS FOR A NOVEL GENERATION OF BIOLOGICAL SAFE KLH PRODUCTS USED FOR CANCER TREATMENT, FOR THE DEVELOPMENT OF CONJUGATED THERAPEUTIC VACCINES AND AS CHALLENGING AGENTS	(51) A61L 2/20	(31) 16342 P
(73) Biosyn Arzneimittel GmbH	A61L 2/24	(32) 21.12.2007
(72) KOTTWITZ, Ortwin	(11) EP2440256	(33) United States of America
STIEFEL, Thomas	(21) EP10786477.9	
MUDDUKRISHNA, Shammana N.	(47) 23.01.2019	(51) A61L 27/24
	(87) US2010001001	A61L 27/20
(51) A61L 2/08	16.12.2010	C08H 1/00
G01T 1/20	(22) 02.04.2010	A61K 8/64
G01T 1/202	(54) IMPROVED METHOD FOR STERILIZING OBJECTS IN A LOAD USING A CHEMICAL STERILANT	A61L 27/22
B67C 7/00	(73) Sterilucent, Inc.	A61L 27/26
A61L 2/28	(72) MCLAREN, Jami	(11) EP2643029
(11) EP3220963	OLSON, Steven, J.	(21) EP11842615.4
(21) EP15797054.2	MEYER, Michelle	(47) 30.01.2019
(47) 23.01.2019	LARSON, Kent	(87) AU2011001503
(87) EP2015076638	(31) 483014	31.05.2012
26.05.2016	(32) 11.06.2009	(22) 22.11.2011
(22) 16.11.2015	(33) United States of America	(54) PREPARATION AND/OR FORMULATION OF PROTEINS CROSS- LINKED WITH POLYSACCHARIDES
(54) E-BEAM EMITTER WITH DOSIMETER ASSEMBLY	(51) A61L 9/03	(73) Elastagen Pty Ltd
(73) Tetra Laval Holdings & Finance SA	A01M 1/20	(72) SOMMER-KNUDSEN, Jens
(72) OMRANE, Alaa	(11) EP3030270	(31) 344940 P
(31) 1451383	(21) EP14755894.4	(32) 23.11.2010
(32) 18.11.2014	(47) 30.01.2019	(33) United States of America
(33) Sweden	(87) GB2014052424	(51) A61L 27/36
(51) A61L 2/18	12.02.2015	(11) EP3040088
A61L 2/22	(22) 07.08.2014	(21) EP14840537.6
B08B 3/02	(54) DEVICE AND METHOD FOR EVAPORATING A VOLATILE FLUID	(47) 30.01.2019
B60B 19/00	(73) Reckitt Benckiser (Brands) Limited	(87) CN2014078737
(11) EP3265136	(72) DUFFIELD, Paul	05.03.2015
(21) EP16707634.8	(31) 201314117	(22) 29.05.2014
(47) 23.01.2019	(32) 07.08.2013	(54) METHOD FOR PREPARING AN ANIMAL DECELLULARIZED TISSUE MATRIX MATERIAL AND A DECELLULARIZED TISSUE MATRIX MATERIAL PREPARED THEREBY
(87) EP2016000351	(33) United Kingdom	(73) Beijing Ruijian Gaoke Biotechnology Co., Ltd.
09.09.2016	(51) A61L 15/26	(72) LIU, Zhigang
(22) 29.02.2016	A61L 15/42	LIU, Xinhua
(54) METHOD FOR CLEANING A MULTIDIRECTIONAL WHEEL	A61L 15/44	(31) 201310376619
(73) Fresenius Medical Care Deutschland GmbH	(11) EP3106181	(32) 26.08.2013
(72) BRANDL, Matthias	(21) EP16174297.8	(33) China
FAULHABER, Thomas	(47) 23.01.2019	
MELINIC, Pavel	(22) 14.06.2016	(51) A61L 27/36
(31) 102015002531	(54) DEVICE FOR THE VACUUM THERAPY OF WOUNDS CONTAINING SILICONE- CONTAINING POLYURETHANE FOAM	A61L 27/60
(32) 02.03.2015	(73) Paul Hartmann AG	C12N 5/071
(33) Germany	(72) DEIBLER, Martin	C07K 14/78
(51) A61L 2/20	(31) 102015007622	C12N 1/06
A47L 23/20	(32) 16.06.2015	(11) EP2538988
(11) EP2908868	(33) Germany	(21) EP11771666.2
(21) EP13846917.6	(51) A61L 27/16	(47) 30.01.2019
(47) 30.01.2019	A61L 27/18	(87) IB2011001538
(87) US2013065446	A61B 17/00	27.10.2011
24.04.2014	A61B 17/12	(22) 25.02.2011
(22) 17.10.2013	A61B 90/00	(54) METHODS FOR TISSUE DECELLULARIZATION
(54) DEODORIZING AND SANITIZING CONTAINER	(11) EP2231215	(73) DeCell Technologies Inc.
(73) Hantover, Inc.	(21) EP08867736.4	(72) GRATZER, Paul, Frank
(72) LEVSEN, Clark A.	(47) 30.01.2019	(31) 308872 P
	(87) US2008087846	(32) 26.02.2010
	09.07.2009	(33) United States of America
	(22) 19.12.2008	(51) A61L 27/38

(11) EP2892577	A61F 2/00	(54) Stent with a surface layer having a topographic modification
(21) EP13835980.7	(11) EP2812041	(73) Biotronik AG
(47) 30.01.2019	(21) EP13706804.5	(72) Ferrari, Aldo
(87) US2013057806	(47) 23.01.2019	Kurtcuoglu, Vartan
13.03.2014	(87) US2013025171	Schön, Philipp
(22) 03.09.2013	15.08.2013	Ulmer, Jens
(54) METHODS OF TISSUE GENERATION	(22) 07.02.2013	Borck, Alexander
(73) Anthrogenesis Corporation	(54) SURGICAL SCAFFOLDS	Gratz, Matthias
(72) BHATIA, Mohit B.	(73) Boston Scientific Scimed, Inc.	Rzany, Alexander
HARIRI, Robert J.	(72) NAGALE, Sandra	Schmiedl, Robert
HOFGARTNER, Wolfgang	BODEN, Mark W.	Poulikakos, Dimos
WANG, Jia-Lun	(31) 201261596303 P	Klocke, Björn
YE, Qian	(32) 08.02.2012	(31) 377464 P
(31) 201261696487 P	(33) United States of America	102010037194
(32) 04.09.2012	(51) A61L 27/52	(32) 27.08.2010
(33) United States of America	A61K 9/06	27.08.2010
(51) A61L 27/38	C08J 3/24	(33) United States of America
C12N 5/0775	(11) EP2686018	Germany
(11) EP2651465	(21) EP12757920.9	(51) A61L 31/02
(21) EP11849703.1	(47) 23.01.2019	A61L 31/14
(47) 23.01.2019	(87) US2012029686	(11) EP3134140
(87) AU2011001639	20.09.2012	(21) EP15717713.0
21.06.2012	(22) 19.03.2012	(47) 30.01.2019
(22) 19.12.2011	(54) POLYMER HYDROGELS FOR IN VIVO APPLICATIONS AND METHODS FOR USING AND PREPARING SAME	(87) US2015023092
(54) ARTHROSCOPY METHOD	(73) Georgia Tech Research Corporation	29.10.2015
(73) Cell Ideas Pty Ltd	(72) MURTHY, Niren	(22) 27.03.2015
(72) VESEY, Graham	HERMANN, Christopher	(54) BIOERODIBLE STENT
(31) 2010905535	WILSON, David Scott	(73) Medtronic Vascular Inc.
(32) 17.12.2010	NING, Xinghai	(72) PULUGURTHA, Syamala R.
(33) Australia	BOYAN, Barbara D.	(31) 201414258290
(51) A61L 27/42	SCHWARTZ, Zvi	(32) 22.04.2014
A61L 27/58	GULDBERG, Robert	(33) United States of America
A61L 31/12	DIAB, Tamim	(51) A61L 31/02
A61L 31/14	(31) 201161453818 P	C23C 14/34
A61L 17/06	(32) 17.03.2011	C23C 14/16
(11) EP2777724	(33) United States of America	A61F 2/01
(21) EP14159212.1	(51) A61L 27/56	A61L 31/08
(47) 30.01.2019	A61F 2/44	(11) EP2937105
(22) 12.03.2014	A61L 27/14	(21) EP13864769.8
(54) Composite material and uses thereof	A61L 27/04	(47) 30.01.2019
(73) St. Jude Medical Coordination Center BVBA	(11) EP2968678	(87) CN2013088559
(72) Örnberg, Andreas	(21) EP14763785.4	26.06.2014
Norlin-Weissenrieder, Anna	(47) 30.01.2019	(22) 04.12.2013
Weissenrieder, Jonas	(87) US2014027796	(54) MEDICAL INSTRUMENT AND METHOD FOR ITS PREPARATION
(31) 201313829033	18.09.2014	(73) Lifetech Scientific (Shenzhen) Co., Ltd.
(32) 14.03.2013	(22) 14.03.2014	(72) LIU, Hengquan
(33) United States of America	(54) POROUS TISSUE INGROWTH STRUCTURE	DONG, Lihua
(51) A61L 27/48	(73) Smed-Ta/Td, Llc	(31) 201210562809
C12N 5/071	(72) NEBOSKY, Paul, S.	(32) 21.12.2012
A61L 27/26	STALCUP, Gregory, C.	(33) China
A61L 27/38	KNAPP, Troy, D.	(51) A61L 31/06
A61L 27/56	(31) 201361789723 P	(11) EP2465551
A61L 27/58	201414209407	(21) EP11191735.7
(11) EP3010556	(32) 15.03.2013	(47) 23.01.2019
(21) EP14731159.1	13.03.2014	(22) 02.12.2011
(47) 30.01.2019	(33) United States of America	(54) Polymeric stent
(87) EP2014001626	United States of America	(73) Biotronik AG
24.12.2014	(51) A61L 31/02	(72) Borck, Alexander
(22) 16.06.2014	A61L 31/10	(31) 423124 P
(54) MATRIX AND IMPLANT FOR TISSUE ENGINEERING	A61L 31/14	(32) 15.12.2010
(73) Baer, Hans U.	(11) EP2422827	(33) United States of America
(72) Baer, Hans U.	(21) EP11178588.7	(51) A61L 31/06
(31) 13003086	(47) 30.01.2019	A61L 29/06
(32) 17.06.2013	(22) 24.08.2011	A61L 29/08
(33) European Patent Office (EPO)		A61L 29/14
(51) A61L 27/50		A61L 31/10
A61L 31/14		

A61L 31/14	(72) PRATT, Benjamin, Andrew	(54) CELL WASHING DEVICE USING
(11) EP2583699	SEDDON, James, Killingworth	A BULK ACOUSTIC WAVE WITH
(21) EP11795550.0	(31) 201462048615 P	PHANTOM MATERIAL
(47) 23.01.2019	(32) 10.09.2014	(73) Biomet Biologics, LLC
(87) JP2011062414	(33) United States of America	(72) ABESKARON, David
22.12.2011	(51) A61M 1/00	LEACH, Michael D.
(22) 30.05.2011	A61M 39/22	(31) 201462095480 P
(54) METHOD FOR PRODUCING MEDICAL	F16K 31/122	(32) 22.12.2014
DEVICE	F16K 7/07	(33) United States of America
(73) Terumo Kabushiki Kaisha	F16K 7/20	(51) A61M 3/02
(72) SHINODA, Sayaka	(11) EP3313468	(11) EP3193966
OMATA, Kazuya	(21) EP16736701.0	(21) EP15771013.8
SAWADA, Satoshi	(47) 23.01.2019	(47) 23.01.2019
ANZAI, Takao	(87) US2016039605	(87) DK2015050285
(31) 2010186574	05.01.2017	24.03.2016
2010137630	(22) 27.06.2016	(22) 21.09.2015
(32) 23.08.2010	(54) APPARATUS FOR IRRIGATION WITH	(54) AN ANAL IRRIGATION SYSTEM
16.06.2010	NEGATIVE PRESSURE	(73) Coloplast A/S
(33) Japan	(73) KCI Licensing, Inc.	(72) FROSTAA, Isak
Japan	(72) LUCKEMEYER, James, A.	FALLEBOE, Hans
(51) A61M 1/00	ROBINSON, Timothy, Mark	HICKMOTT, Richard Morgan
(11) EP3082895	LOCKE, Christopher, Brian	HVID, Niels
(21) EP14870793.8	(31) 201562186116 P	(31) 201400536
(47) 30.01.2019	(32) 29.06.2015	(32) 19.09.2014
(87) US2014069018	(33) United States of America	(33) Denmark
25.06.2015	(51) A61M 1/02	(51) A61M 5/00
(22) 08.12.2014	(11) EP3027239	(11) EP3229861
(54) DIAPHRAGM-POSITION-CONTROLLED,	(21) EP14759338.8	(21) EP15808210.7
MULTI-MODE OCULAR FLUID	(47) 30.01.2019	(47) 30.01.2019
MANAGEMENT SYSTEM	(87) IB2014063634	(87) EP2015079364
(73) Medical Instrument Development	05.02.2015	16.06.2016
Laboratories, Inc.	(22) 01.08.2014	(22) 11.12.2015
(72) PETERSON, Erik William	(54) SYSTEM TO DIVIDE LIPOSUCTION FAT	(54) MEDICAL APPARATUS PACKAGE
(31) 201314109513	INTO ALIQUOTS	(73) SANOFI
(32) 17.12.2013	(73) Biomed Device S.r.l.	(72) DITTRICH, Marcus-Meinolf
(33) United States of America	(72) BERTONI, Marco	(31) 14307014
(51) A61M 1/00	(31) MO20130227	(32) 12.12.2014
A61F 9/007	(32) 02.08.2013	(33) European Patent Office (EPO)
A61B 17/00	(33) Italy	(51) A61M 5/00
(11) EP3288605	(51) A61M 1/02	B65D 75/14
(21) EP16716843.4	A61M 1/34	B65D 5/20
(47) 30.01.2019	A61M 1/36	B65D 5/42
(87) EP2016057561	A61M 1/38	B65D 5/66
03.11.2016	(11) EP3162390	(11) EP3229860
(22) 07.04.2016	(21) EP16193358.5	(21) EP15808209.9
(54) CONTROL DEVICE FOR A	(47) 30.01.2019	(47) 30.01.2019
PHACOEMULSIFICATION SYSTEM	(22) 11.10.2016	(87) EP2015079363
AND PHACOEMULSIFICATION SYSTEM	(54) SYSTEMS AND METHODS FOR	16.06.2016
COMPRISING SUCH A CONTROL	AUTOMATED AIR REMOVAL IN	(22) 11.12.2015
DEVICE	PRODUCTS COMPRISING BIOLOGICAL	(54) MEDICAL APPARATUS PACKAGE
(73) Carl Zeiss Meditec AG	FLUIDS	(73) SANOFI
(72) KOHLHAMMER, Susanne	(73) Fenwal, Inc.	(72) DITTRICH, Marcus-Meinolf
FANENBRUCK, Martin	(72) MIN, Kyungyoon	(31) 14307013
LANGHEINRICH, Peter	RADWANSKI, Katherine N.	(32) 12.12.2014
(31) 102015005331	ABEDIN, Tanima Jahan	(33) European Patent Office (EPO)
(32) 25.04.2015	(31) 201562249462 P	(51) A61M 5/145
(33) Germany	(32) 02.11.2015	A61M 5/168
(51) A61M 1/00	(33) United States of America	A61M 5/19
A61M 5/14	(51) A61M 1/36	A61M 5/20
(11) EP3191149	B01D 43/00	A61M 5/28
(21) EP15766724.7	(11) EP3237037	A61M 5/31
(47) 23.01.2019	(21) EP15837122.9	A61M 5/315
(87) US2015049476	(47) 30.01.2019	A61M 5/24
17.03.2016	(87) US2015067380	A61M 5/142
(22) 10.09.2015	30.06.2016	A61M 5/34
(54) DYNAMIC NEGATIVE-PRESSURE	(22) 22.12.2015	(11) EP3030289
THERAPY WITH INSTILLATION		(21) EP14747040.5
(73) KCI Licensing, Inc.		(47) 30.01.2019

(87) EP2014066713 12.02.2015	(54) SAFETY DEVICE FOR A PRE-FILLED SYRINGE AND INJECTION DEVICE	(11) EP1858569
(22) 04.08.2014	(73) Sanofi-Aventis Deutschland GmbH	(21) EP05724904.7
(54) COVER BIASING MEANS FOR AN APPARATUS	(72) ROBERTS, Gareth	(47) 23.01.2019
(73) Sanofi-Aventis Deutschland GmbH	OWEN, Sioned	(87) US2005007465 31.08.2006
(72) BLUNDRED, Neal Alexander	EKMAN, Matthew	(22) 08.03.2005
JAMES, Aled Meredydd	(31) 11150083	(54) SAFETY SHIELD SYSTEM FOR A SYRINGE
(31) 13179301	(32) 04.01.2011	(73) Becton, Dickinson and Company
(32) 05.08.2013	(33) European Patent Office (EPO)	(72) ALHEIDT, Thomas
(33) European Patent Office (EPO)	(51) A61M 5/315	PHAN, Vu
(51) A61M 5/20	(11) EP3226941	BARRELLE, Laurent
A61M 5/31	(21) EP15813216.7	BANEY, Bruno
(11) EP3062844	(47) 30.01.2019	(31) 61912
(21) EP14793271.9	(87) US2015063934	(32) 18.02.2005
(47) 30.01.2019	09.06.2016	(33) United States of America
(87) GB2014053252	(22) 04.12.2015	(51) A61M 5/32
07.05.2015	(54) SYRINGE PLUNGER SYSTEM WITH SELF-LOCKING THREADED GEOMETRY	(11) EP3021918
(22) 03.11.2014	(73) Tolmar Therapeutics, Inc.	(21) EP14741591.3
(54) MEDICAMENT DELIVERY DEVICE SUB-ASSEMBLY	(72) MCCANN, Kevin	(47) 30.01.2019
(73) Consort Medical PLC	MUGOYE, Eric	(87) EP2014065418 22.01.2015
(72) WILLOUGHBY, Alastair	MADRIL, Dominic	(22) 17.07.2014
VILAPLANA, Marta	(31) 201462087436 P	(54) NEEDLE SHIELD REMOVER
ANDERSON, Ian	(32) 04.12.2014	(73) Sanofi-Aventis Deutschland GmbH
JUDD, Alan	(33) United States of America	(72) RIEDEL, Stephan
(31) 201319375	(51) A61M 5/315	DASBACH, Uwe
(32) 01.11.2013	A61M 5/20	(31) 13176961
(33) United Kingdom	A61M 5/31	(32) 18.07.2013
(51) A61M 5/20	A61M 5/32	(33) European Patent Office (EPO)
A61M 5/315	A61M 5/24	(51) A61M 5/32
(11) EP2459253	(11) EP2451511	A61M 5/20
(21) EP10712733.4	(21) EP10740562.3	A61M 5/24
(47) 30.01.2019	(47) 23.01.2019	A61M 5/00
(87) EP2010054125	(87) EP2010059824	A61M 5/315
12.08.2010	13.01.2011	A61M 5/31
(22) 29.03.2010	(22) 08.07.2010	(11) EP3202445
(54) AUTOMATIC INJECTION DEVICE WITH DOSE INDICATION MECHANISM	(54) AUTO-PRIMING INJECTION DEVICE	(21) EP15847515.2
(73) Copernicus Sp. z o.o.	(73) Novo Nordisk A/S	(47) 30.01.2019
(72) STEFANSKI, Adam	(72) ENNGAARD, Christian Peter	(87) JP2015077104 07.04.2016
(31) 38869409	NIEMANN, Sara	(22) 25.09.2015
(32) 31.07.2009	ØSTERGAARD, Brian	(54) PHARMACEUTICAL SYRINGE UNIT, PHARMACEUTICAL INJECTION DEVICE EQUIPPED WITH SAID UNIT, INJECTION NEEDLE ATTACHMENT AND REMOVAL FIXTURE, AND STORAGE CASE
(33) Poland	JENSEN, Jacob Kollerup	(73) PHC Holdings Corporation
(51) A61M 5/20	(31) 09164869	(72) TAKABATAKE, Yukihiko
A61M 5/315	224534 P	IIO, Toshiaki
(11) EP3041535	(32) 08.07.2009	KIKUCHI, Seiji
(21) EP14758889.1	10.07.2009	FUJINO, Yutaro
(47) 30.01.2019	(33) European Patent Office (EPO)	(31) 2014199834 2015005220
(87) EP2014068643	United States of America	(32) 30.09.2014 14.01.2015
12.03.2015	(51) A61M 5/315	(33) Japan Japan
(22) 03.09.2014	A61M 5/24	(51) A61M 5/32
(54) DRIVE MECHANISM FOR A DRUG DELIVERY DEVICE	(11) EP3229872	A61M 5/50
(73) SANOFI	(21) EP15797345.4	A61M 5/20
(72) MARSH, William	(47) 30.01.2019	A61M 5/24
(31) 13182744	(87) EP2015077139	(11) EP3241583
(32) 03.09.2013	16.06.2016	(21) EP17176800.5
(33) European Patent Office (EPO)	(22) 19.11.2015	(47) 23.01.2019
(51) A61M 5/20	(54) DOSE SETTING MECHANISM AND MEDICAMENT DELIVERY DEVICE COMPRISING THE DOSE SETTING MECHANISM	(22) 25.09.2007
A61M 5/32	(73) SHL Medical AG	(54) AUTOINJECTOR
(11) EP2661293	(72) WIESELBLAD, Anders	
(21) EP11811036.0	BERGENS, Thomas	
(47) 23.01.2019	(31) 1451528	
(87) EP2011074280	(32) 12.12.2014	
12.07.2012	(33) Sweden	
(22) 30.12.2011	(51) A61M 5/32	

(73) Becton Dickinson France	(33) France	HUBER, Martin
(72) ABRY, Hervé	(51) A61M 5/50	KOLB, Tobias
(51) A61M 5/34	A61M 5/32	HARTMANN, Monika
A61M 5/158	(11) EP3024518	(31) 12158852
A61M 5/31	(21) EP14739487.8	12190139
B29C 45/14	(47) 30.01.2019	(32) 09.03.2012
A61M 5/32	(87) EP2014065419	26.10.2012
A61M 5/142	29.01.2015	(33) European Patent Office (EPO)
(11) EP3162401	(22) 17.07.2014	European Patent Office (EPO)
(21) EP16193157.1	(54) REUSE PREVENTION MECHANISM	(51) A61M 15/00
(47) 23.01.2019	(73) Sanofi-Aventis Deutschland GmbH	A61M 11/00
(22) 10.10.2016	(72) DASBACH, Uwe	B05B 17/06
(54) ANGLED SYRINGE PATCH INJECTOR	(31) 13177489	(11) EP3228346
(73) Medimop Medical Projects Ltd.	(32) 22.07.2013	(21) EP17161452.2
(72) NORTON, Paul	(33) European Patent Office (EPO)	(47) 23.01.2019
CABIRI, Oz	(51) A61M 11/04	(22) 16.03.2017
HEZKIAHU, Ran	A61M 15/00	(54) PORTABLE NEBULIZER WITH A DUST SHIELD
BROUGH, Richard	A61M 15/06	(73) Lee, Wen-Ching
(31) 201562284806 P	A24F 47/00	(72) Lee, Wen-Ching
201662281536 P	(11) EP3180060	(31) 201610216563
201615204542	(21) EP15747202.8	(32) 08.04.2016
(32) 09.10.2015	(47) 30.01.2019	(33) China
21.01.2016	(87) GB2015052212	
07.07.2016	18.02.2016	(51) A61M 15/00
(33) United States of America	(22) 31.07.2015	B65D 47/08
United States of America	(54) DEVICE	(11) EP3229878
United States of America	(73) BATMark Limited	(21) EP15808367.5
(51) A61M 5/40	(72) BUCHBERGER, Helmut	(47) 23.01.2019
A61M 5/142	(31) 201414331	(87) EP2015078624
A61M 5/162	(32) 13.08.2014	16.06.2016
A61M 5/172	(33) United Kingdom	(22) 04.12.2015
A61M 5/31	(51) A61M 11/04	(54) HANDHELD DEVICE FOR DISPENSING AND INHALATION OF A PHARMACEUTICAL SUBSTANCE
A61M 5/44	A61M 15/00	(73) Von Schuckmann, Alfred
(11) EP3060281	A61M 16/00	(72) Von Schuckmann, Alfred
(21) EP14792969.9	(11) EP1345642	(31) 102014118248
(47) 30.01.2019	(21) EP01987219.1	(32) 09.12.2014
(87) US2014061680	(47) 30.01.2019	(33) Germany
30.04.2015	(87) US2001045759	
(22) 22.10.2014	04.07.2002	(51) A61M 15/06
(54) DRUG DELIVERY SYSTEM WITH TEMPERATURE-SENSITIVE CONTROL	(22) 07.12.2001	A24F 47/00
(73) Amgen Inc.	(54) AEROSOL GENERATOR HAVING HEATER IN MULTILAYERED COMPOSITE	A61M 11/04
(72) GIBSON, Scott, R.	(73) Philip Morris Products S.A.	(11) EP3117860
LEE, Mark, Ka Lai	(72) SPRINKEL, F., Murphy, Jr.	(21) EP16166656.5
BUSBY, Donald	NICHOLS, Walter, A.	(47) 30.01.2019
TOY, Stephanie	COX, Kenneth, A.	(22) 21.10.2009
KRISHNA, Suhas	SHERWOOD, Timothy, S.	(54) INHALER
TAN-MALECKI, Francisca	SOWERS, Scott, A.	(73) Batmark Limited
TAMTORO, Ferry	WASHINGTON, Zelita, R.	(72) Buchberger, Helmut
(31) 201361895285 P	REDDY, Sirisha	(31) 16602008
(32) 24.10.2013	(31) 742320	5972009
(33) United States of America	(32) 22.12.2000	(32) 23.10.2008
(51) A61M 5/50	(33) United States of America	17.04.2009
(11) EP1628696	(51) A61M 11/06	(33) Austria
(21) EP04767173.0	A61M 15/00	Austria
(47) 23.01.2019	A61M 11/00	(51) A61M 15/08
(87) FR2004001295	A61M 11/02	(11) EP3145567
09.12.2004	A61M 15/06	(21) EP15796873.6
(22) 25.05.2004	(11) EP3146990	(47) 30.01.2019
(54) PRE-FILLED SYRINGE WITH MEANS FOR DETECTING DISPLACEMENT OF THE PISTON	(21) EP16192453.5	(87) IL2015050527
(73) Becton Dickinson France	(47) 30.01.2019	26.11.2015
(72) PEROT, Frédéric	(22) 08.03.2013	(22) 18.05.2015
FELIX-FAURE, Catherine	(54) MIXING CHANNEL FOR AN INHALATION DEVICE AND INHALATION DEVICE	(54) DEVICE FOR ADMINISTERING MEDICAMENTS TO THE BRAIN BY THE NASAL ROUTE
GRIMARD, Jean-Pierre	(73) Vectura GmbH	(73) Inhaletch LLC
(31) 0306340	(72) MUELLINGER, Bernhard	(72) HADASH, Joseph
(32) 26.05.2003		HADASH, Yair

(31) 201461996922 P	B01D 53/04	(87) US2011059115
(32) 19.05.2014	(11) EP2903676	05.07.2012
(33) United States of America	(21) EP13843185.3	(22) 03.11.2011
(51) A61M 15/08	(47) 30.01.2019	(54) HYDROPHOBIC CATHETER AND
A61M 11/02	(87) SE2013051162	COMPOSITION
A61M 19/00	10.04.2014	(73) St. Jude Medical, Atrial Fibrillation Division,
A61K 9/127	(22) 03.10.2013	Inc.
(11) EP2605816	(54) FACE MASK ARRANGEMENT, SYSTEM	(72) GUO, Xiaoping
(21) EP11818832.5	CONTAINING IT	KAUPHUSMAN, James V.
(47) 23.01.2019	(73) Medclair AB	JOHNSON, David P.
(87) US2011048435	(72) SUNDLING, Jerker	ARMSTRONG, Karen L.
23.02.2012	(31) 1251126	(31) 981292
(22) 19.08.2011	(32) 05.10.2012	(32) 29.12.2010
(54) CIRCUMFERENTIAL AEROSOL	(33) Sweden	(33) United States of America
DEVICE FOR DELIVERING DRUGS TO	(51) A61M 16/10	(51) A61M 25/00
OLFACTORY EPITHELIUM AND BRAIN	A62B 7/10	A61M 25/06
(73) University of Washington	A63B 23/02	(11) EP3266486
(72) HOEKMAN, John D.	B01D 46/00	(21) EP16178169.5
HO, Rodney, J.y.	F24F 3/16	(47) 30.01.2019
(31) 375682 P	A62B 19/00	(22) 06.07.2016
389920 P	A61M 16/04	(54) INTRODUCER SHEATH FOR
(32) 20.08.2010	(11) EP3259007	VASCULAR ACCESS
05.10.2010	(21) EP16703044.4	(73) Abiomed Europe GmbH
(33) United States of America	(47) 23.01.2019	(72) SIEß, Thorsten
United States of America	(87) DE2016000009	ABOULHOSN, Walid
(51) A61M 16/00	25.08.2016	KIRCHHOFF, Frank
A62B 7/02	(22) 08.01.2016	(51) A61M 25/00
A61B 5/08	(54) FILTER AND DEVICE FOR ARTIFICIAL	A61M 25/06
A61M 16/06	RESPIRATION HAVING A FILTER	A61M 25/01
A61M 16/12	(73) Weinmann Emergency Medical Technology	A61M 29/00
A61M 16/20	GmbH + Co. KG.	A61M 39/06
B01D 53/047	(72) SOMMER, Andreas	(11) EP2635339
(11) EP2906278	PULLA, Matthias	(21) EP11838841.2
(21) EP13844728.9	HEIN, Stefan	(47) 30.01.2019
(47) 30.01.2019	(31) 102015002052	(87) US2011059237
(87) US2013064810	(32) 16.02.2015	10.05.2012
17.04.2014	(33) Germany	(22) 03.11.2011
(22) 14.10.2013	(51) A61M 21/00	(54) STEERABLE ENDOLUMINAL DEVICES
(54) SYSTEMS FOR THE DELIVERY OF	A61B 5/024	(73) Biocardia, Inc.
OXYGEN ENRICHED GAS	A61B 5/00	(72) MILLER, Aaron, J.
(73) Inova Labs, Inc.	A61B 5/0245	(31) 409929 P
(72) WILKINSON, William, R.	A61M 21/02	(32) 03.11.2010
NEBRIGIC, Dragan	A63B 23/18	(33) United States of America
(31) 201261713254 P	A61B 5/1455	(51) A61M 25/00
201361804365 P	(11) EP2403467	A61M 25/10
(32) 12.10.2012	(21) EP10707357.9	A61M 25/01
22.03.2013	(47) 30.01.2019	(11) EP3257547
(33) United States of America	(87) IB2010050847	(21) EP17181009.6
United States of America	10.09.2010	(47) 30.01.2019
(51) A61M 16/06	(22) 26.02.2010	(22) 04.06.2012
B29C 45/16	(54) SYSTEM, METHOD AND COMPUTER	(54) CATHETER APPARATUS
A61M 16/08	PROGRAM PRODUCT FOR INDICATING	(73) The Cleveland Clinic Foundation
A61M 16/00	STIMULATION SIGNALS TO A USER	Parker Hannifin Corporation
(11) EP2837397	(73) Koninklijke Philips N.V.	(72) VOGELBAUM, Michael, A.
(21) EP14179113.7	(72) CROMPVOETS, Floris, M., H.	CHEN, Ji-Feng
(47) 30.01.2019	DE VRIES, Jan, J., G.	GAO, Shengqiang
(22) 25.02.2000	BROKKEN, Dirk	COLLINSON, Michael
(54) Seal device for a respiratory mask and	VAN DEN EERENBEEEMD, Jacobus, M., A.	GUTHRIE, Robert, B.
respiratory mask comprising the same	LEMMENS, Paul, M., C.	(31) 201161493777 P
(73) ResMed R&D Germany GmbH	(31) 09154451	(32) 06.06.2011
(72) Melidis, Paris	(32) 05.03.2009	(33) United States of America
Lauboeck, Theodor	(33) European Patent Office (EPO)	(51) A61M 25/01
(51) A61M 16/10	(51) A61M 25/00	A61B 34/30
A61M 16/12	A61L 29/04	A61B 34/00
A61M 16/00	A61L 29/08	A61B 90/00
A61M 16/01	(11) EP2627391	A61M 25/10
A61M 16/06	(21) EP11852471.9	(11) EP2376175
A61M 16/20	(47) 30.01.2019	(21) EP09832554.1

(47) 30.01.2019	(54) STABILIZATION DEVICE AND METHOD OF USING SAME	(33) United States of America
(87) US2009067540 17.06.2010	(73) Np Medical Inc.	(51) A61M 29/00
(22) 10.12.2009	(72) MASEDA, Luis	(11) EP3104925
(54) REMOTE CATHETER PROCEDURE SYSTEM	CHELAK, Todd	(21) EP15749486.5
(73) Corindus, Inc.	DENNIS, Nicholas	(47) 30.01.2019
(72) WENDEROW, Tal	KIMBALL, Ian	(87) US2015015440 20.08.2015
BROMANDER, Thomas	(31) 201514802270	(22) 11.02.2015
(31) 122263 P	(32) 17.07.2015	(54) APPARATUS FOR MANIPULATING THE SIDE WALL OF A BODY LUMEN OR BODY CAVITY SO AS TO PROVIDE INCREASED VISUALIZATION OF THE SAME AND/OR INCREASED ACCESS TO THE SAME, AND/OR FOR STABILIZING INSTRUMENTS RELATIVE TO THE SAME
(32) 12.12.2008	(33) United States of America	(73) Cornell University
(33) United States of America	(51) A61M 25/06	(72) CORNHILL, John Frederick
(51) A61M 25/01	A61M 25/00	MILSOM, Jeffrey
A61M 25/02	(11) EP2869884	SHARMA, Sameer
A61M 25/06	(21) EP13735376.9	NGUYEN, Tuan Anh
A61M 25/09	(47) 23.01.2019	DILLON, Christopher
(11) EP3302674	(87) GB2013051763 09.01.2014	GREELEY, Gabriel
(21) EP16728179.9	(22) 03.07.2013	SATHE, Rahul
(47) 30.01.2019	(54) DELIVERY APPARATUS	DENARDO, Matthew
(87) US2016033904	(73) University Hospitals Of Leicester NHS Trust	WHITNEY, Ashley
01.12.2016	(72) GAUR, Atul	VAN HILL, Jeremy
(22) 24.05.2016	(31) 201211745	ASSAL, Anthony
(54) GUIDEWIRE FIXATION	(32) 03.07.2012	(31) 201461938446 P
(73) Teleflex Innovations S.à.r.l.	(33) United Kingdom	201414540355
Buller Innovations, Inc.	(51) A61M 25/09	(32) 11.02.2014
(72) BULLER, Christopher, E.	(11) EP2237827	13.11.2014
KUGLER, Chad	(21) EP08867966.7	(33) United States of America
PETERSON, Dean	(47) 30.01.2019	United States of America
BRENIZER, Joshua	(87) US2008087112	(51) A61M 37/00
JESTER, Danny, M.	09.07.2009	(11) EP1523355
(31) 201562166259 P	(22) 17.12.2008	(21) EP03808035.4
201562190879 P	(54) LOOP TIP WIRE GUIDE WITH OUTER SLEEVE	(47) 23.01.2019
(32) 26.05.2015	(73) Cook Medical Technologies LLC	(87) US2003022767 22.04.2004
10.07.2015	(72) HARDIN, David, M., Jr.	(22) 22.07.2003
(33) United States of America	(31) 966497	(54) PATCH-LIKE INFUSION DEVICE
United States of America	(32) 28.12.2007	(73) Becton, Dickinson and Company
(51) A61M 25/01	(33) United States of America	(72) SHERMER, Charles
B65D 47/24	(51) A61M 25/10	POWELL, Kenneth
A61F 5/44	A61M 37/00	LASTOVICH, Alexander
A61M 25/00	A61B 17/22	KINSEY, Spencer, P.
(11) EP2750748	(11) EP2938386	SMUTNEY, Chad
(21) EP12753388.3	(21) EP13818956.8	POLIDORO, John
(47) 23.01.2019	(47) 30.01.2019	BROWKA, Ed
(87) DK2012050312	(87) US2013077232	SAHI, Carl
07.03.2013	03.07.2014	FENTRESS, Jim
(22) 28.08.2012	(22) 20.12.2013	CHAPIN, David
(54) CATHETER KIT	(54) DRUG DELIVERY VIA MECHANICAL VIBRATION BALLOON	STIPE, Daniel
(73) Coloplast A/S	(73) Bard Peripheral Vascular, Inc.	MOSS, Jeff
(72) MATTHIASSEN, Benny	(72) SPANO, Richard, Samuel	KURODA, Melody
LORENTSEN, Bo Kjær Vigant	(31) 201261746807 P	(31) 397038 P
HARALDSTED, Helle	(32) 28.12.2012	407284 P
GLIBBERY, Stephen	(33) United States of America	420233 P
(31) 201170471	(51) A61M 27/00	447359 P
(32) 29.08.2011	A61F 13/00	450681 P
(33) Denmark	A61M 1/00	450680 P
(51) A61M 25/02	(11) EP3181178	(32) 22.07.2002
A61M 39/10	(21) EP16198758.1	03.09.2002
A61M 39/12	(47) 30.01.2019	23.10.2002
A61M 39/22	(22) 20.12.2002	14.02.2003
A61M 39/24	(54) WOUND PACKING FOR PREVENTING WOUND CLOSURE	03.03.2003
A61M 5/158	(73) KCI Medical Resources	03.03.2003
(11) EP3313497	(72) PETROSENKO, Robert	
(21) EP16742540.4	WILKINSON, Kevin L	
(47) 23.01.2019	(31) 405010 P	
(87) US2016042232	(32) 21.08.2002	
26.01.2017		
(22) 14.07.2016		

(33) United States of America	United States of America	(51) A61N 1/32
United States of America	(51) A61M 39/14	A61N 1/04
United States of America	(11) EP2675519	A61L 29/16
United States of America	(21) EP12709370.6	A61F 13/00
United States of America	(47) 23.01.2019	(11) EP3021936
United States of America	(87) IB2012000387	(21) EP14741262.1
(51) A61M 37/00	23.08.2012	(47) 30.01.2019
(11) EP2578264	(22) 02.03.2012	(87) EP2014065093
(21) EP11786693.9	(54) STERILE DOCKING DEVICE, MEDICAL	22.01.2015
(47) 23.01.2019	FLUID FLOW SYSTEM WITH STERILE	(22) 15.07.2014
(87) JP2011062025	DOCKING DEVICE AND METHOD OF	(54) DEVICE FOR TREATING A CUTANEOUS
01.12.2011	USING SAME	ULCER
(22) 25.05.2011	(73) Fenwal, Inc.	(73) Centre Hospitalier Universitaire Grenoble
(54) DEVICE HAVING ARRAY PROVIDED	(72) MIN, Kyungyoon	Université Grenoble Alpes
WITH FINE PROTRUSIONS	CORK, William, H.	(72) CRACOWSKI, Jean-Luc
(73) Hisamitsu Pharmaceutical Co., Inc.	(31) 201113028372	ROUSTIT, Matthieu
(72) TOKUMOTO Seiji	(32) 16.02.2011	BLAISE, Sophie
MATSUDO Toshiyuki	(33) United States of America	(31) 1356941
ISHITSUKA Shuji	(51) A61M 39/26	(32) 15.07.2013
(31) 2010122997	(11) EP2679274	(33) France
(32) 28.05.2010	(21) EP13171465.1	(51) A61N 1/36
(33) Japan	(47) 23.01.2019	(11) EP3197545
(51) A61M 39/04	(22) 11.06.2013	(21) EP15775547.1
A61M 39/26	(54) Needle-free medicine injection connector	(47) 23.01.2019
A61M 39/00	without experiencing non-positive and non-	(87) US2015051441
(11) EP3213792	negative pressure	31.03.2016
(21) EP17162092.5	(73) Pan, Hsiu-Feng	(22) 22.09.2015
(47) 30.01.2019	(72) Tsai, Hsi-Chin	(54) SYSTEMS FOR PROVIDING THERAPY
(22) 01.11.2007	Chen, Wen-Chieh	USING ELECTRICAL STIMULATION TO
(54) VASCULAR ACCESS DEVICE	(31) 102012015897	DISRUPT NEURONAL ACTIVITY
CHAMBER REPLACEMENT	(32) 27.06.2012	(73) Boston Scientific Neuromodulation
(73) Becton, Dickinson and Company	(33) Brazil	Corporation
(72) Harding, Weston F.	(51) A61M 39/26	(72) MOFFITT, Michael, A.
Kommireddy, Dinesh S.	(11) EP3124073	CARCIERI, Stephen
Crawford, Mark A.	(21) EP15770175.6	(31) 201462053501 P
Isaacson, S. Ray	(47) 30.01.2019	(32) 22.09.2014
(31) 864109 P	(87) JP2015001123	(33) United States of America
931483	01.10.2015	(51) A61N 1/36
(32) 02.11.2006	(22) 03.03.2015	A61H 1/00
31.10.2007	(54) MEDICAL CONNECTOR	A61B 5/00
(33) United States of America	(73) Terumo Kabushiki Kaisha	A61H 23/00
United States of America	(72) UEDA, Yasuhiro	(11) EP3031491
(51) A61M 39/10	(31) 2014069206	(21) EP15197790.7
A61M 5/32	(32) 28.03.2014	(47) 30.01.2019
A61M 5/20	(33) Japan	(22) 03.12.2015
A61M 5/24	(51) A61M 39/28	(54) SYSTEM FOR TREATING A
A61M 15/00	A61B 5/0215	RESPIRATORY CONDITION BY
(11) EP2926861	A61B 5/03	KINESTHETIC STIMULATION, WITH
(21) EP15156402.8	A61M 25/00	SELECTION OF STIMULATION
(47) 30.01.2019	A61M 27/00	STRATEGIES
(22) 07.03.2013	(11) EP2547392	(73) Sorin CRM SAS
(54) MEDICAMENT DELIVERY DEVICE	(21) EP11710987.6	Université de Rennes 1
(73) SHL Medical AG	(47) 30.01.2019	INSTITUT NATIONAL DE LA SANTE
(72) Björk, Emil	(87) US2011029261	ET DE LA RECHERCHE MEDICALE
Olson, Stephan	22.09.2011	(INSERM)
Ratjen, Jochen	(22) 21.03.2011	Université Grenoble Alpes
Elmén, Gunnar	(54) DRAINAGE SYSTEMS FOR EXCESS	(72) GRAINDORGE, Laurence
(31) 1250238	BODY FLUIDS	AMBLARD, Amel
201261610567 P	(73) University of Washington	FEUERSTEIN, Delphine
1251235	(72) BROWD, Samuel, R.	HERNANDEZ, Alfredo
201261721049 P	LUTZ, Barry, R.	PEPIN, Jean-Louis
(32) 14.03.2012	(31) 315660 P	(31) 1462039
14.03.2012	407359 P	(32) 08.12.2014
01.11.2012	(32) 19.03.2010	(33) France
01.11.2012	27.10.2010	(51) A61N 1/36
(33) Sweden	(33) United States of America	A61N 1/04
United States of America	United States of America	A61B 5/00
Sweden		A61B 5/04

<p>A61N 1/08 (11) EP2968943 (21) EP14771130.3 (47) 30.01.2019 (87) US2014024435 25.09.2014 (22) 12.03.2014 (54) SYSTEMS TO REDUCE SENSOR INTERFERENCE ASSOCIATED WITH ELECTRICAL THERAPIES (73) Sage Products, LLC (72) FAHEY, Brian, J. MACHOLD, Timothy MALCHANO, Zachary, J. TOM, Curtis (31) 201361801002 P (32) 15.03.2013 (33) United States of America <hr/> (51) A61N 1/36 A61N 1/05 B82Y 15/00 (11) EP2997997 (21) EP14808208.4 (47) 30.01.2019 (87) KR2014004972 11.12.2014 (22) 03.06.2014 (54) BIO-IMPLANTABLE ELECTRODE ASSEMBLY (73) InnoTherapy Inc. (72) RYU, Seong Woo LEE, Hae Shin LEE, Moon Sue PAEK, Sun Ha KOH, Mi Young (31) 20130064275 (32) 04.06.2013 (33) Korea (Republic) <hr/> (51) A61N 1/365 A61B 5/04 (11) EP3259025 (21) EP16708295.7 (47) 23.01.2019 (87) US2016018408 25.08.2016 (22) 18.02.2016 (54) APPARATUS FOR ATRIAL ARRHYTHMIA EPISODE DETECTION (73) Medtronic Inc. (72) SARKAR, Shantanu HANSEN, Daniel L. NEITZELL, Grant A. REILAND, Jerry D. WYSZYNSKI, Ryan (31) 201562117785 P 201514695111 (32) 18.02.2015 24.04.2015 (33) United States of America United States of America <hr/> (51) A61N 1/372 A61N 1/36 (11) EP2768579 (21) EP12780992.9 (47) 23.01.2019 (87) US2012060383 25.04.2013 (22) 16.10.2012</p>	<p>(54) ELECTRICAL STIMULATION DEVICE HAVING REMOTE ACCESS (73) Boston Scientific Scimed, Inc. (72) YONCE, David, J. (31) 201161549301 P (32) 20.10.2011 (33) United States of America <hr/> (51) A61N 1/372 H05K 1/16 (11) EP3216491 (21) EP17159192.8 (47) 23.01.2019 (22) 03.03.2017 (54) RECEIVER (73) WITTENSTEIN SE (72) Matthes, Michael Hammel, Sebastian (31) 102016104115 (32) 07.03.2016 (33) Germany <hr/> (51) A61N 1/375 (11) EP3041572 (21) EP14767201.8 (47) 30.01.2019 (87) US2014053287 12.03.2015 (22) 28.08.2014 (54) CONSTRUCTION FOR AN IMPLANTABLE MEDICAL DEVICE EMPLOYING AN INTERNAL SUPPORT STRUCTURE (73) Boston Scientific Neuromodulation Corporation (72) BUNYAN, Navin N. TONG, Robert R. VAN FUNDERBURK, Jeffery (31) 201361874194 P 201414469822 (32) 05.09.2013 27.08.2014 (33) United States of America United States of America <hr/> (51) A61N 5/06 (11) EP3212285 (21) EP15787299.5 (47) 30.01.2019 (87) IB2015057764 06.05.2016 (22) 10.10.2015 (54) A MATTRESS FOR PROVIDING PHOTOTHERAPY TO A SUBJECT (73) Koninklijke Philips N.V. (72) KAESTLE, Siegfried Walter (31) 201462069625 P (32) 28.10.2014 (33) United States of America <hr/> (51) A61N 5/06 A61B 18/00 (11) EP3260168 (21) EP17000791.8 (47) 30.01.2019 (22) 06.09.2012 (54) LIGHT THERAPY PLATFORM SYSTEM (73) JOHNSON & JOHNSON CONSUMER INC. (72) Tapper, Jay Blaustein, Lawrence, A. Shuter, David Freitag, Eric</p>	<p>Althoff, Charles, Peter Bramley, Alistair Zadeh, Allen Shuter, Daniel, Joseph Lorenc, Zbigniew, Paul (31) 201161532140 P 201213604012 (32) 08.09.2011 05.09.2012 (33) United States of America United States of America <hr/> (51) A61P 25/28 A61K 38/16 C07K 14/00 C12Q 1/00 (11) EP2709728 (21) EP12790384.7 (47) 23.01.2019 (87) US2012038672 29.11.2012 (22) 18.05.2012 (54) TAU PROTEASE METHODS OF USE (73) Oligomerix, Inc. (72) MOE, James, G. DAVIDOWITZ, Eliot, J. LOPEZ, Patricia (31) 201161488493 P 201161544090 P 201161569558 P (32) 20.05.2011 06.10.2011 12.12.2011 (33) United States of America United States of America United States of America <hr/> (51) A61Q 1/06 A61K 8/25 A61K 8/37 A61K 8/02 (11) EP2978499 (21) EP13880325.9 (47) 30.01.2019 (87) CN2013073110 02.10.2014 (22) 25.03.2013 (54) SOLID ANHYDROUS COMPOSITION COMPRISING A HIGH MELTING POINT WAX AND SILICA AEROGEL (73) L'Oréal (72) XU, Zhen HUANG, Manlian <hr/> (51) A61Q 5/00 A61K 8/92 A61Q 19/00 A61Q 19/10 A61Q 15/00 A61Q 17/00 (11) EP2988827 (21) EP14717749.7 (47) 30.01.2019 (87) EP2014057485 30.10.2014 (22) 14.04.2014 (54) COSMETIC USE OF A GERANIOL- RICH ESSENTIAL OIL OF SATUREJA MONTANA AS DEODORANT ACTIVE AGENT (73) L'OREAL</p>
---	---	---

- (72) LEREBOUR, Géraldine
LARTAUD, Pierre
LACROIX, Bertrand
(31) 1353817
(32) 26.04.2013
(33) France

(51) A61Q 5/02
A61K 8/60
(11) EP3302714
(21) EP16722895.6
(47) 30.01.2019
(87) EP2016060959
01.12.2016
(22) 17.05.2016
(54) COMBINATION OF ISOSORBIDE
DIESTERS HAVING NON-IONIC
SURFACTANTS AS PEARLESCENT
AGENT
(73) BASF SE
(72) STOER, Claudia
WEISSENEGGER, Markus
NIEENDICK, Claus
WINZEK, Mirella
(31) 15169332
(32) 27.05.2015
(33) European Patent Office (EPO)

(51) A61Q 5/04
A61K 8/36
A61K 8/362
A61K 8/365
A61K 8/49
(11) EP3325102
(21) EP16739467.5
(47) 23.01.2019
(87) EP2016066957
26.01.2017
(22) 15.07.2016
(54) HAIR SHAPING COMPOSITION
(73) Unilever NV
(72) MURRAY, Andrew, Malcolm
PAUL, Prem, Kumar, Cheyalazhagan
(31) 15177614
(32) 21.07.2015
(33) European Patent Office (EPO)

(51) A61Q 5/04
A61K 8/58
A61K 8/891
(11) EP2025365
(21) EP08013913.2
(47) 23.01.2019
(22) 04.08.2008
(54) Composition for permanent shaping of
human hair
(73) Kao Germany GmbH
(72) Hoffmann, Martin
Molenda, Michael
Grit, Mustafa, Dr.
(31) 07015545
(32) 07.08.2007
(33) European Patent Office (EPO)

(51) A61Q 5/04
A61Q 5/12
A61K 8/81
(11) EP2911749
(21) EP13785394.1
(47) 23.01.2019
(87) EP2013072178
01.05.2014
- (22) 23.10.2013
(54) COMPOSITION AND PROCESS FOR
PERMANENT SHAPING OF HUMAN
HAIR
(73) Kao Germany GmbH
(72) SCHNEIDER, Jörg
WOOD, Jonathan
(31) 12189990
(32) 25.10.2012
(33) European Patent Office (EPO)

(51) A61Q 5/08
A61K 8/33
A61K 8/35
A61K 8/46
A61K 8/49
D06L 4/30
D06P 5/13
(11) EP2277599
(21) EP10177136.8
(47) 23.01.2019
(22) 19.03.2007
(54) Reductive colour removal
(73) Henkel AG & Co. KGaA
(72) Müller, Burkhard
Neubueser, Inge
Groß, Wibke
(31) 102006013260
102006022225
(32) 21.03.2006
11.05.2006
(33) Germany
Germany

(51) A61Q 5/10
A61K 8/31
A61K 8/44
A61K 8/41
(11) EP3233202
(21) EP15810745.8
(47) 30.01.2019
(87) EP2015080371
23.06.2016
(22) 17.12.2015
(54) DYE COMPOSITION COMPRISING
A PARA-PHENYLENEDIAMINE
OXIDATION BASE, AN AMPHOTERIC
SURFACTANT IN A MEDIUM RICH IN
FATTY SUBSTANCES
(73) L'OREAL
(72) NICOU, Valérie
ROLLAT, Isabelle
(31) 1462629
(32) 17.12.2014
(33) France

(51) A61Q 5/10
A61Q 5/06
A61K 8/60
A61K 8/22
A61Q 17/04
(11) EP3140011
(21) EP15720719.2
(47) 30.01.2019
(87) EP2015059836
12.11.2015
(22) 05.05.2015
(54) AQUEOUS COSMETIC POWDER
COMPOSITION
(73) Kao Germany GmbH
(72) PUNSCH, Britta
- CAJAN, Christine
(31) 14167356
(32) 07.05.2014
(33) European Patent Office (EPO)

(51) A61Q 11/00
A61K 8/02
A61K 8/19
(11) EP3065833
(21) EP14781185.5
(47) 30.01.2019
(87) EP2014071383
14.05.2015
(22) 07.10.2014
(54) COMPOSITIONS AND METHODS FOR
TREATING TOOTH HYPERSENSITIVITY
(73) Unilever N.V.
(72) ASHCROFT, Alexander Thomas
DWYER-JOYCE, Robert Sean
FAIRLEY, Peter
GREEN, Alison Katharine
GROVES, Brian Joseph
ROSE, Christopher Edward
(31) 13191861
(32) 07.11.2013
(33) European Patent Office (EPO)

(51) A61Q 17/04
A61K 8/29
A61K 8/35
A61K 8/37
A61K 8/46
A61K 8/58
A61K 8/40
A61K 8/34
(11) EP2934698
(21) EP13826885.9
(47) 30.01.2019
(87) IB2013061219
26.06.2014
(22) 20.12.2013
(54) TRANS-RESVERATROL OR TRANS-
RESVERATROL DERIVATIVE
COMPOSITION
(73) L'Oréal
(72) CHEVALIER, Véronique
THEROUIN-KOELY, Sandrine
(31) 1262604
201361751052 P
(32) 21.12.2012
10.01.2013
(33) France
United States of America

(51) A62B 23/02
A62B 9/04
A62B 18/02
A41D 13/11
B29C 45/14
B29L 31/00
(11) EP3058991
(21) EP14853884.6
(47) 30.01.2019
(87) KR2014004743
23.04.2015
(22) 27.05.2014
(54) GENERAL-PURPOSE SYNTHETIC RESIN
MASK USING VELCRO INSERTING-
TYPE FILTER EXCHANGE MODE,
AND INJECTION MOLDING DEVICE

AND MANUFACTURING METHOD THEREFOR	(51) A63B 23/12	(51) A63B 65/12
(73) In Tech Co., Ltd	A63B 21/00	A63B 59/20
(72) LEE, Chang Sun	A63B 21/005	(11) EP2611507
(31) 20130123798	A63B 24/00	(21) EP11752629.3
(32) 17.10.2013	B25J 13/08	(47) 23.01.2019
(33) Korea (Republic)	(11) EP3221015	(87) GB2011051648
(51) A62B 35/00	(21) EP15797641.6	08.03.2012
A62C 8/00	(47) 23.01.2019	(22) 02.09.2011
A62C 31/28	(87) EP2015076793	(54) SPORTS APPARATUS
A62C 33/00	26.05.2016	(73) Funslinger Limited
A62C 33/04	(22) 17.11.2015	(72) BUTTERFIELD, Roderick Adam
A62C 99/00	(54) TRAINING DEVICE WITH THREE-DIMENSIONAL POSITION DETECTION, AND OPERATING METHOD THEREOF	BUTTERFIELD, John Daniel
B65H 49/38	(73) FYNAMICS GmbH	(31) 201014570
B65H 75/44	(72) KNESTEL, Markus	(32) 02.09.2010
(11) EP3341084	FERSTL, Reinhold	(33) United Kingdom
(21) EP16788059.0	(31) 102014223435	(51) A63B 69/00
(47) 23.01.2019	(32) 17.11.2014	(11) EP2200722
(87) EP2016075447	(33) Germany	(21) EP08829140.6
04.05.2017	(51) A63B 41/08	(47) 23.01.2019
(22) 21.10.2016	A63B 45/00	(87) US2008075419
(54) METHOD AND DEVICE FOR HOSE MANAGEMENT	(11) EP3141290	12.03.2009
(73) TACBAG Verwaltungs GbR	(21) EP16001594.7	(22) 05.09.2008
(72) GEISEL, Aron Fabian	(47) 30.01.2019	(54) WEARABLE DEVICE ASSEMBLY HAVING ATHLETIC FUNCTIONALITY
(31) 102015118638	(22) 19.07.2016	(73) NIKE Innovate C.V.
(32) 30.10.2015	(54) BALL FOR BALL GAMES, AND METHOD FOR MANUFACTURING BALL FOR BALL GAMES	(72) BOYD, Edward L.
(33) Germany	(73) Shishido, Hideomi	ANDREN, Bo Stefan
(51) A63B 21/005	Gupta, Vikas	BERRY, Stephen D.
A63B 22/06	Mahajan, Vinod	BURTON, Maximillian P.
H02N 2/18	(72) Shishido, Hideomi	CAPOZZI, Matt
H04M 1/725	Gupta, Vikas	ISHIHARA, James A.
(11) EP3238788	Mahajan, Vinod	LOZEAU, Kevin
(21) EP17167658.8	(31) PCT/JP2015/075849	MOLL-CARILLO, Hector
(47) 23.01.2019	(32) 11.09.2015	MOLYNEUX, James
(22) 23.04.2017	(33) World Intellectual Property Office (WIPO)	TCHAO, Michael
(54) APPARATUS FOR GENERATING ELECTRIC ENERGY PROVIDED WITH A DEVICE FOR CONTROLLING THE GENERATED POWER	(51) A63B 47/04	(31) 970773 P
(73) Arnould, Christophe	(11) EP1924332	(32) 07.09.2007
(72) Arnould, Christophe	(21) EP06761878.5	(33) United States of America
(31) 1670194	(47) 23.01.2019	(51) A63B 69/00
(32) 26.04.2016	(87) DK2006050033	A63B 71/02
(33) France	22.02.2007	A63C 19/00
(51) A63B 21/008	(22) 14.08.2006	B21F 29/02
A63B 21/00	(54) Method for cleaning dirty surfaces on handballs, and an apparatus for the execution of the method	E01F 15/04
A63B 21/06	(73) ms2solution ApS	E01F 15/06
A63B 21/062	(72) SMITH, Martin	E01F 15/02
A63B 23/02	SØNDERSKOV, Morten	A63B 102/30
A63B 23/12	(31) 200511510	A63C 19/08
A63B 23/035	(32) 16.08.2005	A63C 19/10
A63B 1/00	(33) Denmark	(11) EP3271035
A63B 21/005	(51) A63B 53/04	(21) EP16707960.7
A63B 21/055	(11) EP3248658	(47) 23.01.2019
(11) EP3110514	(21) EP17174977.3	(87) IB2016050635
(21) EP15755118.5	(47) 30.01.2019	18.08.2016
(47) 30.01.2019	(22) 18.05.2009	(22) 08.02.2016
(87) US2015017919	(54) PUTTER HEADS AND PUTTERS WITH GROOVES WITH EDGES OF DIFFERENT MATERIALS	(54) STRUCTURE OF ACCESSORY ELEMENT FOR EQUIPMENT OF FLOORBALL TRAINING COURT AND USE OF IT FOR FORMATION OF FLOORBALL SIMULATOR
03.09.2015	(73) Karsten Manufacturing Corporation	(73) Sutta, Peters
(22) 27.02.2015	(72) Franklin, David	Leitans, Janis
(54) FUNCTIONAL TRAINER EXERCISE MACHINE	Stites, John	(72) Sutta, Peters
(73) Hoist Fitness Systems, Inc.	(31) 123341	Leitans, Janis
(72) HOCKRIDGE, Bruce	(32) 19.05.2008	(31) 150011
(31) 201461946541 P	(33) United States of America	(32) 09.02.2015
(32) 28.02.2014		(33) Latvia
(33) United States of America		(51) A63B 71/12
		(11) EP3281679

(21) EP16183238.1	(21) EP17161397.9	(33) United States of America
(47) 30.01.2019	(47) 30.01.2019	(51) A63G 7/00
(22) 08.08.2016	(22) 16.03.2017	(11) EP2836280
(54) PERSON-PROTECTING DEVICE	(54) STANDING-RIDE TYPE MOVING DEVICE	(21) EP13774998.2
(73) Martinelli, Dario	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(47) 23.01.2019
(72) Martinelli, Dario	(72) SUGATA, Hikaru	(87) US2013032653
(51) A63C 5/056	(31) 2016060665	17.10.2013
(11) EP3142758	(32) 24.03.2016	(22) 15.03.2013
(21) EP15732352.8	(33) Japan	(54) STACKED ROLLING VEHICLE TRACK
(47) 30.01.2019	(51) A63C 19/10	(73) Rocky Mountain Coasters, Inc.
(87) IB2015053449	B60D 1/18	(72) SCHILKE, Alan
19.11.2015	B62D 57/04	GRUBB, Fred
(22) 11.05.2015	E01H 4/02	(31) 201261623521 P
(54) PROCESS FOR TREATING THE SURFACE OF SKI SOLES	(11) EP3178532	(32) 12.04.2012
(73) Environment Park S.p.A.	(21) EP17150376.6	(33) United States of America
(72) GRIMALDI, Fabio Massimo	(47) 30.01.2019	(51) A63H 19/06
PALMI, Dino	(22) 08.03.2011	A63H 19/14
D'ANGELO, Domenico	(54) CABLE-TOWING DEVICE AND ASSOCIATED VEHICLE	A63H 19/20
AIMO BOOT, Elisa	(73) PRINOTH S.p.A.	(11) EP3028754
(31) TO20140373	(72) JEAN, Xavier	(21) EP14196100.3
(32) 12.05.2014	CUILLIERE, Frédéric	(47) 30.01.2019
(33) Italy	(31) 1001000	(22) 03.12.2014
(51) A63C 9/08	(32) 12.03.2010	(54) Model locomotive with vapor-smoking and furnace-firing-and-lighting effects
A63C 9/085	(33) France	(73) Chao, Shih-Ming
A63C 9/086	(51) A63F 13/213	(72) Chao, Shih-Ming
(11) EP3184155	A63F 13/215	(51) B01D 1/00
(21) EP16002635.7	A63F 13/23	B01D 1/22
(47) 30.01.2019	A63F 13/24	B01D 5/00
(22) 12.12.2016	A63F 13/26	C02F 1/08
(54) SKI BINDING	A63F 13/426	C02F 103/08
(73) Salomon S.A.S.	A63F 13/428	(11) EP2808068
(72) Soldan, Daniel	A63F 13/5255	(21) EP13382196.7
(31) 1502688	A63F 13/98	(47) 23.01.2019
(32) 23.12.2015	G06F 3/01	(22) 28.05.2013
(33) France	(11) EP3116616	(54) METHOD FOR DESALINATING SEAWATER
(51) A63C 9/08	(21) EP15713112.9	(73) Centre Internacional de Mètodes Numèrics en Enginyeria
A63C 9/085	(47) 30.01.2019	(72) Arnau Del Amo, Pedro Antonio
A63C 9/086	(87) US2015020612	Oñate Ibáñez De Navarra, Eugenio
(11) EP3184156	17.09.2015	Hanganu, Dan Alexandru
(21) EP16002636.5	(22) 13.03.2015	Navarro Navarro, Naeria
(47) 30.01.2019	(54) GAMING DEVICE WITH VOLUMETRIC SENSING	(51) B01D 1/22
(22) 12.12.2016	(73) Sony Interactive Entertainment Inc.	B01J 19/18
(54) SKI BINDING	(72) STAFFORD, Jeffrey, Roger	(11) EP3103538
(73) Salomon S.A.S.	TOKUBO, Todd	(21) EP16455001.4
(72) Soldan, Daniel	(31) 201461953714 P	(47) 30.01.2019
(31) 1502684	(32) 14.03.2014	(22) 18.05.2016
(32) 23.12.2015	(33) United States of America	(54) THIN-FILM EVAPORATOR
(33) France	(51) A63F 13/213	(73) GIG Karasek GmbH
(51) A63C 13/00	A63F 13/428	(72) Bethge, Daniel Sergius
A43C 15/06	G06T 7/60	(31) 504802015
(11) EP3206764	G06F 3/01	(32) 12.06.2015
(21) EP15804941.1	(11) EP2969080	(33) Austria
(47) 23.01.2019	(21) EP14723549.3	(51) B01D 3/00
(87) IB2015057911	(47) 30.01.2019	B01D 3/20
21.04.2016	(87) US2014026196	B01D 3/22
(22) 15.10.2015	02.10.2014	B01D 3/32
(54) SNOWSHOE	(22) 13.03.2014	B01D 11/04
(73) Behrens, Robert Erwin	(54) CENTER OF MASS STATE VECTOR FOR ANALYZING USER MOTION IN 3D IMAGES	(11) EP3219371
(72) LOCATELLI, Marco	(73) Microsoft Technology Licensing, LLC	(21) EP17160345.9
BEHRENS, Robert Erwin	(72) HOOFF, Jonathan R.	(47) 30.01.2019
(31) TO20140841	KENNETT, Daniel G.	(22) 10.03.2017
(32) 15.10.2014	(31) 201313804541	(54) COLUMN TRAY FOR THE REACTIVE DISTILLATION OF
(33) Italy	(32) 14.03.2013	
(51) A63C 17/01		
A63C 17/12		
(11) EP3225290		

HETEROAZEOTROPES AND PROCESS USING THE TRAY	13.09.2007	B01J 8/00
(73) Ineos Solvents Germany GmbH Technische Universität Clausthal	(22) 07.03.2007	(11) EP2207608
(72) HOFFMAN, Ulrich KUNZ, Ulrich LOHMER, Gunther SCHNITZLER, Dirk SCHULER, Joachim	(54) METHOD FOR SEPARATING FRACTIONS OF A MIXTURE	(21) EP08858736.5
(31) 16160081	(73) Novasep Process	(47) 23.01.2019
(32) 14.03.2016	(72) VALERY, Eric MOREY, Céline	(87) FR2008001305
(33) European Patent Office (EPO)	(31) 0602076	18.06.2009
(51) B01D 3/00	(32) 08.03.2006	(22) 18.09.2008
C08F 6/04	(33) France	(54) DEVICE FOR SEPARATING A FINELY DIVIDED SOLID IN SUSPENSION IN A VISCOUS LIQUID
B01D 3/14	(51) B01D 17/02	(73) IFP Energies nouvelles
B01D 3/32	(11) EP3116621	ENI S.p.A.
B01D 3/42	(21) EP15708056.5	(72) VIGUIE Jean-Christophe
(11) EP2170477	(47) 30.01.2019	NASTOL, Willi
(21) EP08786219.9	(87) US2015013883	HUGUES, François
(47) 30.01.2019	17.09.2015	MIGNONE, Eisa
(87) EP2008059386	(22) 30.01.2015	BELMONTE, Giuseppe
29.01.2009	(54) SPLIT FLOW PIPE SEPARATOR WITH SAND TRAPS COMPRISING A SAND CYCLONE AND PROCESS USING IT	(31) 0707291
(22) 17.07.2008	(73) ExxonMobil Upstream Research Company	(32) 18.10.2007
(54) METHOD FOR COOLING IN DISTILLATION AND POLYMERISATION PROCESS BY ABSORPTION REFRIGERATION	(72) WHITNEY, Scott M. LARNHOLM, Per Reidar	(33) France
(73) TOTAL RESEARCH & TECHNOLOGY FELUY	(31) 201461951891 P	(51) B01D 21/26
(72) VAN DER SCHRICK, Bernard	(32) 12.03.2014	B63B 13/00
(31) 07112962	(33) United States of America	C02F 1/38
(32) 23.07.2007	(51) B01D 17/02	C02F 1/467
(33) European Patent Office (EPO)	E21B 43/36	C02F 1/32
(51) B01D 15/08	(11) EP3191202	(11) EP3147014
(11) EP3257564	(21) EP15793824.2	(21) EP16197514.9
(21) EP17157670.5	(47) 23.01.2019	(47) 30.01.2019
(47) 23.01.2019	(87) EP2015076356	(22) 24.10.2013
(22) 02.11.2012	19.05.2016	(54) METHOD FOR TREATING BALLAST WATER AND DEVICE FOR TREATING BALLAST WATER USED THEREFOR
(54) OVERLOAD AND ELUTE CHROMATOGRAPHY	(22) 11.11.2015	(73) Panasonic Intellectual Property Management Co., Ltd.
(73) F. Hoffmann-La Roche AG	(54) METHOD OF ADAPTIVE SEPARATION OF A MIXTURE FROM GAS AND/OR OIL EXPLORATION	(72) YAMAMOTO, Hiroshi
(72) NADARAJAH, Deepa MEHTA, Amit	(73) Sulzer Chemtech AG	EDAGAWA, Akiyoshi
(31) 201161554898 P	(72) LARNHOLM, Per-Reidar	SAKAKIBARA, Takashi
(32) 02.11.2011	(31) 2013793	OSAMURA, Kazumi
(33) United States of America	(32) 13.11.2014	NAGAOKA, Hideki
(51) B01D 15/08	(33) Netherlands	KOTANAGI, Takuya
B01D 61/24	(51) B01D 21/08	FUNAKOSHI, Hidenori
G01N 30/96	C02F 1/24	(31) 2012236053
(11) EP1587597	C02F 1/52	(32) 25.10.2012
(21) EP03815773.1	B03D 1/14	(33) Japan
(47) 23.01.2019	A23L 2/70	(51) B01D 29/15
(87) US2003039219	A01J 11/10	B01D 29/52
19.08.2004	B03D 1/26	B01D 29/64
(22) 09.12.2003	B03D 1/24	B01D 29/86
(54) IMPROVED CAPACITY CHEMICAL SUPPRESSORS AND METHOD OF USE	C12G 1/02	B01D 29/90
(73) DIONEX CORPORATION	C12H 1/16	(11) EP2760559
(72) SRINIVASAN, Kannan POHL, Christopher, A.	C12C 7/24	(21) EP12766095.9
(31) 356345	(11) EP2654916	(47) 23.01.2019
(32) 30.01.2003	(21) EP11851895.0	(87) EP2012069176
(33) United States of America	(47) 23.01.2019	04.04.2013
(51) B01D 15/18	(87) SE2011051584	(22) 28.09.2012
(11) EP2024049	28.06.2012	(54) DEVICE FOR SEPARATING A HETEROGENEOUS SUBSTANCE MIXTURE AND METHOD FOR CLEANING A FILTER UNIT
(21) EP07731104.1	(22) 22.12.2011	(73) BASF SE
(47) 23.01.2019	(54) FLUID CLARIFIER AND METHOD FOR CLARIFYING A FLUID	(72) WITTMER, Stefan
(87) FR2007000406	(73) Flocazur AB	LINDNER, Jürgen
	(72) PETERSSON, Ninni	WELKER, Gerhard
	ANTELME, Luc	WAGNER, Marcus
	(31) 1051368	(31) 11183584
	(32) 22.12.2010	(32) 30.09.2011
	(33) Sweden	(33) European Patent Office (EPO)
	(51) B01D 21/24	(51) B01D 29/50

B01D 29/64	B01D 47/14	(21) EP15770826.4
(11) EP2605848	B23K 3/08	(47) 23.01.2019
(21) EP11817604.9	(11) EP1855782	(87) EP2015070456
(47) 23.01.2019	(21) EP06707096.1	17.03.2016
(87) CA2011000928	(47) 23.01.2019	(22) 08.09.2015
23.02.2012	(87) EP2006001516	(54) METHOD AND REGENERATIVE
(22) 19.08.2011	14.09.2006	SEPARATING APPARATUS FOR
(54) FLUID FILTER DEVICE	(22) 20.02.2006	SEPARATING CONTAMINANTS FROM
(73) Trojan Technologies	(54) REFLOW SOLDERING SYSTEM WITH	PROCESS EXHAUST AIR
(72) FRASER, Jim	DEVICE AND METHOD FOR PURIFYING	(73) Dürr Systems AG
COOK, Ronald P.	A PROCESS GAS	(72) HERM, Enrico
LATIMER, Glen, E., Jr.	(73) Rehm Thermal Systems GmbH	RIEDER, Erhard
(31) 375448 P	(72) BELL, Hans	EICHHORN, Christian
(32) 20.08.2010	FELGNER, Jürgen	(31) 102014218344
(33) United States of America	HEIDENREICH, Ralf	(32) 12.09.2014
(51) B01D 39/08	(31) 102005010378	(33) Germany
B01D 39/16	(32) 07.03.2005	(51) B01D 53/46
(11) EP2585191	(33) Germany	B01D 53/86
(21) EP11722333.9	(51) B01D 53/02	B01J 20/12
(47) 23.01.2019	B01J 20/04	B01J 20/16
(87) EP2011002641	B01J 20/30	(11) EP3156117
29.12.2011	B01D 53/18	(21) EP16187128.0
(22) 27.05.2011	C01F 5/00	(47) 23.01.2019
(54) FILTER MATERIAL FOR FLUIDS	C01F 1/00	(22) 19.10.2011
(73) Hydac Filtertechnik GmbH	B01J 20/32	(54) METHOD FOR PROTECTION OF
(72) SCHWENDER, Matthias	C01B 13/08	SCR CATALYST AND CONTROL OF
SCHMITZ, Andreas	C01F 11/06	MULTIPLE EMISSIONS
KOCH, Edwin	C01F 11/08	(73) The Babcock & Wilcox Company
(31) 102010025218	C01F 11/18	(72) GADGIL, Mandar R.
(32) 23.06.2010	(11) EP2669003	JANKURA, Bryan J.
(33) Germany	(21) EP12739507.7	GHORISHI, Behrooz Seyed
(51) B01D 45/16	(47) 23.01.2019	(31) 909753
B01D 17/02	(87) KR2012000610	(32) 21.10.2010
B04C 5/103	02.08.2012	(33) United States of America
(11) EP3260183	(22) 26.01.2012	(51) B01D 53/50
(21) EP17168501.9	(54) PREPARATION METHOD OF AN	B01D 53/68
(47) 23.01.2019	OXYGEN-SELECTIVE ADSORBENT	B01D 53/75
(22) 13.07.2011	HAVING FAST ADSORPTION RATE	B01D 53/83
(54) POCKETED CYCLONIC SEPARATOR	(73) Korea Institute of Energy Research	B01J 8/18
(73) Peerless Mfg. Co.	(72) PARK, Jong Ho	(11) EP2744589
(72) FADDA, Dani	YI, Kwang Bok	(21) EP12726626.0
(31) 835407	KIM, Jong Nam	(47) 23.01.2019
(32) 13.07.2010	BEUM, Hee Tae	(87) EP2012061001
(33) United States of America	PARK, Jong Kee	21.02.2013
(51) B01D 46/00	KO, Chang Hyun	(22) 11.06.2012
B01D 46/10	HAN, Sang Sup	(54) METHOD AND DEVICE FOR CLEANING
B01D 46/12	CHO, Soon Haeng	EXHAUST GASES BY WAY OF
(11) EP3191208	JUNG, Taesung	FLUIDIZED BED REACTORS
(21) EP15763883.4	(31) 20110007915	(73) Sauer, Harald
(47) 30.01.2019	(32) 26.01.2011	Fujian Lonjing Environment Technology Co.,
(87) EP2015070790	(33) Korea (Republic)	Ltd.
17.03.2016	(51) B01D 53/04	(72) Sauer, Harald
(22) 11.09.2015	B01D 53/047	(31) 102011052788
(54) FILTER DEVICE FOR GAS FILTRATION	B01D 53/22	(32) 17.08.2011
AND FILTER ELEMENT FOR A FILTER	C07C 1/12	(33) Germany
DEVICE FOR GAS FILTRATION	C12M 1/00	(51) B01D 53/62
(73) MANN+HUMMEL GmbH	C10L 3/10	(11) EP2830739
(72) SCHMID, Daniel	(11) EP2965800	(21) EP13722098.4
WALZ, Stefan	(21) EP14176209.6	(47) 23.01.2019
KROHLOW, Matthias	(47) 30.01.2019	(87) IB2013052475
SUDERMANN, Arthur	(22) 08.07.2014	03.10.2013
HOFMEISTER, Marcel	(54) Method and device for treating gas	(22) 27.03.2013
KOLMEDER, Michael	(73) Airbus Defence and Space GmbH	(54) METHOD FOR CARBON DIOXIDE
SIEBER, Thomas	(72) Matthias Dr., Carsten	REMOVAL USING AMMONIA
(31) 102014013280	Jehle, Walter	CONTAINING SOLVENT
(32) 12.09.2014	(51) B01D 53/04	(73) General Electric Technology GmbH
(33) Germany	B01D 53/06	(72) VITSE, Frederic
(51) B01D 47/02	(11) EP3191212	VERSTEEG, Geert

HIWALE, Rameshwar Shamrao	C02F 5/14	(31) 201414279377
(31) 201261617720 P	G01M 99/00	(32) 16.05.2014
201313834718	B01D 61/02	(33) United States of America
(32) 30.03.2012	B01D 61/12	(51) B01F 3/08
15.03.2013	(11) EP3015160	B01F 5/02
(33) United States of America	(21) EP14871742.4	B01F 5/04
United States of America	(47) 30.01.2019	B01F 5/10
(51) B01D 53/86	(87) JP2014082440	C02F 3/12
B01J 23/44	25.06.2015	C02F 3/30
B01J 23/52	(22) 08.12.2014	(11) EP2318127
B01J 35/00	(54) SCALE DETECTION DEVICE AND	(21) EP08772777.2
(11) EP3322508	METHOD FOR CONCENTRATING	(47) 23.01.2019
(21) EP16738730.7	DEVICE, AND WATER RECLAMATION	(87) CA2008001106
(47) 30.01.2019	PROCESSING SYSTEM	17.12.2009
(87) EP2016066317	(73) Mitsubishi Heavy Industries Engineering,	(22) 10.06.2008
19.01.2017	Ltd.	(54) APPARATUS AND PROCESS FOR
(22) 08.07.2016	(72) KAMITO, Ryo	TREATMENT OF WASTEWATER AND
(54) PROCESS FOR REMOVING OXYGEN	OKINO, Susumu	BIOLOGICAL NUTRIENT REMOVAL IN
FROM A GAS MIXTURE COMPRISING	EDA, Masayuki	ACTIVATED SLUDGE SYSTEMS
HYDROCARBON AND OXYGEN	SAKURAI, Hideaki	(73) MixAnox Systems Inc.
(73) Wacker Chemie AG	UKAI, Nobuyuki	(72) KAYA, Isin
(72) DAFINGER, Willibald	SUZUKI, Hideo	(51) B01F 5/06
ECKERT, Marc	NAKASHOJI, Hiroshi	B01F 15/00
RUDOLF, Günther	YOSHIOKA, Shigeru	B01F 13/10
(31) 102015213030	(31) 2013261653	B29L 31/00
(32) 13.07.2015	(32) 18.12.2013	B32B 37/14
(33) Germany	(33) Japan	B29C 53/40
(51) B01D 61/08	(51) B01D 71/02	B29C 61/02
C02F 1/44	B01D 61/36	B29C 65/02
(11) EP2786797	B01D 69/04	(11) EP2836293
(21) EP10844077.7	B01D 69/12	(21) EP13713408.6
(47) 23.01.2019	(11) EP2952247	(47) 23.01.2019
(87) RU2010000137	(21) EP14745945.7	(87) EP2013056379
28.07.2011	(47) 30.01.2019	28.11.2013
(22) 26.03.2010	(87) JP2014052307	(22) 26.03.2013
(54) REVERSE OSMOSIS DESALINATION	07.08.2014	(54) MIXER FOR MIXING AT LEAST TWO
MODULES	(22) 31.01.2014	FLOWING COMPONENTS
(73) Aqua-Life Spolka z ograniczona	(54) METHOD FOR USING CERAMIC	(73) Sulzer Mixpac AG
odpowiedzialnoscia Spolka Komandytowa	FILTER, AND FILTER DEVICE	(72) ETTLIN, Josef
(72) Fjodorovich, Fomin Vladimir	(73) NGK Insulators, Ltd.	(31) 12169331
(31) 2010101541	(72) ICHIKAWA, Akimasa	(32) 24.05.2012
(32) 20.01.2010	FURUKAWA, Masahiro	(33) European Patent Office (EPO)
(33) Russian Federation	(31) 2013019003	(51) B01F 7/02
(51) B01D 61/36	(32) 01.02.2013	B01F 7/04
C08G 8/04	(33) Japan	B01F 15/00
B01D 71/02	(51) B01D 71/80	B01F 15/02
(11) EP2554246	C08L 81/06	B08B 7/02
(21) EP11759275.8	B01D 71/82	B01F 7/00
(47) 23.01.2019	B01D 69/08	A01K 5/00
(87) JP2011056193	A61M 1/16	B08B 9/08
29.09.2011	(11) EP3142778	B08B 17/02
(22) 16.03.2011	(21) EP15723689.4	(11) EP3200906
(54) METHOD FOR PERVAPORATION	(47) 30.01.2019	(21) EP14799210.1
SEPARATION USING CARBON	(87) EP2015060506	(47) 30.01.2019
MEMBRANE	19.11.2015	(87) IB2014064960
(73) NGK Insulators, Ltd.	(22) 12.05.2015	07.04.2016
(72) ICHIKAWA, Akimasa	(54) ZWITTERION-FUNCTIONALIZED	(22) 30.09.2014
SUZUKI, Kenji	BLOCK COPOLYMER MEMBRANES	(54) METHOD OF OPERATING A BATCH
KINOSHITA, Naoto	AND ASSOCIATED BLOCK	MIXER AND BATCH MIXER FOR
ISODA, Yoshinori	COPOLYMER COMPOSITION	PERFORMING THE METHOD
KIMATA, Takafumi	(73) General Electric Company	(73) Andritz Feed & Biofuel A/S
(31) 2010073050	(72) MCCLOSKEY, Patrick, Joseph	(72) NIELSEN, Kenneth
(32) 26.03.2010	LEE, Julia, Lam	BLOK, Jesper
(33) Japan	MOORE, David, Roger	PEDERSEN, Christian Gejl
(51) B01D 65/00	OLSEN, Cathryn, Ellen	(51) B01F 13/10
C02F 1/44	ZHOU, Hongyi	B01F 5/24
C02F 5/00	MISNER, Matthew, Jeremiah	(11) EP2414093
C02F 5/10	CARR, Louise, Ruth	(21) EP10759081.2

(47) 30.01.2019	MURATA Seiichiro	(47) 30.01.2019
(87) NO2010000113	SATO Katsuyuki	(87) EP2016054289
07.10.2010	(31) 2009252620	09.09.2016
(22) 26.03.2010	2009266189	(22) 01.03.2016
(54) A METHOD AND A MIXING STATION FOR MIXING OF BULK SOLID MATERIALS WITH BROAD PARTICLE SIZE DISTRIBUTION	(32) 04.11.2009 24.11.2009	(54) DEVICE FOR PRODUCING POLY(METH)ACRYLATE IN POWDER FORM
(73) Norsk Hydro ASA	(33) Japan Japan	(73) BASF SE
(72) KARLSEN, Morten	(51) B01J 2/04	(72) BAYER, Robert
DYRØY, Are	B01D 1/18	FREIBERG, Jürgen
HJELLE, Vidar	B01D 1/20	SCHLIWA, Rudolf
(31) 20091342	(11) EP2611529	KRÜGER, Marco
(32) 31.03.2009	(21) EP11755214.1	(31) 15157147
(33) Norway	(47) 23.01.2019	(32) 02.03.2015
(51) B01F 17/00	(87) US2011050218	(33) European Patent Office (EPO)
C09D 5/00	08.03.2012	(51) B01J 8/08
(11) EP2879782	(22) 01.09.2011	B01J 8/18
(21) EP13744435.2	(54) SPRAY-DRYING METHOD	(11) EP3265221
(47) 23.01.2019	(73) Bend Research, Inc.	(21) EP16706595.2
(87) EP2013002219	(72) DOBRY, Daniel, E.	(47) 30.01.2019
13.02.2014	MULLIN, James, M.	(87) EP2016053954
(22) 26.07.2013	MILLARD, Douglas, L.	09.09.2016
(54) TENSIDE COMPOSITIONS	FRIESEN, Dwayne, T.	(22) 25.02.2016
(73) Merck Patent GmbH	NEWBOLD, David, D.	(54) DEVICE FOR PRODUCING POLY(METH)ACRYLATE IN POWDER FORM
(72) PAHNKE, Joerg	BAUMANN, John, M.	(73) BASF SE
JONSCHKER, Gerhard	DUBOSE, Devon, B.	(72) BAYER, Robert
SHELLENBERGER, Steffen	(31) 380103 P	FREIBERG, Juergen
KAISER, Mathias	386316 P	SCHLIWA, Rudolf
(31) 12005710	(32) 03.09.2010	KRUEGER, Marco
(32) 06.08.2012	24.09.2010	(31) 15157146
(33) European Patent Office (EPO)	(33) United States of America United States of America	(32) 02.03.2015
(51) B01F 17/00	(51) B01J 8/02	(33) European Patent Office (EPO)
G01N 11/06	B01J 8/04	(51) B01J 12/00
G01N 9/00	B01J 8/18	C10G 2/00
G01N 13/00	B01J 8/22	B01J 19/24
(11) EP3137205	C10G 49/00	C01B 3/38
(21) EP15785788.9	(11) EP2151277	(11) EP2694433
(47) 30.01.2019	(21) EP09290418.4	(21) EP12718727.6
(87) IB2015053142	(47) 23.01.2019	(47) 23.01.2019
05.11.2015	(22) 05.06.2009	(87) GB2012050716
(22) 30.04.2015	(54) Up-flow co-current gas-liquid reactor with distribution plate	04.10.2012
(54) AN INSTRUMENT AND METHOD FOR QUANTITATIVE DETERMINATION OF PHYSICO-CHEMICAL PROPERTIES OF CHEMICAL SUBSTANCES	(73) IFP Energies nouvelles	(22) 30.03.2012
(73) Singh, Man	(72) Augier, Frédéric	(54) HIGH PRESSURE GAS TO LIQUID PROCESS
(72) Singh, Man	Boyer, Christophe	(73) Gas Ventures (UK) Limited
(31) 1314MU2014	(31) 0804057	(72) BANISTER, James
(32) 30.04.2014	(32) 15.07.2008	(31) 201105571
(33) India	(33) France	(32) 01.04.2011
(51) B01F 17/14	(51) B01J 8/04	(33) United Kingdom
B01J 13/00	(11) EP1640062	(51) B01J 13/04
C09K 3/00	(21) EP05291929.7	A61K 9/50
C07F 9/38	(47) 30.01.2019	(11) EP2861338
B01F 17/00	(22) 16.09.2005	(21) EP13728393.3
(11) EP2497566	(54) Fixed catalytic bed reactor with by-pass means through the bed and process using it	(47) 23.01.2019
(21) EP10828169.2	(73) IFP Energies nouvelles	(87) EP2013062221
(47) 30.01.2019	(72) Boyer, Christophe	19.12.2013
(87) JP2010067616	Koudil, Abdelhakim	(22) 13.06.2013
12.05.2011	(31) 0410286	(54) METHOD FOR OBTAINING A NANO-CAPSULE STRUCTURE
(22) 07.10.2010	(32) 28.09.2004	(73) Université de Lorraine
(54) POLYFLUOROALKYL PHOSPHONATE SALT EMULSIFYING AGENT AND MOLD RELEASE AGENT COMPRISING SAME AS ACTIVE INGREDIENT	(33) France	Centre National de la Recherche Scientifique (CNRS)
(73) Unimatec Co., Ltd.	(51) B01J 8/08	(72) MC MURTRY, Stefan
(72) KANEUMI Yoshiyama	B01J 8/12	ELMAZRIA, Omar
	B01J 8/18	(31) 1255561
	B01J 8/40	(32) 14.06.2012
	(11) EP3265222	
	(21) EP16707118.2	

(33) France	B01J 37/02	H01M 4/583
(51) B01J 19/12	B01J 37/03	H01M 4/587
C02F 1/32	B01J 20/18	H01M 8/1018
C02F 1/72	B01J 20/22	H01M 8/1004
B01J 8/04	B01J 20/30	(11) EP3156123
B01J 8/28	B01D 67/00	(21) EP15865049.9
(11) EP2547438	B01D 69/10	(47) 23.01.2019
(21) EP11716984.7	B01J 31/02	(87) JP2015083614
(47) 23.01.2019	B01J 35/10	09.06.2016
(87) GB2011050536	C07F 7/08	(22) 30.11.2015
22.09.2011	C10G 25/00	(54) CARBON CATALYST, ELECTRODE,
(22) 17.03.2011	(11) EP3229952	AND BATTERY
(54) PHOTOCATALYTIC REACTOR AND	(21) EP15820381.0	(73) National University Corporation Gunma
METHODS OF USE	(47) 23.01.2019	University
(73) Fully Evergreen Investment Limited	(87) US2015065204	Nisshinbo Holdings Inc.
(72) FOSTER, Neil	16.06.2016	(72) IMASHIRO, Yasuo
(31) 201004443	(22) 11.12.2015	KISHIMOTO, Takeaki
(32) 17.03.2010	(54) ORGANOSILICA MATERIALS	SATO, Tetsutaro
(33) United Kingdom	(73) ExxonMobil Research and Engineering	OZAKI, Jun-ichi
(51) B01J 19/22	Company	MAIE, Takuya
F16G 3/10	(72) LI, Quanchang	KUSADOKORO, Sayaka
(11) EP2225021	CALABRO, David, Charles	(31) 2014246820
(21) EP08861032.4	AFEWORKI, Mobae	(32) 05.12.2014
(47) 30.01.2019	WESTON, Simon, Christopher	(33) Japan
(87) EP2008067617	MERTENS, Machteld, Maria Wilfried	(51) B01J 23/00
25.06.2009	BEUTEL, Tilman, Wolfram	B01J 23/882
(22) 16.12.2008	LAI, Wenyih, Frank	B01J 27/04
(54) DEVICE AND METHOD FOR	PODSIADLO, Paul	B01J 27/051
PRODUCING WATER-ABSORBENT	BEECKMAN, Jean, Willem Lodewijk	B01J 37/20
POLYMER PARTICLES ON A ROTATING	(31) 201462091071 P	C01G 45/00
BELT CONVEYOR	201462091077 P	C07C 319/26
(73) BASF SE	(32) 12.12.2014	C07C 321/14
(72) WEISMANTEL, Matthias	12.12.2014	C10G 45/08
FUNK, Rüdiger	(33) United States of America	C01G 51/04
BLAIR, Leigh R.	United States of America	C01G 53/04
HEITZHAUS, Kevin D.	(51) B01J 20/10	(11) EP2094386
(31) 14109	B01J 20/22	(21) EP07871990.3
(32) 17.12.2007	B01J 20/32	(47) 30.01.2019
(33) United States of America	B01J 20/34	(87) FR2007052579
(51) B01J 20/04	B01D 53/14	24.07.2008
B01J 20/28	B01D 53/62	(22) 20.12.2007
(11) EP2929934	(11) EP3259055	(54) SULPHIDATION AGENT FOR
(21) EP14864305.9	(21) EP13737591.1	HYDROPROCESSING CATALYST AND
(47) 30.01.2019	(47) 23.01.2019	USE THEREOF FOR IN-SITU AND EX-
(87) KR2014011248	(87) EP2013064802	SITU PRESULPHIDATION
28.05.2015	16.01.2014	(73) ARKEMA FRANCE
(22) 21.11.2014	(22) 12.07.2013	(72) HUMBLOT, Francis
(54) GETTER MATERIAL AND	(54) CO2 SORPTION BY SUPPORTED AMINO	SCHMITT, Paul Guillaume
HYGROSCOPIC FILM COMPRISING	ACID IONIC LIQUIDS	FREMY, Georges
SAME	(73) Danmarks Tekniske Universitet (DTU)	(31) 0655884
(73) LG Chem, Ltd.	(72) FEHRMANN, Rasmus	939152 P
(72) LEE, Su Hee	RIISAGER, Anders	0757330
BYUN, Won Bae	KOLDING, Helene	(32) 22.12.2006
KIM, Dong Hwan	SHUNMUGAVEL, Saravanamurugan	21.05.2007
PARK, Cheol Hee	(31) 12176318	03.09.2007
PARK, Chee Sung	201261671569 P	(33) France
(31) 20130142079	(32) 13.07.2012	United States of America
(32) 21.11.2013	13.07.2012	France
(33) Korea (Republic)	(33) European Patent Office (EPO)	(51) B01J 23/22
(51) B01J 20/06	United States of America	B01J 27/055
B01J 20/08	(51) B01J 21/18	B01J 35/02
B01J 20/28	B01J 37/08	B01J 37/00
B01J 20/10	C01B 32/05	C01B 17/79
B01D 53/04	H01M 4/90	B01D 53/86
C08G 77/60	H01M 8/10	B01J 35/00
C08F 4/659	H01M 12/06	B01J 35/10
C08F 4/6592	H01M 12/08	(11) EP3274086
B01D 15/00	H01M 4/133	(21) EP16713761.1

(47) 30.01.2019	B01J 29/74	(32) 02.10.2008
(87) EP2016055670	B01J 29/78	28.07.2008
06.10.2016	C01G 45/00	(33) European Patent Office (EPO)
(22) 16.03.2016	C01G 47/00	United States of America
(54) SHAPED CATALYST BODY FOR THE CATALYTIC OXIDATION OF SO ₂ INTO SO ₃	(11) EP2861344 (21) EP13727226.6 (47) 23.01.2019 (87) EP2013061840 27.12.2013	(51) B01J 31/02 B01J 31/22 C08G 18/22 C08G 18/62 C08G 18/79 C09D 175/04
(73) BASF SE	(72) MERTENS, Machteld	(11) EP2477738
(72) GRÜNE, Philipp	(31) 12172378	(21) EP10747638.4
WALSDORFF, Christian	(32) 18.06.2012	(47) 23.01.2019
SCHUBERT, Markus	(33) European Patent Office (EPO)	(87) EP2010062779
BORCHERT, Holger	(51) B01J 29/70	24.03.2011
VAN DORLAND, Jacob Cornelis	C01B 39/48	(22) 01.09.2010
ZÜHLKE, Jürgen	(11) EP2056964	(54) PHOTO-LATENT TITANIUM-CHELATE CATALYSTS
LIPP, Stefan	(21) EP07810449.4	(73) BASF SE
KRÄMER, Michael	(47) 30.01.2019	(72) HINTERMANN, Tobias
(31) 15161232	(87) US2007016004	BAUER, Didier
(32) 27.03.2015	07.02.2008	CARROY, Antoine
(33) European Patent Office (EPO)	(22) 13.07.2007	LORDELOT, Caroline
(51) B01J 23/745	(54) A NOVEL MOLECULAR SIEVE COMPOSITION, A METHOD OF MAKING AND A PROCESS OF USING THE SAME	KOHLI STECK, Rachel
B01J 29/68	(73) ExxonMobil Chemical Patents Inc.	(31) 09170294
B01J 35/04	(72) ROTH, Wieslaw, J.	(32) 15.09.2009
B01D 53/94	MERTENS, Machteld, M.	(33) European Patent Office (EPO)
F01N 3/28	DE CLERCK, Els, C.	(51) B01J 35/04
F01N 3/035	JOHNSON, Ivy, D.	B01D 53/94
F01N 3/20	(31) 834032 P	B01J 23/63
(11) EP2409760	834001 P	F01N 3/10
(21) EP11174915.6	834030 P	F01N 3/24
(47) 23.01.2019	834031 P	F01N 3/28
(22) 21.07.2011	926204 P	F01N 3/08
(54) Gas-treatment device including such a composition comprising a ferrierite/iron-type zeolite	(32) 28.07.2006	F01N 3/022
(73) PSA Automobiles SA	28.07.2006	F01N 3/035
IRMA	28.07.2006	B01J 35/00
(72) Blanchard, Gilbert	25.04.2007	(11) EP3254757
Hamon, Christian	(33) United States of America	(21) EP16752471.9
(31) 1055989	United States of America	(47) 30.01.2019
(32) 22.07.2010	United States of America	(87) JP2016054432
(33) France	United States of America	25.08.2016
(51) B01J 27/19	United States of America	(22) 16.02.2016
B01J 35/10	(51) B01J 29/70	(54) EXHAUST GAS PURIFICATION CATALYST
C10G 45/08	C07C 2/66	(73) Cataler Corporation
B01J 35/02	C01B 39/46	Toyota Jidosha Kabushiki Kaisha
(11) EP2771113	C01B 39/48	(72) ONOE, Ryota
(21) EP12784192.2	(11) EP2334601	SAKAGAMI, Shingo
(47) 23.01.2019	(21) EP09790481.7	NOMURA, Yasutaka
(87) US2012061845	(47) 30.01.2019	MORISHITA, Yuta
02.05.2013	(87) US2009050727	KURIYAMA, Junji
(22) 25.10.2012	04.02.2010	SEKINE, Hiroshi
(54) Method of making A LOW COST AND HIGH ACTIVITY HYDROPROCESSING CATALYST	(22) 15.07.2009	OCHIAI, Daisuke
(73) Shell Internationale Research Maatschappij B.V.	(54) PROCESS OF MAKING ALKYLAROMATICS USING MOLECULAR SIEVE EMM-12	MIYOSHI, Naoto
(72) BHAN, Opinder Kishan	(73) ExxonMobil Chemical Patents Inc.	TAKEUCHI, Masahiko
(31) 201113283389	(72) HELTON, Terry, E.	SATO, Akemi
(32) 27.10.2011	VINCENT, Matthew J.	(31) 2015028795
(33) United States of America	(31) 08165750	(32) 17.02.2015
(51) B01J 29/70	84166	(33) Japan
B01J 35/02		(51) B01J 37/03
B01J 35/00		B01J 23/75
C01B 39/48		B01J 23/889
C10G 45/00		B01J 37/08
C10G 47/00		B01J 37/02
C07C 15/00		B01J 37/04
C07C 1/20		B01J 37/18
B01J 29/72		B01J 21/06

B01J 23/34	(73) Alfred-Wegener-Institut Helmholtz-Zentrum für Polar- und Meeresforschung	(51) B01L 3/00
B01J 23/89	(72) Gerds, Gunnar	G01N 33/552
C10G 2/00	(31) 102016123324	G01N 33/52
C07C 1/04	(32) 02.12.2016	G01N 21/84
(11) EP3262018	(33) Germany	(11) EP2359136
(21) EP16715612.4	(51) B01L 3/00	(21) EP09753073.7
(47) 30.01.2019	B65B 17/02	(47) 23.01.2019
(87) IB2016050745	B01L 1/02	(87) EP2009064757
01.09.2016	G21F 7/005	14.05.2010
(22) 12.02.2016	G21F 7/047	(22) 06.11.2009
(54) HYDROCARBON SYNTHESIS CATALYST, ITS PREPARATION PROCESS AND ITS USE	(11) EP3265231	(54) FINE-GRAINED FILLER SUBSTANCES FOR PHOTOMETRIC REACTION FILMS
(73) Sasol Technology (Pty) Ltd	(21) EP16719560.1	(73) F. Hoffmann-La Roche AG
(72) BOTHA, Jan, Mattheus	(47) 30.01.2019	(72) KNAPPE, Wolfgang-Reinhold
VISAGIE, Jacobus, Lucas	(87) US2016020100	HILLER, Bernd
CULLEN, Adam	09.09.2016	LEHR, Ursula
TALJAARD, Jana, Heloise	(22) 29.02.2016	ZIMMER, Volker
MEYER, Rita	(54) CUSTOMIZABLE MOUNTING INTERFACE FOR A SEALED TRANSFER PORT	PETRICH, Wolfgang
(31) 201501288	(73) Delaware Capital Formation, Inc.	BEDON-GOMEZ, Luis, David
(32) 25.02.2015	(72) WILLIAMS, II, Steven Bruce	(31) 08168666
(33) South Africa	GIESEN, Isaac M.	(32) 07.11.2008
(51) B01J 49/00	(31) 201562127070 P	(33) European Patent Office (EPO)
G21F 9/28	201562211173 P	(51) B01L 3/00
(11) EP3061527	(32) 02.03.2015	G01N 33/558
(21) EP16157135.1	28.08.2015	G01N 33/52
(47) 23.01.2019	(33) United States of America	(11) EP2038657
(22) 24.02.2016	United States of America	(21) EP07748604.1
(54) TREATMENT METHOD FOR USED ION EXCHANGE RESIN	(51) B01L 3/00	(47) 23.01.2019
(73) Kabushiki Kaisha Toshiba	F04B 19/00	(87) SE2007050444
(72) SUGIMORI, Toshiaki	F16K 99/00	27.12.2007
MIYAMOTO, Shinya	G01N 21/00	(22) 20.06.2007
MURAYAMA, Seiichi	(11) EP3308860	(54) ASSAY DEVICE AND METHOD
MURATA, Takaaki	(21) EP17195974.5	(73) Crimson International Assets LLC
YAITA, Yumi	(47) 30.01.2019	(72) MENDEL-HARTVIG, Ib
KANEKO, Masaaki	(22) 11.10.2017	ÖHMAN, Per Ove
(31) 2015033845	(54) CARTRIDGE ASSEMBLY	(31) 0601354
(32) 24.02.2015	(73) Illumina, Inc.	(32) 20.06.2006
(33) Japan	Illumina Singapore Pte Ltd	(33) Sweden
(51) B01L 3/00	(72) Lemoine, Richard	(51) B01L 3/02
(11) EP2606975	Osmus, James	(11) EP2700450
(21) EP12198735.8	Lin, Sz-Chin	(21) EP13180950.1
(47) 30.01.2019	Ang, Beng	(47) 23.01.2019
(22) 20.12.2012	(31) 201662408631 P	(22) 20.08.2013
(54) Microfluidic system with metered fluid loading system for microfluidic device	2017959	(54) Sealed pipette
(73) Sharp Life Science (EU) Limited	(32) 14.10.2016	(73) Thermo Fisher Scientific Oy
(72) Jacobs, Adrian Marc Simon	08.12.2016	(72) Jääskeläinen, Ari
Hector, Jason Roderick	(33) United States of America	Lind, Mikael
Hadwen, Benjamin James	Netherlands	Telimaa, Juha
Brown, Campbell Donald	(51) B01L 3/00	Tuominen, Aaro
Dothie, Pamela Ann	G01N 33/493	(31) 20125861
(31) 201113332502	G01N 33/543	(32) 20.08.2012
(32) 21.12.2011	G01N 33/558	(33) Finland
(33) United States of America	(11) EP3143402	(51) B01L 3/02
(51) B01L 3/00	(21) EP15792721.1	(11) EP2814612
B03B 5/00	(47) 23.01.2019	(21) EP13707019.9
B01D 15/12	(87) US2015029613	(47) 23.01.2019
(11) EP3329994	19.11.2015	(87) FI2013050142
(21) EP17202689.0	(22) 07.05.2015	22.08.2013
(47) 30.01.2019	(54) FLEXIBLE, INTEGRATED URINE-BASED DIAGNOSTIC DEVICE	(22) 08.02.2013
(22) 21.11.2017	(73) Lia Diagnostics, Inc.	(54) ELECTRONIC PIPETTE
(54) REACTOR FOR THE ENZYMATIC MACERATION OF BIOGENIC CONSTITUENTS OF A PARTICLE SAMPLE AND USE OF THE REACTOR	(72) Bethany, Edwards	(73) Thermo Fisher Scientific Oy
	Dimare, Frances	(72) TELIMAA, Juha
	(31) 201461996978 P	LIND, Mikael
	(32) 11.05.2014	(31) 20125149
	(33) United States of America	(32) 13.02.2012
		(33) Finland
		(51) B01L 3/14
		C12M 1/24

- B65D 51/00
 (11) EP3210670
 (21) EP17166452.7
 (47) 23.01.2019
 (22) 18.11.2011
 (54) CLOSURE ASSEMBLY FOR CELL CULTURE APPARATUS
 (73) Corning Incorporated
 (72) BEAR, Adam J
 BROWN, Heidi M
 MITCHELL, Matthew D
 PHILIPPE, James
 SEETO, Paul Kevin
 (31) 415970 P
 (32) 22.11.2010
 (33) United States of America
 (51) B01L 9/00
 B01L 3/00
 B01L 7/00
 (11) EP3235568
 (21) EP14833144.0
 (47) 30.01.2019
 (87) ES2014070934
 23.06.2016
 (22) 18.12.2014
 (54) DISPOSABLE DEVICE FOR PERFORMING PLURALITY OF SIMULTANEOUS BIOLOGICAL EXPERIMENTS IN FLUIDIC SAMPLES
 (73) Ikerlan, S. Coop
 (72) BERGANZO RUIZ, Javier
 RUANO LÓPEZ, Jesús Miguel
 (51) B01L 9/06
 B01L 3/00
 G01N 35/00
 B03C 1/28
 B03C 1/033
 (11) EP3372312
 (21) EP18000085.3
 (47) 30.01.2019
 (22) 01.02.2018
 (54) PLASTIC MAGNET SEPARATING PLATE FOR PERFORMING AN AUTOMATED MAGNET SEPARATION PROCESS
 (73) Ritter GmbH
 (72) Ritter, Frank
 (31) 202017001238 U
 (32) 09.03.2017
 (33) Germany
 (51) B02C 2/04
 (11) EP3132851
 (21) EP15182027.1
 (47) 30.01.2019
 (22) 21.08.2015
 (54) ANTI-SPIN DUST SEAL FOR CONE AND GYRATORY CRUSHERS
 (73) Metso Minerals Industries, Inc.
 (72) Niklewski, Andrzej
 Barscevicus, Paulo
 (51) B02C 18/04
 B02C 1/04
 B02C 1/10
 (11) EP3115111
 (21) EP15843092.6
 (47) 23.01.2019
 (87) JP2015072200
 17.11.2016
 (22) 05.08.2015
 (54) BLADE PLATE FOR CRUSHER, AND CRUSHER
 (73) Yuatsuki Co., Ltd.
 (72) OKUYA Yasuaki
 (31) 2015096129
 (32) 10.05.2015
 (33) Japan
 (51) B03B 9/06
 B02C 19/06
 B02C 23/08
 A23L 15/00
 (11) EP3060348
 (21) EP13783027.9
 (47) 23.01.2019
 (87) EP2013072049
 30.04.2015
 (22) 22.10.2013
 (54) METHOD OF PROCESSING EGG SHELL RESIDUES
 (73) Biovotec AS
 (72) UTGÅRD, Bjørn
 AMUNDSEN, Ståle
 SUSO, Henri-Pierre
 (51) B03B 9/06
 B03B 9/04
 C22B 1/00
 C22B 15/00
 C22B 21/00
 (11) EP3310487
 (21) EP16733768.2
 (47) 23.01.2019
 (87) US2016036545
 22.12.2016
 (22) 09.06.2016
 (54) METAL RECOVERY SYSTEM AND METHOD
 (73) Best Process Solutions, Inc.
 (72) CONWAY, Timothy, F.
 (31) 201514741487
 (32) 17.06.2015
 (33) United States of America
 (51) B03C 1/025
 B03C 1/033
 B03C 1/035
 B03C 1/22
 (11) EP1842596
 (21) EP04821649.3
 (47) 23.01.2019
 (87) RU2004000514
 27.07.2006
 (22) 22.12.2004
 (54) SUBSTANCE SEPARATION DEVICE FOR FORMING A HIGH-GRADIENT MAGNETIC FIELD
 (73) Giamag Technologies AS
 (72) GLEBOV, Vladimir Alexandrovich
 GLEBOV, Alexey Vladimirovich
 ILYASHENKO, Evgeny Ivanovich
 SKJELTORP, Arne Torbjorn
 JOHANSEN, Tom Henning
 (51) B03D 1/08
 (11) EP2646128
 (21) EP11796884.2
 (47) 23.01.2019
 (87) US2011062937
 07.06.2012
 (22) 01.12.2011
 (54) BLENDS OF POLYPROPYLENE POLYGLYCOL AND PHENOLIC GLYCOL ETHERS AND METHOD OF FOAM CONTROL USING SUCH BLEND
 (73) Dow Brasil Sudeste Industrial Ltda
 (72) MARQUES, Yuri, Alencar
 GRAZIANI, Marcelo, Beck
 (31) 418930 P
 (32) 02.12.2010
 (33) United States of America
 (51) B04B 1/08
 B04B 7/08
 B04B 11/02
 (11) EP3229970
 (21) EP15804094.9
 (47) 30.01.2019
 (87) EP2015077910
 16.06.2016
 (22) 27.11.2015
 (54) SEPARATOR
 (73) GEA Mechanical Equipment GmbH
 (72) MACKEL, Wilfried
 BATHELT, Thomas
 QUITER, Kathrin
 TAETZ, Frank
 (31) 102014118289
 (32) 10.12.2014
 (33) Germany
 (51) B04C 5/181
 B04C 5/13
 B04C 5/14
 (11) EP1998898
 (21) EP06842693.1
 (47) 23.01.2019
 (87) IB2006055047
 04.10.2007
 (22) 28.12.2006
 (54) CYCLONE SEPARATOR
 (73) FLSmidth A/S
 (72) HANSEN, Morten Kaare
 (31) 200600416
 (32) 24.03.2006
 (33) Denmark
 (51) B05B 3/10
 B05B 5/04
 (11) EP2460591
 (21) EP11009306.9
 (47) 23.01.2019
 (22) 24.11.2011
 (54) Nozzle head and rotary atomiser with same
 (73) Eisenmann SE
 (72) Albrecht, Markus
 (31) 102010053134
 (32) 01.12.2010
 (33) Germany
 (51) B05B 5/16
 B05B 16/40
 (11) EP2806978
 (21) EP13702743.9
 (47) 23.01.2019
 (87) EP2013000226
 01.08.2013
 (22) 25.01.2013
 (54) PAINTING BOOTH WITH A COATING AGENT LINE AND CORRESPONDING MANUFACTURING METHOD FOR SAID COATING AGENT LINE
 (73) Dürr Systems AG

(72) COLLMER, Andreas	(54) COATING METHOD AND	(33) United States of America
(31) 102012001563	CORRESPONDING COATING	(51) B05D 3/06
(32) 27.01.2012	INSTALLATION	B05D 7/04
(33) Germany	(73) Dürr Systems AG	B32B 37/22
(51) B05B 7/04	(72) FRITZ, Hans-Georg	B32B 37/24
B05B 3/00	WÖHR, Benjamin	(11) EP3108970
B08B 3/02	KLEINER, Marcus	(21) EP16172243.4
B08B 1/00	BEYL, Timo	(47) 23.01.2019
(11) EP2221111	BUBEK, Moritz	(22) 31.05.2016
(21) EP07860327.1	(31) 102014017707	(54) METHOD FOR PRODUCING A
(47) 23.01.2019	(32) 01.12.2014	VARNISHED, DECORATIVE LAMINATE
(87) JP2007075105	(33) Germany	(73) Hymmen GmbH Maschinen- und
08.01.2009	(51) B05B 13/06	Anlagenbau
(22) 27.12.2007	B08B 9/08	(31) 102015110276
(54) FLUID JET GUN	B08B 9/093	(32) 25.06.2015
(73) GA-REW Corporation	B01F 5/02	(33) Germany
(72) HASEGAWA, Kaga	B01F 5/10	(51) B05D 7/24
(31) 2007176367	B05B 3/06	B32B 7/04
(32) 04.07.2007	G01N 27/04	B32B 15/04
(33) Japan	(11) EP2626143	C07F 7/18
(51) B05B 7/14	(21) EP12155042.0	C09D 183/00
B05B 15/14	(47) 23.01.2019	C09D 185/00
(11) EP3142950	(22) 13.02.2012	(11) EP2859962
(21) EP15726454.0	(54) Monitoring of liquid ejection system	(21) EP12878807.2
(47) 30.01.2019	(73) Alfa Laval Corporate AB	(47) 23.01.2019
(87) US2015030752	(72) Madsen, Karsten Schack	(87) JP2012072174
19.11.2015	Brandt, Claus	19.12.2013
(22) 14.05.2015	Hansen, Henrik	(22) 31.08.2012
(54) DENSE PHASE PUMP DIAGNOSTICS	(51) B05B 17/00	(54) SURFACE TREATMENT METHOD,
(73) Nordson Corporation	(11) EP2832453	SURFACE TREATMENT AGENT, AND
(72) BEUK, Edwin, Jeroen	(21) EP13769785.0	NOVEL COMPOUND
FULKERSON, Terrence, M.	(47) 23.01.2019	(73) Mori, Kunio
PERKINS, Jeffrey, A.	(87) JP2013058503	Meiko Electronics Co., Ltd.
(31) 201461993672 P	03.10.2013	Sulfur Chemical Laboratory Inc.
(32) 15.05.2014	(22) 25.03.2013	(72) MORI Kunio
(33) United States of America	(54) ATOMIZER	MORI Katsuhito
(51) B05B 11/00	(73) Sumitomo Chemical Company Limited	KUDO Takahiro
B05B 7/00	(72) KAWASHIMA, Shinsuke	TAKII Shuukichi
(11) EP2914384	TAKAHATA, Daisuke	MICHIWAKI Shigeru
(21) EP13786875.8	(31) 2012080984	MIYAWAKI Manabu
(47) 23.01.2019	(32) 30.03.2012	YANAI Masanori
(87) US2013067366	(33) Japan	KAMIYAMA Kouichi
08.05.2014	(51) B05C 5/02	CHIBA Hitomi
(22) 30.10.2013	(11) EP3199247	MASUDA Yasuyuki
(54) FOAM PUMPS WITH LOST MOTION	(21) EP16153025.8	MATSUNO Yusuke
AND ADJUSTABLE OUPUT FOAM	(47) 23.01.2019	(31) 2012132410
PUMPS	(22) 27.01.2016	(32) 11.06.2012
(73) Gojo Industries, Inc.	(54) SLOT CASTER AND COATING	(33) Japan
(72) CIAVARELLA, Nick, E.	APPARATUS	(51) B06B 1/02
TEDEROUS, Cory, J.	(73) Coatema Coating Machinery GmbH	A61B 8/00
MCNULTY, John, J.	(72) Pankratz, Alexander	G01N 29/24
ROSENKRANZ, Mark, E.	(51) B05C 17/005	H04R 19/04
(31) 201261720490 P	(11) EP3268134	(11) EP2629549
201313791332	(21) EP16711435.4	(21) EP11832603.2
(32) 31.10.2012	(47) 23.01.2019	(47) 23.01.2019
08.03.2013	(87) US2016020806	(87) JP2011073582
(33) United States of America	22.09.2016	19.04.2012
United States of America	(22) 04.03.2016	(22) 13.10.2011
(51) B05B 12/08	(54) NOZZLE TIP AND METHOD FOR	(54) ULTRASONIC TRANSDUCER
B05B 13/04	DISPENSING ONTO A PARTIAL CUT	AND ULTRASONIC DIAGNOSTIC
B05D 1/02	PANEL	EQUIPMENT USING THE SAME
(11) EP3227030	(73) 3M Innovative Properties Company	(73) Hitachi, Ltd.
(21) EP15790035.8	(72) DOMENIGHI, Alvaro S.	(72) TAKEZAKI Taiichi
(47) 30.01.2019	GUSTAFSON, Kim L.	MACHIDA Shuntaro
(87) EP2015002215	ZIMMERMAN, Patrick G.	(31) 2010232618
09.06.2016	(31) 201562132810 P	(32) 15.10.2010
(22) 04.11.2015	(32) 13.03.2015	(33) Japan
		(51) B06B 1/06

G01F 1/66	(73) Versum Materials US, LLC	(54) WASTE AND SEWAGE TREATMENT SYSTEM
(11) EP3178570	(72) Gershtein, Vladimir Yliy	(73) Korea Institute Of Construction Technology
(21) EP15198159.4	Toth, Andrew James	(72) KIM, Tae-Hyung
(47) 30.01.2019	Butler, Christopher R.	KIM, Eun-Ju
(22) 07.12.2015	(31) 944669	(31) 20120141479
(54) ULTRASONIC TRANSDUCER AND METHOD FOR MANUFACTURING AN ULTRASONIC TRANSDUCER	(32) 26.11.2007	(32) 06.12.2012
(73) Danfoss A/S	(33) United States of America	(33) Korea (Republic)
(72) Christensen, Torben Amby	(51) B09B 3/00	(51) B21B 31/07
Christensen Lyck, Henrik	B01J 3/02	(11) EP3328564
Nielsen, Søren	C08J 11/14	(21) EP16744399.3
(51) B07B 1/14	C10B 49/04	(47) 23.01.2019
(11) EP3228393	C10B 53/02	(87) EP2016067906
(21) EP17000393.3	C10G 1/02	09.02.2017
(47) 30.01.2019	C10G 1/10	(22) 27.07.2016
(22) 10.03.2017	C10G 3/00	(54) ROLLING STAND FOR THE ROLLING OF ROLLING STOCK
(54) SCREENING DEVICE	B01F 7/02	(73) SMS Group GmbH
(73) Backers Maschinenbau GmbH	B01F 7/08	(72) KNIE, Daniel
(72) Backers, Heinz	B01F 15/00	ALKEN, Johannes
(31) 102016003832	C05F 3/00	(31) 102015214642
(32) 04.04.2016	C10B 53/07	102015219864
(33) Germany	B09C 1/06	102015223676
(51) B07B 1/46	(11) EP3210680	(32) 31.07.2015
(11) EP2962773	(21) EP17150824.5	13.10.2015
(21) EP15156712.0	(47) 23.01.2019	30.11.2015
(47) 30.01.2019	(22) 27.05.2005	(33) Germany
(22) 26.02.2015	(54) APPERATUS FOR TREATMENT OF ORGANIC WASTE MATERIAL AND METHOD FOR SEPERATING AND RECOVERING LIQUID MATERIAL	Germany
(54) Plastic screen lining for a screening machine for classifying in particular fine-grained material to be screened	(73) Miyashiro, Tomonao	Germany
(73) Rhewum GmbH	G-8 International Trading Co., Ltd.	(51) B21D 5/08
(72) Pikhard, Oliver	(72) MABUCHI, Kousaku	B21D 5/12
Schütz, Sigurd	(51) B09B 3/00	(11) EP3184184
Koch, Dietmar	C04B 35/52	(21) EP16205511.5
Bahr, Thorsten	C04B 35/622	(47) 30.01.2019
(31) 102014009702	C04B 35/626	(22) 20.12.2016
(32) 02.07.2014	C04B 35/83	(54) FINISHING STATION OF A MACHINE FOR PRODUCING SQUARE PIPES
(33) Germany	H05B 7/085	(73) Olimpia 80 SRL
(51) B07C 5/342	(11) EP2533913	(72) TRAVINI, Vittorio
(11) EP3116664	(21) EP11703863.8	BOSONI, Riccardo
(21) EP15811496.7	(47) 23.01.2019	(31) UB20159476
(47) 30.01.2019	(87) EP2011051893	(32) 23.12.2015
(87) US2015031905	18.08.2011	(33) Italy
30.12.2015	(22) 09.02.2011	(51) B21D 7/08
(22) 21.05.2015	(54) METHOD OF PRODUCING MOLDED PARTS OF CARBON MATERIAL USING RECYCLED CARBON FIBERS	B21D 5/08
(54) METHOD FOR SORTING	(73) SHOWA DENKO CARBON Germany GmbH	B21D 5/14
(73) Key Technology, Inc.	(72) CHRIST, Martin	B21D 5/04
(72) ADAMS, Dirk	ÖTTINGER, Oswin	B21D 53/88
CALCOEN, Johan	BODE, Reiner	(11) EP2480354
JUSTICE, Timothy, L.	PRÉFONTAINE, Alain	(21) EP10817675.1
RICHERT, Gerald, R.	SCHWAIGER, Georg	(47) 23.01.2019
(31) 201414317551	(31) 102010001787	(87) US2010047980
(32) 27.06.2014	(32) 10.02.2010	24.03.2011
(33) United States of America	(33) Germany	(22) 07.09.2010
(51) B08B 9/08	(51) B09B 5/00	(54) ROLL FORMER WITH THREE-DIMENSIONAL SWEEP UNIT AND METHOD
B08B 9/049	C02F 11/12	(73) Shape Corp.
G01N 21/954	F23G 5/46	(72) HEINZ, Richard D.
B05B 12/00	F23G 5/04	GOULD, Bryan E.
B05B 12/12	F23G 7/06	(31) 244253 P
B05B 13/00	(11) EP2933030	872411
(11) EP2851135	(21) EP12889687.5	872602
(21) EP14003508.0	(47) 23.01.2019	(32) 21.09.2009
(47) 30.01.2019	(87) KR2012010650	31.08.2010
(22) 25.11.2008	12.06.2014	31.08.2010
(54) Devices and methods for performing inspections, repairs and/or other operations within vessels	(22) 07.12.2012	(33) United States of America
		United States of America

United States of America	(87) FR2013050345	(54) BREAKER CORE WITH A NETLIKE
(51) B21D 26/12	12.09.2013	TISSUE WHICH PENETRATES ITS
(11) EP3068557	(22) 19.02.2013	OPENING
(21) EP14821844.9	(54) TOOL FOR PRESS-FORMING AND	(73) GTP Schäfer Gießtechnische Produkte
(47) 30.01.2019	FLANGING THE EDGES OF A VEHICLE	GmbH
(87) IB2014066045	BONNET	(72) Schäfer, Jörg
21.05.2015	(73) PSA Automobiles SA	Schäfer, Thomas
(22) 14.11.2014	(72) PICHON, David	(31) 202015104553 U
(54) ELECTROHYDRAULIC FORMING	(31) 1252019	(32) 27.08.2015
DEVICE	(32) 06.03.2012	(33) Germany
(73) ADM28 S.är.l.	(33) France	(51) B22C 9/10
(72) AVRILLAUD, Gilles	(51) B21D 51/26	B22C 9/12
PLAUT, Eran	B21D 51/30	(11) EP3322547
PERONNET, Hervé	G01M 3/00	(21) EP16744851.3
(31) 1361218	G01N 19/06	(47) 30.01.2019
(32) 15.11.2013	(11) EP3208009	(87) IB2016000999
(33) France	(21) EP16170748.4	19.01.2017
(51) B21D 28/12	(47) 30.01.2019	(22) 14.07.2016
B21D 28/34	(22) 20.05.2016	(54) METHOD FOR PRODUCING A CASTING
B21D 45/00	(54) MACHINE FOR AUTOMATICALLY	CORE, AND A CASTING CORE
(11) EP2498929	DETECTING THE QUALITY OF THE	(73) Nematik, S.A.B. de C.V.
(21) EP10713063.5	SEAM OF A CAN BODY	(72) TEWES, Sebastian
(47) 23.01.2019	(73) ZHAOQING CANNEED INSTRUMENT	FEIKUS, Franz-Josef
(87) US2010028041	LIMITED	(31) 102015111418
19.05.2011	DONGGUAN CANNEED AUTOMATION	(32) 14.07.2015
(22) 19.03.2010	EQUIPMENT TECHNOLOGY LIMITED	(33) Germany
(54) MULTIPLE PUNCH AND DIE	(72) BAI, Zhongwen	(51) B22D 2/00
ASSEMBLY	(31) 201610087135	B22D 11/18
(73) Mate Precision Tooling, Inc.	(32) 16.02.2016	B22D 23/10
(72) THIELGES, Bruce	(33) China	C22B 9/18
WINDINGSTAD, Ron	(51) B21K 1/08	B22D 11/20
VILLENEUVE, Larry	B21J 5/00	G01K 13/02
LYSDAHL, Phil	B21J 5/02	F27D 19/00
(31) 615956	F16C 3/08	F27D 21/00
(32) 10.11.2009	(11) EP2933039	F27B 3/08
(33) United States of America	(21) EP13863523.0	(11) EP3268149
(51) B21D 28/22	(47) 30.01.2019	(21) EP17727527.8
H01F 41/02	(87) JP2013007217	(47) 30.01.2019
H02K 15/02	19.06.2014	(87) EP2017062450
(11) EP2933035	(22) 09.12.2013	30.11.2017
(21) EP14165037.4	(54) FORGED CRANKSHAFT AND METHOD	(22) 23.05.2017
(47) 30.01.2019	FOR MANUFACTURING THE FORGED	(54) ELECTROSLAG REMELTING PROCESS
(22) 16.04.2014	CRANKSHAFT	AND MELTING VESSEL
(54) Method and device for producing a bonded	(73) Nippon Steel & Sumitomo Metal Corporation	(73) Ald Vacuum Technologies GmbH
stack of metal sheets	(72) TAHIRA, Hiroaki	(72) FRANZ, Henrik
(73) voestalpine Automotive Components	KIM, Kisung	BIEBRICHER, Ulrich
Dettingen GmbH & Co. KG	OKUBO, Junichi	SCHOLZ, Harald
(72) Kauffmann, Jochen	(31) 2012271222	(31) 102016109712
Bursy, Heinrich	(32) 12.12.2012	(32) 25.05.2016
Lankswiert, Jochen	(33) Japan	(33) Germany
(51) B21D 43/10	(51) B21K 3/04	(51) B22D 11/00
B21D 43/28	B21J 5/02	B22D 11/16
(11) EP2554291	(11) EP2465622	G01B 9/02
(21) EP11176071.6	(21) EP11189312.9	(11) EP2944398
(47) 30.01.2019	(47) 23.01.2019	(21) EP15164201.4
(22) 01.08.2011	(22) 16.11.2011	(47) 30.01.2019
(54) Working method and mechanical assembly	(54) A clipping die for clipping a component	(22) 20.04.2015
for implementing the working method	(73) Rolls-Royce plc	(54) SYSTEM AND METHOD FOR
(73) TRUMPF Werkzeugmaschinen GmbH + Co.	(72) McBain, John	ALIGNING ROLLERS OF
KG	(31) 201021373	CONTINUOUS CASTING SEGMENTS OF
(72) Thiel, Walter	(32) 16.12.2010	SLABS
(51) B21D 45/04	(33) United Kingdom	(73) DANIELI & C. OFFICINE MECCANICHE
B21D 53/88	(51) B22C 9/08	S.p.A.
B21D 19/08	(11) EP3135400	(72) De Luca, Andrea
(11) EP2822713	(21) EP16185153.0	Carnelutti, Guido
(21) EP13710489.9	(47) 30.01.2019	(31) MI20140731
(47) 23.01.2019	(22) 22.08.2016	(32) 18.04.2014
		(33) Italy

(51) B22D 11/041 B22D 11/055 B22D 11/059	(33) Germany Germany Germany Germany Germany	(47) 23.01.2019 (87) JP2010054812 23.12.2010
(11) EP3283245 (21) EP16718629.5 (47) 23.01.2019 (87) EP2016058231 20.10.2016	(51) B22D 15/02 B22D 18/04 B22D 27/04	(22) 19.03.2010 (54) METHOD FOR SUPPLYING MOLTEN METAL TO AUTOMATIC POURING MACHINE AND FACILITY THEREFOR
(22) 14.04.2016 (54) SUPPORTED TUBULAR MOULD FOR BILLET AND INGOT INSTALLATIONS	(11) EP2606995 (21) EP12195988.6 (47) 30.01.2019 (22) 07.12.2012	(73) Sintokogio, Ltd. Fujiwa Denki Co., Ltd. (72) HYOUODO, Toshiyuki NISHIDA, Tadashi
(73) Primetals Technologies Austria GmbH (72) WIMMER, Franz POEPL, Johann THOENE, Heinrich	(54) Casting device for casting cylinder crank housings using a low-pressure process (73) Martinrea Honsel Germany GmbH (72) Löffler, Christian Lingemann-König, Ulrich	(31) 2009142986 2010003149 (32) 16.06.2009 08.01.2010 (33) Japan Japan
(31) 503032015 (32) 16.04.2015 (33) Austria	(31) 102011056985 (32) 23.12.2011 (33) Germany	(51) B22F 1/00 B22F 9/24 H01B 1/22 B22F 9/30
(51) B22D 11/053 F16H 25/20 F16H 25/22 F16H 25/24 H02K 7/06 H02K 7/10	(51) B22D 41/08 B22D 41/16 B22D 37/00	(11) EP3150306 (21) EP15799589.5 (47) 30.01.2019 (87) JP2015063880 03.12.2015
(11) EP3260219 (21) EP16752354.7 (47) 23.01.2019 (87) JP2016053812 25.08.2016	(11) EP2723522 (21) EP12803861.9 (47) 23.01.2019 (87) US2012044219 03.01.2013	(22) 14.05.2015 (54) COATED COPPER PARTICLES AND METHOD FOR MANUFACTURING SAME
(22) 09.02.2016 (54) MOLD VIBRATING DEVICE	(54) MOLTEN METAL HOLDING AND POURING BOX WITH DUAL POURING NOZZLES	(73) Kyoritsu Chemical Co., Ltd. (72) FUKUMOTO, Kunihiro OYAMA, Yu
(73) JP Steel Plantech Co. (72) KADOWAKI, Yuki	(73) Inductotherm Corp. (72) PRABHU, Satyen N. PFLUG, William R. PAIVA, Marcelo Albano COOPER, Graham	(31) 2014112794 (32) 30.05.2014 (33) Japan
(31) 2015030292 (32) 19.02.2015 (33) Japan	(31) 201161501235 P (32) 26.06.2011 (33) United States of America	(51) B22F 1/02 B22F 1/00 C08K 7/02 C08K 3/08 C08L 65/00 H01B 1/00 H01B 1/12 H01B 1/20 H01B 1/22 H01B 5/14 H01L 51/05 H01L 51/30 C08G 61/02 C08G 61/12
(51) B22D 11/124 B22D 11/22 F01K 17/00 F01K 23/00	(51) B22D 46/00 B22D 41/12 B22D 45/00 B22D 47/02	(11) EP2403668 (21) EP10708712.4 (47) 30.01.2019 (87) EP2010001263 10.09.2010
(11) EP2403668 (21) EP10708712.4 (47) 30.01.2019 (87) EP2010001263 10.09.2010	(11) EP2476496 (21) EP10815216.6 (47) 23.01.2019 (87) JP2010062070 17.03.2011	(22) 02.03.2010 (54) ENERGY RECOVERY IN HOT STRIP MILLS BY CONVERTING THE COOLING HEAT OF THE CONTINUOUS CASTING PLANT AND THE RESIDUAL HEAT OF SLABS AND COILS INTO ELECTRICAL ENERGY OR OTHERWISE UTILIZING THE CAPTURED PROCESS HEAT
(73) SMS group GmbH (72) SUDAU, Peter SEIDEL, Jürgen GÄRTNER, Horst STAVENOW, Axel	(54) MOLTEN METAL POURING MACHINE CONTROL SYSTEM, MOLTEN METAL POURING EQUIPMENT, AND MOLTEN METAL POURING METHOD (73) Sintokogio, Ltd. Fujiwa Denki Co., Ltd. (72) ADACHI, Tsutomu NISHIDA, Tadashi	(87) JP2012056739 20.09.2012 (22) 15.03.2012 (54) METAL COMPLEX COMPOSITIONS AND MIXTURE THEREOF
(31) 102009011073 102009016384 102009018734 102009018899 102009031557	(31) 2009209565 2010135386 (32) 10.09.2009 14.06.2010 (33) Japan Japan	(73) Sumitomo Chemical Company Limited (72) IIJIMA, Takayuki HIGASHIMURA, Hideyuki (31) 2011059151 (32) 17.03.2011 (33) Japan
(32) 02.03.2009 07.04.2009 27.04.2009 28.04.2009 02.07.2009	(51) B22D 47/02 B22D 41/12 (11) EP2444179 (21) EP10789285.3	(51) B22F 3/03 B30B 11/00 B30B 15/02 (11) EP3263249

- (21) EP16177300.7
(47) 23.01.2019
(22) 30.06.2016
(54) A PRESS-TOOL
(73) Seco Tools AB
(72) STERKENBURG, Dirk
(51) B22F 3/105
B22F 5/00
B23K 26/342
B23K 101/00
B33Y 10/00
B33Y 50/02
B33Y 80/00
F23R 3/00
(11) EP3115131
(21) EP16176847.8
(47) 23.01.2019
(22) 29.06.2016
(54) MANUFACTURE OF COMPONENT WITH COOLING CHANNELS
(73) Rolls-Royce plc
(72) Jones, Simon
(31) 201511776
(32) 06.07.2015
(33) United Kingdom
(51) B22F 3/105
B29C 64/20
F01D 5/00
B29C 64/153
B33Y 10/00
B33Y 30/00
B22F 5/00
(11) EP2942130
(21) EP14167697.3
(47) 30.01.2019
(22) 09.05.2014
(54) Apparatus and method for additive manufacturing of a device component
(73) MTU Aero Engines AG
(72) Heß, Thomas
Ladewig, Alexander
Piorun, Steven
Zenzinger, Günter
(51) B22F 3/105
B33Y 10/00
B33Y 30/00
B33Y 50/02
B23K 26/342
(11) EP3277452
(21) EP16713734.8
(47) 23.01.2019
(87) EP2016000502
06.10.2016
(22) 23.03.2016
(54) METHOD FOR LAYERED PRODUCTION OF A METALLIC WORKPIECE BY MEANS OF LASER ASSISTED ADDITIVE MANUFACTURING
(73) Linde Aktiengesellschaft
(72) FORET, Pierre
(31) 15000936
(32) 31.03.2015
(33) European Patent Office (EPO)
(51) B22F 9/24
C22C 1/04
C22C 27/02
(11) EP2939765
(21) EP13899315.9
(47) 30.01.2019
(87) CN2013088935
18.06.2015
(22) 10.12.2013
(54) METHOD FOR PREPARING CAPACITOR-GRADE TANTALUM POWDER WITH HIGH NITROGEN CONTENT
(73) Ningxia Orient Tantalum Industry Co., Ltd.
National Engineering Research Center for Special Metal Materials of Tantalum and Niobium
(72) YANG, Guoqi
ZHENG, Aiguo
CHENG, Yuewei
MA, Yuezhong
(51) B23B 25/06
B23B 1/00
B23Q 15/14
G05B 19/404
B23Q 17/22
B23Q 11/00
B23B 3/06
B23B 29/26
B23Q 3/155
B23Q 3/157
(11) EP2923783
(21) EP15157214.6
(47) 30.01.2019
(22) 15.05.2008
(54) System with a turning tool holder
(73) Yamazaki Mazak Corporation
(72) Okuda, Toshihito
Momoi, Shoji
Yamamoto, Hiromasa
(31) 2007130992
(32) 16.05.2007
(33) Japan
(51) B23B 27/04
B23B 27/14
(11) EP2830797
(21) EP13724497.6
(47) 23.01.2019
(87) AT2013000049
03.10.2013
(22) 25.03.2013
(54) CUTTING INSERT
(73) Ceratizit Austria Gesellschaft m.b.H.
(72) STEINER, Michael
KASSNER, Sebastian
SCHLEINKOFER, Uwe
(31) 1142012 U
(32) 27.03.2012
(33) Austria
(51) B23B 27/14
C22C 1/05
C22C 29/02
(11) EP2656948
(21) EP11851198.9
(47) 23.01.2019
(87) JP2011080123
28.06.2012
(22) 26.12.2011
(54) CUTTING TOOL
(73) Kyocera Corporation
(72) TOKUNAGA, Takashi
KINOSHITA, Hideyoshi
(31) 2010289003
2011098285
(32) 25.12.2010
26.04.2011
(33) Japan
Japan
(51) B23B 27/16
B23C 5/22
(11) EP2596887
(21) EP11190334.0
(47) 23.01.2019
(22) 23.11.2011
(54) Cutting tool comprising an exchangeable insert seat member
(73) Sandvik Intellectual Property AB
(72) Schmitt, Jeremy
Sander, Stefan
Örtlund, Magnus
(51) B23B 29/04
B23B 27/04
B23B 29/02
B23B 27/00
(11) EP3222376
(21) EP16162258.4
(47) 23.01.2019
(22) 24.03.2016
(54) GROOVING BLADE, GROOVING TOOL AND METHOD OF GROOVING A METALLIC WORKPIECE
(73) Seco Tools AB
(72) THELIN, Jimmy
THURESSON, Jonas
JONSSON, Mats
(51) B23B 45/00
B25F 5/00
(11) EP2647456
(21) EP13155973.4
(47) 23.01.2019
(22) 20.02.2013
(54) Electric hand tool with spindle stop
(73) Metabowerke GmbH
(72) Stark, Günther
Reif, Michael
(31) 102012205609
(32) 04.04.2012
(33) Germany
(51) B23B 51/02
B28D 1/14
(11) EP2845672
(21) EP14183745.0
(47) 30.01.2019
(22) 05.09.2014
(54) Drill bit
(73) DreBo Werkzeugfabrik GmbH
(72) Stumpp, Martin
Zürn, Alexander
Kehrlé, Peter
Berg, Tobias
(31) 102013109796
(32) 06.09.2013
(33) Germany
(51) B23B 51/04
B23B 31/107
(11) EP3006147
(21) EP14188353.8
(47) 30.01.2019
(22) 09.10.2014

(54) HOLE SAW ASSEMBLY AND METHOD FOR FASTENING AND RELEASING OF A DRILL ROD OF SUCH AN ASSEMBLY	B23D 65/00 B28D 1/08 (11) EP3212356	(54) HOBBIING TOOL WITH REPLACEABLE CUTTING INSERTS
(73) Rote Mate Industry Co., Ltd.	(21) EP15766856.7	(73) Seco Tools AB
(72) Lai, Ying-Tsung	(47) 30.01.2019	(72) Consonni, Andrea
(51) B23C 5/28	(87) EP2015071818	(51) B23F 23/06
(11) EP2999566	06.05.2016	B23F 17/00
(21) EP14738345.9	(22) 23.09.2015	B23Q 3/18
(47) 30.01.2019	(54) SHAPED SAW WIRE WITH CONTROLLED CURVATURE AT BENDS	B23Q 17/22
(87) AT2014000112	(73) Bekaert Binjiang Steel Cord Co., Ltd.	B23B 31/02
27.11.2014	(72) SIMONART, Alain	B23B 41/00
(22) 19.05.2014	HUANG, Wenxian	B23B 25/06
(54) ROTARY TOOL WITH INTERNAL COOLANT AND/OR LUBRICANT FEED	(31) PCT/CN2014/089963	(11) EP2803436
(73) Ceratizit Austria Gesellschaft m.b.H.	(32) 31.10.2014	(21) EP14168375.5
(72) SCHLEINKOFER, Uwe	(33) World Intellectual Property Office (WIPO)	(47) 30.01.2019
(31) 1812013 U	(51) B23D 65/00	(22) 14.05.2014
(32) 23.05.2013	B23K 26/34	(54) Method and automatic machine for machining a gear wheel
(33) Austria	B23K 31/02	(73) Ge Avio S.r.l.
(51) B23D 47/12	(11) EP3200946	(72) Milletari, Salvatore
B28D 1/04	(21) EP15763031.0	Siccardi, Rinaldo
(11) EP1866121	(47) 30.01.2019	(31) TO20130385
(21) EP05728089.3	(87) EP2015071175	(32) 14.05.2013
(47) 23.01.2019	07.04.2016	(33) Italy
(87) SE2005000421	(22) 16.09.2015	(51) B23H 1/00
28.09.2006	(54) METHOD OF MANUFACTURING A SAW ELEMENT AND SAW ELEMENT	F23C 3/00
(22) 23.03.2005	(73) NV Bekaert SA	F23D 11/12
(54) IMPROVEMENTS RELATING TO A CUTTING OR SAWING MACHINE	(72) VANEECKE, Jan	F23D 11/36
(73) Husqvarna AB	BAEKELANDT, Tom	F23D 14/22
(72) DONNERDAL, Ove	(31) 14187315	F23D 14/78
PINZANI, Håkan	(32) 01.10.2014	C03B 5/235
ALBINSSON, Mari	(33) European Patent Office (EPO)	(11) EP3135639
(51) B23D 49/00	(51) B23F 17/00	(21) EP16185993.9
B23D 51/14	(11) EP1920863	(47) 30.01.2019
(11) EP3235583	(21) EP07120113.1	(22) 26.08.2016
(21) EP17165726.5	(47) 23.01.2019	(54) BURNER PANELS, SUBMERGED COMBUSTION MELTERS, AND METHODS
(47) 23.01.2019	(22) 06.11.2007	(73) Johns Manville
(22) 10.04.2017	(54) Gear production plant	(72) Baker, John Wayne
(54) COMBINED BLADE CLAMP AND TENSIONER FOR SCROLL SAW	(73) GE Avio S.r.l.	Michael William, Luka
(73) JPW Industries Inc.	(72) Milletari, Salvatore	McCann, Jonathan
(72) MYERS, Steven	Barbato, Giulio	Huber, Aaron Morgan
WEBER, Charles	(31) TO20060793	Charbonneau, Mark William
(31) 201662325165 P	(32) 07.11.2006	Segar, Paul Oscar
201715472472	(33) Italy	Graf, James E.
(32) 20.04.2016	(51) B23F 21/14	(31) 201514838148
29.03.2017	B23C 5/08	(32) 27.08.2015
(33) United States of America	B23C 5/20	(33) United States of America
United States of America	(11) EP2737969	(51) B23H 7/04
(51) B23D 49/08	(21) EP12820470.8	B23H 1/02
B23D 51/16	(47) 23.01.2019	B23H 7/02
F16F 3/06	(87) JP2012069227	B23Q 17/00
(11) EP2969341	07.02.2013	(11) EP2839916
(21) EP14776126.6	(22) 27.07.2012	(21) EP12874722.7
(47) 30.01.2019	(54) CUTTING INSERT AND ROTARY CUTTING TOOL	(47) 23.01.2019
(87) US2014022584	(73) Tungaloy Corporation	(87) JP2012060262
02.10.2014	(72) SHINJO, Yuji	24.10.2013
(22) 10.03.2014	SAITO, Isamu	(22) 16.04.2012
(54) RECIPROCATING TOOL WITH BIASING ASSEMBLY	(31) 2011166206	(54) MACHINE TOOL
(73) Robert Bosch GmbH	(32) 29.07.2011	(73) Makino Milling Machine Co., Ltd.
(72) OBERHEIM, Stephen	(33) Japan	(72) KIMURA, Tadashi
(31) 201313803111	(51) B23F 21/16	(51) B23K 1/00
(32) 14.03.2013	(11) EP3263263	B23K 1/20
(33) United States of America	(21) EP16177229.8	B23K 3/06
(51) B23D 61/18	(47) 23.01.2019	B23K 3/08
	(22) 30.06.2016	H05K 3/24
		H05K 3/34
		(11) EP2740557

- (21) EP12861048.2
(47) 23.01.2019
(87) JP2012069773
06.02.2014
(22) 02.08.2012
(54) METHOD OF MANUFACTURING A COMPONENT HAVING ELECTRODE DISSOLUTION PREVENTION LAYER
(73) Tanigurogumi Corporation
(72) TANIGURO, Katsumori
WATANABE, Genzo
(51) B23K 3/06
B41F 15/40
H05K 3/34
(11) EP3085484
(21) EP13899803.4
(47) 30.01.2019
(87) JP2013083853
25.06.2015
(22) 18.12.2013
(54) SOLDER SUPPLY DEVICE
(73) FUJI Corporation
(72) FUJITA, Yoji
(51) B23K 9/013
B23K 9/095
B23K 9/10
B23K 9/067
B23K 9/073
(11) EP3215295
(21) EP15781274.4
(47) 23.01.2019
(87) US2015053908
12.05.2016
(22) 04.10.2015
(54) METHOD AND APPARATUS FOR AIR CARBON ARC CUTTING
(73) Illinois Tool Works Inc.
(72) SCHARTNER, Quinn W.
VOGEL, Bernard J.
NELSON, Andrew D.
(31) 201414536140
(32) 07.11.2014
(33) United States of America
(51) B23K 9/12
B23K 9/29
(11) EP3017901
(21) EP15192498.2
(47) 30.01.2019
(22) 02.11.2015
(54) TIG WELDING TORCH WITH ARC-SHAPED GUIDE
(73) Fronius International GmbH
(72) HUBINGER, Manfred
LEEB, Josef
PÜHRINGER, Stefan
(31) 508032014
(32) 04.11.2014
(33) Austria
(51) B23K 20/12
(11) EP2511038
(21) EP10835676.7
(47) 23.01.2019
(87) JP2010007029
16.06.2011
(22) 02.12.2010
(54) FRICTION STIR WELDING APPARATUS AND METHOD
(73) Kawasaki Jukogyo Kabushiki Kaisha
(72) Ohashi, Ryoji c/o KAWASAKI JUKOGYO K.K.
Fujimoto, Mitsuo c/o KAWASAKI JUKOGYO K.K.
(31) 2009277908
(32) 07.12.2009
(33) Japan
(51) B23K 20/12
B23P 15/10
F02F 3/00
(11) EP2969366
(21) EP14723534.5
(47) 30.01.2019
(87) US2014024514
02.10.2014
(22) 12.03.2014
(54) WELDED PISTON ASSEMBLY
(73) Mahle International GmbH
Lapp, Michael, T.
(72) LAPP, Michael, T.
ANTOC, Alex
PERRONE, Luiz
SPINDLER, Dietmar
(31) 201313830713
(32) 14.03.2013
(33) United States of America
(51) B23K 26/00
B23P 23/04
B21D 28/26
B23P 23/02
B23K 26/38
B23K 101/18
(11) EP3315240
(21) EP17192911.0
(47) 23.01.2019
(22) 25.09.2017
(54) APPARATUS FOR PLATE PUNCHING AND LASER CUTTING
(73) Produtech S.R.L.
(72) MOLOGNI, Fabrizio
(31) 201600107541
(32) 25.10.2016
(33) Italy
(51) B23K 26/03
B23K 26/06
B23K 26/08
(11) EP2969367
(21) EP14709299.3
(47) 30.01.2019
(87) EP2014054733
18.09.2014
(22) 11.03.2014
(54) MACHINE TOOL WITH A DEVICE FOR OPERATING THE MACHINE TOOL
(73) Continental Automotive GmbH
(72) GARN, Rüdiger
LENK, Andreas
SCHRÖDER, Martin
(31) 102013204151
(32) 11.03.2013
(33) Germany
(51) B23K 35/26
B23K 35/36
B23K 35/362
(11) EP2516104
(21) EP10799017.8
(47) 30.01.2019
(87) EP2010070329
30.06.2011
(22) 21.12.2010
(54) A SOLDER PASTE COMPOSITION, A SOLDER PASTE AND A SOLDERING FLUX
(73) Henkel AG & Co. KGaA
Henkel IP & Holding GmbH
(72) YANG, Huiying
LU, Daoqiang
(31) 200910215134
(32) 24.12.2009
(33) China
(51) B23K 35/26
H01L 23/373
H01L 23/473
C22C 13/00
H01L 23/488
B23K 101/40
B23K 35/30
B23K 35/02
B32B 15/01
(11) EP2940719
(21) EP13868095.4
(47) 30.01.2019
(87) JP2013084257
03.07.2014
(22) 20.12.2013
(54) POWER MODULE
(73) Mitsubishi Materials Corporation
(72) OHASHI Touyou
NAGATOMO Yoshiyuki
NAGASE Toshiyuki
KUROMITSU Yoshirou
(31) 2012281345
(32) 25.12.2012
(33) Japan
(51) B23K 35/28
B23K 35/02
B32B 15/01
C22C 21/02
C22C 21/04
C22C 21/00
C22C 21/08
(11) EP3359326
(21) EP16774968.8
(47) 30.01.2019
(87) EP2016073665
13.04.2017
(22) 04.10.2016
(54) ALUMINIUM COMPOUNDS MATERIAL FOR USE IN THERMAL FLUXLESS JOINING METHOD AND METHOD FOR PRODUCING THE SAME
(73) Hydro Aluminium Rolled Products GmbH
(72) ECKHARD, Kathrin
GÜßGEN, Olaf
RICHTER, Thorsten
JANSSEN, Hartmut
EIGEN, Nico
(31) 15188422
(32) 05.10.2015
(33) European Patent Office (EPO)
(51) B23K 37/02
B23K 26/00
(11) EP3130426
(21) EP15180878.9
(47) 30.01.2019
(22) 13.08.2015

(54) MACHINE TOOL WITH A STAMPING DEVICE AND A LASER PROCESSING DEVICE	IIZUKA, Tateoki (31) 201410255788 (32) 10.06.2014	Maschinenbau-Service-Automatisierungstechnik Chemnitz GmbH
(73) TRUMPF Werkzeugmaschinen GmbH + Co. KG	(33) China	(72) MENONNA, Antonio MORGENSTERN, Stefan SCHACHERER, Roland
(72) Tränklein, Dennis	(51) B23P 15/34	(51) B23Q 1/00
(51) B23K 37/02	B23P 15/46	(11) EP3028805
B23K 37/053	B23C 5/18	(21) EP15198093.5
B23Q 1/76	(11) EP3137254	(47) 30.01.2019
(11) EP3292944	(21) EP15722964.2	(22) 04.12.2015
(21) EP17187868.9	(47) 30.01.2019	(54) CLAMPING MODULE
(47) 23.01.2019	(87) EP2015059550	(73) Schunk GmbH & Co. KG Spann- und Greiftechnik
(22) 25.08.2017	05.11.2015	(72) SCHRÄDER, Philipp
(54) SUPPORT DEVICE FOR SUPPORTING A TUBE ON A TUBE WORKING MACHINE, PARTICULARLY A LASER TUBE CUTTING MACHINE, AND TUBE WORKING MACHINE COMPRISING SUCH A SUPPORT DEVICE	(22) 30.04.2015 (54) TOOL (73) MAPAL Fabrik für Präzisionswerkzeuge Dr. Kress KG	(31) 102014225076 (32) 05.12.2014 (33) Germany
(73) Adige S.p.A.	(72) KRESS, Dieter (31) 102014208125 (32) 30.04.2014	(51) B23Q 3/06 B25B 5/06
(72) RIOLFATTI, Riccardo	(33) Germany	(11) EP2929980
NIATO, Carlo	(51) B23P 19/02	(21) EP13861066.2
(31) 201600092105	G01K 1/14	(47) 30.01.2019
(32) 13.09.2016	(11) EP3280564	(87) JP2013078846
(33) Italy	(21) EP16714862.6	12.06.2014
(51) B23P 15/00	(47) 30.01.2019	(22) 24.10.2013
B24B 19/02	(87) EP2016057338	(54) FLUID PRESSURE CYLINDER
(11) EP2705926	13.10.2016	(73) Pascal Engineering Corporation
(21) EP13183815.3	(22) 04.04.2016	(72) KAWAKAMI, Takayuki
(47) 23.01.2019	(54) ASSEMBLY FOR INSERTING A THERMOCOUPLE INTO A TUBULAR PIPE AND CORRESPONDING METHOD	(31) 2012264198
(22) 10.09.2013	(73) FRAMATOME	(32) 03.12.2012
(54) Finishing process for making blade slots in a rotor disc	(72) CAHOQUET, Laurent	(33) Japan
(73) Ge Avio S.r.l.	PARIZE, Christophe	(51) B23Q 7/00
FIDIA S.p.A.	SCALVINI, Alain	B23Q 7/02
(72) Cherubini, Marco	(31) 1553016	B23Q 16/06
Furxhi, Guido	(32) 08.04.2015	B23Q 1/01
Canola, Mauro	(33) France	B23Q 1/28
(31) TO20120780	(51) B23P 19/04	B23Q 7/14
(32) 10.09.2012	B25J 11/00	(11) EP3162497
(33) Italy	(11) EP2640550	(21) EP15874423.5
(51) B23P 15/10	(21) EP11841584.3	(47) 23.01.2019
B23K 9/167	(47) 23.01.2019	(87) JP2015074667
C21D 1/09	(87) SE2011051386	09.03.2017
C22F 1/00	24.05.2012	(22) 31.08.2015
F02F 3/00	(22) 18.11.2011	(54) TABLE CLAMP DEVICE AND PALLET CHANGER EQUIPPED WITH SAME
B23K 101/00	(54) DEVICE FOR DISMANTLING OF CHOSEN PARTS OF ASSEMBLED PALLETS	(73) Yamazaki Mazak Corporation
(11) EP3156173	(73) Yaskawa Nordic AB	(72) NISHIDA, Kiyoshi
(21) EP15806932.8	(72) BERG, Karl-Johan	MAKI, Kazuhiro
(47) 23.01.2019	MAGNUSSON, Bengt	NASU, Kotaro
(87) CN2015071805	DANIELSSON, Per	(51) B23Q 16/00
17.12.2015	(31) 1051215	B24B 49/00
(22) 29.01.2015	(32) 19.11.2010	(11) EP2474388
(54) METHOD FOR MANUFACTURING PISTON WITH RE-MOLTEN REINFORCED COMBUSTION CHAMBER THROAT	(33) Sweden	(21) EP11194501.0
(73) Binzhou Bohai Piston Co., Ltd.	(51) B23P 19/10	(47) 23.01.2019
(72) FENG, Zengjian	F01L 1/047	(22) 20.12.2011
LIU, Shiyang	B23P 11/02	(54) Workpiece centering apparatus and workpiece centering method
SHANG, Zihe	(11) EP3205444	(73) JTEKT Corporation
WANG, Longchang	(21) EP16197734.3	(72) Makiuchi, Akira
LI, Yanjun	(47) 23.01.2019	Kato, Ikuya
CUI, Yanshou	(22) 08.11.2016	Goto, Keita
LI, Yunxin	(54) DEVICE FOR POSITIONING A PLURALITY OF FUNCTIONAL ELEMENTS	Somyo, Yoshihiro
GENG, Xinghua	(73) MAHLE International GmbH	Yabuki, Kenichi
WANG, Shili		(31) 2011002914
PANG, Zhaojie		(32) 11.01.2011
		(33) Japan

(51) B24B 5/22	(47) 30.01.2019	(33) United Kingdom
B24B 5/30	(87) US2006020193	(51) B25B 27/10
B24B 5/307	04.01.2007	B21D 39/04
(11) EP3269500	(22) 24.05.2006	H01R 43/042
(21) EP16179084.5	(54) TRANSPARENT MICROPOROUS	(11) EP3246130
(47) 30.01.2019	MATERIALS FOR CMP	(21) EP16170450.7
(22) 12.07.2016	(73) CABOT MICROELECTRONICS	(47) 23.01.2019
(54) METHOD AND DEVICE FOR	CORPORATION	(22) 19.05.2016
SIMULTANEOUSLY TIP FREE ROTARY	(72) PRASAD, Abaneshwar	(54) COMPRESSION DEVICE
GRINDING OF MULTIPLE WORKPIECES	(31) 158694	(73) Geberit International AG
(73) Tschudin GmbH Grenchen	(32) 22.06.2005	(72) HEIMGARTNER, Ernst
(72) Tschudin, Urs	(33) United States of America	MAINHART, Patrick
Sedlacek, Libor	(51) B25B 5/06	(51) B25B 31/00
(51) B24B 13/00	B25B 1/06	(11) EP2567789
B24B 41/00	B25B 1/02	(21) EP12183280.2
B23Q 7/04	B25B 5/02	(47) 30.01.2019
B23Q 3/155	(11) EP2777879	(22) 06.09.2012
B24B 27/00	(21) EP14158661.0	(54) Device for positioning a fixing element
(11) EP2308644	(47) 30.01.2019	(73) Flex-N-Gate France
(21) EP10010013.0	(22) 10.03.2014	(72) Bonnot, Denis
(47) 23.01.2019	(54) Clamp	(31) 1157913
(22) 21.09.2010	(73) Stanley Black & Decker, Inc.	(32) 07.09.2011
(54) Apparatus for fine machining optically active	(72) Tropea, Gregory	(33) France
surfaces of spectacle lenses	(31) 201313793157	(51) B25C 1/00
(73) Satisloh AG	(32) 11.03.2013	B25C 5/16
(72) Fiedler, Udo, Dr.	(33) United States of America	(11) EP2669059
Schäfer, Holger	(51) B25B 21/00	(21) EP13170119.5
Wallendorf, Steffen	B25B 23/00	(47) 23.01.2019
(31) 102009048757	(11) EP2583794	(22) 31.05.2013
(32) 08.10.2009	(21) EP12188294.8	(54) Power tool having latched pusher assembly
(33) Germany	(47) 23.01.2019	(73) Black & Decker Inc.
(51) B24B 19/16	(22) 12.10.2012	(72) Gregory, Larry Eugene
A61M 5/32	(54) Prehensile anti-torque and simultaneous	Baron, Michael P.
(11) EP1651294	support for power tool	Brendel, Lee Michael
(21) EP04779626.3	(73) United Technologies Corporation	Hagan, Todd A.
(47) 23.01.2019	(72) Walsh, Leonard M.	Garber, Stuart E.
(87) US2004024623	Gudelski, Frances L.	(31) 201213485007
24.02.2005	(31) 201113275561	(32) 31.05.2012
(22) 30.07.2004	(32) 18.10.2011	(33) United States of America
(54) SYRINGE HAVING A MULTI-BEVEL	(33) United States of America	(51) B25C 1/04
NEEDLE	(51) B25B 21/02	B25C 1/06
(73) Becton, Dickinson and Company	B25B 23/14	(11) EP3237150
(72) PRAIS, A., Wesley	B25D 11/06	(21) EP14908688.6
BORIN, Eric	(11) EP3031579	(47) 30.01.2019
VEDRINE, Lionel	(21) EP15198103.2	(87) CN2014094587
(31) 634567	(47) 30.01.2019	30.06.2016
(32) 05.08.2003	(22) 04.12.2015	(22) 23.12.2014
(33) United States of America	(54) DRILL	(54) DRIVE BLADE LUBRICATION
(51) B24B 23/00	(73) Black & Decker, Inc.	ASSEMBLY AND POWERED FASTENER
B25F 5/00	(72) Rompel, Markus	DRIVER CONTAINING THE SAME
(11) EP2251149	Gottschling, Rafael	(73) Techtronic Industries Company Limited
(21) EP10159965.2	(31) 201421576	(72) CHEN, Xingxing
(47) 23.01.2019	(32) 04.12.2014	ZHOU, Jingfeng
(22) 15.04.2010	(33) United Kingdom	MA, Liguó
(54) Hand tool machine, in particular electric hand	(51) B25B 21/02	ZHOU, Jinlin
tool	B25D 11/06	(51) B25C 1/18
(73) Robert Bosch GmbH	B25B 23/14	(11) EP3129190
(72) Schadow, Joachim	(11) EP3031580	(21) EP15741876.5
Maute, Joerg	(21) EP15198106.5	(47) 30.01.2019
Lutz, Manfred	(47) 30.01.2019	(87) EP2015057020
(31) 102009002972	(22) 04.12.2015	15.10.2015
(32) 11.05.2009	(54) DRILL	(22) 31.03.2015
(33) Germany	(73) Black & Decker, Inc.	(54) METHOD FOR OPERATING A HAND-
(51) B24B 37/04	(72) Rompel, Markus	HELD OR SEMI- STATIONARY SETTING
B24D 3/32	Gottschling, Rafael	DEVICE AND CORRESPONDING
B24D 13/12	(31) 201421577	DEVICE
(11) EP1915233	(32) 04.12.2014	(73) Hilti Aktiengesellschaft
(21) EP06760366.2		

(72) SPRENGER, Markus BRUGGMUELLER, Peter KELLER, Julian	(22) 19.06.2014	(51) B25F 5/00
(31) 14163966	(54) HAND-HELD JACKHAMMER HOLDER AND METHOD FOR FLOOR CHIPPING	H02J 7/00
(32) 09.04.2014	(73) RNP Industries Inc.	G01R 31/36
(33) European Patent Office (EPO)	(72) MORISSETTE, Danny	H01M 10/44
(51) B25D 17/04	SMITH, Erick	H02P 7/29
B25F 5/00	(31) 201361840130 P	(11) EP2375542
(11) EP2898993	(32) 27.06.2013	(21) EP11161580.3
(21) EP14194752.3	(33) United States of America	(47) 30.01.2019
(47) 30.01.2019	(51) B25F 3/00	(22) 07.04.2011
(22) 25.11.2014	(11) EP3178613	(54) POWER TOOL SYSTEM
(54) POWER TOOL	(21) EP16200850.2	(73) Black & Decker Inc.
(73) Black & Decker Inc.	(47) 23.01.2019	(72) Forster, Michael K.
(72) Roberts, Ana-Marie	(22) 28.11.2016	Leh, Jason K.
Friedrich, Andreas	(54) ATTACHMENT FOR A HAND TOOL	Lin, Wing W.
(31) 201401091	(73) ROBERT BOSCH GMBH	(31) 321699 P
201404361	(72) Duerr, Thomas	(32) 07.04.2010
(32) 23.01.2014	Gairing, Juergen	(33) United States of America
12.03.2014	(31) 102015224447	(51) B25F 5/02
(33) United Kingdom	(32) 07.12.2015	B25F 5/00
United Kingdom	(33) Germany	(11) EP2251152
(51) B25D 17/24	(51) B25F 3/00	(21) EP10159977.7
B25D 9/14	(11) EP3261805	(47) 23.01.2019
E21B 1/00	(21) EP16707067.1	(22) 15.04.2010
F15B 21/12	(47) 23.01.2019	(54) Handheld power tool, in particular electric hand tool
F15B 11/15	(87) EP2016053913	(73) Robert Bosch GmbH
(11) EP2611579	01.09.2016	(72) Maute, Joerg
(21) EP11822207.4	(22) 25.02.2016	Esenwein, Florian
(47) 23.01.2019	(54) HAND-HELD POWER TOOL	Lutz, Manfred
(87) SE2011050898	(73) Robert Bosch GmbH	(31) 102009002982
08.03.2012	(72) BRENNENSTUHL, Jens	(32) 11.05.2009
(22) 01.07.2011	HOFFMANN-SUGLAND, Michael	(33) Germany
(54) HYDRAULIC IMPACT MECHANISM FOR USE IN EQUIPMENT FOR TREATING ROCK AND CONCRETE	MOCK, Stefan	(51) B25H 7/04
(73) Epiroc Rock Drills Aktiebolag	(31) 102015203350	B44B 5/00
(72) PETTERSSON, Maria	102016202831	(11) EP2529853
JOHANSSON, Anders	(32) 25.02.2015	(21) EP11737145.0
(31) 1000885	24.02.2016	(47) 23.01.2019
(32) 31.08.2010	(33) Germany	(87) JP2011051720
(33) Sweden	Germany	04.08.2011
(51) B25D 17/24	(51) B25F 5/00	(22) 28.01.2011
B25D 17/22	A01D 34/00	(54) MARKING METHOD AND PUNCH PRESS MACHINE WITH A MARKING TOOL
B25D 9/14	A01D 69/02	(73) Amada Company, Limited
E21B 1/38	H02P 7/06	(72) KISHIMOTO, Hiroki
(11) EP1594659	(11) EP2720526	ENDO, Shigeru
(21) EP03767848.9	(21) EP11749480.7	(31) 2010018677
(47) 23.01.2019	(47) 23.01.2019	(32) 29.01.2010
(87) FI2003000984	(87) GB2011051149	(33) Japan
22.07.2004	27.12.2012	(51) B25J 9/00
(22) 29.12.2003	(22) 20.06.2011	B25J 9/04
(54) ROCK DRILLING MACHINE AND AXIAL BEARING	(54) SPEED CONTROL FOR POWER TOOLS	B25J 19/00
(73) Sandvik Mining and Construction Oy	(73) Husqvarna AB	(11) EP3184261
(72) MUUTTONEN, Timo	(72) COATES, Neil	(21) EP16203374.0
RANTALA, Esa	(51) B25F 5/00	(47) 23.01.2019
(31) 20030016	B25F 5/02	(22) 12.12.2016
(32) 03.01.2003	(11) EP3274133	(54) MULTI-AXIS INDUSTRIAL ROBOT, IN PARTICULAR OF A SCARA TYPE
(33) Finland	(21) EP16713383.4	(73) Comau S.p.A.
(51) B25D 17/32	(47) 30.01.2019	(72) BORDEGNONI, Mr. Stefano
B28D 1/26	(87) EP2016056619	CINIELLO, Mr. Francesco
B28D 7/04	29.09.2016	(31) UB20159241
(11) EP3013534	(22) 24.03.2016	(32) 23.12.2015
(21) EP14818166.2	(54) VISIBLE MOTOR SAW HEAD LAYOUT	(33) Italy
(47) 30.01.2019	(73) Husqvarna AB	(51) B25J 9/10
(87) CA2014000509	(72) BERGQUIST, Oskar	B25J 19/00
31.12.2014	SVENNUNG, Johan	(11) EP3233391
	(31) PCT/EP2015/056614	(21) EP15820506.2
	(32) 26.03.2015	
	(33) World Intellectual Property Office (WIPO)	

(47) 30.01.2019	(11) EP3197648	(22) 22.06.2015
(87) EP2015080686 23.06.2016	(21) EP15781387.4 (47) 23.01.2019	(54) DISPOSABLE FLUID DISPENSING HAIR REMOVAL DEVICE
(22) 18.12.2015	(87) FR2015052570 31.03.2016	(73) The Gillette Company LLC
(54) LOAD-BALANCING DEVICE FOR ARTICULATED ARM, ASSOCIATED LOAD-HANDLING APPARATUS AND METHOD	(22) 26.09.2015 (54) PORTABLE CONTAINMENT DEVICE FOR MANIPULATING ORGANIC AND/OR CHEMICAL SUBSTANCES, COMPRISING REMOVABLE CONTAINMENT ENCLOSURE	(72) Shorey, Anthony William Caton, Nicola Louise (31) 14175100 (32) 30.06.2014 (33) European Patent Office (EPO)
(73) Centre National de la Recherche Scientifique (CNRS) Ecole Centrale De Nantes Institut National Des Sciences Appliquees	(73) K-Plan	(51) B26D 1/02 B23Q 1/44 B26F 3/00
(72) BRIOT, Sébastien ARAKELYAN, Vigen	(72) PARZY, Dominique PARZY, Sébastien DESMOORT, Cyril	(11) EP3247539 (21) EP15834792.2 (47) 23.01.2019 (87) FR2015053749 28.07.2016
(31) 1462980	(31) 1459155 1462085	(22) 23.12.2015
(32) 19.12.2014	(32) 26.09.2014 08.12.2014	(54) MACHINE FOR FLUID JET CUTTING WITH A DEVICE FOR MOVING A PLATE ON A PLAN
(33) France	(33) France France	(73) Hydroprocess (72) DEREIMS, Philippe (31) 1550521 (32) 22.01.2015 (33) France
(51) B25J 9/10 F16H 25/20 F16H 19/00 F16H 19/06	(51) B26B 19/04 B26B 19/38	(51) B26D 1/157 B26D 7/32
(11) EP2768635	(11) EP3238895	(11) EP3274140 (21) EP16706209.0 (47) 23.01.2019 (87) EP2016053949 29.09.2016
(21) EP12772936.6	(21) EP16167261.3 (47) 23.01.2019	(22) 25.02.2016
(47) 23.01.2019	(22) 27.04.2016	(54) METHOD AND APPARATUS WITH AN INTERLEAVING PAPER COMPRISING MEANS OF IDENTIFICATION
(87) EP2012070334 25.04.2013	(54) BLADE, SHAVER WITH A BLADE AND METHOD FOR PRODUCING A BLADE	(73) GEA Food Solutions Germany GmbH (72) KELLER, Markus (31) 102015205542 (32) 26.03.2015 (33) Germany
(22) 12.10.2012	(73) Braun GmbH (72) Erndt, Andreas Piesker, Thorsten Herzenstiel, Ines	(51) B26D 1/30 B26D 1/00 B26D 1/11 B26D 7/08 B26D 7/26
(54) ASYMMETRICAL ANTI-ROTATION DEVICE AND SCREW JACK COMPRISING SUCH A DEVICE	(51) B26B 21/22 B26B 21/40 B26B 21/44	(11) EP2082854 (21) EP09001156.0 (47) 23.01.2019 (22) 28.01.2009 (54) Separating device for food products (73) Arelmasani Holding B.V. (72) Buurma, Arend Leendert (31) 1034959 (32) 28.01.2008 (33) Netherlands
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives	(11) EP2918380 (21) EP13852552.2 (47) 30.01.2019 (87) JP2013079817 15.05.2014	(51) B26D 5/02 B26D 7/26 B29B 9/06 B29C 47/00 B29C 47/08 B29C 47/30 B29K 27/18 B26D 1/26 B26D 1/28 B26D 1/30
(72) GARREC, Philippe	(22) 05.11.2013 (54) RAZOR	(11) EP2082854 (21) EP09001156.0 (47) 23.01.2019 (22) 28.01.2009 (54) Separating device for food products (73) Arelmasani Holding B.V. (72) Buurma, Arend Leendert (31) 1034959 (32) 28.01.2008 (33) Netherlands
(31) 1159354	(51) B26B 21/44 B26B 21/52	(51) B26D 5/02 B26D 7/26 B29B 9/06 B29C 47/00 B29C 47/08 B29C 47/30 B29K 27/18 B26D 1/26 B26D 1/28 B26D 1/30
(32) 17.10.2011	(11) EP2962819 (21) EP15173132.0 (47) 30.01.2019	(22) 22.06.2015
(33) France	(22) 22.06.2015 (54) DISPOSABLE FLUID DISPENSING HAIR REMOVAL DEVICE	(72) Buurma, Arend Leendert (31) 1034959 (32) 28.01.2008 (33) Netherlands
(51) B25J 9/16	(73) Kai R & D Center Co., Ltd. (72) HABA, Daisuke (31) 2012244028 (32) 06.11.2012 (33) Japan	(51) B26D 5/02 B26D 7/26 B29B 9/06 B29C 47/00 B29C 47/08 B29C 47/30 B29K 27/18 B26D 1/26 B26D 1/28 B26D 1/30
(11) EP2883665	(51) B26B 21/44 B26B 21/52	(11) EP3036075
(21) EP14004416.5	(11) EP2962819 (21) EP15173132.0 (47) 30.01.2019	
(47) 30.01.2019	(22) 22.06.2015	
(22) 08.12.2010	(54) DISPOSABLE FLUID DISPENSING HAIR REMOVAL DEVICE	
(54) Method and device for controlling a manipulator	(73) The Gillette Company LLC (72) Shorey, Anthony William Caton, Nicola Louise Hodgson, Matthew James	
(73) KUKA Deutschland GmbH	(31) 14175104 (32) 30.06.2014 (33) European Patent Office (EPO)	
(72) Klumpp, Simon Schreiber, Günter, Dr.	(51) B26B 21/44 B26B 21/52	
(31) 102009058607	(11) EP2962818 (21) EP15173130.4 (47) 30.01.2019	
(32) 17.12.2009		
(33) Germany		
(51) B25J 15/00 B25J 15/02 B25J 15/06		
(11) EP3064325		
(21) EP16157561.8		
(47) 23.01.2019		
(22) 26.02.2016		
(54) GRIPPER FOR A ROBOT AND ASSOCIATED ROBOT		
(73) E. Braun GmbH Entwicklung und Vertrieb von technischem Zubehör		
(72) BRAUN, Andreas SCHNEIDER, Jörg		
(31) 102015102968		
(32) 02.03.2015		
(33) Germany		
(51) B25J 21/02 B01L 1/04 B08B 15/02		

- (21) EP14838612.1
(47) 30.01.2019
(87) US2014051578
26.02.2015
(22) 19.08.2014
(54) SELF-ALIGNING CUTTER HUB
ASSEMBLY FOR PELLETIZER
(73) Gala Industries, Inc.
(72) FRIDLEY, Michael A.
(31) 201361867901 P
(32) 20.08.2013
(33) United States of America
-
- (51) B26F 3/00
(11) EP3209470
(21) EP15771144.1
(47) 23.01.2019
(87) EP2015072563
28.04.2016
(22) 30.09.2015
(54) WATER JET CUTTING DEVICE
(73) Voith Patent GmbH
(72) LOHRMANN, Michael
KATHER, Daniel
MÜLLER, Malte
HERMANN, Lutz-Thomas
(31) 102014221644
(32) 24.10.2014
(33) Germany
-
- (51) B27G 13/10
B27G 13/04
B27G 13/12
(11) EP3305489
(21) EP17195745.9
(47) 30.01.2019
(22) 10.10.2017
(54) CUTTERHEAD
(73) Oertli Werkzeuge AG
(72) Ehrle, Bruno
Ostojic, Zoran
Paglione, Michael
(31) 13512016
(32) 10.10.2016
(33) Switzerland
-
- (51) B27N 1/00
B27N 3/00
(11) EP3268190
(21) EP16712254.8
(47) 23.01.2019
(87) EP2016055171
15.09.2016
(22) 10.03.2016
(54) METHOD FOR PRODUCING A WOOD
CHIP MATERIAL AND CURING AGENTS
USED THEREIN FOR AMINOPLASTS
(73) Fritz Egger GmbH & Co. OG
(72) KUNCINGER, Thomas
GIESSWEIN, Jürgen
KAISERGRUBER, Theresa
(31) 102015103511
(32) 10.03.2015
(33) Germany
-
- (51) B28B 3/02
B28B 3/12
B28B 7/34
B28B 23/00
E04F 13/08
E04F 13/14
(11) EP2762284
- (21) EP14153374.5
(47) 30.01.2019
(22) 31.01.2014
(54) A method for manufacturing cladding slabs
(73) SACMI Cooperativa Meccanici Imola
Società Cooperativa
(72) Ricci, Claudio
Acerbi, Pierugo
(31) RE20130005
(32) 01.02.2013
(33) Italy
-
- (51) B28B 7/46
(11) EP3235614
(21) EP17166604.3
(47) 23.01.2019
(22) 13.04.2017
(54) APPARATUS AND METHOD FOR
MANUFACTURING OF SINGLE-LAYER
TILES
(73) Longinotti Group S.r.l.
(72) Cipriani, Umberto
(31) UA20162714
(32) 19.04.2016
(33) Italy
-
- (51) B28D 7/04
B23Q 1/03
(11) EP3124195
(21) EP16175897.4
(47) 30.01.2019
(22) 23.06.2016
(54) METHOD FOR MACHINING LARGE-
SIZED PLATES OF GLASS, STONE,
MARBLE, OR THE LIKE, IN A
NUMERIC-CONTROL WORKSTATION
AND WORKSTATION THEREFOR
(73) Biesse S.p.A.
(72) BINDELLI, Filippo
GAUDENZI, Paolo
GENNARI, Gianluca
FRONGIA, Marco
BELLI, Marco
SCATIGNA, Rodolfo
(31) UB20152553
(32) 28.07.2015
(33) Italy
-
- (51) B29B 7/40
B29B 7/42
B29B 7/72
B29B 7/74
B29C 47/56
C08G 63/78
C08G 64/02
C08G 69/04
B29B 7/84
B29B 7/86
(11) EP3274148
(21) EP16720987.3
(47) 30.01.2019
(87) AT2016050074
29.09.2016
(22) 23.03.2016
(54) INSTALLATION AND METHOD FOR
TREATING A PLASTIC MELT
(73) Next Generation Recyclingmaschinen GmbH
(72) BEHOUN, Helmut
BRZEWOWSKY, Klaus
HEHENBERGER, David
PICHLER, Bernhard
- PICHLER, Thomas
(31) 502322015
502332015
(32) 23.03.2015
23.03.2015
(33) Austria
Austria
-
- (51) B29B 9/16
C08J 3/12
(11) EP2771159
(21) EP12778332.2
(47) 23.01.2019
(87) EP2012071005
02.05.2013
(22) 24.10.2012
(54) METHOD FOR PREPARING POLYAMIDE
GRANULES
(73) RHODIA OPERATIONS
(72) THIERRY, Jean-François
BOULANGER, Philippe
(31) 1159637
(32) 25.10.2011
(33) France
-
- (51) B29B 15/10
B29K 101/12
(11) EP2897775
(21) EP13762866.5
(47) 23.01.2019
(87) EP2013069372
27.03.2014
(22) 18.09.2013
(54) METHOD FOR MANUFACTURING
COMPOSITE MATERIALS WITH A
THERMOPLASTIC MATRIX
(73) Covestro Deutschland AG
(72) GROSSER, Ulrich
HORN, Klaus
GRIMM, Thomas
WENZ, Eckhard
(31) 12185463
(32) 21.09.2012
(33) European Patent Office (EPO)
-
- (51) B29C 33/30
B65B 9/04
B65B 47/10
B65B 57/10
B65B 47/02
B65B 59/02
B29C 51/30
(11) EP3210734
(21) EP17158246.3
(47) 23.01.2019
(22) 27.02.2017
(54) DEVICE AND METHOD FOR DEEP-
DRAWING BY MEANS OF A VARIABLE
MOULD
(73) Deutsches Institut für Lebensmitteltechnik
e.V.
(72) Hukelmann, Bernhard
(31) 102016203145
(32) 26.02.2016
(33) Germany
-
- (51) B29C 33/40
A61C 13/00
A61C 13/20
B29C 39/14
B29C 39/38
(11) EP3147095

(21) EP15187121.7	(54) MANUFACTURING METHOD OF A	(32) 19.02.2015
(47) 30.01.2019	MOLDED ARTICLE REINFORCED WITH	(33) European Patent Office (EPO)
(22) 28.09.2015	A REINFORCING ELEMENT	(51) B29C 45/16
(54) METHOD FOR THE PREPARATION OF	(73) EMS-PATENT AG	(11) EP1838511
DENTAL COMPOSITE BLOCKS	(72) Weis, Simon Bernhard	(21) EP05818703.0
(73) Coltène/Whaledent AG	Kruse, Christian	(47) 23.01.2019
(72) Kopfmann, Cornelia	Loch, Peter	(87) EP2005013278
Böhner, Ralf	(51) B29C 45/14	13.07.2006
(51) B29C 41/08	B32B 7/12	(22) 10.12.2005
B29C 41/22	B29B 13/00	(54) METHOD FOR THE PRODUCTION OF A
B29C 41/32	B32B 15/08	COMPOSITE MOLDED PART MADE OF
B29C 41/36	B32B 7/04	PLASTIC, AND USE THEREOF
F16L 11/04	H04M 1/02	(73) Covestro Deutschland AG
F16L 11/08	C25D 11/02	(72) ZÖLLNER, Olaf
(11) EP3225373	C25D 11/08	JUST, Thorsten
(21) EP17164337.2	C25D 11/24	KOHL, Winfried
(47) 30.01.2019	C25D 11/16	(31) 102004062477
(22) 31.03.2017	H05K 5/00	(32) 24.12.2004
(54) METHOD FOR PRODUCING A HOSE-	B29L 31/34	(33) Germany
SHAPED BODY	B29K 81/00	(51) B29C 45/64
(73) FKM Walzentechnik Dr. Freudenberg GmbH	B29K 705/02	B29C 49/56
(72) POPP, Eckhard Günter	(11) EP2817948	B29C 49/36
MALLUCHE, Jan	(21) EP12869214.2	B29L 22/00
FREUDENBERG, Ulrich	(47) 23.01.2019	(11) EP2977177
(31) 102016003736	(87) CN2012082029	(21) EP13878855.9
(32) 31.03.2016	29.08.2013	(47) 30.01.2019
(33) Germany	(22) 26.09.2012	(87) CN2013075024
(51) B29C 41/28	(54) SHELL, PREPARING METHOD	25.09.2014
B29C 41/24	AND APPLICATION THEREOF IN	(22) 29.04.2013
B29D 7/01	ELECTRONIC PRODUCT	(54) A SYSTEM WITH BILATERAL
C08J 5/18	(73) BYD Company Limited	CLAMPING MECHANISM FOR BOTTOM
B29C 41/38	Shenzhen BYD Auto R&D Company	DIE
B29C 41/34	Limited	(73) Jiangsu Newamstar Packaging Machinery
B29K 1/00	(72) SUN,Jian	Co., Ltd
(11) EP2439040	ZENG, Juan	(72) DONG, Hailong
(21) EP09845563.7	ZHANG, Yunxia	YANG, Xinliang
(47) 23.01.2019	CHENG, Jun	YANG, Xiaying
(87) KR2009002966	(31) 201210043628	HE, Deping
09.12.2010	(32) 24.02.2012	(31) 201310088018
(22) 04.06.2009	(33) China	(32) 19.03.2013
(54) WIDE CASTING BELT, METHOD FOR	(51) B29C 45/14	(33) China
MANUFACTURING A WIDE FILM, AND	B32B 27/08	(51) B29C 45/80
WIDE FILM	B32B 27/20	B29C 45/33
(73) Berndorf Band GmbH	B32B 27/30	B29C 45/26
(72) KIM, Hyukjun	B32B 5/16	(11) EP2950997
CHUNG, Kwangjin	B32B 7/02	(21) EP13873892.7
LEE, Cholho	B32B 25/08	(47) 30.01.2019
HWANG, Yooseock	B32B 25/14	(87) CA2013050081
CHOI, Juntae	B32B 27/18	07.08.2014
CHUNG, Kinam	B32B 27/14	(22) 01.02.2013
(51) B29C 45/00	B29K 25/00	(54) MOLDING SYSTEM HAVING AN
B60J 10/78	(11) EP3259108	ADJUSTABLE MOLD SHUT HEIGHT
(11) EP3284571	(21) EP16705161.4	(73) Husky Injection Molding Systems Ltd.
(21) EP16184300.8	(47) 23.01.2019	(72) WITZ, Jean-Christophe
(47) 30.01.2019	(87) EP2016053414	KMOCH, Sven
(22) 16.08.2016	25.08.2016	FISCH, Ralf Walter
(54) WINDOW SURROUND FOR A VEHICLE	(22) 18.02.2016	(51) B29C 47/00
AND METHOD FOR PRODUCING THE	(54) COMPONENT MADE OF	B29K 19/00
SAME.	THERMOPLASTIC COMPOSITE	B29D 30/30
(73) Magna Engineered Glass Europe S.à.r.l.	MATERIAL WITH INCREASED	B29D 30/62
(72) FEBVAY, Patrick	NOTCHED BAR IMPACT STRENGTH	B29C 47/32
(51) B29C 45/14	(73) INEOS Styrolution Group GmbH	(11) EP3112141
B29K 701/12	(72) BERNHARDT, Achim	(21) EP16175049.2
B29K 101/12	JAHNKE, Eike	(47) 23.01.2019
(11) EP3078475	BLINZLER, Marko	(22) 17.06.2016
(21) EP15162674.4	RÖTTEL, Stefan	(54) APPARATUS AND METHOD FOR
(47) 30.01.2019	NIESSNER, Norbert	FORMING AN ELASTOMERIC STRIP
(22) 07.04.2015	(31) 15155697	(73) The Goodyear Tire & Rubber Company

(72) BURG, Gary Robert DYRLUND, Christopher David	B29C 61/02 (11) EP2129508	(47) 23.01.2019 (22) 25.05.2016
(31) 201562186699 P 201562186730 P	(21) EP08706881.3 (47) 30.01.2019	(54) METHOD FOR PRODUCING AN ORIENTED POLYMER
(32) 30.06.2015 30.06.2015	(87) DE2008000260 02.10.2008	(73) Technische Universität Dortmund (72) Tiller, Jörg Christian
(33) United States of America United States of America	(22) 07.02.2008 (54) METHOD FOR BLOW MOULDING CONTAINERS	Katzenberg, Frank Höher, Robin Raidt, Thomas
(51) B29C 47/02 B29C 47/86 B29C 47/88 G02B 6/44 B29C 47/28 B29C 47/00 H01B 13/14 H01B 7/00	(73) KHS Corpoplast GmbH (72) BALKAU, Karl-Heinz RASCH, Jens-Peter MATTHIESEN, Martin GERNHUBER, Matthias HAESENDONCKX, Frank	(31) 102015108465 (32) 28.05.2015 (33) Germany
(11) EP3034267 (21) EP15198625.4 (47) 30.01.2019 (22) 30.12.2010	(31) 102007014774 (32) 28.03.2007 (33) Germany	(51) B29C 55/06 B29L 7/00 (11) EP2689914 (21) EP12761132.5 (47) 23.01.2019 (87) JP2012052825 27.09.2012
(54) PROCESS WITH A DIE ASSEMBLY HAVING A COOLED DIE LAND	(11) EP2627493 (21) EP11833379.8 (47) 23.01.2019	(22) 08.02.2012 (54) METHOD FOR STRETCHING FILM (73) Toray Industries, Inc.
(73) Dow Global Technologies LLC (72) YANG, Yongyong BROWN, Geoffrey D. MUNDRA, Manish K. LI, Bin ZHU, Journey Lu	(87) US2011056053 19.04.2012 (22) 13.10.2011 (54) STRETCH ROD SYSTEM FOR LIQUID OR HYDRAULIC BLOW MOLDING AND A METHOD	(72) KUSUNOKI, Yohei HANADA, Tetsuji KURIHARA, Tsutomu (31) 2011062747 (32) 22.03.2011 (33) Japan
(51) B29C 47/32 B29C 47/08 B29C 43/24 B29C 47/92 B29C 47/36 B29C 43/58	(73) Discma AG (72) EBERLE, Theodore, F. (31) 201113267979 393411 P (32) 07.10.2011 15.10.2010	(51) B29C 55/14 C08J 5/18 C08J 7/04 C08J 7/12 H01M 2/14 H01M 2/16 H01M 10/052
(11) EP2532505 (21) EP12170162.7 (47) 23.01.2019 (22) 31.05.2012	(33) United States of America United States of America	(11) EP3219461 (21) EP17169327.8 (47) 23.01.2019 (22) 25.11.2011
(54) Method for manufacturing raw rubber strip	(51) B29C 49/20 B29C 51/12	(54) POLYOLEFIN-BASED POROUS FILM AND METHOD FOR PRODUCING THE SAME
(73) Sumitomo Rubber Industries, Ltd. (72) Nakamura, Yoshinobu (31) 2011127573 (32) 07.06.2011 (33) Japan	(11) EP3061589 (21) EP16157475.1 (47) 30.01.2019 (22) 27.06.2006	(73) Asahi Kasei Kabushiki Kaisha (72) ITOU, Miyuki (31) 2010292573 2010292576 (32) 28.12.2010 28.12.2010 (33) Japan Japan
(51) B29C 47/86 B33Y 30/00 B29C 64/209 B29C 64/295 B29C 64/118 B29C 67/00 B29C 47/00 B29C 47/08 B29C 47/10	(54) METHOD FOR PRODUCING A FUEL TANK PROVIDED WITH INTERNAL ACCESSORIES (73) Plastic Omnium Advanced Innovation and Research (72) Criel, Bjorn Walling, Nadja Laborde, Fabrice Lemoine, Hervé	(31) 2010292573 2010292576 (32) 28.12.2010 28.12.2010 (33) Japan Japan
(11) EP3040184 (21) EP15155504.2 (47) 30.01.2019 (22) 18.02.2015	(31) 0506574 0508707 0601018 (32) 28.06.2005 24.08.2005 03.02.2006	(51) B29C 55/18 B29L 7/00 (11) EP2275246 (21) EP09735493.0 (47) 30.01.2019 (87) JP2009058211 29.10.2009 (22) 24.04.2009
(54) Three-dimensional printing head	(33) France France France	(54) PLASTIC FILM DRAWING DEVICE (73) Totani Corporation (72) TOTANI, Mikio
(73) Kinpo Electronics, Inc. XYZPRINTING INC. Cal-Comp Electronics & Communications Company Limited	(51) B29C 55/00 B29C 55/06 B29K 23/00 B29K 67/00 B29K 77/00	(31) 2008114341 (32) 24.04.2008 (33) Japan
(72) Lee, Yang-Teh Tang, Yi-Chin (31) 201510001875 (32) 05.01.2015 (33) China	(11) EP3098059 (21) EP16171250.0	(51) B29C 63/00 B27D 5/00 B27G 11/00 (11) EP2332718
(51) B29C 49/06		

(21) EP10193447.9	(54) STEREOGRAPHY MACHINE	B29C 65/26
(47) 23.01.2019	WITH FACILITATED INITIALIZATION	B29C 65/30
(22) 02.12.2010	(73) DWS S.R.L.	B29K 23/00
(54) 5-axis processing centre with gluing body	(72) BUSATO, Renzo	B29K 101/12
(73) HOMAG GmbH	(31) VI20140333	B29K 105/06
(72) Amos, Hartmut	(32) 23.12.2014	B29K 305/12
(31) 202009016509 U	(33) Italy	B29K 309/08
(32) 04.12.2009	(51) B29C 65/00	(11) EP2921284
(33) Germany	B64C 1/06	(21) EP15000885.2
(51) B29C 64/00	F16B 5/01	(47) 30.01.2019
B29C 67/00	F16B 11/00	(22) 11.12.2008
B33Y 30/00	G01N 3/08	(54) SYSTEM FOR PLACING A RESISTIVE
B65G 65/38	G01L 5/00	IMPLANT FOR WELDING ASSEMBLIES
B22F 3/105	(11) EP2909004	OF PLASTIC COMPONENTS
G01F 11/10	(21) EP12775017.2	(73) MAGNA INTERNATIONAL INC
B65D 83/06	(47) 23.01.2019	(72) Grgac, Steven
B65G 65/48	(87) EP2012070549	Armstrong, Bradford D.
(11) EP3263313	24.04.2014	Luckwell, Bruce
(21) EP17179082.7	(22) 17.10.2012	(31) 8110
(47) 30.01.2019	(54) METHOD AND SYSTEM FOR	(32) 17.12.2007
(22) 30.06.2017	INSERTING AN INSERT ELEMENT IN A	(33) United States of America
(54) LASER 3D PRINTER	PANEL	(51) B29C 65/74
(73) 3D4MEC SRL	(73) RUAG Schweiz AG	B29C 65/18
(72) Corsini, Giuseppe	(72) KÖGL, Stefan	B29C 65/30
Carloni, Gabriele	(51) B29C 65/08	B65B 61/10
(31) 201600068843	A61F 13/15	B65B 61/04
(32) 01.07.2016	A61F 13/49	B65B 51/24
(33) Italy	B29C 65/78	B26F 3/08
(51) B29C 64/106	B29L 31/48	B65B 51/30
(11) EP3227090	(11) EP3092995	B29C 65/00
(21) EP15819873.9	(21) EP14877653.7	(11) EP3219466
(47) 30.01.2019	(47) 30.01.2019	(21) EP17160003.4
(87) IB2015059261	(87) JP2014077104	(47) 23.01.2019
09.06.2016	16.07.2015	(22) 09.03.2017
(22) 01.12.2015	(22) 09.10.2014	(54) DEVICE AND PROCESS FOR SEVERING
(54) RAPID NOZZLE COOLING FOR	(54) ULTRASONIC WELDING APPARATUS	PLASTIC FOILS
ADDITIVE MANUFACTURING	AND ULTRASONIC WELDING METHOD	(73) AFC Air Filtration & Containment GmbH
(73) SABIC Global Technologies B.V.	OF SHEET-LIKE MEMBER ASSOCIATED	(72) Sadeghi, Ali Mohammad
(72) ROVIARO, John	WITH ABSORBENT ARTICLE	Mohari, Stefan Arpad
HOCKER, Thomas	(73) Unicharm Corporation	(31) 102016003097
(31) 201462085849 P	(72) YAMAMOTO, Hiroki	(32) 15.03.2016
(32) 01.12.2014	MATSUMOTO, Yoshihiko	(33) Germany
(33) United States of America	(31) 2014002986	(51) B29C 67/00
(51) B29C 64/112	(32) 10.01.2014	(11) EP3112136
B29C 64/386	(33) Japan	(21) EP16173582.4
(11) EP3034179	(51) B29C 65/14	(47) 30.01.2019
(21) EP15195800.6	A46B 3/06	(22) 08.06.2016
(47) 30.01.2019	A46D 3/04	(54) APPARATUS FOR FABRICATING
(22) 23.11.2015	B29L 31/42	THREE-DIMENSIONAL OBJECT
(54) METHOD OF MANUFACTURING A	B29C 65/60	(73) Ricoh Company, Ltd.
THREE-DIMENSIONAL OBJECT	(11) EP2886009	(72) PARK, Soyoun
(73) Lite-On Technology Corporation	(21) EP14196744.8	ONO, Yasukazu
Guangzhou Lite-On Mobile Electronic	(47) 30.01.2019	(31) 2015119524
Components Co.	(22) 08.12.2014	2015206322
(72) DAVIES, Stuart	(54) DEVICE FOR FUSING THE ENDS OF	(32) 12.06.2015
ZHAO, Ze-Yan	THERMOPLASTIC FILAMENTS AND	20.10.2015
(31) 201410778629	CORRESPONDING METHOD	(33) Japan
(32) 15.12.2014	(73) The Gillette Company LLC	Japan
(33) China	(72) Ganninger, Jochen	(51) B29C 70/34
(51) B29C 64/124	Chiu, Jiawei	B60B 5/02
B29C 64/40	Herzog, Karl	B29L 31/32
(11) EP3237180	(31) 13198128	(11) EP2788175
(21) EP15830859.3	(32) 18.12.2013	(21) EP12797861.7
(47) 23.01.2019	(33) European Patent Office (EPO)	(47) 23.01.2019
(87) IB2015059882	(51) B29C 65/34	(87) EP2012074187
30.06.2016	B29C 65/44	13.06.2013
(22) 22.12.2015	B29C 70/82	(22) 03.12.2012
	B29C 65/18	

- (54) FIBER COMPOSITE RIM BASE COMPRISING AN INTEGRATED FLANGE, AND METHOD FOR THE PRODUCTION THEREOF
(73) ThyssenKrupp Carbon Components GmbH
(72) WERNER, Jens
KÖHLER, Christian
BARTSCH, André
MÄKE, Sandro
DREBLER, Michael
LEPPER, Martin
HUFENBACH, Werner
(31) 102011087921
(32) 07.12.2011
(33) Germany
(51) B29C 70/38
B29C 31/06
B29K 105/08
(11) EP2311627
(21) EP10181617.1
(47) 23.01.2019
(22) 02.03.2006
(54) Fiber application machine
(73) Coriolis Group
(72) Hamlyn, Alexander
Hardy, Yvan
(31) 0502134
(32) 03.03.2005
(33) France
(51) B29C 70/38
B29C 70/54
B29D 99/00
(11) EP3067187
(21) EP16154688.2
(47) 30.01.2019
(22) 08.02.2016
(54) APPARATUS AND METHOD FOR AUTOMATED LAYUP OF COMPOSITE STRUCTURES
(73) The Boeing Company
(72) DESJARDIEN, Matthew R.
RAFFERTY, Blake
KARAS, Michael
BUNKER, Mark S.
LUND, Erik
HANSON, Garrett C.
HOLLEY, Stephen G.
LEE, Benjamin B.
O'CONNELL, John D.
MORRIS, John D.
FLOLID, Derek J.
HOWARD, Bruce S.
BOBERG, Mark C.
WALKER, Eric J.
STUDLEY, Silas L.
WILLIS, Derek
(31) 201514656424
(32) 12.03.2015
(33) United States of America
(51) B29C 70/44
B29C 70/54
B29C 70/34
B29C 43/12
(11) EP3296087
(21) EP17190362.8
(47) 30.01.2019
(22) 11.09.2017
- (54) METHOD FOR MANUFACTURING A PART MADE OF COMPOSITE MATERIAL
(73) Airbus Operations S.A.S.
(72) MORICET, Philippe
PRIDIE, Jago
(31) 1658812
(32) 20.09.2016
(33) France
(51) B29C 70/86
B29C 70/32
B29C 70/08
B62D 29/04
(11) EP2655047
(21) EP11796985.7
(47) 30.01.2019
(87) EP2011072394
28.06.2012
(22) 12.12.2011
(54) PASSENGER CELL WITH A HOLLOW POSITIVE SHAPE AND AN OUTER COVERING MADE OF FIBRE REINFORCED PLASTIC, AND PRODUCTION THEREOF
(73) MAGNA STEYR Fahrzeugtechnik AG & Co
KG
(72) ERLACHER, Manuel
ZACHNEGGER, Harald
(31) 201061425902 P
102011114387
(32) 22.12.2010
24.09.2011
(33) United States of America
Germany
(51) B29D 11/00
B29C 35/08
B29C 39/00
B29C 39/26
B29L 11/00
(11) EP3233450
(21) EP15823069.8
(47) 30.01.2019
(87) US2015065994
23.06.2016
(22) 16.12.2015
(54) REUSABLE LENS MOLDS AND METHODS OF USE THEREOF
(73) Novartis AG
(72) LIU, Alice Weimin
(31) 201462092891 P
(32) 17.12.2014
(33) United States of America
(51) B29D 30/00
B29D 30/68
B29D 30/52
B29D 30/06
B60C 11/00
B60C 11/12
(11) EP2632702
(21) EP11836771.3
(47) 23.01.2019
(87) US2011029580
03.05.2012
(22) 23.03.2011
(54) A TIRE TREAD WITH APERTURES AND A METHOD FOR THE MANUFACTURE OF A TIRE TREAD WITH APERTURES
- (73) Compagnie Générale des Etablissements Michelin
(72) CHRISTENBURY, Damon, Lee
REY, Daniel
(31) PCT/US2010/054227
(32) 27.10.2010
(33) World Intellectual Property Office (WIPO)
(51) B29D 30/06
B29D 30/48
B29C 43/22
B29C 47/88
B29D 30/44
(11) EP2633984
(21) EP11835960.3
(47) 23.01.2019
(87) JP2011070830
03.05.2012
(22) 13.09.2011
(54) MOLDING DEVICE AND MOLDING METHOD FOR TIRE COMPONENT
(73) Bridgestone Corporation
(72) KIMIYA, Yosuke
TAKIZAWA, Jun
(31) 2010241239
(32) 27.10.2010
(33) Japan
(51) B29L 23/00
F16L 58/10
F16L 55/165
B29C 63/46
B29C 63/34
(11) EP3212984
(21) EP15784102.4
(47) 23.01.2019
(87) GB2015053002
06.05.2016
(22) 13.10.2015
(54) METHOD OF LINING A TUBULAR STRUCTURE
(73) Radius Systems Limited
(72) MUCKLE, Derek
(31) 201419246
(32) 29.10.2014
(33) United Kingdom
(51) B31B 50/07
B31B 50/36
B31B 50/58
B31B 100/00
B31B 110/35
(11) EP3064343
(21) EP15157205.4
(47) 30.01.2019
(22) 02.03.2015
(54) A FOLDING APPARATUS FOR FOLDING SHEET PACKAGING ELEMENTS
(73) Tetra Laval Holdings & Finance S.A.
(72) Morselli, Alessandro
Davidson, Mark W
Coulomb, Mathias N
Johnson, Roy A
Alexander, Joshua
(51) B32B 1/08
B32B 27/34
B60K 15/01
C08G 69/02
C08L 23/00
C08L 77/06
F16L 11/04

B32B 27/22	B32B 15/20	(21) EP16711068.3
B32B 27/30	B32B 37/12	(47) 30.01.2019
B32B 27/32	B32B 37/24	(87) US2016020196
F02M 37/00	B05D 1/00	09.09.2016
B29C 47/00	(11) EP3272514	(22) 01.03.2016
B29L 23/00	(21) EP16765305.4	(54) STRETCH LAMINATES
B29K 23/00	(47) 30.01.2019	(73) The Procter & Gamble Company
B32B 27/08	(87) KR2016002811	(72) LINDNER, Torsten
B29K 79/00	22.09.2016	MORAND, Matthias
B29C 47/06	(22) 21.03.2016	TURNERI, Robert, Haines
(11) EP3192650	(54) SANDWICH PANEL AND METHOD FOR	REZAI, Ebrahim
(21) EP15839705.9	MANUFACTURING SAME	HAMM, Marc
(47) 23.01.2019	(73) LG Hausys, Ltd.	CHEN, Jinyu
(87) JP2015075856	(72) LIM, Ji-Won	HU, Yuhong
17.03.2016	KIM, Dong-Eung	SWAIN, Andy
(22) 11.09.2015	RHO, Sang-Hyun	THATCHER, Jennifer
(54) LAYERED TUBE	(31) 20150037923	(31) 201562126905 P
(73) UBE Industries, Ltd.	(32) 19.03.2015	(32) 02.03.2015
(72) NAKAMURA, Koji	(33) Korea (Republic)	(33) United States of America
ABE, Takeru	(51) B32B 3/30	(51) B32B 5/26
FUJII, Hiroaki	B32B 27/06	A47L 13/16
(31) 2014185784	B32B 27/32	A47L 13/38
2014185787	B32B 27/36	A47L 13/42
(32) 12.09.2014	E04B 9/04	A47L 13/46
12.09.2014	(11) EP2621718	B32B 5/02
(33) Japan	(21) EP11770245.6	D06C 15/02
Japan	(47) 23.01.2019	A47L 13/20
(51) B32B 3/00	(87) US2011053400	B32B 37/10
B32B 3/30	05.04.2012	D04H 3/005
G02B 5/12	(22) 27.09.2011	D04H 3/08
(11) EP2558290	(54) PANELS FOR THE INTERIOR SURFACES	D04H 3/14
(21) EP10849975.7	OF BUILDINGS	D06C 23/04
(47) 23.01.2019	(73) USG Interiors, LLC	B29C 65/00
(87) US2010031298	(72) YU, Qing	B32B 37/00
20.10.2011	PALM, Gregory	(11) EP3225392
(22) 15.04.2010	(31) 893179	(21) EP14907155.7
(54) RETROREFLECTIVE ARTICLES	(32) 29.09.2010	(47) 30.01.2019
INCLUDING OPTICALLY ACTIVE	(33) United States of America	(87) JP2014081625
AREAS AND OPTICALLY INACTIVE	(51) B32B 5/02	02.06.2016
AREAS	B32B 5/06	(22) 28.11.2014
(73) 3M Innovative Properties Company	B32B 5/26	(54) METHOD FOR FORMING CRIMPED
(72) SMITH, Kenneth L.	B32B 7/02	PARTS IN CONTINUOUS BODY OF WEB
FREE, Michael Benton	B32B 7/06	MEMBER HAVING FIBER BUNDLES,
THAKKAR, Bimal V.	B32B 3/30	AND FORMATION DEVICE
CHIU, Raymond, C.	D03D 11/00	(73) Unicharm Corporation
(51) B32B 3/10	A63B 6/00	(72) HOSHIKA, Kazuhiko
B44C 1/16	A63B 21/00	ISHIKAWA, Yoshihide
(11) EP2282888	(11) EP3288754	NOBUKUNI, Hisaoki
(21) EP09751353.5	(21) EP16735717.7	(51) B32B 5/30
(47) 30.01.2019	(47) 23.01.2019	A41D 31/00
(87) US2009044479	(87) IN2016000108	A41D 13/00
26.11.2009	03.11.2016	A62B 17/00
(22) 19.05.2009	(22) 28.04.2016	A62B 23/00
(54) CUSTOMIZABLE ARTICLES AND	(54) A FABRIC ARTICLE	A62D 5/00
METHOD OF CUSTOMIZATION	(73) Kalati, Ritesh	B32B 7/14
(73) NIKE Innovate C.V.	(72) Kalati, Ritesh	B32B 33/00
(72) LANGVIN, Elizabeth	(31) 1693MU2015	C09J 5/08
JONES, David, P.	(32) 28.04.2015	(11) EP3297823
(31) 123208	(33) India	(21) EP16725059.6
(32) 19.05.2008	(51) B32B 5/02	(47) 23.01.2019
(33) United States of America	B32B 7/02	(87) EP2016060688
(51) B32B 3/12	B32B 7/12	02.02.2017
B32B 5/10	B32B 25/08	(22) 12.05.2016
B32B 7/12	B32B 25/10	(54) TEXTILE PROTECTIVE MATERIAL
B32B 5/08	B32B 27/08	OF A NEW TYPE AND METHOD FOR
B32B 15/04	B32B 27/12	PRODUCING SAME
B32B 15/16	B32B 27/32	(73) Blücher GmbH
B32B 15/18	(11) EP3265307	(72) BOEHRINGER, Bertram

CARSTENSEN, Anna	B32B 38/00	(47) 30.01.2019
NGUYEN, Cong Minh	B64C 1/12	(87) US2015051593
(31) 102015009687	B29K 705/00	07.04.2016
102015112381	(11) EP3263328	(22) 23.09.2015
102015113213	(21) EP17178154.5	(54) MULTIPLE LAYER INTERLAYER
(32) 25.07.2015	(47) 30.01.2019	RESISTING DEFECT FORMATION
29.07.2015	(22) 27.06.2017	(73) Solutia Inc.
11.08.2015	(54) METHOD FOR MANUFACTURING A	(72) LU, Jun
(33) Germany	PANEL WITH A DOUBLER	(31) 201414505247
Germany	(73) Fokker Aerostructures B.V.	(32) 02.10.2014
Germany	(72) Rajabali, Abdoel faziel	(33) United States of America
(51) B32B 7/12	Tamis, Pim	(51) B32B 18/00
B32B 15/08	(31) 2017062	C04B 35/71
B32B 27/08	(32) 28.06.2016	C04B 35/80
B32B 27/18	(33) Netherlands	C04B 35/83
B32B 29/00	(51) B32B 17/06	C04B 37/00
B32B 27/10	(11) EP3224045	(11) EP3233481
C09J 7/00	(21) EP15800794.8	(21) EP15828765.6
B65D 81/00	(47) 23.01.2019	(47) 30.01.2019
B65D 65/00	(87) EP2015077505	(87) IB2015059688
(11) EP2986450	02.06.2016	23.06.2016
(21) EP14721790.5	(22) 24.11.2015	(22) 16.12.2015
(47) 30.01.2019	(54) TRANSPARENT HEAT PROTECTION	(54) A METHOD TO MANUFACTURE
(87) EP2014057882	ELEMENT	AN ARTICLE OF A FIBER MADE
23.10.2014	(73) Saint-Gobain Glass France	REINFORCED THERMOSTRUCTURAL
(22) 17.04.2014	(72) GELDERIE, Udo	COMPOSITE
(54) MULTILAYER ASSEMBLY	SCHWANKHAUS, Norbert	(73) Agenzia Nazionale Per Le Nuove
(73) Goglio S.p.A.	TE STRAKE, David	Tecnologie, L'Energia E Lo Sviluppo
(72) BOSETTI, Osvaldo	(31) 14194499	Economico Sostenibile (ENEA)
FEDELI, Mauro	(32) 24.11.2014	(72) MINGAZZINI, Claudio
NERIN DE LA PUERTA, M.C. Cristina	(33) European Patent Office (EPO)	BEDESCHI, Andrea
CARRIZO, Daniel	(51) B32B 17/10	(31) RM20140726
(31) 13164045	B32B 7/06	(32) 16.12.2014
MI20130623	B32B 15/088	(33) Italy
(32) 17.04.2013	B32B 18/00	(51) B32B 27/08
17.04.2013	(11) EP3117993	B32B 27/16
(33) European Patent Office (EPO)	(21) EP16001684.6	B32B 27/30
Italy	(47) 30.01.2019	B32B 27/32
(51) B32B 15/00	(22) 16.12.2009	B32B 27/34
B32B 17/00	(54) LAMINATED BODY, MANUFACTURING	(11) EP3277497
(11) EP2125361	METHOD THEREOF, AND LAMINATED	(21) EP16717509.0
(21) EP07870067.1	CIRCUIT BOARD	(47) 23.01.2019
(47) 23.01.2019	(73) Toyobo Co., Ltd.	(87) US2016025112
(87) US2007089095	(72) OKUYAMA, Tetsuo	06.10.2016
10.07.2008	WAKUI, Hiroyuki	(22) 31.03.2016
(22) 28.12.2007	YOSHIDA, Takehumi	(54) MULTILAYER SHRINK FILM WITH
(54) NUCLEATION LAYER FOR THIN FILM	TSUTSUMI, Masayuki	SCISSION LAYER
METAL LAYER FORMATION	OKAMOTO, Jun	(73) Clysar LLC
(73) 3M Innovative Properties Company	TSUTSIYA, Toshiyuki	(72) SHI, Guangda
(72) STOSS, Walter,	MAEDA, Satoshi	BORMANN, Kurt
BRIGHT, Clark, I.	(31) 2008323766	(31) 201562142305 P
(31) 882389 P	2009090997	(32) 02.04.2015
(32) 28.12.2006	2009107489	(33) United States of America
(33) United States of America	(32) 19.12.2008	(51) B32B 27/08
(51) B32B 15/08	03.04.2009	B65D 65/40
B32B 15/14	27.04.2009	B32B 15/08
B32B 15/20	(33) Japan	B32B 27/32
B32B 7/12	Japan	B32B 7/02
B32B 3/02	Japan	B32B 27/18
B32B 3/06	(51) B32B 17/10	B32B 27/30
B32B 3/26	B32B 27/08	B32B 27/34
B32B 3/10	B32B 7/02	(11) EP3210776
B29C 65/56	B32B 27/22	(21) EP17164832.2
B29C 70/44	B32B 27/30	(47) 23.01.2019
B29C 70/86	B32B 27/36	(22) 09.05.2014
B32B 15/04	B32B 27/42	(54) MULTILAYER STRUCTURE HAVING
B29D 99/00	(11) EP3200994	LIQUID LAYER ON SURFACE
B32B 37/12	(21) EP15846943.7	(73) Toyo Seikan Group Holdings, Ltd.

(72) AKUTSU, Yosuke IWAMOTO, Shinya HORIUCHI, Shigetoshi	(32) 28.04.2010 (33) Japan	B41F 9/02 (11) EP3072689 (21) EP16162040.6
(31) 2013109059 (32) 23.05.2013 (33) Japan	(51) B32B 37/00 B32B 38/00 B32B 27/08 B32B 27/40 B32B 27/22 B32B 27/28 B32B 27/36 B32B 38/18 B32B 37/24 B32B 37/26 B32B 7/12	(21) EP16162040.6 (47) 23.01.2019 (22) 23.03.2016 (54) ROTARY PRINTING MACHINE WITH DEVICES FOR REDUCING CHARGING OF PRINT SUBSTRATE
(51) B32B 27/30 B32B 25/08 B32B 7/04 B32B 25/00 B32B 25/04 B32B 25/14 B32B 25/16 B32B 27/00 B32B 27/06 B32B 27/18 B32B 27/26 B32B 27/32 B32B 1/08 C08K 5/00	(11) EP3237199 (21) EP15826100.8 (47) 30.01.2019 (87) US2015067076 30.06.2016 (22) 21.12.2015 (54) FILM AND DECORATIVE FILM CAPABLE OF COVERING ARTICLE HAVING THREE-DIMENSIONAL SHAPE BY HEAT EXPANSION	(73) Dettke, Hubertus Dettke, Christa Dettke, Christoph (72) Dettke, Hubertus Dettke, Christoph Dettke, Christa (31) 202015101468 U (32) 23.03.2015 (33) Germany
(11) EP2653308 (21) EP11849573.8 (47) 30.01.2019 (87) JP2011077821 21.06.2012 (22) 01.12.2011 (54) LAMINATE (73) Daikin Industries, Ltd. (72) MASUI, Toshiaki KUWAJIMA, Yuuki ONO, Tsuyoshi INABA, Takeshi	(73) 3M Innovative Properties Company (72) TAKAMATSU, Yorinobu NAKAYAMA, Akihiko YASUDA, Daigo KAWAGOE, Minoru	(51) B41F 13/00 B41F 13/12 B41F 13/14 B41F 13/34 B41F 13/36 B41F 19/00
(31) 2010279423 (32) 15.12.2010 (33) Japan	(31) 2014261370 (32) 24.12.2014 (33) Japan	(11) EP3272535 (21) EP17177078.7 (47) 23.01.2019 (22) 21.06.2017 (54) WEB PRINTING MACHINE PROVIDED WITH OPERATING AND SUPPORTING MODULES
(51) B32B 27/32 B65D 75/00 B65D 81/00	(51) B32B 37/14 B32B 33/00 B32B 5/18 C08J 9/36 B29C 47/00	(73) Gallus Druckmaschinen GmbH (72) Bangel, Dieter (31) 102016213438 (32) 22.07.2016 (33) Germany
(11) EP3280591 (21) EP16717111.5 (47) 23.01.2019 (87) EP2016057477 13.10.2016 (22) 06.04.2016 (54) MACHINE DIRECTION ORIENTED MULTILAYER CAST FILM (73) Borealis AG (72) NIEDERSÜSS, Peter DEFOER, Johan	(11) EP3202828 (21) EP15846419.8 (47) 30.01.2019 (87) JP2015076329 07.04.2016 (22) 16.09.2015 (54) METHOD FOR PRODUCING RESIN COMPOSITE (73) Sekisui Plastics Co., Ltd. (72) KUWABARA, Yusuke HITOMI, Kazutoshi	(51) B41F 15/44 B41F 15/46 B41F 15/08 (11) EP3174715 (21) EP15753251.6 (47) 30.01.2019 (87) US2015043114 04.02.2016 (22) 31.07.2015 (54) SCREEN PRINTING METHOD (73) Corning Incorporated (72) CEMPA, Matthew John DAIGLER, Christopher Paul LASKOWSKI, Christina Marie MASLIN, Kevin R. STEWART, Jason Scott
(31) 15163093 (32) 10.04.2015 (33) European Patent Office (EPO)	(31) 2014198419 (32) 29.09.2014 (33) Japan	(31) 201462032125 P 201462032156 P 201462032138 P
(51) B32B 27/36 C08J 7/04 C09D 5/24 C09D 175/04	(51) B32B 38/06 B32B 37/10 B32B 23/00 E04F 15/10 A47B 96/20	(32) 01.08.2014 01.08.2014 01.08.2014
(11) EP2565034 (21) EP11774777.4 (47) 23.01.2019 (87) JP2011058795 03.11.2011 (22) 07.04.2011 (54) LAMINATED POLYESTER FILM (73) Mitsubishi Chemical Corporation (72) HIRAKI, Toshihiro KODA, Toshihiro FUJITA, Masato	(11) EP3159166 (21) EP16194091.1 (47) 30.01.2019 (22) 17.10.2016 (54) DECORATIVE LAMINATE MADE OF RESIN IMPREGNATED PAPER AND ITS PRODUCTION (73) Fritz Egger GmbH & Co. OG (72) Monhoff, Klaus	(33) United States of America United States of America United States of America
(31) 2010104145	(51) B41F 9/00	(51) B41F 33/00 B41F 33/02 B41F 33/16 B41F 13/54 B42C 19/08 B65H 43/04 (11) EP3251852 (21) EP17000753.8

(47) 30.01.2019	(33) Japan	ANDERSON, Daryl E.
(22) 03.05.2017	(51) B41J 2/165	(51) B41J 2/175
(54) METHOD AND DEVICE FOR FURTHER PROCESSING OF PRINTED PRODUCTS	(11) EP2572884	B41J 2/14
(73) Müller Martini Holding AG	(21) EP12185529.0	(11) EP3184310
(72) Kache, Gerd	(47) 30.01.2019	(21) EP16205008.2
Winkelmann, Stefan	(22) 21.09.2012	(47) 23.01.2019
(31) 102016006377	(54) PRINTER AND PRINTING HEAD MOVING MECHANISM	(22) 19.12.2016
(32) 30.05.2016	(73) Seiko Epson Corporation	(54) LIQUID CONTAINER MEMBER
(33) Germany	(72) Ishida, Tetsugo	(73) Seiko Epson Corporation
(51) B41F 33/00	Inoue, Ken	(72) Kawate, Hiroyuki
B42C 1/10	(31) 2011207189	Yamaguchi, Manabu
B41F 13/46	(32) 22.09.2011	Mizutani, Tadahiho
G06F 3/12	(33) Japan	Ozawa, Takuma
(11) EP3064354	(51) B41J 2/17	Oya, Satoshi
(21) EP16154167.7	B41J 3/407	Ozeki, Hiroyoshi
(47) 23.01.2019	(11) EP2698256	(31) 2015248585
(22) 04.02.2016	(21) EP13176464.9	(32) 21.12.2015
(54) METHOD AND PRODUCTION DEVICE FOR PRODUCING PERSONALISED PRINTING END PRODUCTS	(47) 23.01.2019	(33) Japan
(73) Ferag AG	(22) 15.07.2013	(51) B41J 2/175
(72) GALLATI, Rudolf	(54) Printing device, print head for same and method for extraction of printing ink	B41J 29/377
(31) 2762015	(73) Kronos Aktiengesellschaft	(11) EP2849950
(32) 02.03.2015	(72) Kraus, Andreas	(21) EP12880502.5
(33) Switzerland	Sonnauer, Andreas	(47) 23.01.2019
(51) B41J 2/045	Peutl, August	(87) US2012045409
(11) EP3225399	Fischer, Thomas	09.01.2014
(21) EP17163682.2	(31) 102012214349	(22) 03.07.2012
(47) 23.01.2019	(32) 13.08.2012	(54) PRINT HEAD MODULE
(22) 29.03.2017	(33) Germany	(73) Hewlett-Packard Development Company, L.P.
(54) PRINTING APPARATUS	(51) B41J 2/175	(72) STATHEM, Ralph L.
(73) BROTHER KOGYO KABUSHIKI KAISHA	(11) EP2689931	STONAS, Beverly Asoo
(72) HATTA, Fumika	(21) EP13177574.4	VASUDEVAN, Sundar
(31) 2016069116	(47) 23.01.2019	SHALA, Frank
(32) 30.03.2016	(22) 23.07.2013	FOSTER, Ernest
(33) Japan	(54) Method for injecting printing material, injection kit, and injection device	(51) B41J 2/175
(51) B41J 2/045	(73) Seiko Epson Corporation	B41J 29/38
B41J 2/055	(72) Nozawa, Izumi	(11) EP2756955
B41J 2/14	Kobayashi, Atsushi	(21) EP12831492.9
B41J 2/155	Mizutani, Tadahiho	(47) 23.01.2019
(11) EP2832543	Kodama, Hidetoshi	(87) JP2012005790
(21) EP12872549.6	Nakamura, Hiroyuki	21.03.2013
(47) 23.01.2019	(31) 2012162705	(22) 12.09.2012
(87) JP2012058573	2012162233	(54) LIQUID DISCHARGE DEVICE AND LIQUID TRANSPORT METHOD
03.10.2013	2012191386	(73) Seiko Epson Corporation
(22) 30.03.2012	(32) 23.07.2012	(72) IWATA, Yuji
(54) LIQUID-DISCHARGING HEAD AND RECORDING DEVICE USING SAME	23.07.2012	(31) 2011200958
(73) Kyocera Corporation	31.08.2012	(32) 14.09.2011
(72) KOBAYASHI, Naoki	(33) Japan	(33) Japan
IKEUCHI, Wataru	Japan	(51) B41J 2/21
YOSHIMURA, Kenichi	Japan	B41J 2/045
(51) B41J 2/14	(51) B41J 2/175	G06K 15/10
(11) EP3199354	B41J 2/045	(11) EP3263348
(21) EP16768702.9	B41J 2/14	(21) EP17165393.4
(47) 23.01.2019	(11) EP2729309	(47) 30.01.2019
(87) JP2016058784	(21) EP11874814.4	(22) 07.04.2017
29.09.2016	(47) 30.01.2019	(54) PRESSURE NOZZLE COMPENSATION BY MEANS OF DIVERGENT PRESSURE NOZZLES
(22) 18.03.2016	(87) US2011057509	(73) Heidelberger Druckmaschinen AG
(54) LIQUID DISCHARGING HEAD AND RECORDING DEVICE	02.05.2013	(72) Köhler, Hans
(73) Kyocera Corporation	(22) 24.10.2011	Tita, Ralf
(72) KOBAYASHI, Naoki	(54) INKJET PRINTING SYSTEM, FLUID EJECTION SYSTEM, AND METHOD THEREOF	(31) 102016211578
IKEUCHI, Wataru	(73) Hewlett-Packard Development Company, L.P.	(32) 28.06.2016
(31) 2015059681	(72) VAN BROCKLIN, Andrew L.	(33) Germany
(32) 23.03.2015	GHOZEIL, Adam L.	(51) B41J 2/21
		B41J 2/165

B41J 2/045	(21) EP16161528.1	(54) Printing apparatus
B41J 29/38	(47) 23.01.2019	(73) Ricoh Company, Ltd.
(11) EP3002127	(22) 22.03.2016	SCREEN Holdings Co., Ltd.
(21) EP15171709.7	(54) LIQUID DROPLET EJECTING	(72) Fuchioka, Hiroyuki
(47) 30.01.2019	APPARATUS	Yamashita, Shinsuke
(22) 11.06.2015	(73) Seiko Epson Corporation	Okuda, Tsuyoshi
(54) IMAGE RECORDING APPARATUS AND	(72) HONOBE, Yuichi	(31) 2012081274
METHOD	(31) 2015063908	(32) 30.03.2012
(73) Fujifilm Corporation	(32) 26.03.2015	(33) Japan
(72) KYOSO, Tadashi	(33) Japan	<hr/>
(31) 2014174135	(51) B41J 3/407	(51) B41J 25/00
(32) 28.08.2014	B41J 29/17	(11) EP3279001
(33) Japan	D06P 5/30	(21) EP17183418.7
<hr/>	B65G 45/22	(47) 23.01.2019
(51) B41J 2/21	C11D 1/86	(22) 26.07.2017
B41J 11/00	C11D 3/33	(54) SYSTEM AND METHOD FOR ACTIVE
B41J 15/04	C09D 11/54	PRINTING CONSISTENCY CONTROL
(11) EP3216614	(11) EP3174724	AND DAMAGE PROTECTION
(21) EP17159874.1	(21) EP15828216.0	(73) Datamax-O'Neil Corporation
(47) 30.01.2019	(47) 23.01.2019	(72) LAU, Fong Lin
(22) 08.03.2017	(87) IL2015050766	CHENG, Yong Chiap
(54) LIQUID EJECTION DEVICE, LIQUID	04.02.2016	LIU, Zhiyong
EJECTION SYSTEM, AND LIQUID	(22) 26.07.2015	(31) 201615228521
EJECTION METHOD	(54) PROCESS AND SYSTEM FOR	(32) 04.08.2016
(73) Ricoh Company, Ltd.	CONTINUOUS INKJET PRINTING	(33) United States of America
(72) HAYASHI, Tomoaki	(73) Komit Digital Ltd.	<hr/>
KUDO, Koichi	(72) MOZEL, Jacob	(51) B41K 1/40
NAGASU, Tsuyoshi	LUPO, Asaf	B41K 1/42
SUNAOSHI, Masayuki	(31) 201462031312 P	B41K 1/52
MIZUNO, Masahiro	(32) 31.07.2014	(11) EP3241685
(31) 2016048248	(33) United States of America	(21) EP17161256.7
2017018113	<hr/>	(47) 30.01.2019
(32) 11.03.2016	(51) B41J 11/00	(22) 16.03.2017
03.02.2017	B41F 23/04	(54) A PHOTSENSITIVE STAMP USED
(33) Japan	(11) EP3300908	ON THE REVERSIBLE PRINTING DIAL
Japan	(21) EP17193012.6	BRACKET
<hr/>	(47) 23.01.2019	(73) Shanghai Jipusheng Office Articles Co., Ltd
(51) B41J 2/32	(22) 25.09.2017	(72) CHEN, Gau
(11) EP3124247	(54) INK JET PRINTING APPARATUS AND	(31) 201620253255 U
(21) EP16171455.5	DRYING INTENSITY SETTING METHOD	(32) 30.03.2016
(47) 23.01.2019	THEREOF	(33) China
(22) 26.05.2016	(73) Fujifilm Corporation	<hr/>
(54) IMAGE ERASING APPARATUS	(72) HOJO, Hiroaki	(51) B41M 5/025
CONFIGURED TO TURN OVER A SHEET	(31) 2016191283	D21H 19/64
AND METHOD FOR PROCESSING A	(32) 29.09.2016	C08J 7/04
SHEET	(33) Japan	(11) EP2651651
(73) Kabushiki Kaisha Toshiba	(51) B41J 11/46	(21) EP11848965.7
Toshiba TEC Kabushiki Kaisha	B41J 3/60	(47) 23.01.2019
(72) SAINO, Hisashi	(11) EP2233304	(87) US2011064079
(31) 201514813506	(21) EP10002532.9	21.06.2012
(32) 30.07.2015	(47) 23.01.2019	(22) 09.12.2011
(33) United States of America	(22) 10.03.2010	(54) TRANSFER ARTICLE HAVING MULTI-
<hr/>	(54) PRINTING SYSTEM AND PRINTING	SIZED PARTICLES AND METHODS
(51) B41J 2/32	METHOD	(73) 3M Innovative Properties Company
B41J 25/304	(73) SCREEN Holdings Co., Ltd.	(72) BARAN, Jimmie R., Jr.
B41J 25/312	(72) Sakamoto, Takashi	LUGG, Paul, S.
(11) EP3199359	Maeda, Toshio	SMITH, Terry L.
(21) EP17153508.1	Tomiya, Hiroshi	SMITH, Terrance P.
(47) 23.01.2019	(31) 2009079814	(31) 201061424457 P
(22) 27.01.2017	(32) 27.03.2009	(32) 17.12.2010
(54) A CONTROL ASSEMBLY	(33) Japan	(33) United States of America
(73) Dover Europe Sàrl	(51) B41J 15/04	<hr/>
(72) TENAUD, Florian	B41F 13/03	(51) B41M 5/26
BOND, Nicky	B41J 3/54	(11) EP2189237
(31) 201601535	B65H 20/16	(21) EP09175084.4
(32) 27.01.2016	(11) EP2644401	(47) 23.01.2019
(33) United Kingdom	(21) EP13161045.3	(22) 05.11.2009
<hr/>	(47) 23.01.2019	(54) Method for processing material with energy-
(51) B41J 3/407	(22) 26.03.2013	rich irradiation
B41J 11/06		(73) tesa SE
B41J 11/00		(72) Koops, Arne
(11) EP3072698		Reiter, Sven

(31) 102008058535	(33) Switzerland	(51) B42D 25/305
(32) 21.11.2008	(51) B42D 1/02	B42D 25/455
(33) Germany	B42D 25/30	B42D 25/46
(51) B41M 5/26	B42D 25/24	B42D 25/47
B32B 9/00	B42C 19/00	(11) EP3269558
B32B 27/36	B42D 25/309	(21) EP16179791.5
B42D 25/24	B42D 25/333	(47) 23.01.2019
B42D 25/41	B42D 25/355	(22) 15.07.2016
(11) EP3075559	B42D 25/373	(54) A MANUFACTURING PROCESS FOR A
(21) EP13898278.0	B42D 25/328	LAMINATED PAPER PRODUCT
(47) 30.01.2019	(11) EP3261847	(73) Cartamundi Turnhout N.V.
(87) JP2013082106	(21) EP16707533.2	(72) Nietvelt, Steven Karel Maria
04.06.2015	(47) 30.01.2019	(51) B42D 25/324
(22) 28.11.2013	(87) GB2016050483	B42D 25/328
(54) TRANSPARENT LASER MARKING	01.09.2016	B42D 25/36
SHEET, LAMINATE, AND METHOD FOR	(22) 25.02.2016	B42D 25/364
LASER MARKING	(54) BOOKLET	B42D 25/373
(73) Mitsubishi Chemical Corporation	(73) De La Rue International Limited	B42D 25/435
(72) SAKAGAMI, Toshinori	(72) SUGDON, Matthew Charles	(11) EP3148818
HASHIMOTO, Akira	(31) 201503135	(21) EP15729358.0
WATANABE, Takashi	(32) 25.02.2015	(47) 30.01.2019
(51) B41M 5/323	(33) United Kingdom	(87) EP2015061833
B41M 5/333	(51) B42D 15/08	03.12.2015
(11) EP3352991	B43M 3/04	(22) 28.05.2015
(21) EP17777054.2	B43M 5/04	(54) USE OF AN OPTICAL SECURITY
(47) 30.01.2019	B65D 27/10	COMPONENT FOR CUSTOMISING
(87) EP2017074875	B65D 27/16	A SECURITY DOCUMENT AND
12.04.2018	(11) EP3015259	PRODUCTION OF SUCH A COMPONENT
(22) 29.09.2017	(21) EP15194168.9	(73) SURYS
(54) HEAT SENSITIVE RECORDING	(47) 30.01.2019	(72) SOUPARIS, Hugues
MATERIAL	(22) 26.10.2011	SAUVAGE-VINCENT, Jean
(73) Mitsubishi HiTec Paper Europe GmbH	(54) ENVELOPE SHEET	(31) 1454942
(72) BOXHAMMER, Claas	(73) Riso Kagaku Corporation	(32) 30.05.2014
SCHREER, Martin	(72) WAKATABI, Tadayuki	(33) France
(31) 16192933	KATADA, Yasuhiro	(51) B42D 25/324
(32) 07.10.2016	(31) 2010239789	B42D 25/328
(33) European Patent Office (EPO)	2011212814	B81B 3/00
(51) B41M 5/52	(32) 26.10.2010	B82Y 30/00
C08G 73/02	28.09.2011	G07D 7/00
C09D 129/04	(33) Japan	(11) EP2855164
C09D 177/00	Japan	(21) EP13731544.6
C09D 179/02	(51) B42D 25/29	(47) 23.01.2019
C08L 91/06	B42D 25/351	(87) US2013043627
(11) EP2951253	B42D 25/435	05.12.2013
(21) EP13873421.5	B41M 3/14	(22) 31.05.2013
(47) 30.01.2019	B42D 25/328	(54) ANTI-COUNTERFEITING METHODS
(87) US2013024064	B42D 25/333	(73) President and Fellows of Harvard College
07.08.2014	B42D 25/346	(72) AIZENBERG, Joanna
(22) 31.01.2013	B42D 25/44	WONG, Tak, Sing
(54) SWELLABLE PRE-TREATMENT	B42D 25/373	KANG, Sung, Hoon
COATING	(11) EP3215371	HE, Ximin
(73) Hewlett-Packard Development Company L.P.	(21) EP15787134.4	(31) 201261654462 P
(72) NIU, Bor-Jiunn	(47) 23.01.2019	(32) 01.06.2012
CHEN, Haigang	(87) EP2015002119	(33) United States of America
SWEI, Jason	12.05.2016	(51) B42D 25/369
BANGARU, Sandeep K.	(22) 23.10.2015	B42D 25/324
(51) B42C 7/00	(54) DATA CARRIER WITH SEE-THROUGH	(11) EP3254863
(11) EP3235654	SECURITY ELEMENT	(21) EP17000940.1
(21) EP17166883.3	(73) Giesecke+Devrient Currency Technology	(47) 30.01.2019
(47) 30.01.2019	GmbH	(22) 02.06.2017
(22) 18.04.2017	(72) WIEDNER, Bernhard	(54) SAFETY ELEMENT FOR AN OBJECT
(54) SHAPING TOOL AND DEVICE FOR THE	GREGAREK, André	TO BE PROTECTED AND METHOD
FORMING OF BOOK COVERS	RENNER, Patrick	FOR PRODUCING SUCH A SAFETY
(73) Müller Martini Holding AG	GERHARDT, Thomas	ELEMENT
(72) Müller, Hans	PFEIFFER, Matthias	(73) Giesecke+Devrient Currency Technology
(31) 5342016	(31) 102014016249	GmbH
(32) 21.04.2016	(32) 04.11.2014	(72) Giseller, Dorff
	(33) Germany	(31) 102016006932

(32) 06.06.2016	B60B 3/10	(47) 23.01.2019
(33) Germany	B60B 3/14	(22) 24.02.2017
(51) B42D 25/455	B60B 5/02	(54) RUBBER COMPOSITION FOR TYRES
B44C 1/17	B60B 21/02	WITH GOOD ROLLING RESISTANCE
(11) EP3305544	B60B 21/06	AND WET GRIP PROPERTIES
(21) EP17184131.5	B60B 21/08	(73) Apollo Tyres Global R&D B.V.
(47) 23.01.2019	B60B 1/02	(72) REUVEKAMP, Louis-Philipp Antoine
(22) 31.07.2017	B60B 3/00	Eugène Maria
(54) CUTTING PLOTTER FILM WITH ANTI-COUNTERFEIT EFFECT	B60B 27/00	ZEEMAN, Raymond
(73) Yao, Ming-Hsien	(11) EP3219509	JANSSEN, Jane Johanna
(72) Yao, Ming-Hsien	(21) EP17159659.6	(31) 201603370
(31) 105132103	(47) 30.01.2019	(32) 26.02.2016
(32) 04.10.2016	(22) 07.03.2017	(33) United Kingdom
(33) Taiwan, Province of China	(54) BICYCLE WHEEL AND RELATIVE MANUFACTURING PROCESS	(51) B60C 9/09
(51) B44C 1/14	(73) Campagnolo S.r.l.	(11) EP3046781
B42D 25/328	(72) MEGGIOLAN, Mario	(21) EP14766698.6
B42D 25/373	(31) UA20161779	(47) 30.01.2019
B42D 25/324	(32) 17.03.2016	(87) EP2014069606
B32B 27/08	(33) Italy	26.03.2015
G03H 1/02	(51) B60B 7/00	(22) 15.09.2014
B42D 25/42	B60B 7/01	(54) TIRE INCLUDING A REINFORCEMENT FOR REINFORCING A SIDEWALL
G03H 1/00	(11) EP3132946	(73) Compagnie Générale des Etablissements Michelin
G03H 1/18	(21) EP15780739.7	(72) ANDRE, Guillaume
(11) EP2711196	(47) 30.01.2019	(31) 1358960
(21) EP13198512.9	(87) KR2015003094	(32) 18.09.2013
(47) 23.01.2019	22.10.2015	(33) France
(22) 09.02.2006	(22) 30.03.2015	(51) B60C 9/28
(54) Method for producing a multi-layer body having a diffractive relief structure	(54) IMAGE BOARD FOR ROTARY WHEEL AND ROTARY WHEEL COMPRISING SAME	(11) EP3038843
(73) OVD Kinegram AG	(73) Miryoon W&T Corporation	(21) EP14724039.4
(72) Staub, René	(72) YOO, Chung Sup	(47) 30.01.2019
Tompkin, Wayne Robert	KIM, Yoon Hwa	(87) EP2014058960
Schilling, Andreas	OH, In Sung	22.01.2015
(31) 102005006277	RYU, Sung Sug	(22) 02.05.2014
(32) 10.02.2005	KIM, Sung Hum	(54) PNEUMATIC VEHICLE TYRE
(33) Germany	(31) 20140044227	(73) Continental Reifen Deutschland GmbH
(51) B44C 1/16	20150035796	(72) HEYDEN, Arne
(11) EP2911890	(32) 14.04.2014	JENKE, Roland
(21) EP13818409.8	16.03.2015	HARING, Alois
(47) 30.01.2019	(33) Korea (Republic)	(31) 102013107475
(87) IB2013059576	Korea (Republic)	(32) 15.07.2013
08.05.2014	(51) B60C 1/00	(33) Germany
(22) 23.10.2013	C08K 5/00	(51) B60C 11/03
(54) AN APPARATUS AND METHOD FOR WEEDING A MULTILAYER SHEET COMPRISING A SUPPORT LINER WITH AT LEAST ONE ADHESIVE FILM COUPLED WITH THE LINER	C08K 5/01	B60C 3/04
(73) Esanastri S.r.l.	C08L 9/00	B60C 11/04
(72) POSARELLI, Roberto	C08L 9/06	(11) EP3202592
VEGNI, Giuliano	(11) EP3181373	(21) EP17160842.5
STEFANINI, Cesare	(21) EP16202738.7	(47) 23.01.2019
CARNASCIALI, Federico	(47) 30.01.2019	(22) 02.11.2012
DINELLI, Giorgio	(22) 07.12.2016	(54) PNEUMATIC RADIAL TIRE FOR PASSENGER VEHICLE
DI LUPO, Andrea	(54) RUBBER COMPOSITION AND PNEUMATIC TIRE	(73) Bridgestone Corporation
(31) FI20120232	(73) The Goodyear Tire & Rubber Company	(72) HATANAKA, Shintaro
FI20120233	(72) ISITMAN, Nihat Ali	MATSUMOTO, Hiroyuki
FI20120234	DOS SANTOS FREIRE, Lucas Manuel	KUWAYAMA, Isao
(32) 29.10.2012	MAZUMDAR, Arindam	(31) 2011241564
29.10.2012	(31) 201514969687	(32) 02.11.2011
29.10.2012	(32) 15.12.2015	(33) Japan
(33) Italy	(33) United States of America	(51) B60C 11/03
Italy	(51) B60C 1/00	B60C 5/00
Italy	C08L 9/00	(11) EP3112186
(51) B60B 1/00	C08L 9/06	(21) EP14883961.6
B60B 1/14	C08L 57/02	(47) 30.01.2019
B60B 3/08	C08J 3/24	(87) JP2014084420
(11) EP3210796	(11) EP3210796	03.09.2015
(21) EP17157965.9	(21) EP17157965.9	(22) 25.12.2014
		(54) PNEUMATIC TIRE

(73) The Yokohama Rubber Co., Ltd.	(33) Italy	SUH, Peter Jung-min
(72) YAEGASHI, Tsuyoshi	(51) B60C 11/12	PATEL, Amrita
(31) 2014035647	B60C 11/13	(31) 201514975980
(32) 26.02.2014	(11) EP3113961	(32) 21.12.2015
(33) Japan	(21) EP15758581.1	(33) United States of America
(51) B60C 11/11	(47) 30.01.2019	(51) B60C 23/12
B60C 11/03	(87) US2015015108	(11) EP3126163
B60C 11/13	11.09.2015	(21) EP15774042.4
(11) EP2374636	(22) 10.02.2015	(47) 30.01.2019
(21) EP09833228.1	(54) TIRE TREAD FEATURING A SIPE	(87) US2015022499
(47) 30.01.2019	(73) Bridgestone Americas Tire Operations, LLC	08.10.2015
(87) JP2009007010	(72) JIN, Jie	(22) 25.03.2015
24.06.2010	WILLIAMS, Cory	(54) SELF-INFLATING PUMPING
(22) 18.12.2009	WOODWARD, Joseph C.	MECHANISM
(54) TIRE FOR MOTORCYCLE	(31) 201461949309 P	(73) Krempel, Benjamin J.
(73) Bridgestone Corporation	(32) 07.03.2014	(72) Krempel, Benjamin J.
(72) NAKAMURA, Ichizo	(33) United States of America	(31) 201461975559 P
(31) 2008322067	(51) B60C 19/00	(32) 04.04.2014
(32) 18.12.2008	(11) EP3274191	(33) United States of America
(33) Japan	(21) EP16722372.6	(51) B60D 1/36
(51) B60C 11/12	(47) 30.01.2019	B62D 13/06
(11) EP2865545	(87) IB2016051721	B60R 21/013
(21) EP14188215.9	29.09.2016	B60D 1/24
(47) 30.01.2019	(22) 25.03.2016	B60D 1/62
(22) 08.10.2014	(54) DEVICE FOR MONITORING THE	B60K 31/00
(54) Snow tire with a kerf structure	OPERATION OF A TYRE AND	B60T 7/22
(73) Hankook Tire Co., Ltd.	MONITORING METHOD USING SUCH	B62D 15/02
(72) Joo, Sang Tak	DEVICE	B60W 10/18
Youn, Sung Hee	(73) Provana Quality Center Srl	B60W 10/20
Son, Su Jin	(72) PROVANA, Agostino	B60W 30/09
Lee, Myoung Joong	(31) UB20150337	G05D 1/00
Lee, Sang Moo	(32) 25.03.2015	(11) EP3078515
Kim, Mu Yeong	(33) Italy	(21) EP16164446.3
(31) 20130126506	(51) B60C 23/00	(47) 30.01.2019
(32) 23.10.2013	B60C 23/04	(22) 08.04.2016
(33) Korea (Republic)	(11) EP3238963	(54) COLLISION AVOIDANCE BASED
(51) B60C 11/12	(21) EP17155761.4	ON FRONT WHEEL OFF TRACKING
B60C 11/03	(47) 30.01.2019	DURING REVERSE OPERATION
(11) EP3141404	(22) 13.02.2017	(73) Continental Automotive Systems, Inc.
(21) EP15789840.4	(54) METHOD FOR MONITORING TIRE	(72) AGNEW, David Leslie
(47) 23.01.2019	CONDITIONS OF VEHICLE TYRES	CHEN, Joyce
(87) JP2015063050	(73) Continental Reifen Deutschland GmbH	FLETCHER, Graham Lanier
12.11.2015	(72) Cyllik, Adrian	HERZOG, Brandon
(22) 23.04.2015	(31) 102016207269	MCCLAIN, Jeremy J.
(54) PNEUMATIC TIRE	(32) 28.04.2016	MUHAREMOVIC, Ibro
(73) Bridgestone Corporation	(33) Germany	(31) 201562146011 P
(72) MATSUYAMA, Ryunosuke	(51) B60C 23/04	201615091602
(31) 2014095892	(11) EP3118030	(32) 10.04.2015
(32) 07.05.2014	(21) EP16179581.0	06.04.2016
(33) Japan	(47) 23.01.2019	(33) United States of America
(51) B60C 11/12	(22) 14.07.2016	United States of America
B60C 11/03	(54) TYRE PRESSURE SENSOR DEVICE	(51) B60D 5/00
(11) EP3307557	(73) Airbus Operations Limited	B61D 17/22
(21) EP16726112.2	(72) BILL, Andrew Raymond	(11) EP3061632
(47) 23.01.2019	(31) 201512488	(21) EP15156706.2
(87) EP2016062330	(32) 16.07.2015	(47) 30.01.2019
15.12.2016	(33) United Kingdom	(22) 26.02.2015
(22) 01.06.2016	(51) B60C 23/04	(54) CONNECTION BETWEEN TWO
(54) TYRE TREAD	(11) EP3184329	VEHICLES WITH JOINTED COUPLINGS
(73) Bridgestone Corporation	(21) EP16203233.8	(73) Hübner GmbH & Co. KG
(72) COLLETTI, Marco	(47) 30.01.2019	(72) Knud, Mosaner
DEL DUCA, Marco	(22) 09.12.2016	Heinrich, Marc
PALOMBA, Nello	(54) INTEGRATED TPMS MODULE AND	(51) B60G 3/20
CRISTADORO, Daniele	RFID TAG DATA SHARING SYSTEM IN	B60G 11/28
DE ROSA, Emiliano	A TIRE	B60G 15/12
(31) UB201511155	(73) The Goodyear Tire & Rubber Company	(11) EP2990239
(32) 12.06.2015	(72) FENKANYN, John Michael	(21) EP15183158.3
		(47) 30.01.2019

(22) 31.08.2015	(73) FCA Italy S.p.A.	F16F 15/027
(54) SEMITRAILER EQUIPPED WITH INDEPENDENT WHEEL SUSPENSION AND AIR SPRINGS	(72) PERRI, Eugenio MARTINA, Bruno	G05D 19/00
(73) Broshuis B.V.	(31) UB20152440	(11) EP3201016
(72) Broshuis, Baltasar Johannes Petrus	(32) 23.07.2015	(21) EP15756622.5
(31) 2013397	(33) Italy	(47) 30.01.2019
(32) 01.09.2014	(51) B60G 11/27	(87) EP2015069545
(33) Netherlands	B60G 11/30	07.04.2016
(51) B60G 5/02	F16F 9/04	(22) 26.08.2015
B60G 11/04	F16K 17/196	(54) METHOD AND SYSTEM FOR CONTROLLING AN ACTUATOR OF AN ACTIVE DAMPER SYSTEM
B60G 5/053	F16F 9/05	(73) Bayerische Motoren Werke Aktiengesellschaft
(11) EP2944485	B60G 11/28	(72) ZUSCIK, Marian
(21) EP13870940.7	B60G 17/056	(31) 102014219977
(47) 30.01.2019	B60G 7/00	(32) 01.10.2014
(87) JP2013007629	(11) EP3365190	(33) Germany
17.07.2014	(21) EP16782080.2	(51) B60H 1/00
(22) 26.12.2013	(47) 30.01.2019	(11) EP2874834
(54) TRUNNION SUSPENSION STRUCTURE	(87) EP2016074964	(21) EP13744461.8
(73) Hino Motors, Ltd.	27.04.2017	(47) 23.01.2019
(72) MATSUMOTO, Kouji	(22) 18.10.2016	(87) EP2013064874
(31) 2013003795	(54) END OF SUSPENSION ARM	23.01.2014
(32) 11.01.2013	(73) SAF-HOLLAND GmbH	(22) 15.07.2013
(33) Japan	(72) FÄTH, Stefan	(54) VEHICLE AIR CONDITIONING UNIT
(51) B60G 7/00	NABER, Thomas Josef	(73) Valeo Klimasysteme GmbH
B60G 7/02	(31) 102015117757	(72) HAUSSMANN, Roland
F16C 11/06	(32) 19.10.2015	(31) 102012014242
(11) EP2858837	(33) Germany	(32) 18.07.2012
(21) EP13714116.4	(51) B60G 17/015	(33) Germany
(47) 23.01.2019	B60G 17/06	(51) B60H 1/00
(87) US2013031827	F16F 15/03	B60H 3/06
12.12.2013	(11) EP2911898	(11) EP3271199
(22) 15.03.2013	(21) EP13776725.7	(21) EP16714008.6
(54) ASSEMBLY OF A BALL JOINT AND A TRIANGULAR SUSPENSION ARM	(47) 23.01.2019	(47) 23.01.2019
(73) Federal-Mogul Products US LLC	(87) EP2013003046	(87) IB2016051497
(72) BYRNES, Thomas, J.	01.05.2014	22.09.2016
(31) 201261656094 P	(22) 10.10.2013	(22) 17.03.2016
(32) 06.06.2012	(54) GENERATOR WITH ELECTRIC TRANSMISSION	(54) CABIN PRESSURIZATION SYSTEM FOR AGRICULTURAL MACHINES WITH FILTRATION SYSTEM
(33) United States of America	(73) Audi AG	(73) DENSO THERMAL SYSTEMS S.p.A.
(51) B60G 7/00	(72) WILLEMS, Marco	(72) DAVTER, Massimo
B60G 7/02	(31) 102012021018	CONTENTO, Leone
F16F 1/38	(32) 26.10.2012	(31) UB20150630
(11) EP2838743	(33) Germany	(32) 19.03.2015
(21) EP13713370.8	(51) B60G 17/016	(33) Italy
(47) 23.01.2019	B60G 17/0165	(51) B60H 1/24
(87) EP2013055317	B60G 17/018	B60H 1/34
24.10.2013	B60G 17/06	(11) EP3303031
(22) 15.03.2013	B60W 40/10	(21) EP16732384.9
(54) RUBBER BEARING CONNECTION	B60W 40/06	(47) 30.01.2019
(73) ZF Friedrichshafen AG	B60W 10/22	(87) US2016035715
(72) FIECHTNER, Martin	(11) EP2052885	08.12.2016
MÖDINGER, Wolfgang	(21) EP08018573.9	(22) 03.06.2016
WELLENSIEK, Hans-Juergen	(47) 23.01.2019	(54) AUXILIARY AIR DISTRIBUTION SYSTEM FOR USE IN A VEHICLE
MIDDELKAMPF, Arnold	(22) 23.10.2008	(73) Mahindra Vehicle Manufacturers Limited
(31) 102012206132	(54) Method and system for affecting the movement of a vehicle structure on a powered vehicle and vehicle controlled or regulated by its movement processes	(72) KUTTNER, Christoph
(32) 16.04.2012	(73) Volkswagen Aktiengesellschaft	HAAS, Richard
(33) Germany	(72) Arenz, Andrea, Dr.	GARRISI, Matthew, A.
(51) B60G 11/08	(31) 102007051214	SAGLIMBENE, Peter
B60G 7/00	102007051216	(31) 201562170343 P
(11) EP3241693	(32) 26.10.2007	201615171654
(21) EP17169677.6	26.10.2007	(32) 03.06.2015
(47) 30.01.2019	(33) Germany	02.06.2016
(22) 15.07.2016	(51) B60G 17/018	(33) United States of America
(54) MOTOR-VEHICLE SUSPENSION SYSTEM OF THE MACPHERSON TYPE, INCLUDING A TRANSVERSE LEAF SPRING	B60G 17/08	United States of America

(51) B60H 1/34 B60H 1/00	B60J 10/24	LELI, Francesco
(11) EP2758261	(11) EP2607126	LETTICH, Marzio
(21) EP12755880.7	(21) EP12197804.3	CATALDI, Matteo
(47) 23.01.2019	(47) 30.01.2019	(31) UA20163925
(87) EP2012067497	(22) 18.12.2012	(32) 30.05.2016
14.03.2013	(54) Glass-run retainer for automobile door and door structure of automobile	(33) Italy
(22) 07.09.2012	(73) Tesla, Inc.	(51) B60K 5/12
(54) AIR VENT AND METHOD OF CONTROL THEREOF	(72) Nishikawa Rubber Co., Ltd.	(11) EP3065962
(73) Jaguar Land Rover Limited	(72) Kuwabara, Hirokazu	(21) EP14780885.1
(72) BAKER, Roger	Partsch, Matthew Richard	(47) 30.01.2019
(31) 201115434	(31) 2011282133	(87) EP2014071359
(32) 07.09.2011	(32) 22.12.2011	14.05.2015
(33) United Kingdom	(33) Japan	(22) 06.10.2014
(51) B60H 1/34 F24F 13/14	(51) B60J 7/16	(54) TORQUE ROLL AXIS MOUNTING SYSTEM FOR SERIAL RANGE EXTENDERS WITHOUT A THROUGH-DRIVE
(11) EP3071435	(11) EP2705965	(73) Bayerische Motoren Werke Aktiengesellschaft
(21) EP14801986.2	(21) EP13173779.3	(72) EILETZ, Richard
(47) 30.01.2019	(47) 23.01.2019	HOESS, Bernhard
(87) EP2014074530	(22) 26.06.2013	HÜLSMANN, Arthur
28.05.2015	(54) Driver's cab of an agricultural vehicle	JEDRASZEK, Tomasz
(22) 13.11.2014	(73) CLAAS Tractor SAS	MUSCHLER, Thomas
(54) LOUVER AND AIR VENT HAVING AT LEAST ONE LOUVER	(72) Faure, Yannick	OCHNER, Udo
(73) Dr. Schneider Kunststoffwerke GmbH	(31) 102012108312	OTTE, Alexander-Wilhelm
(72) UHLENBUSCH, Olaf	(32) 07.09.2012	PFLAUM, Sebastian
SCHNEIDER, Michael	(33) Germany	RAITH, Andreas
MATRANE, Kamal	(51) B60J 7/16	SCHMIDT, Christian
(31) 102013112850	B65D 88/12	(31) 102013222778
102014102533	(11) EP2871086	(32) 08.11.2013
(32) 21.11.2013	(21) EP14192220.3	(33) Germany
26.02.2014	(47) 30.01.2019	(51) B60K 6/10
(33) Germany	(22) 07.11.2014	F16H 3/00
Germany	(54) Vehicle with cover device for the loading structure	F16H 3/093
(51) B60H 3/00 B60H 1/00	(73) Fliegl sen., Josef	(11) EP3006243
(11) EP2676823	(72) Fliegl jun., Josef	(21) EP14187692.0
(21) EP12004691.7	(31) 202013105032 U	(47) 30.01.2019
(47) 23.01.2019	(32) 08.11.2013	(22) 06.10.2014
(22) 22.06.2012	(33) Germany	(54) dual clutch transmission, hybrid vehicle and method for controlling a hybrid vehicle
(54) Method for supplying spaces with compressed air, taking CO2 concentration into consideration	(51) B60J 10/36	(73) Volvo Car Corporation
(73) SEKA Schutzbelüftung GmbH	B60J 10/84	(72) Dzafic, Ahmet
(72) Müller, Stefan	B61D 19/00	Jörgensson, Mathias
(51) B60J 1/00 B29C 45/14	(11) EP3186126	(51) B60K 6/36
B60J 10/70	(21) EP15759911.9	B60K 6/22
B32B 3/08	(47) 30.01.2019	B60K 6/40
(11) EP2687393	(87) FR2015052229	B60K 6/405
(21) EP12771197.6	03.03.2016	B60K 6/485
(47) 23.01.2019	(22) 20.08.2015	B60K 6/547
(87) JP2012060063	(54) SEALING SYSTEM FOR AN OPENABLE PANEL COMPRISING A PROFILE MEMBER RECEIVING A SEAL LOCKED BY A SLIDING KEY	B60K 17/04
18.10.2012	(73) Faiveley Transport Tours	B60K 17/06
(22) 12.04.2012	(72) SALLES, Olivier	F16H 1/46
(54) FRAMED WINDOW PANE AND METHOD FOR MANUFACTURING FRAMED WINDOW PANE	BAILLARGER, Laurent	F16H 57/04
(73) AGC Inc.	(31) 1458029	(11) EP3009287
(72) KONDO Takanobu	(32) 28.08.2014	(21) EP14833861.9
(31) 2011088341	(33) France	(47) 30.01.2019
(32) 12.04.2011	(51) B60K 1/00	(87) JP2014064753
(33) Japan	H02K 9/06	12.02.2015
(51) B60J 5/04 B60J 10/76	(11) EP3251880	(22) 03.06.2014
B60J 10/78	(21) EP17171450.4	(54) WHEEL LOADER
B60J 10/79	(47) 23.01.2019	(73) Komatsu Ltd.
	(22) 17.05.2017	(72) NAITO, Makoto
	(54) ELECTRIC MACHINE HAVING A TANGENTIAL ARCHITECTURE WITH IMPROVED AIR COOLING	(31) 2013165004
	(73) Magneti Marelli S.p.A.	2013254750
	(72) GIULIANI, Patrick	(32) 08.08.2013
		10.12.2013
		(33) Japan

Japan	(72) IMAMURA, Tatsuya	(54) DISPLAY DEVICE COMPRISING A THREEE-DIMENSIONAL OLED DISPLAY FOR A VEHICLE
(51) B60K 6/365	TABATA, Atsushi	(73) Audi AG
B60K 1/02	OKUDA, Koichi	(72) DIEDERICH, Lutz
B60K 6/40	MATSUBARA, Tooru	WUNDERLICH, Matthias
B60K 6/445	HIASA, Yasuhiro	(31) 102012024949
B60K 6/547	IMAI, Keita	(32) 19.12.2012
B60W 10/06	KITAHATA, Takeshi	(33) Germany
B60W 10/08	(31) 2015138614	(51) B60K 37/04
B60W 10/26	(32) 10.07.2015	(11) EP2456636
B60W 10/30	(33) Japan	(21) EP10736753.4
B60W 20/00	(51) B60K 17/04	(47) 23.01.2019
(11) EP3119654	B60K 17/16	(87) FR2010000497
(21) EP15765864.2	F16D 55/00	27.01.2011
(47) 30.01.2019	F16H 57/00	(22) 07.07.2010
(87) SE2015050303	(11) EP3144171	(54) HUMAN-MACHINE INTERFACE FOR A MOTOR VEHICLE
24.09.2015	(21) EP16157268.0	(73) Valeo Systèmes Thermiques
(22) 17.03.2015	(47) 23.01.2019	(72) AUTRAN, Frédéric
(54) METHOD FOR CONTROLLING A HYBRID VEHICLE DRIVELINE	(22) 25.02.2016	EL KHOURY, Ziad
(73) Scania CV AB	(54) VEHICLE BODY COMPISING A TRAVELING AXLE DEVICE	LAFFERAYRIE, Jean-David
(72) BJÖRKMANN, Mathias	(73) Hitachi Construction Machinery Co., Ltd.	(31) 0955086
PETTERSSON, Niklas	(72) Kurihara, Takeshi	(32) 21.07.2009
BERGQUIST, Mikael	(31) 2015184970	(33) France
LINDSTRÖM, Johan	(32) 18.09.2015	(51) B60K 37/06
(31) 1450322	(33) Japan	(11) EP3283320
(32) 20.03.2014	(51) B60K 35/00	(21) EP16710917.2
(33) Sweden	B60R 1/00	(47) 30.01.2019
(51) B60K 11/08	(11) EP3263389	(87) EP2016000420
(11) EP3323656	(21) EP17169910.1	20.10.2016
(21) EP17206551.8	(47) 23.01.2019	(22) 09.03.2016
(47) 30.01.2019	(22) 08.05.2017	(54) METHOD AND DEVICE FOR MONITORING A DISPLAY CONTENT
(22) 11.05.2012	(54) METHOD FOR DISPLAYING A FUNCTION OF A VEHICLE	(73) Daimler AG
(54) VARIABLE OR STEPPED LOUVER ACTIVATION FOR ACTIVE GRILLE SYSTEM	(73) Robert Bosch GmbH	(72) DROYSEN VON HAMILTON, Cora
(73) Magna International Inc.	(72) Cano, Raphael	SCHNEIDER, Steffen
(72) POVINELLI, Anthony, J.	(31) 102016212034	SMUDA, Peer
COBB, Thomas, E.	(32) 01.07.2016	(31) 102015004914
(31) 201161518893 P	(33) Germany	(32) 17.04.2015
(32) 13.05.2011	(51) B60K 35/00	(33) Germany
(33) United States of America	B60W 30/09	(51) B60K 37/06
(51) B60K 15/04	B60W 30/095	B60R 11/02
(11) EP3130498	B60W 10/04	H04M 1/60
(21) EP15777176.7	B60W 10/18	(11) EP2653334
(47) 23.01.2019	B60W 10/20	(21) EP13163740.7
(87) JP2015060750	B60W 10/22	(47) 23.01.2019
15.10.2015	B60W 50/00	(22) 15.04.2013
(22) 06.04.2015	B60W 50/14	(54) Method and apparatus for operating a motor vehicle multimedia system
(54) OIL FILLER PORT OPENING AND CLOSING DEVICE	G08G 1/16	(73) Ford Global Technologies, LLC
(73) Nifco Inc.	(11) EP3280606	(72) Spahl, Robert
(72) SASAKI, Hiroshi	(21) EP16712041.9	Fleming, Steve David
TAKAHASHI, Hideaki	(47) 30.01.2019	(31) 102012206275
(31) 2014082156	(87) EP2016056644	(32) 17.04.2012
(32) 11.04.2014	13.10.2016	(33) Germany
(33) Japan	(22) 24.03.2016	(51) B60L 1/00
(51) B60K 17/02	(54) COLLISION AVOIDANCE SYSTEM	B60L 9/30
B60K 28/16	(73) Jaguar Land Rover Limited	B60L 15/20
B60L 15/20	(72) JONES, Matt	B60L 11/18
B60L 15/10	ROWE, Richard	B60L 9/00
B60L 3/00	(31) 201514683749	(11) EP2229291
(11) EP3115244	(32) 10.04.2015	(21) EP08861179.3
(21) EP16178357.6	(33) United States of America	(47) 30.01.2019
(47) 30.01.2019	(51) B60K 37/02	(87) EP2008010822
(22) 07.07.2016	(11) EP2934939	25.06.2009
(54) CONTROL APPARATUS FOR ELECTRICALLY DRIVEN VEHICLE	(21) EP13794815.4	(22) 10.12.2008
(73) Toyota Jidosha Kabushiki Kaisha	(47) 23.01.2019	
	(87) EP2013003452	
	26.06.2014	
	(22) 15.11.2013	

(54) ARRANGEMENT FOR SUPPLYING DEVICES OF A LOCOMOTIVE WITH ELECTRIC ENERGY AND METHOD FOR OPERATING SAID ARRANGEMENT	Simpson, Andrew Gregory Carlson, Craig Bruce 321279 322219 322221 322286	(54) SYSTEM FOR CHARGING AN ENERGY STORE, AND METHOD FOR OPERATING THE CHARGING SYSTEM
(73) Bombardier Transportation GmbH	(31) 321279	(73) Robert Bosch GmbH
(72) JÖRG, Markus	(32) 322219	(72) FEUERSTACK, Peter
FALKE, Ewald	(32) 322286	WEISSENBORN, Erik
(31) 102007060893	(32) 16.01.2009	KESSLER, Martin
(32) 14.12.2007	29.01.2009	(31) 102010041065
(33) Germany	29.01.2009	(32) 20.09.2010
(51) B60L 1/04	(33) United States of America	(33) Germany
B60H 1/00	United States of America	(51) B60N 2/00
B60H 1/32	United States of America	(11) EP3178690
B60L 1/12	United States of America	(21) EP16203063.9
B60L 11/18	United States of America	(47) 30.01.2019
(11) EP2574492	(51) B60L 11/18	(22) 09.12.2016
(21) EP12184023.5	B60L 11/14	(54) SEATING DETECTION DEVICE
(47) 30.01.2019	B60L 7/16	(73) AISIN SEIKI KABUSHIKI KAISHA
(22) 12.09.2012	B60L 11/12	(72) MIZOKAWA, Yoshihiro
(54) Power switching apparatus	B60L 15/00	YANAI, Keiichi
(73) Mitsubishi Jidosha Kogyo K.K.	B60W 10/06	(31) 2015242391
(72) Yagura, Hirofumi	B60W 10/08	2016214322
Saito, Jun	B60W 20/00	(32) 11.12.2015
Maeda, Takuma	B60W 10/26	01.11.2016
Yashiro, Hiroyuki	B60K 6/445	(33) Japan
Kawashima, Naoki	B60K 1/02	Japan
Ishii, Shigeharu	(11) EP2353920	(51) B60N 2/07
(31) 2011210308	(21) EP08877757.8	B60N 2/08
(32) 27.09.2011	(47) 23.01.2019	B61D 37/00
(33) Japan	(87) JP2008069872	B64D 11/00
(51) B60L 7/26	06.05.2010	B64D 11/06
B60L 7/14	(22) 31.10.2008	F16C 29/00
B60L 8/00	(54) ELECTRICALLY DRIVEN VEHICLE	F16C 29/06
B60L 11/18	AND ELECTRICALLY DRIVEN VEHICLE	F16M 13/02
B60L 15/20	CONTROL METHOD	(11) EP3051155
(11) EP2546090	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(21) EP14848477.7
(21) EP12174713.3	(72) YAMAMOTO, Masaya	(47) 30.01.2019
(47) 30.01.2019	KATO, Norihiko	(87) JP2014072027
(22) 03.07.2012	SATO, Haruki	02.04.2015
(54) WORKING VEHICLE WITH ELECTROMAGNETIC BRAKE	(51) B60L 11/18	(22) 22.08.2014
(73) Kanzaki Kokyukoki Mfg. Co., Ltd.	H01M 10/44	(54) MOVEMENT UNIT
(72) Koga, Kazunari	H02J 50/90	(73) THK Co., Ltd.
Wang, Hongkun	H02J 50/12	(72) MOCHIZUKI Hiroaki
Matsuura, Jun	(11) EP2660946	KURIBAYASHI Hiroomi
Sasahara, Kengo	(21) EP11853911.3	KANEKO Akito
Ishino, Fumitoshi	(47) 23.01.2019	HAGIWARA Keisuke
(31) 2011153763	(87) JP2011076427	SUDO Yuji
(32) 12.07.2011	05.07.2012	(31) 2013201035
(33) Japan	(22) 16.11.2011	(32) 27.09.2013
(51) B60L 11/18	(54) NON-CONTACT CHARGING DEVICE	(33) Japan
B60L 3/00	(73) Nissan Motor Co., Ltd	(51) B60N 2/22
B60L 8/00	(72) KAI, Toshihiro	B60N 2/68
H02J 7/00	KRAISORN, Throngnumchai	(11) EP2463142
(11) EP2209177	(31) 2010290133	(21) EP11192826.3
(21) EP09014408.0	(32) 27.12.2010	(47) 23.01.2019
(47) 23.01.2019	(33) Japan	(22) 09.12.2011
(22) 18.11.2009	(51) B60L 11/18	(54) Adjustment device for a vehicle seat for adjusting the angle of a backrest of the vehicle seat relative to a seat component
(54) MULTI-MODE CHARGING SYSTEM AND MULTI-MODE CHARGING METHOD FOR AN ELECTRIC VEHICLE	H02J 7/00	(73) Adient Luxembourg Holding S.à r.l.
(73) Tesla, Inc.	H02M 7/501	(72) Abraham, James
(72) Eberhard, Martin Forest	H02J 7/14	Chirayil, Abhilash
Straubel, Jeffrey Brian	H02P 27/14	Medved, Andrej
Kelty, Kurt Russell	(11) EP2619874	(31) 102010053995
Kohn, Scott Ira	(21) EP11761022.0	(32) 09.12.2010
Hermann, Weston Arthur	(47) 23.01.2019	(33) Germany
Berdichevsky, Eugene Michael	(87) EP2011064636	(51) B60N 2/38
	29.03.2012	B60N 2/06
	(22) 25.08.2011	B60N 2/50

E02F 9/16	(21) EP11194787.5	(33) France
B66C 13/56	(47) 23.01.2019	(51) B60Q 1/14
(11) EP2404781	(22) 21.12.2011	B60Q 1/06
(21) EP10748680.5	(54) Method and device for balancing the loads on	(11) EP2596990
(47) 23.01.2019	the wheels of an industrial vehicle	(21) EP12193532.4
(87) JP2010053084	(73) Astra Veicoli Industriali S.p.A.	(47) 23.01.2019
10.09.2010	(72) Benetti, Antonio	(22) 21.11.2012
(22) 26.02.2010	Nessi, Marco	(54) Method and controller for controlling main
(54) OPERATOR SEAT STRUCTURE OF	(51) B60P 1/64	headlights with adjustable light/dark limit for
CONSTRUCTION MACHINE	(11) EP2875993	preventing glare from objects
(73) Komatsu Ltd.	(21) EP14003295.4	(73) HELLA GmbH & Co. KGaA
(72) WADA, Hirofumi	(47) 30.01.2019	(72) Irmscher, Tobias
(31) 2009050645	(22) 24.09.2014	Wilks, Carsten
(32) 04.03.2009	(54) Mobile device for moving transport	Schmidt, Christian
(33) Japan	containers	Hüster, Christian
(51) B60N 2/70	(73) Heinz Bergmann e.Kfm. Maschinen für die	Krause, Stefan
B60N 2/68	Abfallwirtschaft	(31) 102011055606
(11) EP3176030	(72) Heinz, Bergmann	(32) 22.11.2011
(21) EP16002543.3	(31) 102013019841	(33) Germany
(47) 23.01.2019	(32) 26.11.2013	(51) B60Q 3/00
(22) 30.11.2016	(33) Germany	B60Q 3/64
(54) METHOD FOR PRODUCING A VEHICLE	(51) B60P 3/20	G02B 6/00
SEAT	F25B 27/00	B65G 69/28
(73) SCHERDEL Marienberg GmbH	F25D 11/00	F21S 8/00
(72) Seitenglanz, Jan	(11) EP2442053	F21S 8/04
Fritzsich, Tino	(21) EP10785939.9	F21V 17/00
Ulbricht, Enrico	(47) 30.01.2019	F21W 131/411
(31) 102015015761	(87) JP2010003787	(11) EP2572934
(32) 01.12.2015	16.12.2010	(21) EP12008212.8
(33) Germany	(22) 07.06.2010	(47) 23.01.2019
(51) B60N 2/90	(54) REFRIGERATION DEVICE FOR	(22) 17.09.2010
B60N 2/16	TRANSPORTATION	(54) Light fixtures for Doorways
B60N 2/04	(73) Daikin Industries, Ltd.	(73) Rite-Hite Holding Corporation
(11) EP3013634	(72) IKEMIYA, Makoto	(72) Swessel, Mark R.
(21) EP14738763.3	TAKAOKA, Hisaaki	Hahn, Norbert
(47) 30.01.2019	(31) 2009139356	Muhl, Tim
(87) EP2014063694	(32) 10.06.2009	Petri, Mark G.
31.12.2014	(33) Japan	Maly, Paul
(22) 27.06.2014	(51) B60P 3/39	Waugaman, Charles S.
(54) ADJUSTER DEVICE HAVING A FIXED	B62D 33/06	Mcneill, Matthew C.
ELEMENT, AN ADJUSTABLE ELEMENT	(11) EP2781405	Rowlett, Paul D.
AND A FIRST LOCKING DEVICE	(21) EP13005472.9	Dondlinger, Jason
(73) Adient Luxembourg Holding S.à r.l.	(47) 23.01.2019	(31) 568499
(72) STEMMER, Jürgen	(22) 22.11.2013	(32) 28.09.2009
GERDT, Dmitrij	(54) Support for a bed in a vehicle and method for	(33) United States of America
(31) 102013212749	adjusting the bed	(51) B60Q 3/64
102013013510	(73) MAN Truck & Bus AG	B60Q 3/78
(32) 28.06.2013	(72) König, Ilja	(11) EP2639107
16.08.2013	Winkler, Tino	(21) EP13000916.0
(33) Germany	(31) 102013004897	(47) 23.01.2019
Germany	(32) 21.03.2013	(22) 23.02.2013
(51) B60N 3/00	(33) Germany	(54) Lighting device, in particular contour
A47B 13/00	(51) B60Q 1/076	illumination for a motor vehicle
(11) EP3216649	F21S 41/147	(73) AUDI AG
(21) EP17275031.7	F21S 45/47	(72) Pfeil, Marcus
(47) 23.01.2019	F21S 45/49	Maurer, Jürgen
(22) 07.03.2017	(11) EP2963335	Mohos, Richard
(54) A METHOD OF MANUFACTURING A	(21) EP15173295.5	Tovar, Johannes
TABLE	(47) 30.01.2019	(31) 102012005399
(73) Bentley Motors Limited	(22) 23.06.2015	(32) 16.03.2012
(72) Minshull, Adrian John	(54) PIVOTAL MOUNTING OF A MOTOR	(33) Germany
Day, Steve	VEHICLE LIGHTING MODULE	(51) B60R 1/00
(31) 201603959	(73) VALEO VISION	(11) EP3055167
(32) 08.03.2016	(72) MADELAINE, Mehdi	(21) EP13786624.0
(33) United Kingdom	CHATEL, Eric	(47) 23.01.2019
(51) B60P 1/04	(31) 1456199	(87) EP2013003017
B62D 37/04	(32) 30.06.2014	16.04.2015
(11) EP2607159		(22) 08.10.2013

(54) VEHICLE ASSISTANT SYSTEM AND VEHICLE	(22) 29.12.2016	(33) United States of America
(73) TRW Automotive GmbH	(54) CONVERTIBLE OBJECT-HOLDER DEVICE	Japan
(72) LAAKMANN, Frank	(73) FCA Italy S.p.A.	(51) B60R 16/03
SCHAUB, Swen	LEVA S.p.A. A SOCIO UNICO	H02P 9/14
MÜCKE, Christian	(72) L'ALTRELLA, Martino	H02P 29/024
AMMON, Christian	MELIS, Silvio	H02P 25/22
HERPICH, Thomas	MANIGRASSO, Edoardo	H02M 1/084
(51) B60R 1/04	LUCCHESI, Marco	H02M 1/32
H05K 9/00	RUSSO, Alberto	H02M 7/219
B60R 1/12	(31) UB20159225	H02M 7/217
G02B 27/01	(32) 29.12.2015	H02P 9/00
(11) EP2841303	(33) Italy	(11) EP3039761
(21) EP13781476.0	(51) B60R 11/04	(21) EP14744113.3
(47) 23.01.2019	(11) EP3173290	(47) 30.01.2019
(87) US2013037080	(21) EP15465560.9	(87) EP2014066134
31.10.2013	(47) 30.01.2019	05.03.2015
(22) 18.04.2013	(22) 26.11.2015	(22) 28.07.2014
(54) DISPLAY MIRROR ASSEMBLY	(54) CAMERA BRACKET WITH METAL WIRE SPRING	(54) SURGE PROTECTION FOR ACTIVE RECTIFIERS IN THE EVENT OF LOAD SHEDDING
(73) Gentex Corporation	(73) Continental Automotive GmbH	(73) SEG Automotive Germany GmbH
(72) FISH JR., Richard T.	(72) Gheorghe, Lucian	(72) SCHUELER, Harald
MINIKEY JR., Danny L.	Lazar, Adrian-Catalin	SAUTTER, Siegbert
HAMLIN, Bradley R.	(51) B60R 13/04	OTTE, Christopher
LEE, Ethan J.	(11) EP3184371	MEHRINGER, Paul
KERN, Eric P.	(21) EP16202407.9	GE, Jie
(31) 201261637527 P	(47) 30.01.2019	FEILER, Wolfgang
201361764341 P	(22) 06.12.2016	SCHMIDT, Matthias
201313830806	(54) SILL CLADDING	(31) 102013217023
(32) 24.04.2012	(73) REHAU AG + Co	102013217896
13.02.2013	(72) Lux, Stefan	(32) 27.08.2013
14.03.2013	Mett, Thomas	06.09.2013
(33) United States of America	(31) 202015107057 U	(33) Germany
United States of America	(32) 23.12.2015	Germany
United States of America	(33) Germany	(51) B60R 19/18
(51) B60R 1/08	(51) B60R 13/04	(11) EP2819887
(11) EP3256345	B29C 45/16	(21) EP12813506.8
(21) EP16709972.0	(11) EP3100915	(47) 23.01.2019
(47) 23.01.2019	(21) EP15170481.4	(87) IB2012056902
(87) DE2016200073	(47) 30.01.2019	06.09.2013
18.08.2016	(22) 03.06.2015	(22) 02.12.2012
(22) 04.02.2016	(54) COMPONENT	(54) IMPROVED ENERGY ABSORBING SYSTEM
(54) DRIVER ASSISTANCE SYSTEM	(73) WEIDPLAS GmbH	(73) SABIC Global Technologies B.V.
(73) Conti Temic Microelectronic GmbH	(72) Schelter, Daniel	(72) NAGWANSHI, Dhanendra, Kumar
Continental Automotive GmbH	(51) B60R 16/02	MARUR, Sudhakar, Ramamoorthy
(72) KRÖKEL, Dieter	G06F 21/62	PV, Gurunath
ROTHENHÄUSLER, Konrad	G06F 21/44	(31) 201213407172
ROSKONI, Ulrich	G06F 21/57	(32) 28.02.2012
SCHMALRIEDE, Tobias	(11) EP3219553	(33) United States of America
(31) 102015202330	(21) EP15858625.5	(51) B60R 19/52
(32) 10.02.2015	(47) 23.01.2019	(11) EP2826675
(33) Germany	(87) JP2015005165	(21) EP14175303.8
(51) B60R 3/00	19.05.2016	(47) 30.01.2019
B62D 35/00	(22) 13.10.2015	(22) 01.07.2014
B62D 33/06	(54) UPDATE MANAGEMENT METHOD, UPDATE MANAGEMENT DEVICE, AND CONTROL PROGRAM	(54) Front assembly of a motor vehicle and corresponding motor vehicle
(11) EP3176038	(73) Panasonic Intellectual Property Corporation of America	(73) Flex-N-Gate France
(21) EP16205662.6	(72) HAGA, Tomoyuki	(72) Verbrugge, Jérôme
(47) 30.01.2019	MATSUSHIMA, Hideki	(31) 1356502
(22) 04.03.2014	MAEDA, Manabu	(32) 03.07.2013
(54) RECESS STEPS FOR CAB ACCESS	UNAGAMI, Yuji	(33) France
(73) Paccar Inc	ANZAI, Jun	(51) B60R 19/52
(72) ANGELO, Gerald J.	(31) 201462078476 P	B60K 11/08
(31) 201313787511	2015187536	(11) EP3075606
(32) 06.03.2013	(32) 12.11.2014	(21) EP16163459.7
(33) United States of America	24.09.2015	(47) 23.01.2019
(51) B60R 7/04		(22) 31.03.2016
(11) EP3187374		
(21) EP16207429.8		
(47) 30.01.2019		

(54) EXTERIOR TRIM SET OF A MOTOR VEHICLE AND ASSOCIATED METHOD FOR USE	(87) JP2012062974 06.12.2012	(11) EP2913232
(73) Flex-N-Gate France	(22) 22.05.2012	(21) EP14200700.4
(72) VERBRUGGHE, Jérôme	(54) AIRBAG AND AIRBAG DEVICE	(47) 30.01.2019
(31) 1552739	(73) Joyson Safety Systems Japan K.K.	(22) 31.12.2014
(32) 31.03.2015	(72) SUGIMOTO, Shinichi	(54) Restraint system pretensioners
(33) France	(31) 2011123088	(73) AMSAFE, INC.
(51) B60R 19/56	(32) 01.06.2011	(72) Walton, Michael J.
(11) EP3299226	(33) Japan	Humbert, Todd J.
(21) EP17192262.8	(51) B60R 21/235	(31) 201361922700 P
(47) 23.01.2019	(11) EP3052347	(32) 31.12.2013
(22) 21.09.2017	(21) EP14789659.1	(33) United States of America
(54) SHOCK ABSORBING BUMPER FOR TRANSPORTATION VEHICLES	(47) 30.01.2019	(51) B60R 25/021
(73) Tirsan Treyler Sanayi Ve Ticaret Anonim Sirketi	(87) US2014058175	(11) EP2923899
(72) KAÇAR, Batuhan Furkan	02.04.2015	(21) EP13856198.0
DERYAL, Ugur	(22) 30.09.2014	(47) 30.01.2019
KIRAC, Yalçin	(54) AIRBAG WITH SEALED SEAM	(87) JP2013080898
ÇOLAKOGLU, Gülsüm Yesim	(73) Key Safety Systems, Inc.	30.05.2014
(31) 201613178	(72) KALANDEK, Bruce	(22) 15.11.2013
(32) 21.09.2016	(31) 201361884269 P	(54) STEERING DEVICE
(33) Turkey	(32) 30.09.2013	(73) NSK Ltd.
(51) B60R 21/203	(33) United States of America	(72) SUEMASU, Yusuke
B60R 21/217	(51) B60R 21/237	JOUTA, Masaya
(11) EP3209526	B60R 21/207	(31) 2012257560
(21) EP15788323.2	B60N 2/42	2013019528
(47) 30.01.2019	(11) EP3138739	(32) 26.11.2012
(87) EP2015001989	(21) EP15785452.2	04.02.2013
28.04.2016	(47) 23.01.2019	(33) Japan
(22) 09.10.2015	(87) JP2015060978	Japan
(54) DEVICE FOR FIXING OSCILLATABLE A GAS GENERATOR AS A VIBRATION DAMPER MASS WITHIN AN AIRBAG MODULE	05.11.2015	(51) B60R 25/0215
(73) TRW Automotive Safety Systems GmbH	(22) 08.04.2015	(11) EP2964493
(72) VON RODEN, Constantin	(54) SIDE AIRBAG APPARATUS FOR VEHICLE	(21) EP13708686.4
ECK, Gregor	(73) Autoliv Development AB	(47) 23.01.2019
OECHSEL, Holger	(72) KOBAYASHI Yuto	(87) EP2013000617
(31) 202014008432 U	(31) 2014094080	12.09.2014
(32) 23.10.2014	(32) 30.04.2014	(22) 04.03.2013
(33) Germany	(33) Japan	(54) STEERING LOCK DEVICE FOR A MOTOR VEHICLE
(51) B60R 21/231	(51) B60R 21/239	(73) Marquardt GmbH
(11) EP3107768	(11) EP3235692	Nissan Motor Co., Ltd.
(21) EP15713644.1	(21) EP16166362.0	(72) MARX, Thilo
(47) 30.01.2019	(47) 30.01.2019	VAGNEY, Damien
(87) EP2015000367	(22) 21.04.2016	WILLMANN, Hubert
27.08.2015	(54) DRIVER AIRBAG AND STEERING WHEEL UNIT	HAYASHI, Kenjiro
(22) 19.02.2015	(73) Autoliv Development AB	(51) B60R 25/0215
(54) THORAX OCCUPANT PROTECTION DEVICE AND METHOD OF PROTECTING THE THORAX OF A VEHICLE OCCUPANT IN SIDE IMPACTS	(72) Jahme, Bernhard	E05B 83/00
(73) Dalphi Metal España, S.A.	(51) B60R 22/18	(11) EP3053787
(72) PÉREZ GARCIA, Azucena	B60R 22/26	(21) EP14850335.2
CRESPO VIZÁN, Maria	(11) EP3160802	(47) 30.01.2019
UGARTE ALBA, Oscar	(21) EP15742357.5	(87) JP2014073471
DUARTE DE AREZ, Luis José	(47) 30.01.2019	09.04.2015
(31) 202014001513 U	(87) FR2015051768	(22) 05.09.2014
(32) 20.02.2014	07.01.2016	(54) ELECTRIC STEERING LOCK DEVICE
(33) Germany	(22) 29.06.2015	(73) Nissan Motor Co., Ltd.
(51) B60R 21/2334	(54) MOTOR VEHICLE SEAT COMPRISING A STRAP GUIDE FOR A SAFETY BELT	Alpha Corporation
B60R 21/207	(73) Renault S.A.S.	(72) SUGIMOTO, Koichiro
B60R 21/233	(72) RICHEZ, Emmanuel	HAYASHI, Kenjiro
(11) EP2716505	GUICHERD, Olivier	(31) 2013208926
(21) EP12793636.7	(31) 1456197	(32) 04.10.2013
(47) 23.01.2019	(32) 30.06.2014	(33) Japan
	(33) France	(51) B60R 25/24
	(51) B60R 22/195	(11) EP3310627
	B60R 22/26	(21) EP16729274.7
	B60N 2/68	(47) 30.01.2019
	B60R 22/46	(87) EP2016063849
		22.12.2016
		(22) 16.06.2016
		(54) LOCKING SYSTEM FOR A VEHICLE
		(73) Marquardt GmbH

(72) BÄR, Bernd FISCHER, Jörg	(22) 25.09.2013	(31) 1355805
(31) 102015007697	(54) Connection device for a wiper system with two actuator arms and wiper system including such a device	(32) 19.06.2013
(32) 18.06.2015		(33) France
(33) Germany	(73) Valeo Systèmes d'Essuyage	(51) B60S 1/40
(51) B60S 1/08	(72) Grasso, Giuseppe	(11) EP3222476
B60S 1/18	Rousseau, Jean-François	(21) EP17159919.4
(11) EP2763875	Trebouet, Marcel	(47) 30.01.2019
(21) EP12768849.7	(31) 1259083	(22) 08.03.2017
(47) 23.01.2019	(32) 27.09.2012	(54) ADAPTER FOR CONNECTING THE FREE END OF A WIPER ARM, AND ASSEMBLY COMPRISING AN ADAPTER AND A WIPER ARM
(87) EP2012069728	(33) France	(73) Valeo Systèmes d'Essuyage
11.04.2013	(51) B60S 1/34	(72) HOUSSAT, Stéphane
(22) 05.10.2012	(11) EP3242819	JOMARD, Olivier
(54) ELECTRICAL COMMUTATOR FOR WIPER BLADE DRIVE SYSTEM AND CORRESPONDING DRIVE SYSTEM	(21) EP15813061.7	GAUCHER, Vincent
(73) Valeo Systèmes d'Essuyage	(47) 30.01.2019	(31) 1652625
(72) BLANCHET, Pierre	(87) EP2015080241	(32) 25.03.2016
JENDRASZCZAK, Jean	14.07.2016	(33) France
SERVIN, Alain	(22) 17.12.2015	(51) B60S 1/40
(31) 1159074	(54) WATER DRAINAGE COVER FOR AN AUTOMOTIVE WINDSHIELD WIPING MECHANISM, BODY OF A SHAFT OF AN AUTOMOTIVE WINDSHIELD WIPER MECHANISM, AND AUTOMOTIVE WINDSHIELD WIPER MECHANISM CONTAINING THE COVER AND THE BODY	(11) EP3228507
(32) 07.10.2011	(73) Valeo Autosystemy SP. Z.O.O.	(21) EP17163825.7
(33) France	(72) CEBULA, Piotr Pawel	(47) 30.01.2019
(51) B60S 1/08	ORZEL, Wojciech	(22) 30.03.2017
B60S 1/52	(31) 41083315	(54) CONNECTOR ELEMENT FOR CONNECTING TOGETHER WINDSCREEN WIPER BLADES AND ARMS FOR OPERATING THEM
B60S 1/56	(32) 09.01.2015	(73) Cartix S.r.l.
G02B 27/00	(33) Poland	(72) SUPERTI, Carlo Umberto Maria
B62D 27/02	(51) B60S 1/38	(31) UA20162268
(11) EP3121071	(11) EP2287052	(32) 04.04.2016
(21) EP16180476.0	(21) EP09175404.4	(33) Italy
(47) 30.01.2019	(47) 23.01.2019	(51) B60S 1/40
(22) 21.07.2016	(22) 09.11.2009	B60S 1/38
(54) DEVICE FOR CLEANING A SENSOR FOR A MOTOR VEHICLE	(54) Method of assembling metal clamp and body springs of wiper blade for vehicle	(11) EP3159224
(73) Valeo Systèmes d'Essuyage	(73) Cap Co., Ltd	(21) EP16193132.4
(72) TREBOUET, Marcel	(72) Kim, Tae Hun	(47) 23.01.2019
GRASSO, Giuseppe	Lee, Sang Cheol	(22) 10.10.2016
(31) 1556960	Lee, Dong Geun	(54) CONNECTING DEVICE INTERPOSED BETWEEN AN OPERATING ARM AND A WIPER FOR A VEHICLE GLAZED SURFACE
(32) 22.07.2015	Choi, Yong Ki	(73) Valeo Systèmes d'Essuyage
(33) France	(31) 20090077656	(72) HANINO, Marie-Therese
(51) B60S 1/16	(32) 21.08.2009	MONEYRON, Patrick
F16H 57/029	(33) Korea (Republic)	ESPINASSE, Philippe
F16H 57/031	(51) B60S 1/38	(31) 1560058
F16H 57/039	(11) EP2771214	(32) 22.10.2015
H02K 5/173	(21) EP11775788.0	(33) France
H02K 7/08	(47) 23.01.2019	(51) B60S 1/40
F16H 57/12	(87) EP2011068732	B60S 1/38
F16C 19/06	02.05.2013	(11) EP2813405
H02K 7/116	(22) 26.10.2011	(21) EP14171317.2
H02K 5/10	(54) WINDSCREEN WIPER DEVICE	(47) 30.01.2019
(11) EP3173300	(73) Federal-Mogul S.A.	(22) 05.06.2014
(21) EP16195327.8	(72) BOLAND, Xavier	(54) Device for attaching a windscreen-wiper blade
(47) 23.01.2019	(51) B60S 1/38	(73) Valeo Systèmes d'Essuyage
(22) 24.10.2016	(11) EP2815934	(72) Jehannet, Jean-Pierre
(54) CLOSING PLATE AND WINDSCREEN WIPER DRIVE MOTOR DEVICE FOR A MOTOR VEHICLE	(21) EP14172475.7	Veret, Jocelyn
(73) Valeo Systèmes d'Essuyage	(47) 30.01.2019	BOUSSET Xavier
(72) SERVIN, Alain	(22) 16.06.2014	(31) 1355345
COLLINET, Laurent	(54) Windscreen wiper blade	(32) 10.06.2013
BEAUCHAMPS, Stéphane	(73) Valeo Systèmes d'Essuyage	(33) France
(31) 1561332	(72) Bousset, Xavier	(51) B60S 1/40
(32) 25.11.2015	Caillot, Gérald	B60S 1/38
(33) France	Grasso, Giuseppe	
(51) B60S 1/34	Thebault, Denis	
(11) EP2712773		
(21) EP13186013.2		
(47) 23.01.2019		

B60S 1/52	(73) KUKA Systems GmbH	(54) BRAKING DEVICE HAVING A TRAVEL
(11) EP2813404	(72) NEIDER, Reinhold	SENSOR FOR INTEGRATED MOTOR
(21) EP14169935.5	MAYR, Stefan	VEHICLE BRAKE SYSTEMS
(47) 30.01.2019	(31) 102014226372	(73) Continental Teves AG & Co. OHG
(22) 27.05.2014	(32) 18.12.2014	(72) JÜRGENS, Michael
(54) Assembly of an arm head and of an	(33) Germany	(31) 102013202350
adapter for a windscreen wiper system,	(51) B60S 9/04	(32) 13.02.2013
corresponding adapter and corresponding arm	F16H 57/02	(33) Germany
head and wiper system obtained	B60S 9/08	(51) B60T 7/22
(73) Valeo Systèmes d'Essuyage	(11) EP3107770	B60T 1/10
(72) Thebault, Denis	(21) EP15759332.8	(11) EP2987693
Bousset, Xavier	(47) 23.01.2019	(21) EP15182051.1
Petitot, Gilles	(87) US2015015641	(47) 30.01.2019
(31) 1355425	11.09.2015	(22) 21.08.2015
(32) 12.06.2013	(22) 12.02.2015	(54) BRAKING APPARATUS OF VEHICLE
(33) France	(54) POWERED LANDING GEAR	(73) Mitsubishi Jidosha Kogyo Kabushiki Kaisha
(51) B60S 1/52	(73) Jost International Corp.	(72) NAKASO, Hiroyuki
B60S 1/38	(72) LAARMAN, Gregory A.	HAYASHIKAWA, Kazufumi
(11) EP2879922	OESTREICH, Brian E.	(31) 2014169339
(21) EP13756630.3	(31) 201461938940 P	(32) 22.08.2014
(47) 23.01.2019	201461970870 P	(33) Japan
(87) FR2013051843	(32) 12.02.2014	(51) B60T 7/22
06.02.2014	26.03.2014	B60T 7/08
(22) 30.07.2013	(33) United States of America	B60T 7/00
(54) DEVICE FOR CONNECTING A WIPER	United States of America	G05D 1/02
ARM AND A WIPER BLADE TOGETHER	(51) B60S 9/10	G05D 1/00
INCLUDING AN AREA ARRANGED	B66C 23/80	B66F 9/075
TO RECEIVE A PLURALITY OF SPRAY	E02F 9/08	(11) EP2370870
OPENINGS	E04G 21/04	(21) EP09807478.4
(73) Valeo Systèmes d'Essuyage	(11) EP3289151	(47) 30.01.2019
(72) THEBAULT, Denis	(21) EP16718719.4	(87) US2009066789
BOUSSET, Xavier	(47) 30.01.2019	10.06.2010
(31) 1257522	(87) EP2016059484	(22) 04.12.2009
(32) 02.08.2012	03.11.2016	(54) MULTIPLE ZONE SENSING FOR
(33) France	(22) 28.04.2016	MATERIALS HANDLING VEHICLES
(51) B60S 1/56	(54) DRIVABLE WORKING MACHINE AND	(73) Crown Equipment Corporation
H04N 5/217	METHOD FOR OPERATING SAME	(72) ELSTON, Edwin, R.
G02B 27/00	(73) Putzmeister Engineering GmbH	SIEFRING, Vernon, W.
(11) EP3069942	(72) KLEIN, Christiane	JENSEN, Eric, L.
(21) EP16159387.6	HUTH, Tobias	(31) 222632 P
(47) 23.01.2019	MÜLLER, Ansgar	234866 P
(22) 09.03.2016	(31) 102015208071	119952 P
(54) VEHICLE CAMERA CLEANING SYSTEM	(32) 30.04.2015	(32) 02.07.2009
(73) Thunder Power New Energy Vehicle	(33) Germany	18.08.2009
Development Company Limited	(51) B60S 9/12	04.12.2008
(72) Hsiao, Jen-Chieh	(11) EP3224097	(33) United States of America
Wu, Tai-Te	(21) EP16745103.8	United States of America
Chen, Yen-An	(47) 23.01.2019	United States of America
(31) 201562133991 P	(87) EP2016068035	(51) B60T 8/17
201562150848 P	02.02.2017	B60T 8/173
201514883605	(22) 28.07.2016	B60T 13/74
(32) 16.03.2015	(54) LAND VEHICLE HAVING A CHASSIS	(11) EP2799299
22.04.2015	AND A PLURALITY OF ATTACHED	(21) EP12863626.3
14.10.2015	CORNER SUPPORT UNITS	(47) 23.01.2019
(33) United States of America	(73) Hoerbiger Automatisierungstechnik Holding	(87) JP2012083440
United States of America	GmbH	04.07.2013
United States of America	(72) ROIDER, Peter	(22) 25.12.2012
(51) B60S 5/06	(31) 102015112321	(54) BRAKING CONTROL DEVICE FOR
B60L 11/18	(32) 28.07.2015	VEHICLE
(11) EP3233592	(33) Germany	(73) Advics Co., Ltd
(21) EP15813751.3	(51) B60T 7/04	(72) YASUI, Yoshiyuki
(47) 30.01.2019	B60T 8/36	KODAMA, Hiroyuki
(87) EP2015079480	(11) EP2956339	SATAKE, Naotoshi
23.06.2016	(21) EP14703600.8	(31) 2011284590
(22) 11.12.2015	(47) 30.01.2019	(32) 27.12.2011
(54) METHOD FOR CHANGING VEHICLE	(87) EP2014052608	(33) Japan
ENERGY STORES, AND ENERGY STORE	21.08.2014	(51) B60T 8/1761
CHANGING DEVICE	(22) 11.02.2014	B60T 7/22

(11) EP2913235	(22) 18.02.2015	(32) 12.08.2008
(21) EP15155981.2	(54) Brake system and method of control with air gap estimation	(33) Sweden
(47) 30.01.2019	(73) ArvinMeritor Technology, LLC	(51) B60W 10/18
(22) 20.02.2015	(72) Yixin, Yao	B60W 10/20
(54) Vehicle control apparatus and vehicle control method	(31) 201414212602	B60W 30/12
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(32) 14.03.2014	(11) EP2870040
(72) Inoue, Go	(33) United States of America	(21) EP13744682.9
Fujita, Yoshitaka	(51) B60T 17/22	(47) 23.01.2019
(31) 2014035715	(11) EP2465744	(87) FR2013051567
(32) 26.02.2014	(21) EP11185654.8	09.01.2014
(33) Japan	(47) 23.01.2019	(22) 03.07.2013
(51) B60T 13/04	(22) 18.10.2011	(54) DEVICE AND METHOD FOR CONTROLLING THE TRAJECTORY OF A VEHICLE
B60T 13/74	(54) Device and method for detecting leaks in brake cylinder circuits	(73) Renault S.A.S.
F16D 55/226	(73) Bombardier Transportation GmbH	(72) MINOIU-ENACHE, Nicoleta
F16D 65/18	(72) Plamper, Stefan	CHAPUIS, Cédric
(11) EP3271225	Viereck, Uwe	(31) 1256339
(21) EP16710187.2	Reimann, Gunnar	(32) 03.07.2012
(47) 30.01.2019	(31) 102010048818	(33) France
(87) EP2016055698	(32) 20.10.2010	(51) B60W 20/13
22.09.2016	(33) Germany	B60K 6/445
(22) 16.03.2016	(51) B60T 17/22	B60L 11/12
(54) PARKING BRAKE ARRANGEMENT	B60T 8/17	B60L 11/18
(73) Faiveley Transport Nordic AB	(11) EP3288806	B60L 11/14
(72) PERSSON, Tobias	(21) EP15721969.2	B60L 3/00
(31) 1550311	(47) 30.01.2019	B60W 10/26
(32) 16.03.2015	(87) US2015028230	G01R 31/36
(33) Sweden	03.11.2016	H02J 7/00
(51) B60T 13/66	(22) 29.04.2015	(11) EP2596375
B60T 17/22	(54) TRAIN BRAKE SAFETY MONITORING AND FAULT ACTION SYSTEM	(21) EP11760831.5
F16D 55/224	(73) New York Air Brake LLC	(47) 23.01.2019
(11) EP3303082	(72) WRIGHT, Eric, C.	(87) IB2011001692
(21) EP16741976.1	CONNEL, Jason	26.01.2012
(47) 23.01.2019	(51) B60W 10/06	(22) 20.07.2011
(87) FR2016051331	B60W 10/08	(54) VEHICLE CONTROL DEVICE AND VEHICLE CONTROL METHOD
08.12.2016	B60W 30/14	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(22) 03.06.2016	B60K 6/48	(72) IZUMI, Junta
(54) RAILWAY BRAKING SYSTEM FOR A RAILWAY VEHICLE	B60W 20/00	(31) 2010165485
(73) Faiveley Transport Amiens	B60W 30/18	(32) 23.07.2010
(72) THOMAS, Didier	(11) EP2460704	(33) Japan
CROSNIER, Guillaume	(21) EP10425373.7	(51) B60W 20/19
(31) 1555131	(47) 23.01.2019	B60W 20/16
(32) 05.06.2015	(22) 06.12.2010	B60W 10/06
(33) France	(54) Method for actuating the cruise control function in a vehicle equipped with hybrid driving, especially an industrial or commercial vehicle	B60W 10/08
(51) B60T 13/74	(73) Iveco S.p.A.	F02D 41/00
(11) EP2799298	(72) Aimo Boot, Marco	F02D 41/04
(21) EP12863491.2	(51) B60W 10/10	F02D 41/14
(47) 23.01.2019	B60W 10/06	(11) EP3326880
(87) JP2012083442	F16H 59/54	(21) EP17195840.8
04.07.2013	F16H 63/50	(47) 30.01.2019
(22) 25.12.2012	B60T 7/12	(22) 11.10.2017
(54) BRAKE CONTROL APPARATUS FOR VEHICLE	B60W 10/18	(54) METHOD FOR CONTROLLING A HYBRID DRIVE OF A MOTOR VEHICLE AND HYBRID DRIVE OF A MOTOR VEHICLE
(73) Advics Co., Ltd	(11) EP2323883	(73) Bayerische Motoren Werke Aktiengesellschaft
(72) YASUI, Yoshiyuki	(21) EP09806915.6	(72) Bruene, Hans-Juergen
KODAMA, Hiroyuki	(47) 23.01.2019	Azarov, Denis
SATAKE, Naotoshi	(87) SE2009050824	(31) 102016223632
(31) 2011284591	18.02.2010	(32) 29.11.2016
(32) 27.12.2011	(22) 29.06.2009	(33) Germany
(33) Japan	(54) AUTOMATED GEAR SHIFTING SYSTEM AND METHOD	(51) B60W 30/00
(51) B60T 13/74	(73) Scania CV AB (publ)	B60W 40/02
F16D 65/56	(72) BRÄNNSTRÖM, Anders	B60W 30/10
F16D 65/16	(31) 0801783	B60W 30/14
B60T 17/22		
(11) EP2927068		
(21) EP15155613.1		
(47) 30.01.2019		

G05D 1/02	B60C 11/24	MAINLY ACCORDING TO THE WEIGHT
(11) EP2625081	B60W 40/068	OF THE LOAD TO BE TRANSPORTED
(21) EP11831505.0	(11) EP3228515	(73) Lohr Industrie
(47) 23.01.2019	(21) EP15864328.8	(72) ANDRE, Jean-Luc
(87) US2011054899	(47) 23.01.2019	LANGE, Sébastien
12.04.2012	(87) JP2015082236	(31) 1002374
(22) 05.10.2011	09.06.2016	(32) 04.06.2010
(54) DIAGNOSIS FOR AUTONOMOUS	(22) 17.11.2015	(33) France
VEHICLES	(54) ROAD CONDITION DETERMINATION	<hr/>
(73) WAYMO LLC	METHOD	(51) B61D 3/18
(72) DOLGOV, Dmitri, A.	(73) Bridgestone Corporation	B60P 3/07
URMSON, Christopher, Paul	(72) GOTO, Takato	B65D 88/12
(31) 391271 P	HANATSUKA Yasushi	B65D 85/68
201113248674	(31) 2014247254	(11) EP2694345
390094 P	(32) 05.12.2014	(21) EP12767866.2
(32) 08.10.2010	(33) Japan	(47) 23.01.2019
29.09.2011	<hr/>	(87) SE2012050382
05.10.2010	(51) B60W 40/08	11.10.2012
(33) United States of America	B60W 40/10	(22) 10.04.2012
United States of America	B60W 40/06	(54) DEVICE FOR TRANSPORT AND
United States of America	B60W 40/12	STORAGE OF PASSENGER CARS
<hr/>	G01C 21/34	(73) Kyrkbyns Industri AB
(51) B60W 30/14	(11) EP3199417	(72) WÄSTERLID, Kurt
B62D 15/02	(21) EP16002030.1	(31) 1150314
B60W 30/18	(47) 23.01.2019	201161473300 P
B60W 30/16	(22) 25.09.2009	(32) 08.04.2011
B60W 30/10	(54) METHOD FOR FORECASTING THE	08.04.2011
G01S 13/93	EVOLUTION OF THE MAGNITUDE OF A	(33) Sweden
B60W 50/00	DATA FOR A VEHICLE JOURNEY	United States of America
B60K 31/00	(73) Volvo Lastvagnar AB	<hr/>
G05D 1/02	(72) Montelimard, Romain	(51) B61D 17/04
(11) EP3243717	<hr/>	B61D 17/08
(21) EP17168242.0	(51) B60W 40/09	(11) EP3254923
(47) 30.01.2019	G06Q 40/08	(21) EP17175288.4
(22) 26.04.2017	G07C 5/08	(47) 23.01.2019
(54) MOTOR VEHICLE CONTROL DEVICE	H04W 4/40	(22) 09.06.2017
AND METHOD FOR OPERATING THE	(11) EP2939031	(54) RAILWAY VEHICLE BODY STRUCTURE
CONTROL DEVICE FOR AUTONOMOUS	(21) EP13867214.2	AND METHOD OF ASSEMBLY OF SUCH
DRIVING OF A MOTOR VEHICLE	(47) 30.01.2019	A BODY STRUCTURE
(73) VOLKSWAGEN	(87) US2013077544	(73) ALSTOM Transport Technologies
AKTIENGESELLSCHAFT	03.07.2014	(72) ROLL, Stephane
(72) Ulbrich, Simon	(22) 23.12.2013	GRIES, Olivier
Großjohann, Simon	(54) METHODS AND SYSTEMS FOR DRIVER	(31) 1655298
Appelt, Christian	IDENTIFICATION	(32) 09.06.2016
Homeier, Kai	(73) TrueMotion, Inc.	(33) France
(31) 102016208000	(72) CORDOVA, Brad	<hr/>
(32) 10.05.2016	ADELMANN, Joe	(51) B61F 5/30
(33) Germany	(31) 201261745931 P	B61F 5/32
<hr/>	201261745934 P	(11) EP3222486
(51) B60W 30/18	201261745935 P	(21) EP17162857.1
B60K 25/06	201361882383 P	(47) 23.01.2019
G05B 11/60	(32) 26.12.2012	(22) 24.03.2017
E02F 9/20	26.12.2012	(54) RAILWAY VEHICLE BOGIE
G05D 17/00	25.09.2013	COMPRISING A LOWERED BODY
E02F 9/22	(33) United States of America	(73) ALSTOM Transport Technologies
B60W 30/188	United States of America	(72) COTTIN, Fabrice
(11) EP2121404	United States of America	(31) 1652637
(21) EP07709348.2	United States of America	(32) 25.03.2016
(47) 23.01.2019	United States of America	(33) France
(87) SE2007000133	<hr/>	(51) B61F 15/28
21.08.2008	(51) B61D 3/04	H01R 4/00
(22) 13.02.2007	B61D 3/18	H01R 39/64
(54) A METHOD AND A SYSTEM FOR	B61D 3/16	(11) EP2724913
CONTROLLING AN INPUT POWER	(11) EP3269612	(21) EP13190175.3
(73) Volvo Construction Equipment AB	(21) EP17182226.5	(47) 23.01.2019
(72) EKVALL, Andreas	(47) 30.01.2019	(22) 25.10.2013
KARLSSON, Jan	(22) 31.05.2011	(54) Electric current return device for railway
<hr/>	(54) RAILWAY TRANSPORT VEHICLE WITH	vehicles
(51) B60W 40/06	INTERFACE FOR COMPENSATING	(73) Ateliers Hubert Gerken
B60C 19/00	HEIGHT RELATIVE TO THE GROUND,	(72) Deleu, Roger
B60T 8/172		(31) 201200735

201200870	(54) Stair climbing device and controlling method of its stepping unit	(72) LEE, Chang Hwan
(32) 26.10.2012		(31) 20080016691 U
24.12.2012	(73) AAT Alber Antriebstechnik GmbH	(32) 16.12.2008
(33) Belgium	(31) 102012205204	(33) Korea (Republic)
Belgium	(32) 30.03.2012	
(51) B61G 3/16	(33) Germany	(51) B62D 7/06
(11) EP2616303	(51) B62B 7/06	B60G 3/20
(21) EP11825524.9	B62B 9/26	B62D 7/20
(47) 30.01.2019	B62B 7/14	(11) EP3265364
(87) SE2011050984	(11) EP3159239	(21) EP16701537.9
22.03.2012	(21) EP16194539.9	(47) 23.01.2019
(22) 09.08.2011	(47) 23.01.2019	(87) EP2016051616
(54) A MECHANICAL COUPLING IN A DRAFTGEAR	(22) 19.10.2016	09.09.2016
(73) Ego International B.V.	(54) FOLDABLE CARRIAGE FOR BABY STROLLERS	(22) 27.01.2016
(72) WESTMAN, Anders	(73) PEG PEREGO S.p.a.	(54) INDEPENDENT SUSPENSION SYSTEM WITH A HIGH STEERING ANGLE
HISWÅLS, Fredrik	(72) PEREGO, LUCIO	(73) ZF Friedrichshafen AG
(31) 1050952	(31) UB20155203	(72) NEU, Alexander
(32) 14.09.2010	(32) 19.10.2015	GILSDORF, Heinz-Joachim
(33) Sweden	(33) Italy	FÖRSTER, Christian
(51) B61L 3/12	(51) B62D 1/04	LEHMKUHL, Tom
B61L 15/00	B62D 1/28	(31) 102015203632
B61L 27/00	(11) EP3286065	(32) 02.03.2015
B61L 27/04	(21) EP16708383.1	(33) Germany
G06F 1/16	(47) 30.01.2019	(51) B62D 7/16
G05D 1/00	(87) EP2016054365	B62D 3/12
G05B 9/02	27.10.2016	(11) EP2733048
(11) EP3182239	(22) 02.03.2016	(21) EP13192690.9
(21) EP15844834.0	(54) ARRANGEMENT OF A STEERING WHEEL IN A MOTOR VEHICLE SUITABLE FOR AUTONOMOUS DRIVING	(47) 23.01.2019
(47) 23.01.2019	(73) Bayerische Motoren Werke Aktiengesellschaft	(22) 13.11.2013
(87) JP2015075451	(72) SCHWARZ, Felix	(54) Steering System
31.03.2016	EICHHORN, Julian	(73) JTEKT CORPORATION
(22) 08.09.2015	KERSCHBAUM, Philipp	(72) Ohashi, Tatsuya
(54) VEHICLE OPERATING DEVICE, AND VEHICLE	(31) 102015207477	(31) 2012252332
(73) Mitsubishi Heavy Industries Engineering, Ltd.	(32) 23.04.2015	(32) 16.11.2012
(72) KIMURA Keisuke	(33) Germany	(33) Japan
MASUMORI Kenta	(51) B62D 1/181	(51) B62D 7/20
SHINOKI Fujio	B62D 1/28	B62D 7/16
KAWAMOTO Satoshi	(11) EP3180227	(11) EP3180231
(31) 2014192769	(21) EP15738883.6	(21) EP15734160.3
(32) 22.09.2014	(47) 30.01.2019	(47) 30.01.2019
(33) Japan	(87) EP2015065894	(87) EP2015065279
(51) B62B 3/10	18.02.2016	18.02.2016
B62B 3/14	(22) 10.07.2015	(22) 06.07.2015
(11) EP2590849	(54) VEHICLE STEERING SYSTEM	(54) TRACK ROD OR STEERING ROD FOR A VEHICLE
(21) EP11743302.9	(73) Bayerische Motoren Werke Aktiengesellschaft	(73) ZF Friedrichshafen AG
(47) 23.01.2019	(72) SCHMIDT, Roland	(72) REDDEHASE, Günter
(87) FR2011051604	SCHOLZ, Hubert	STRENGE, Christian
12.01.2012	(31) 102014216140	(31) 102014215878
(22) 06.07.2011	(32) 13.08.2014	(32) 11.08.2014
(54) SHOPPING TROLLEY	(33) Germany	(33) Germany
(73) Altia Industry	(51) B62D 6/10	(51) B62D 11/18
(72) JOSEPH, Alice	B62D 15/02	B60K 17/14
LE MARCHAND, Alain	G01L 5/22	B62D 51/00
(31) 1055481	G01D 11/24	B62D 51/06
(32) 06.07.2010	(11) EP2360079	B60K 26/04
(33) France	(21) EP09833562.3	B60K 17/10
(51) B62B 5/02	(47) 30.01.2019	F16H 61/435
A61G 5/06	(87) KR2009003580	(11) EP2607209
B62B 5/00	24.06.2010	(21) EP11405376.2
B62B 1/10	(22) 01.07.2009	(47) 30.01.2019
(11) EP2644473	(54) STEERING SENSOR ASSEMBLY	(22) 23.12.2011
(21) EP13157143.2	(73) LG Innotek Co., Ltd.	(54) Self-propelled work machine with at least one axle for operating and/or transporting attached work devices or attached vehicles
(47) 23.01.2019		(73) Rapid Technic AG
(22) 28.02.2013		(72) Häfeli, Christian

(51) B62D 15/02	RAFFY, PHILIPPE	(54) METHOD FOR THE PRODUCTION OF A
(11) EP3219583	(31) 1554129	VEHICLE AND VEHICLE COMPRISING
(21) EP17159851.9	(32) 07.05.2015	A COMPOSITE FLOOR
(47) 30.01.2019	(33) France	(73) Renault s.a.s
(22) 08.03.2017	(51) B62D 25/20	Flex-N-Gate France
(54) METHOD FOR AT LEAST SEMI-	(11) EP3003832	(72) JAUNASSE, Philippe
AUTOMATIC PARKING OF A MOTOR	(21) EP14807896.7	GUYON, Cyrille
VEHICLE, DRIVER ASSISTANCE	(47) 30.01.2019	(31) 1458842
SYSTEM AND MOTOR VEHICLE	(87) FR2014051161	(32) 18.09.2014
(73) Valeo Schalter und Sensoren GmbH	11.12.2014	(33) France
(72) Ayyappan, Thirumalai Kumarasamy	(22) 20.05.2014	(51) B62D 33/04
(31) 102016104572	(54) FRONT PORTION OF THE STRUCTURE	(11) EP3210864
(32) 14.03.2016	OF A MOTOR VEHICLE	(21) EP17156463.6
(33) Germany	(73) Renault S.A.S.	(47) 30.01.2019
(51) B62D 15/02	(72) BEZEAULT, Loic	(22) 16.02.2017
B60W 30/188	COMA, Gilles	(54) REFRIGERATED VEHICLE BODY
B60W 50/00	DUHEM, Xavier	PANEL
(11) EP3219584	GUICHETEAU, Clement	(73) Jean Chereau SAS
(21) EP17160354.1	(31) 1355048	(72) CHAILLOU, Frédéric
(47) 30.01.2019	(32) 03.06.2013	COURTEILLE, Benoît
(22) 10.03.2017	(33) France	(31) 1651465
(54) METHOD FOR AT LEAST SEMI	(51) B62D 25/20	(32) 23.02.2016
AUTOMATIC PARKING OF A MOTOR	B60G 9/02	(33) France
VEHICLE, DRIVER ASSISTANCE	(11) EP3119665	(51) B62D 33/06
SYSTEM AND MOTOR VEHICLE	(21) EP15709227.1	B60R 3/02
(73) Valeo Schalter und Sensoren GmbH	(47) 30.01.2019	B60J 5/04
(72) AYYAPPAN, Thirumalai Kumarasamy	(87) FR2015050297	B61D 23/02
(31) 102016104575	24.09.2015	(11) EP3187373
(32) 14.03.2016	(22) 09.02.2015	(21) EP16201496.3
(33) Germany	(54) REAR STRUCTURE OF A MOTOR	(47) 23.01.2019
(51) B62D 21/11	VEHICLE	(22) 30.11.2016
B62D 27/06	(73) Renault S.A.S.	(54) A SELF-PROPELLED WORKING
(11) EP3156309	(72) CAILLARD, Jerome	MACHINE
(21) EP16193622.4	HLUBINA, Thierry	(73) Manitou Italia S.r.l.
(47) 23.01.2019	RIOULT, Olivier	(72) IOTTI, Marco
(22) 13.10.2016	(31) 1452230	(31) UB20159622
(54) FRONT PORTION OF A MOTOR	(32) 18.03.2014	(32) 28.12.2015
VEHICLE WITH REMOVABLE	(33) France	(33) Italy
EXTENSION	(51) B62D 25/20	(51) B62D 35/00
(73) Renault S.A.S.	B62D 27/02	B29C 45/00
(72) BOURLON, Franck	(11) EP3041729	(11) EP3237269
(31) 1559737	(21) EP14777717.1	(21) EP15816670.2
(32) 13.10.2015	(47) 30.01.2019	(47) 30.01.2019
(33) France	(87) FR2014052201	(87) EP2015002584
(51) B62D 25/08	12.03.2015	30.06.2016
(11) EP3090924	(22) 05.09.2014	(22) 21.12.2015
(21) EP16168030.1	(54) MOTOR VEHICLE FLOOR HAVING	(54) SIDE SPOILER FOR A MOTOR VEHICLE
(47) 23.01.2019	AN UPPER REINFORCING SKIN AND	(73) REHAU AG + Co
(22) 03.05.2016	AN ACCESSIBILITY OPENING FOR	(72) KAMMERER, Jörg
(54) WINDSHIELD BAY CROSS MEMBER	ACCESSING HOLLOW BODIES	VOGEL, Matthias
FOR A MOTOR VEHICLE AND	(73) Compagnie Plastic Omnium	STEIN, David
ASSOCIATED MOTOR VEHICLE	(72) STABLO, Frédéric	(31) 202014106201 U
(73) Renault S.A.S.	CHERON, Hugues	202015100661 U
(72) FOUBERT, VINCENT	(31) 1358605	(32) 22.12.2014
RAFFY, PHILIPPE	(32) 06.09.2013	11.02.2015
(31) 1554132	(33) France	(33) Germany
(32) 07.05.2015	(51) B62D 29/04	Germany
(33) France	B62D 25/20	(51) B62D 55/21
(51) B62D 25/08	B62D 29/00	B62D 55/20
(11) EP3090925	B60R 13/08	B62D 55/12
(21) EP16168042.6	B62D 65/02	(11) EP2977301
(47) 23.01.2019	(11) EP3194253	(21) EP15166208.7
(22) 03.05.2016	(21) EP15766488.9	(47) 30.01.2019
(54) WINDSHIELD BAY CROSS MEMBER	(47) 23.01.2019	(22) 04.05.2015
FOR A MOTOR VEHICLE AND	(87) EP2015071503	(54) CHAIN LINK FOR A CATERPILLAR-
ASSOCIATED MOTOR VEHICLE	24.03.2016	TYPE DRIVE
(73) Renault S.A.S.	(22) 18.09.2015	(73) Liebherr-Mining Equipment Colmar SAS
(72) FOUBERT, VINCENT		(72) Neyer, Frédéric

(31) 102014011143	(22) 27.02.2014	THE LENGTH OF AT LEAST ONE AIR CAVITY
(32) 25.07.2014	(54) TWO-WHEELED MOTOR VEHICLE	(73) Technische Universiteit Delft
(33) Germany	(73) Yamaha Hatsudoki Kabushiki Kaisha	(72) WESTERWEEL, Jerry
(51) B62D 55/21	(72) HASHIMOTO, Yasushi	VAN TERWISGA, Thomas Jan Cornelis
B62D 55/275	(31) 2013045435	ZVERKHOVSKIY, Oleksandr
B62D 55/28	(32) 07.03.2013	(31) 2011841
B62D 55/20	(33) Japan	(32) 26.11.2013
B62D 55/26	(51) B62K 5/05	(33) Netherlands
(11) EP3237270	B62J 23/00	(51) B63B 7/08
(21) EP15825690.9	B62J 99/00	B63B 27/30
(47) 30.01.2019	F02M 35/16	B63C 9/00
(87) US2015065448	B62K 5/06	(11) EP3109148
30.06.2016	B62K 5/08	(21) EP16162779.9
(22) 14.12.2015	B62K 5/10	(47) 23.01.2019
(54) REVERSIBLE TRACK LINK SYSTEM	F02M 35/024	(22) 30.03.2016
(73) Caterpillar Inc.	B62D 61/06	(54) LINING AND RESCUE FLOAT
(72) OERTLEY, Thomas E.	(11) EP3202650	(73) Industrias Ferri, S.A.
(31) 201462095484 P	(21) EP15847190.4	(72) RUPPEN CAÑÁS, Francisco José
201514937462	(47) 23.01.2019	(31) 201530923
(32) 22.12.2014	(87) JP2015077377	(32) 26.06.2015
10.11.2015	07.04.2016	(33) Spain
(33) United States of America	(22) 28.09.2015	(51) B63B 21/16
United States of America	(54) VEHICLE	B63B 21/66
(51) B62J 15/00	(73) Yamaha Hatsudoki Kabushiki Kaisha	B63H 1/10
B62K 5/027	(72) HIRAKAWA Nobuhiko	B63B 35/68
B62K 5/05	SUZUKI Hiroshi	(11) EP3099564
B62K 5/10	(31) 2014199003	(21) EP15701806.0
B62K 5/08	(32) 29.09.2014	(47) 30.01.2019
(11) EP3002186	(33) Japan	(87) EP2015051906
(21) EP14819506.8	(51) B62K 19/16	06.08.2015
(47) 30.01.2019	(11) EP2881313	(22) 30.01.2015
(87) JP2014067482	(21) EP14195609.4	(54) VESSEL, IN PARTICULAR A TUG
08.01.2015	(47) 30.01.2019	(73) Voith Patent GmbH
(22) 30.06.2014	(22) 01.12.2014	(72) JÜRGENS, Dirk
(54) VEHICLE	(54) Body frame structure for saddle-ride type vehicle	PALM, Michael
(73) Yamaha Hatsudoki Kabushiki Kaisha	(73) HONDA MOTOR CO., LTD.	SINGER, Sebastian
(72) SASAKI, Kaoru	(72) Shimozato, Noriya	(31) 102014201745
OHTA, Mitsuaki	Kunikiyo, Katsuhiko	(32) 31.01.2014
TAKANO, Kazuhisa	Mizukura, Yuki	(33) Germany
(31) 2013138484	Sasaki, Takashi	(51) B63B 21/66
2013138485	Nishioka, Makoto	(11) EP3201073
(32) 01.07.2013	(31) 2013253318	(21) EP15775175.1
01.07.2013	(32) 06.12.2013	(47) 30.01.2019
(33) Japan	(33) Japan	(87) EP2015072740
Japan	(51) B63B 1/38	07.04.2016
(51) B62J 25/00	(11) EP2651753	(22) 01.10.2015
B62J 17/00	(21) EP10807528.4	(54) SUBMERGED OBJECT SUSPENDED
(11) EP3305639	(47) 23.01.2019	FROM A TOWING CABLE OPTIMISED
(21) EP17194657.7	(87) FR2010052716	TO NEUTRALISE DISRUPTING
(47) 23.01.2019	21.06.2012	HYDRODYNAMIC FORCES
(22) 04.10.2017	(22) 14.12.2010	(73) THALES
(54) STRADDLED VEHICLE	(54) DEVICE FOR REDUCING THE FRICTION	(72) JOURDAN, Michaël
(73) Yamaha Hatsudoki Kabushiki Kaisha	FORCES BETWEEN A SUBMERGED	BOREL, Christophe
(72) KITAURA, Toshiaki	SURFACE OF A CRAFT AND THE	(31) 1402209
(31) 2016196789	WATER	(32) 01.10.2014
(32) 04.10.2016	(73) Colas, Olivier	(33) France
(33) Japan	(72) Colas, Olivier	(51) B63B 21/66
(51) B62J 99/00	(51) B63B 1/38	B66D 1/36
B62J 6/04	(11) EP3074304	H01B 7/14
B62J 15/00	(21) EP14810016.7	(11) EP3261914
B62J 23/00	(47) 30.01.2019	(21) EP16707699.1
H01Q 1/32	(87) NL2014050802	(47) 30.01.2019
H01Q 21/29	04.06.2015	(87) EP2016054151
(11) EP2965979	(22) 25.11.2014	01.09.2016
(21) EP14760526.5	(54) A FLAT-BOTTOMED VESSEL AND	(22) 26.02.2016
(47) 30.01.2019	A METHOD FOR CONTROLLING	(54) FAIRING, FAIRED CABLE AND TOWING
(87) JP2014054955		ARRANGEMENT
12.09.2014		

(73) Thales	(22) 07.02.2013	(51) B64C 9/00
(72) WARNAN, François	(54) A PROPULSOR ARRANGEMENT FOR	B64C 27/615
JOURDAN, Michaël	A MARINE VESSEL AND A MARINE	B64C 27/72
JEZEQUEL, Olivier	VESSEL CONSTRUCTED WITH THIS	(11) EP2094562
(31) 1500389	TYPE OF PROPULSOR ARRANGEMENT	(21) EP07875042.9
(32) 27.02.2015	(73) Rolls-Royce AB	(47) 23.01.2019
(33) France	(72) HENRIKSEN, Thomas	(87) US2007084396
(51) B63B 25/02	(31) 1250089	04.12.2008
B63C 9/26	(32) 07.02.2012	(22) 12.11.2007
B60P 7/08	(33) Sweden	(54) SELF-LUBRICATED ACTUATOR FOR
B66C 1/12	(51) B63H 23/32	ON-BLADE ROTOR CONTROL
D04G 1/00	F16J 15/46	(73) Sikorsky Aircraft Corporation
(11) EP3110688	F16J 15/00	(72) COLLINS, Andrew John
(21) EP14815853.8	F16J 15/3232	CHAUDHRY, Zaffir
(47) 30.01.2019	(11) EP2646315	JONSSON, Ulf J.
(87) GB2014053823	(21) EP10861070.0	SUN, Fanping
02.07.2015	(47) 30.01.2019	WAKE, Brian E.
(22) 22.12.2014	(87) FI2010050993	O'CALLAGHAN, Michael G.
(54) NETWORK INTERSECTIONS, METHOD	28.06.2012	YEH, Jimmy Lin-min
FOR THEIR ASSEMBLY AND DEVICES	(22) 02.12.2010	(31) 567773
COMPRISING THEM	(54) SEAL ARRANGEMENT FOR A	(32) 07.12.2006
(73) Wisla Narrow Fabrics Limited	PROPELLER SHAFT AND METHOD FOR	(33) United States of America
(72) KOZACZEK, Edward	SEALING A PROPELLER SHAFT	(51) B64C 9/16
TAYLOR, David	(73) ABB Oy	B64C 9/22
(31) 201322903	(72) PALOKANGAS, Sami	B64D 45/00
(32) 23.12.2013	(51) B64C 1/06	(11) EP2666716
(33) United Kingdom	B23K 20/12	(21) EP13168099.3
(51) B63C 11/02	B29C 65/00	(47) 23.01.2019
A45F 3/14	F16B 5/08	(22) 16.05.2013
A45F 3/10	B23K 20/00	(54) Integrated torque limiter/no-back device
(11) EP2437975	B29C 65/48	(73) Hamilton Sundstrand Corporation
(21) EP10784215.5	B29C 65/56	(72) Finney, Adam M.
(47) 23.01.2019	B29C 65/72	(31) 201213478172
(87) US2010037549	B64C 1/12	(32) 23.05.2012
09.12.2010	B64C 1/00	(33) United States of America
(22) 05.06.2010	B32B 37/06	(51) B64C 11/26
(54) CONTINUOUS WEAVE QUICK ADJUST	B32B 37/18	B64C 11/06
HARNES BACKPLATE SYSTEM	B32B 38/00	F01D 5/30
(73) Halcyon Manufacturing, Inc.	B23K 31/02	(11) EP2862799
(72) JABLONSKI, Jarrod	B29L 31/30	(21) EP14188983.2
(31) 184625 P	(11) EP3061684	(47) 30.01.2019
(32) 05.06.2009	(21) EP15202483.2	(22) 15.10.2014
(33) United States of America	(47) 30.01.2019	(54) Retention assembly for a propeller blade
(51) B63H 1/06	(22) 17.10.2013	(73) Hamilton Sundstrand Corporation
B64C 27/46	(54) METHOD OF JOINING PANELS FOR AN	(72) Nagle, David P.
(11) EP1991458	AIRFRAME	Carvalho, Paul A.
(21) EP06836361.3	(73) Airbus Operations GmbH	(31) 201314056322
(47) 30.01.2019	Airbus Defence and Space GmbH	(32) 17.10.2013
(87) US2006040668	(72) Elze, Stefan	(33) United States of America
13.09.2007	Pacchione, Marco	(51) B64C 11/32
(22) 17.10.2006	Silvanus, Jürgen	B64C 11/44
(54) ROTOR BLADE TIP PLAN FORM	(51) B64C 7/00	B64C 11/06
(73) Sikorsky Aircraft Corporation	B64C 9/02	(11) EP3305657
(72) MOFFITT, Robert, C.	B64C 5/02	(21) EP17155016.3
EGOLF, Thomas, Alan	B64C 9/08	(47) 23.01.2019
BEATTY, Robert, D.	(11) EP3222515	(22) 07.02.2017
KARPOWICH, John, K.	(21) EP17162428.1	(54) ELECTRICAL ADJUSTMENT
(31) 370407	(47) 23.01.2019	PROPELLER ARRANGEMENT
(32) 08.03.2006	(22) 22.03.2017	(73) MT-Propeller Entwicklung GmbH
(33) United States of America	(54) SEALING DEVICE AND ASSOCIATED	(72) Albrecht, Martin
(51) B63H 5/125	FLIGHT CONTROL SURFACE	Mühlbauer, Gerd
B63B 35/08	MECHANISM AND AIRCRAFT	(31) 102016118822
B63H 25/42	(73) Airbus S.A.S.	(32) 05.10.2016
(11) EP2812240	(72) ZHANG, Feng	(33) Germany
(21) EP13746664.5	GUO, Li	(51) B64C 13/28
(47) 23.01.2019	(31) 201610169346	B64C 3/56
(87) SE2013050102	(32) 23.03.2016	B64C 23/06
15.08.2013	(33) China	(11) EP3093233

(21) EP16169549.9	(33) Japan	A47C 3/18
(47) 23.01.2019	(51) B64D 1/04	A61G 5/00
(22) 13.05.2016	B64D 7/00	B60N 2/90
(54) FOLDING WING TIP AND ROTATING LOCKING DEVICE	B64D 37/12	(11) EP3231662
(73) Airbus Operations Limited	F41F 7/00	(21) EP17166450.1
(72) Korya, Chetan	B64D 1/08	(47) 30.01.2019
Bryant, Anthony	F41F 3/065	(22) 13.04.2017
Harding, Matt	F41F 5/00	(54) OVERRIDE BYPASS ASSEMBLY FOR A SEAT LOCKING MECHANISM
Brakes, David	F41F 3/052	(73) Goodrich Corporation
(31) 201508424	F41F 3/06	(72) DAVIS, Kenneth J.
(32) 15.05.2015	(11) EP3075657	HYDE, Patrick Emmett
(33) United Kingdom	(21) EP16162160.2	TEDTMAN, Scott H.
(51) B64C 13/40	(47) 30.01.2019	(31) 201615130228
B64D 41/00	(22) 24.03.2016	(32) 15.04.2016
B64C 13/42	(54) MULTIFUNCTION POD FOR AN AIRCRAFT	(33) United States of America
F15B 18/00	(73) Airbus Defence and Space GmbH	(51) B64D 11/06
B64C 29/00	(72) Christof, Horst	A47C 7/54
B64C 27/28	(31) 102015004111	B61D 33/00
(11) EP3378763	(32) 31.03.2015	B60N 2/70
(21) EP18155552.5	(33) Germany	B60N 2/75
(47) 30.01.2019	(51) B64D 11/00	(11) EP2981467
(22) 07.02.2018	B64D 11/06	(21) EP14715237.5
(54) AIRCRAFT HYDRAULIC SYSTEMS HAVING SHARED COMPONENTS	E05D 15/58	(47) 30.01.2019
(73) Bell Helicopter Textron Inc.	E06B 3/50	(87) EP2014056142
(72) ELVING, Carl Theodore	(11) EP3225548	09.10.2014
REYNOLDS, Robert Paul	(21) EP17162978.5	(22) 27.03.2014
HAWTHORNE, David Alan	(47) 23.01.2019	(54) ARMREST
FENNY, Carlos Alexander	(22) 27.03.2017	(73) Recaro Aircraft Seating GmbH & Co. KG
(31) 201715466655	(54) PASSENGER SEATING WITH MULTI-MODE PRIVACY DOOR	(72) TUTE, Christopher
(32) 22.03.2017	(73) Thompson Aero Seating Limited	SCHMIDT, Marc
(33) United States of America	(72) ROBINSON, Aaron	(31) 102013103382
(51) B64C 27/14	(31) 201605539	(32) 04.04.2013
(11) EP3293111	(32) 01.04.2016	(33) Germany
(21) EP17186975.3	(33) United Kingdom	(51) B64D 11/06
(47) 23.01.2019	(51) B64D 11/04	B60N 2/02
(22) 18.08.2017	(11) EP3038917	B60N 2/14
(54) A MECHANICAL MOTION TRANSMISSION SYSTEM AND AN AIRCRAFT FITTED WITH A CORRESPONDING SYSTEM	(21) EP14761549.6	B60N 2/06
(73) Airbus Helicopters	(47) 30.01.2019	B60N 2/07
(72) DE MEERSCHMAN, Olivier	(87) US2014053263	B60N 2/90
(31) 1601332	05.03.2015	(11) EP3231709
(32) 09.09.2016	(22) 28.08.2014	(21) EP17166573.0
(33) France	(54) DEVICE FOR REVERSING CHILLER AIRFLOW IN AN AIRCRAFT GALLEY	(47) 30.01.2019
(51) B64C 39/02	(73) B/E Aerospace, Inc.	(22) 13.04.2017
B64C 13/20	(72) BURD, Peter John Leslie	(54) CARRIAGE ASSEMBLY FOR A SEAT LOCKING MECHANISM
B64D 47/08	(31) 201361872420 P	(73) Goodrich Corporation
G01S 17/02	201414464988	(72) DAVIS, Kenneth J.
G01S 7/481	(32) 30.08.2013	HYDE, Patrick Emmett
G03B 13/20	21.08.2014	TEDTMAN, Scott H.
G03B 37/04	(33) United States of America	(31) 201615130243
H04N 7/18	United States of America	(32) 15.04.2016
(11) EP2353999	(51) B64D 11/06	(33) United States of America
(21) EP09830315.9	(11) EP3056429	(51) B64D 11/06
(47) 23.01.2019	(21) EP16154898.7	B60P 7/08
(87) JP2009069723	(47) 23.01.2019	B60N 2/07
10.06.2010	(22) 09.02.2016	F16C 29/00
(22) 20.11.2009	(54) DECOUPLED AIRCRAFT SEAT ACTUATOR	F16C 29/04
(54) UNMANNED AIRCRAFT AND AERIAL SURVEILLANCE SYSTEM FOR UNMANNED AIRCRAFT	(73) AMI Industries, Inc.	(11) EP3219615
(73) Mitsubishi Heavy Industries, Ltd.	(72) HOOVER, Douglas E.	(21) EP16160233.9
(72) SUZUKI Satoshi	FERGUSON, Keith M.	(47) 23.01.2019
(31) 2008309123	(31) 201514618033	(22) 14.03.2016
(32) 03.12.2008	(32) 10.02.2015	(54) SEAT FASTENING DEVICE
	(33) United States of America	(73) Airbus Defence and Space GmbH
	(51) B64D 11/06	(72) Olulana, Paul
		Rollfink, Patrick
		(51) B64D 11/06
		B60R 11/02

B64D 11/00	(54) DISPLAY DEVICE FOR DISPLAYING AN	(47) 30.01.2019
(11) EP3283374	ACTIVATION STATUS OF AN ESCAPE	(22) 14.03.2016
(21) EP16716840.0	SLIDE IN AN AIRCRAFT	(54) STATIC DISCHARGER, AIRCRAFT AND
(47) 30.01.2019	(73) Airbus Operations GmbH	INSTALLATION PROCESS FOR THE
(87) EP2016057431	(72) Heuer, Carsten	STATIC DISCHARGER
20.10.2016	Waigl, Ilja	(73) Airbus (Beijing) Engineering Centre
(22) 05.04.2016	(51) B64D 27/18	Company Limited
(54) DEVICE FOR SUPPORTING A	B64D 29/08	(72) WANG, Long
PORTABLE DEVICE FOR AN	(11) EP3075661	HAN, Zengli
AEROPLANE SEAT	(21) EP16161869.9	(31) 201510111311
(73) Zodiac Seats France	(47) 23.01.2019	(32) 13.03.2015
(72) CASTAING, Nathalie	(22) 23.03.2016	(33) China
BONNEFOY, Bastien	(54) ENGINE COWL OF AN AIRCRAFT GAS	(51) B64D 47/04
MENARD, Sébastien	TURBINE	B64D 47/08
THAVANAUD, Thierry	(73) Rolls-Royce Deutschland Ltd & Co KG	(11) EP3231714
MONTEIRO, Jean-Pierre	(72) TODOROVIC, Predrag	(21) EP17162295.4
(31) 201562146674 P	(31) 102015206093	(47) 23.01.2019
(32) 13.04.2015	(32) 02.04.2015	(22) 22.03.2017
(33) United States of America	(33) Germany	(54) SYSTEMS AND METHODS FOR
(51) B64D 11/06	(51) B64D 27/24	LANDING LIGHTS
B64D 13/00	B64D 27/02	(73) Goodrich Corporation
B60Q 3/44	(11) EP2581308	(72) Ell, Todd
B60Q 3/47	(21) EP12187088.5	(31) 201615099220
B64D 11/00	(47) 23.01.2019	(32) 14.04.2016
(11) EP2512920	(22) 03.10.2012	(33) United States of America
(21) EP10792909.3	(54) A distributed propulsion system and method	(51) B64F 5/00
(47) 30.01.2019	of control	C23C 24/04
(87) EP2010069702	(73) Rolls-Royce plc	(11) EP3095711
14.07.2011	(72) Rolt, Andrew	(21) EP16169417.9
(22) 15.12.2010	(31) 201117692	(47) 30.01.2019
(54) SUPPLY MODULE FOR PASSENGER	(32) 13.10.2011	(22) 12.05.2016
TRANSPORT VEHICLES	(33) United Kingdom	(54) METHODS FOR RESTORING AN
(73) Airbus Operations GmbH	(51) B64D 27/26	AIRCRAFT FRAME ELEMENT
(72) RIEDEL, Christian	F02C 7/20	(73) RUAG Australia Pty Ltd
FISCHER, Wolfgang	(11) EP2841339	(72) Matthews, Neil
(31) 286483 P	(21) EP13781678.1	Jones, Rhys
102009058312	(47) 23.01.2019	(31) 201562164702 P
(32) 15.12.2009	(87) US2013025022	(32) 21.05.2015
15.12.2009	31.10.2013	(33) United States of America
(33) United States of America	(22) 07.02.2013	(51) B64F 5/10
Germany	(54) REDUNDANT FASTENING OF A	(11) EP3257755
(51) B64D 13/06	TURBINE EXHAUST CASE MOUNT	(21) EP17175304.9
(11) EP3098165	(73) United Technologies Corporation	(47) 23.01.2019
(21) EP16171414.2	(72) SUCIU, Gabriel, L.	(22) 09.06.2017
(47) 23.01.2019	ALVANOS, Ioannis	(54) METHOD FOR ADJUSTING THE
(22) 25.05.2016	(31) 201213456436	POSITIONING OF ELEMENTS OF A
(54) AIRCRAFT ENVIRONMENTAL	(32) 26.04.2012	STRUCTURE OF AN AIRCRAFT AND
CONTROL SYSTEM	(33) United States of America	DEVICE FOR IMPLEMENTING SAME
(73) Hamilton Sundstrand Corporation	(51) B64D 37/32	(73) Airbus Operations S.A.S.
(72) BRUNO, Louis J.	A62C 3/08	(72) BRETON, Jean-Marc
HIPSKY, Harold W.	(11) EP3318496	BRY, Jean-Christophe
ARMY, Donald E.	(21) EP17199321.5	MIGNE, Janick
KLINE, Erin G.	(47) 30.01.2019	SERRANO, Laurent
MILLOT, Christina W.	(22) 31.10.2017	(31) 1655419
D'ORLANDO, Paul	(54) FUEL TANK INERTING SYSTEM, AND	(32) 13.06.2016
(31) 201514721603	METHOD OF CONTROLLING THE	(33) France
(32) 26.05.2015	SYSTEM	(51) B64F 5/40
(33) United States of America	(73) Zodiac Aerotechnics	B25B 23/00
(51) B64D 25/14	(72) VANDROUX, Olivier	B25B 27/02
B64D 45/00	MISSOU, Jérémié	(11) EP3239055
B64D 47/02	(31) 1660790	(21) EP16400013.5
G01C 9/00	(32) 08.11.2016	(47) 30.01.2019
B64C 1/14	(33) France	(22) 25.04.2016
G01C 19/00	(51) B64D 45/02	(54) EXTRACTING DEVICE FOR
(11) EP3159266	H05F 3/00	EXTRACTING A TRIM WEIGHT FROM A
(21) EP15191318.3	(11) EP3067276	ROTOR BLADE
(47) 30.01.2019	(21) EP16160237.0	(73) AIRBUS HELICOPTERS DEUTSCHLAND
(22) 23.10.2015		GmbH

(72) Tannhaeuser, Alois	F02K 9/60	(32) 15.03.2013
(51) B64G 1/10	F17C 13/00	(33) United States of America
B64G 1/24	F17C 3/04	(51) B65B 43/46
(11) EP3135591	(11) EP2809581	(11) EP3257764
(21) EP16178200.8	(21) EP13701794.3	(21) EP16174643.3
(47) 30.01.2019	(47) 23.01.2019	(47) 30.01.2019
(22) 06.07.2016	(87) EP2013051851	(22) 15.06.2016
(54) ADAPTIVE SCAN RATE SPACE SURVEILLANCE SENSOR FOR SUPER-GEO ORBITS	(22) 08.08.2013	(54) AN AUTOMATIC PACKAGING MACHINE FOR FILLING A BAG MADE OF A HEAT-SEALABLE MATERIAL WITH A DOSE OF A LOOSE PRODUCT
(73) The Boeing Company	(54) TANK FOR A LAUNCH VEHICLE AND METHOD OF FABRICATION OF ITS OUTER LAYER	(73) Volpak, S.A.U.
(72) GERWE, David R.	(73) Cryospace l'Air Liquide Aérospatiale	(72) CAMPAGNOLI, Enrico
WILLIAMS, Keith R.	(72) DAMAS, Alain	BORDERI, Luca
LAMBERT, John	MERCIER, Antoine	CAVAZZA, Luca
TARBUCK, Paul D.	PEYRAUD, François	VASSALLO, Enrica
ESTRADA, Edward A.	(31) 1250948	BIONDI, Andrea
(31) 201514841590	(32) 01.02.2012	GUARESCHI, Paolo
(32) 31.08.2015	(33) France	ZANETTI, Umberto
(33) United States of America	(51) B64G 1/64	TALE, Fabrizio
(51) B64G 1/22	(11) EP3243758	(51) B65B 55/10
B64G 1/44	(21) EP17169247.8	A61L 2/08
(11) EP2743187	(47) 30.01.2019	A61L 2/10
(21) EP12008296.1	(22) 03.05.2017	A61L 2/18
(47) 30.01.2019	(54) EJECTION UNIT FOR A SATELLITE	A61L 2/22
(22) 12.12.2012	(73) ECM space technologies GmbH	B65B 55/04
(54) Spacecraft with at least one deployable panel structure and deployable panel structure	(72) BOGDANOV, Dimitriy	B65B 55/08
(73) Airbus Defence and Space GmbH	SCHWARZ, Peter	B65D 25/00
(72) Engelke, Stefan	GRUBER, Johannes	B65D 59/04
(51) B64G 1/22	WIMMER, Peter	(11) EP3121125
B64G 1/44	KRYUKOVSKIY, Vsevolod	(21) EP16183574.9
(11) EP3176095	(31) 102016108606	(47) 23.01.2019
(21) EP16201613.3	(32) 10.05.2016	(22) 11.07.2012
(47) 30.01.2019	(33) Germany	(54) PACKAGING SHEATH FOR FOOD PACKAGE PRODUCTION
(22) 01.12.2016	(51) B65B 9/20	(73) SIG Technology AG
(54) DEPLOYABLE STRUCTURE COMPRISING A SET OF SOLAR GENERATORS, SYSTEM FOR DEPLOYING SUCH A DEPLOYABLE STRUCTURE AND SATELLITE COMPRISING SUCH A SYSTEM	B65B 9/22	(72) Flörke, Rudolf
(73) Thales	B65B 9/207	Geissler, Hanno
(72) BAUDASSE, Yannick	B65B 9/213	Mainz, Hans-Willi
VEZAIN, Stéphane	B65B 59/04	(31) 102011111523
BARDEL, Olivier	B65B 51/14	(32) 31.08.2011
STANEK, Didier	B65B 51/30	(33) Germany
(31) 1502511	B29C 65/74	(51) B65B 65/00
(32) 02.12.2015	B29C 65/78	B65B 7/16
(33) France	B29C 65/00	B65B 35/36
(51) B64G 1/28	B29C 65/02	B65B 61/28
G05D 1/08	(11) EP3239060	B65G 25/04
B64G 1/10	(21) EP17168445.9	B65B 31/02
G01C 19/06	(47) 30.01.2019	B65B 31/04
(11) EP3216705	(22) 27.04.2017	B65B 57/00
(21) EP17168876.5	(54) VERTICAL PACKAGING MACHINE	(11) EP3269654
(47) 30.01.2019	(73) Martini S.r.l.	(21) EP16717413.5
(22) 23.12.2014	(72) MARTINI, Antonio	(47) 23.01.2019
(54) ATTITUDE CONTROL FOR AGILE SATELLITE APPLICATIONS	(31) UA20162990	(87) ES2016070144
(73) Thales Alenia Space Italia S.p.A. Con Unico Socio	(32) 28.04.2016	15.09.2016
(72) ANANIA, Marco	(33) Italy	(22) 08.03.2016
CASCONE, Domenico	(51) B65B 31/00	(54) WORK STATION FOR A PACKAGING LINE AND A PACKAGING LINE COMPRISING AT LEAST TWO OF SAID WORK STATIONS
(31) TO20131067	B31D 5/00	(73) Nexes Control Design Engineering S.L.U.
(32) 23.12.2013	B65B 61/06	(72) JORGE ALESANCO, Cristobal
(33) Italy	(11) EP2969777	(31) 201530297
(51) B64G 1/40	(21) EP14762865.5	(32) 09.03.2015
	(47) 30.01.2019	(33) Spain
	(87) US2014028924	(51) B65B 69/00
	18.09.2014	(11) EP3235746
	(22) 14.03.2014	(21) EP17167236.3
	(54) REPLACEABLE BLADE	
	(73) Pregis Innovative Packaging LLC	
	(72) WETSCH, Thomas D.	
	(31) 201313844741	

(47) 30.01.2019	(87) EP2016058143	(11) EP3138785
(22) 20.04.2017	27.10.2016	(21) EP16187086.0
(54) SUCTION CUP GRIPPING HEAD FOR THE OPENING OF A PAPER OR CARDBOARD TRAY AND RELATIVE METHOD OF OPENING A TRAY	(22) 13.04.2016	(47) 30.01.2019
(73) OCME S.r.l.	(54) DISPLAY CONTAINER	(22) 02.09.2016
(72) GATTESCHI, Carlotta	(73) Schoeller Allibert GmbH	(54) METHOD AND SYSTEM FOR MANUFACTURING A TOBACCO POUCH
(31) UA20162846	(72) VAN DER KORPUT, Maximus Gerardus Maria	(73) Sluis Cigar Machinery B.V.
(32) 22.04.2016	(31) 102015106332	(72) WOLF, Jan
(33) Italy	(32) 24.04.2015	BULK, Martinus Johannes
(51) B65D 1/02	(33) Germany	VOLKERS, Jacob
B29C 49/04	(51) B65D 6/24	(31) 2015390
B65D 23/02	B65D 19/38	(32) 02.09.2015
(11) EP3202678	B65D 77/04	(33) Netherlands
(21) EP15847761.2	B01F 15/00	(51) B65D 33/24
(47) 30.01.2019	(11) EP3105131	(11) EP2874893
(87) JP2015003970	(21) EP14812421.7	(21) EP13790746.5
07.04.2016	(47) 30.01.2019	(47) 23.01.2019
(22) 06.08.2015	(87) EP2014076494	(87) US2013040834
(54) DELAMINATION CONTAINER	20.08.2015	21.11.2013
(73) Yoshino Kogyosho Co., Ltd.	(22) 04.12.2014	(22) 14.05.2013
(72) AKIYAMA, Yoshio	(54) PACKAGING FOR A FLEXIBLE CONTAINER, AND A TRANSPORTATION UNIT	(54) RECLOSABLE BAG AND METHODS OF FORMING AND USING SAME
KUDO, Masakazu	(73) Sartorius Stedim Biotech GmbH	(73) AUTOMATED PACKAGING SYSTEMS, INC.
KUTSUZAWA, Shintaro	(72) KRONENBERG, Diana	(72) WEHRMANN, Rick, Steven
(31) 2014201627	(31) 102014101839	(31) 201261646947 P
(32) 30.09.2014	(32) 13.02.2014	201261677685 P
(33) Japan	(33) Germany	201313832813
(51) B65D 3/24	(51) B65D 23/02	(32) 15.05.2012
B65D 3/04	C23C 16/40	31.07.2012
B65D 3/28	C23C 16/04	15.03.2013
B31F 1/10	C23C 16/46	(33) United States of America
(11) EP3162722	(11) EP3218276	United States of America
(21) EP16190206.9	(21) EP15775025.8	United States of America
(47) 23.01.2019	(47) 30.01.2019	
(22) 22.09.2016	(87) US2015049310	(51) B65D 39/00
(54) CONTAINER WITH SEPARATOR	19.05.2016	B65D 55/16
(73) Sonoco Development, Inc.	(22) 10.09.2015	(11) EP3257777
(72) Carpenter, Lawrence R.	(54) METHOD FOR MAKING PET CONTAINERS WITH ENHANCED SILICON DIOXIDE BARRIER COATING	(21) EP17176409.5
(31) 20156224685 P	(73) Graham Packaging Company, L.P.	(47) 23.01.2019
(32) 27.10.2015	(72) BOBROV, Sergey, B. SCHNEIDER, Mark, D.	(22) 16.06.2017
(33) United States of America	(31) 201414538298	(54) CAP PROVIDED WITH A COMPOSITE HEAD, IN PARTICULAR FOR SPARKLING WINE
(51) B65D 5/489	(32) 11.11.2014	(73) Ets Barange-Fabrique de Bouchons
B65D 5/498	(33) United States of America	(72) BARANGE, Jacques
B65D 5/50	(51) B65D 33/00	BARANGE, Charles
B65D 85/10	B65D 33/24	COLLARD, Jérôme
(11) EP3259194	(11) EP3266724	GONZALEZ, Christian
(21) EP16714528.3	(21) EP16198504.9	(31) 1655660
(47) 23.01.2019	(47) 30.01.2019	(32) 17.06.2016
(87) IB2016050911	(22) 11.11.2016	(33) France
25.08.2016	(54) SURFACE BONDING FASTENER	(51) B65D 43/16
(22) 19.02.2016	(73) Taiwan Paiho Limited	(11) EP2743199
(54) RIGID HINGED-LID PACKAGE CONTAINING A GROUP OF SMALL- SIZED TOBACCO ARTICLES	(72) Cheng, Allen	(21) EP14151105.5
(73) G.D Societa' per Azioni	(31) 105121553	(47) 30.01.2019
(72) POLLONI, Roberto	(32) 07.07.2016	(22) 15.12.2009
MARCHITTO, Giuseppe	(33) Taiwan, Province of China	(54) Lid part for a container
PARADISO, Luca	(51) B65D 33/22	(73) N.V. Nutricia
FEDERICI, Luca	A24F 23/02	(72) Dols, Merijn
(31) BO20150087	B65B 29/00	Stevens, John Boyet
(32) 20.02.2015	B65B 41/10	(31) PCT/NL2008/050800
(33) Italy	B65B 51/02	(32) 15.12.2008
(51) B65D 6/18	B65B 51/10	(33) World Intellectual Property Office (WIPO)
B65D 25/00	B65B 59/00	(51) B65D 47/34
(11) EP3286095	B65B 61/06	B65D 83/00
(21) EP16716854.1	B65B 9/087	B05B 11/00
(47) 30.01.2019		B65D 83/20
		B05B 7/04

B65D 83/48	(33) United States of America	(31) 201361916616 P
B65D 83/34	(51) B65D 81/34	(32) 16.12.2013
(11) EP2819928	B65D 75/52	(33) United States of America
(21) EP13755917.5	(11) EP3127835	(51) B65F 1/00
(47) 23.01.2019	(21) EP15772283.6	B65F 1/06
(87) US2013028424	(47) 23.01.2019	B65F 7/00
06.09.2013	(87) JP2015001869	B65F 1/16
(22) 28.02.2013	08.10.2015	(11) EP2493785
(54) DISPENSING DEVICE AND METHODS FOR EMITTING ATOMIZED SPRAY	(22) 31.03.2015	(21) EP10827354.1
(73) Universidad De Sevilla	(54) PACKAGED ARTICLE	(47) 23.01.2019
(72) GANAN-CALVO, Alfonso	(73) Toppan Printing Co., Ltd.	(87) US2010053769
ASENSIO-CANO, Miguel	(72) TERAYAMA, Takashi	05.05.2011
PEREZ-VAQUERO, Javier	(31) 2014077606	(22) 22.10.2010
BADOVICK, Jeffrey	(32) 04.04.2014	(54) POWDER DISPENSING ASSEMBLY FOR A WASTE CONTAINER
FITO-PLANAS, Alvaro	(33) Japan	(73) Munchkin, Inc.
LOPEZ - SERRANO, Jorge	(51) B65D 83/38	(72) DUNN, Steven, B.
(31) 201213408619	B65D 83/62	HATHERILL, Mark, A.
(32) 29.02.2012	B65D 83/66	JOHNSON, Kevin, D.
(33) United States of America	B65D 83/68	(31) 609136
(51) B65D 50/04	B65D 83/44	609140
B65D 50/06	(11) EP3012208	(32) 30.10.2009
B65D 55/06	(21) EP14813945.4	30.10.2009
(11) EP3256395	(47) 30.01.2019	(33) United States of America
(21) EP16703560.9	(87) JP2014066002	United States of America
(47) 30.01.2019	24.12.2014	(51) B65G 21/06
(87) EP2016052776	(22) 17.06.2014	G01G 21/23
18.08.2016	(54) TWO-LIQUID DISCHARGE CONTAINER	(11) EP3066035
(22) 10.02.2016	(73) Daizo Corporation	(21) EP14793587.8
(54) CONTAINER WITH CHILDPROOF LOCK	(72) SUGAWARA Shinya	(47) 30.01.2019
(73) Sanner GmbH	KATAOKA Kimio	(87) EP2014073928
(72) TIESBERGER, Kai	MEKATA Satoshi	14.05.2015
SCHNEIDER, Matthias	(31) 2013128025	(22) 06.11.2014
(31) 102015101946	2013202751	(54) SCALES WITH A FOLDABLE WEIGHING TABLE
(32) 11.02.2015	2014025974	(73) GEA Food Solutions Germany GmbH
(33) Germany	(32) 18.06.2013	(72) GAHLER, Thomas
(51) B65D 71/36	27.09.2013	(31) 102013222694
(11) EP3204311	13.02.2014	(32) 08.11.2013
(21) EP15784199.0	(33) Japan	(33) Germany
(47) 23.01.2019	Japan	(51) B65G 21/20
(87) US2015053753	Japan	B65G 43/00
14.04.2016	(51) B65D 85/804	B65G 47/76
(22) 02.10.2015	(11) EP3265404	(11) EP3121136
(54) CARTON AND CARTON BLANK AND A HANDLE STRUCTURE THEREFOR	(21) EP16712508.7	(21) EP16178962.3
(73) WestRock Packaging Systems, LLC	(47) 30.01.2019	(47) 30.01.2019
(72) BALL, Nathaniel, B.	(87) IB2016050967	(22) 12.07.2016
CASH, John, W., III	09.09.2016	(54) ELECTRIC TURNOUT UNIT FOR AUTOMATIC CONVEYING APPARATUS
(31) 201462060053 P	(22) 23.02.2016	(73) EWAB Engineering AB
(32) 06.10.2014	(54) CARTRIDGE FOR THE PREPARATION OF LIQUID PRODUCTS	(72) Almborg, Patrik
(33) United States of America	(73) Luigi Lavazza S.p.A.	Lundin, Roland
(51) B65D 71/36	(72) CABILLI, Alberto	Axman, Anders
B65D 5/44	BORELLO, Luisa	(31) 102015111577
B65D 5/70	BOLOGNESE, Danilo	(32) 16.07.2015
B65D 71/28	(31) TO20150032 U	(33) Germany
B65D 5/46	(32) 02.03.2015	(51) B65G 43/08
B65D 71/38	(33) Italy	(11) EP3230182
(11) EP2470439	(51) B65D 85/804	(21) EP15817119.9
(21) EP10812697.0	A47J 31/06	(47) 30.01.2019
(47) 30.01.2019	(11) EP3083448	(87) EP2015079381
(87) US2010047102	(21) EP14871634.3	16.06.2016
03.03.2011	(47) 30.01.2019	(22) 11.12.2015
(22) 30.08.2010	(87) CA2014051217	(54) METHOD AND SYSTEM FOR LOCATING AN INSTRUMENTED OBJECT TRANSPORTED ALONG A PATH BY A CONVEYOR MACHINE
(54) CARTON WITH INSERT	25.06.2015	
(73) Graphic Packaging International, LLC	(22) 16.12.2014	
(72) BRAND, Kirsten, L.	(54) CAPSULE WITH SENSORY ATTRIBUTES	
(31) 275403 P	(73) 2266170 Ontario, Inc.	
(32) 28.08.2009	(72) TROMBETTA, Liberatore A.	

(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives	B65D 19/00	(32) 22.07.2009
(72) CARMONA, Mikael	B65D 19/38	(33) Germany
BILLERES, Malvina	B65G 47/00	(51) B65H 3/24
PERIS Y SABORIT, Laure	B65G 47/91	B65H 3/32
(31) 1462311	B65G 54/02	B65H 5/00
(32) 12.12.2014	H01L 21/677	B65H 5/08
(33) France	(11) EP2760770	(11) EP3233679
(51) B65G 47/88	(21) EP12835740.7	(21) EP15817083.7
B65G 1/08	(47) 23.01.2019	(47) 30.01.2019
G07F 11/28	(87) CA2012050687	(87) EP2015025109
G07F 17/00	04.04.2013	23.06.2016
(11) EP3135615	(22) 01.10.2012	(22) 17.12.2015
(21) EP15182277.2	(54) SYSTEM AND METHOD FOR PROVIDING VACUUM TO A MOVING ELEMENT	(54) HANDLING SYSTEM FOR HANDLING A STACK OF STACKABLE FLAT ELEMENTS
(47) 30.01.2019	(73) ATS Automation Tooling Systems Inc.	(73) BOBST GRENCHEM AG
(22) 25.08.2015	(72) STAUNTON, Darragh	(72) WICK, Stefan
(54) TRIGGER DEVICE TO PERMIT OR TO BLOCK THE DISPENSING OF A PIECE GOOD AND METHOD FOR DISPENSING ONE PIECE GOOD	KLEINIKKINK, Albert	(31) 14020115
(73) Becton Dickinson Rowa Germany GmbH	(31) 201161541423 P	(32) 18.12.2014
(72) HELLENBRAND, Christoph	(32) 30.09.2011	(33) European Patent Office (EPO)
GROSS, Dietmar	(33) United States of America	(51) B65H 5/22
BROKONIER, Stephan	(51) B65G 59/02	B65H 5/38
(51) B65G 47/90	B65G 47/90	B41J 3/28
B23Q 3/06	B65G 43/00	B41J 11/00
B23Q 7/04	(11) EP2996973	B41J 11/06
B66C 1/48	(21) EP14797635.1	B41J 3/407
(11) EP3205610	(47) 30.01.2019	B41J 3/413
(21) EP17153664.2	(87) US2014038513	(11) EP3261965
(47) 30.01.2019	20.11.2014	(21) EP16705912.0
(22) 30.01.2017	(22) 16.05.2014	(47) 23.01.2019
(54) A DEVICE FOR HANDLING ARTIFACTS	(54) ROBOTIC CARTON UNLOADER	(87) EP2016052600
(73) Industrie Cometto S.p.A.	(73) Intelligrated Headquarters LLC	01.09.2016
(72) TERZUOLO, Pierluigi	(72) GIRTMAN, Michael	(22) 08.02.2016
LIPPI, Fabrizio	WICKS, Matthew	(54) DEVICE FOR PROCESSING A SUBSTRATE
(31) UB20160730	(31) 201361824550 P	(73) KBA-MetalPrint GmbH
(32) 15.02.2016	(32) 17.05.2013	(72) GERICKE, Stephan
(33) Italy	(33) United States of America	(31) 102015203424
(51) B65G 47/91	(51) B65G 61/00	(32) 26.02.2015
B25J 15/06	B65D 19/38	(33) Germany
B66C 1/02	B65G 47/90	(51) B65H 19/18
(11) EP3281893	B23Q 7/14	B65H 19/10
(21) EP16183937.8	(11) EP2509898	(11) EP3248920
(47) 30.01.2019	(21) EP10836287.2	(21) EP17305574.0
(22) 12.08.2016	(47) 23.01.2019	(47) 30.01.2019
(54) MULTIPLE SUCTION GRIPPER	(87) SE2010051344	(22) 18.05.2017
(73) MULTIVAC Sepp Haggenmüller SE & Co. KG	16.06.2011	(54) METHOD FOR CUTTING AND CONNECTING TWO STRIPS END-TO-END, HALTED IN AN UNWINDING MACHINE, CUTTING AND CONNECTION DEVICE AND MACHINE PROVIDED WITH SUCH A DEVICE ALLOWING SAID METHOD TO BE CARRIED OUT
(72) RIED, Andreas	(22) 06.12.2010	(73) MONOMATIC (Société par Actions Simplifiée)
(51) B65G 47/96	(54) ARRANGEMENT AND SYSTEM FOR DISTRIBUTION OF COMPONENTS TO SETS OF MATERIAL	(72) MULLER, Bernard
B07C 5/36	(73) Väderstad Holding AB	(31) 1654645
(11) EP3260401	(72) STARK, Andreas	(32) 24.05.2016
(21) EP17181070.8	(31) 0950945	(33) France
(47) 23.01.2019	(32) 08.12.2009	(51) B65H 29/24
(22) 04.09.2013	(33) Sweden	A61F 13/15
(54) TIPPING ACTUATOR AND CONVEYOR SYSTEM	(51) B65H 1/14	B65H 39/14
(73) Compac Technologies Limited	B65H 3/08	(11) EP2676648
(72) ANSTIS, Isaac James	B65H 7/04	(21) EP13173415.4
RICHARDSON, Simon	(11) EP2277811	(47) 23.01.2019
VOSCHEZANG, Sam	(21) EP10166267.4	(22) 24.06.2013
WHITE, Sheldon Phillip	(47) 23.01.2019	(54) Elastic applicator
(31) 60228012	(22) 17.06.2010	
(32) 06.09.2012	(54) Device and method for operating a stack lifting device	
(33) New Zealand	(73) Heidelberger Druckmaschinen AG	
(51) B65G 49/00	(72) Gronau, Dieter	
	Hartstock, Uwe	
	(31) 102009034482	

(73) Winkler + Dünnebier GmbH	(51) B65H 61/00	F16L 1/23
(72) Heinrich, Walter	B65H 69/00	B63B 35/03
Sanner, Dennis	B65H 63/06	(11) EP3194260
(31) 102012210776	B65H 69/06	(21) EP15763364.5
(32) 24.06.2012	B65H 63/08	(47) 23.01.2019
(33) Germany	(11) EP3008003	(87) EP2015071315
(51) B65H 29/58	(21) EP14729890.5	24.03.2016
B65H 39/11	(47) 30.01.2019	(22) 17.09.2015
(11) EP3290368	(87) EP2014062047	(54) MARINE PIPELINE INSTALLATION
(21) EP17185537.2	18.12.2014	VESSEL AND METHOD FOR LAYING
(47) 23.01.2019	(22) 10.06.2014	AN OFFSHORE RIGID PIPELINE IN THE
(22) 09.08.2017	(54) METHOD AND WINDING STATION FOR	SEA
(54) PAPER DISCHARGE APPARATUS FOR	IMPROVING A WINDING PROCESS OF	(73) Itrec B.V.
DISCHARGING CONVEYED PAPER,	A TEXTILE MACHINE	(72) ROODENBURG, Joop
AND IMAGE FORMING APPARATUS	(73) Maschinenfabrik Rieter AG	VEHMEIJER, Terence Willem August
EQUIPPED WITH SAME	(72) BURCHERT, Mathias	NOUWENS, Ronny Lambertus Waltherus
(73) KYOCERA Document Solutions Inc.	JEHLE, Volker	DONKERS, Jeroen Adrianus Joseph
(72) SHIRASAKI, Seiichi	(31) 102013106016	(31) 2013497
(31) 2016168864	(32) 10.06.2013	(32) 19.09.2014
(32) 31.08.2016	(33) Germany	(33) Netherlands
(33) Japan	(51) B65H 63/06	(51) B66B 1/46
(51) B65H 37/04	B65H 67/08	(11) EP2373563
B65H 43/02	B65H 69/06	(21) EP09765134.3
(11) EP2889248	(11) EP3263501	(47) 30.01.2019
(21) EP14200337.5	(21) EP17174517.7	(87) EP2009066883
(47) 30.01.2019	(47) 23.01.2019	17.06.2010
(22) 24.12.2014	(22) 06.06.2017	(22) 11.12.2009
(54) Post-processing apparatus, image formation	(54) TEXTILE MACHINE	(54) METHOD FOR DISCRIMINATORY USE
apparatus provided with the same, post-	(73) Murata Machinery, Ltd.	OF A LIFT FACILITY
processing method, and image formation	(72) Murayama, Kenichi	(73) Inventio AG
method	(31) 2016126919	(72) FINSCHI, Lukas
(73) Canon Finetech Nisca Inc.	(32) 27.06.2016	(31) 08171274
(72) Nakagomi, Takamitsu	(33) Japan	(32) 11.12.2008
(31) 2013271341	(51) B65H 75/10	(33) European Patent Office (EPO)
2014236278	B65H 75/50	(51) B66B 5/00
(32) 27.12.2013	(11) EP3233688	B66B 13/14
21.11.2014	(21) EP14846754.1	(11) EP2803615
(33) Japan	(47) 30.01.2019	(21) EP13168178.5
Japan	(87) IB2014003180	(47) 23.01.2019
(51) B65H 51/12	23.06.2016	(22) 17.05.2013
B65H 51/18	(22) 19.12.2014	(54) Arrangement and method for condition
B65H 57/00	(54) A TEARABLE CORE, A ROLL	monitoring of automatic door
(11) EP3288878	COMPRINSING SUCH A CORE AND A	(73) KONE Corporation
(21) EP16721469.1	TEARABLE CORE MANUFACTURING	(72) Tyni, Tapio
(47) 30.01.2019	METHOD	Kinnari, Jouko
(87) FR2016051007	(73) Essity Operations France	Perälä, Pekka
03.11.2016	(72) CATTACIN, Gilles	(51) B66B 5/00
(22) 29.04.2016	BRENDLE, Damien	B66B 13/22
(54) OPTICAL FIBER MANUFACTURING	(51) B65H 75/40	(11) EP3233694
MACHINE, AND METHOD FOR	B65H 16/00	(21) EP15794182.4
POSITIONING THE OPTICAL FIBER IN A	E04H 17/26	(47) 23.01.2019
MACHINE OF SAID TYPE	(11) EP3330207	(87) EP2015076499
(73) Conductix Wampfler France	(21) EP17204835.7	23.06.2016
(72) GRILLET, Michel	(47) 30.01.2019	(22) 13.11.2015
(31) 1553839	(22) 01.12.2017	(54) SAFETY CIRCUIT FOR A LIFT FACILITY
(32) 29.04.2015	(54) DEVICE FOR VERTICALLY WINDING	(73) Inventio AG
(33) France	OR UNWINDING OF MOBILE	(72) MÜLLER, Rudolf J.
(51) B65H 59/18	BLOCKAGE UNITS IN THE FORM OF A	BIRRER, Eric
B65H 59/38	NET OR STRIP	(31) 14198526
H01F 41/094	(73) Wilfried Mende GmbH	(32) 17.12.2014
(11) EP3290370	(72) MENDE, Andreas	(33) European Patent Office (EPO)
(21) EP16186657.9	(31) 202016106730 U	(51) B66B 5/04
(47) 30.01.2019	(32) 02.12.2016	B66B 5/02
(22) 31.08.2016	(33) Germany	(11) EP3243784
(54) WIRE FEEDING DEVICE	(51) B65H 75/42	(21) EP16169166.2
(73) Aumann Espelkamp GmbH	B65H 75/44	(47) 30.01.2019
(72) SELL-LE BANC, Florian	F16L 1/19	(22) 11.05.2016
	F16L 1/20	

- (54) ARRANGEMENT FOR RELEASING THE OPERATING BRAKE OF AN ELEVATOR
(73) Kone Corporation
(72) POKKINEN, Olli
NAKARI, Arto
VUORIO, Teppo
(51) B66B 23/00
B66B 29/00
B66B 23/02
(11) EP3224186
(21) EP15794185.7
(47) 30.01.2019
(87) EP2015076508
02.06.2016
(22) 13.11.2015
(54) PASSENGER TRANSPORT DEVICE WITH AUXILIARY BRAKE
(73) thyssenkrupp AG
thyssenkrupp Elevator AG
(72) ISCHGANEIT, Ronny
NOESKE, Nils Patrick
BÖGE, Jens
STEINKE, Mathias
(31) 102014224471
(32) 28.11.2014
(33) Germany
(51) B66B 23/14
(11) EP3283426
(21) EP16713450.1
(47) 23.01.2019
(87) EP2016057197
20.10.2016
(22) 01.04.2016
(54) MOVING STAIRCASE WITH SHARED RETURN RAILS
(73) Inventio AG
(72) MATHEISL, Michael
NOVACEK, Thomas
WAGENLEITNER, Georg
(31) 15163933
(32) 16.04.2015
(33) European Patent Office (EPO)
(51) B66C 13/08
B66C 13/06
B66C 19/00
(11) EP3165493
(21) EP15382550.0
(47) 30.01.2019
(22) 06.11.2015
(54) APPARATUS AND METHOD FOR POSITIONING AND ORIENTATING A LOAD
(73) FUNDACIÓN TECNALIA RESEARCH & INNOVATION
(72) RODRÍGUEZ MIJANGOS, María de la O
BARADAT, Cédric
IZARD, Jean-Baptiste
MICHELIN, Micaël
YANG, Hai
SALLÉ, Damien
(51) B66C 13/46
G01S 17/08
B66C 13/00
G01S 17/87
G01S 17/89
G06T 7/00
G06T 7/593
(11) EP2903925
- (21) EP13843984.9
(47) 30.01.2019
(87) FI2013050955
10.04.2014
(22) 02.10.2013
(54) LOAD HANDLING BY LOAD HANDLING DEVICE
(73) Konecranes Global Corporation
(72) RINTANEN, Kari
(31) 20126027
(32) 02.10.2012
(33) Finland
(51) B66C 23/34
B66C 23/06
B66C 23/68
B66C 23/70
B66C 23/74
(11) EP3184481
(21) EP16201221.5
(47) 23.01.2019
(22) 29.11.2016
(54) TOWER CRANE WITH AUTOMATIC FOLDING AND UNFOLDING, AND COMPRISING A MAST AND A BOOM OFFSET RELATIVE TO THE MAST
(73) Manitowoc Crane Group France
(72) VERCHERE, Jean-Paul
BETTI, Poerio
GEVAUDANT, Olivier
THOMAS, Fabrice
(31) 1563220
(32) 23.12.2015
(33) France
(51) B66F 9/075
B62D 33/067
(11) EP3130556
(21) EP16177466.6
(47) 23.01.2019
(22) 01.07.2016
(54) FORKLIFT TRUCK WITH FORWARD-TILTING CAB AND METHOD FOR REDUCING THE CONTAINER-LOADING HEIGHT OF THE FORKLIFT TRUCK
(73) Linde Material Handling GmbH
(72) Taylor, Marcus
Edmunds, Wayne
Greenman, Clayton
Qingrong, Xu
Zhihong, Wang
Fenghua, Shi
Haihui, Lian
(31) 201510492389
201520604796 U
(32) 12.08.2015
12.08.2015
(33) China
China
(51) B66F 9/075
B66F 9/20
(11) EP3250496
(21) EP16717209.7
(47) 23.01.2019
(87) US2016015069
04.08.2016
(22) 27.01.2016
(54) CONTROL MODULE FOR A MATERIALS HANDLING VEHICLE
(73) Crown Equipment Corporation
- (72) BABEL, Christoph
KRAIMER, James, V.
(31) 201562109105 P
(32) 29.01.2015
(33) United States of America
(51) B67D 3/04
B67D 1/04
B67D 1/08
(11) EP3144268
(21) EP16189138.7
(47) 23.01.2019
(22) 16.09.2016
(54) ALCOHOLIC BEVERAGE BARREL DISPENSING APPARATUS
(73) LJ Crafted Wines
Jooste, Lowell
(72) JOOSTE, Lowell
(31) 201562220146 P
(32) 17.09.2015
(33) United States of America
(51) B67D 7/02
F16L 37/44
F16L 37/62
F16L 55/00
F16L 55/10
B60H 1/00
B67D 7/06
B67D 7/42
F25B 45/00
(11) EP3256418
(21) EP16720319.9
(47) 30.01.2019
(87) DE2016000051
18.08.2016
(22) 10.02.2016
(54) METHOD FOR OPERATING A FILLING ADAPTER, AND FILLING ADAPTER FOR FILLING REFRIGERANT R744 INTO VEHICLE AIR CONDITIONING SYSTEMS
(73) Dürr Somac GmbH
(72) SELBMANN, Eric
WIELAND, Frank
KÖHLER, Felix
(31) 102015001767
(32) 11.02.2015
(33) Germany
(51) B68C 1/02
B68C 1/04
(11) EP2275382
(21) EP10169741.5
(47) 23.01.2019
(22) 15.07.2010
(54) Saddle and a saddle tree
(73) Hans Zuidweg Bestfit Zadelmaker
(72) Zuidweg, Johannes
(31) 2003234
(32) 17.07.2009
(33) Netherlands
(51) B81B 3/00
G02B 26/08
(11) EP3178783
(21) EP16175301.7
(47) 23.01.2019
(22) 20.06.2016
(54) MICROMECHANICAL DEVICE HAVING A STRUCTURE TILTABLE BY A QUASI-STATIC PIEZOELECTRIC ACTUATION

(73) STMicroelectronics S.r.l.	B01D 53/52	(22) 19.04.2011
(72) GIUSTI, Domenico	(11) EP2362848	(54) METHOD FOR PRODUCTION OF WEAKLY ACIDIC HYPOCHLOROUS ACID
CARMINATI, Roberto	(21) EP09760022.5	(73) Evatech Corporation
MERLI, Massimiliano	(47) 23.01.2019	(72) MAKINO, Kazunori
(31) UB20156807	(87) NL2009050709	TERADA, Minoru
(32) 07.12.2015	27.05.2010	(31) PCT/JP2010/057333
(33) Italy	(22) 23.11.2009	(32) 26.04.2010
(51) B82Y 15/00	(54) WATER GAS SHIFT PROCESS	(33) World Intellectual Property Office (WIPO)
C07K 16/00	(73) Stichting Energieonderzoek Centrum Nederland	(51) C01B 21/26
G01N 33/53	(72) COBDEN, Paul Dean	B01D 53/56
G01N 33/531	WALSPURGER, Stéphane	C01B 21/40
G01N 33/543	VAN DEN BRINK, Rudolf Willem	(11) EP3365276
(11) EP3001833	VAN DIJK, Hendricus Adrianus Johannes	(21) EP16726292.2
(21) EP15790812.0	(31) 1036224	(47) 30.01.2019
(47) 23.01.2019	(32) 21.11.2008	(87) EP2016061029
(87) US2015037499	(33) Netherlands	24.11.2016
30.12.2015	(51) C01B 3/38	(22) 17.05.2016
(22) 24.06.2015	C01B 3/48	(54) REDUCTION OF THE NOX WASTE GAS CONCENTRATION IN THE PRODUCTION OF NITRIC ACID DURING A SHUTDOWN AND/OR START-UP PROCESS OF THE PRODUCTION DEVICE
(54) PURIFICATION OF NANOPARTICLE-ANTIBODY CONJUGATES	B01J 8/04	(73) thyssenkrupp Industrial Solutions AG
(73) Bio-Rad Laboratories, Inc.	B01J 8/00	thyssenkrupp AG
(72) BERKELMAN, Tom	H01M 8/0612	(72) DAMMEIER, Johannes
LIAO, Jiali	(11) EP2671843	(31) 102015209243
(31) 201462016752 P	(21) EP12849368.1	(32) 20.05.2015
(32) 25.06.2014	(47) 23.01.2019	(33) Germany
(33) United States of America	(87) JP2012005416	(51) C01B 32/05
(51) B82Y 30/00	23.05.2013	C01B 32/15
C04B 35/524	(22) 29.08.2012	C01B 32/152
C04B 35/78	(54) FUEL PROCESSOR	C01B 32/16
C04B 35/83	(73) Panasonic Intellectual Property Management Co., Ltd.	C01B 32/18
(11) EP2094607	(72) MITA, Yuki	C01B 32/20
(21) EP07865946.3	NOBUOKA, Masaki	C01B 32/182
(47) 23.01.2019	NAKAMURA, Masatoshi	C01B 32/25
(87) US2007088469	(31) 2011250204	B01J 3/06
03.07.2008	(32) 16.11.2011	B82Y 30/00
(22) 20.12.2007	(33) Japan	B82Y 40/00
(54) VITREOUS CARBON MATERIAL AND PROCESS FOR MAKING THE SAME	(51) C01B 3/38	(11) EP2764194
(73) Carbon Ceramics Company, LLC	H01M 8/0606	(21) EP12838192.8
(72) WHITMARSH, Christopher K.	H01M 8/0662	(47) 23.01.2019
(31) 616015	(11) EP2657187	(87) US2012058714
(32) 25.12.2006	(21) EP12787346.1	11.04.2013
(33) United States of America	(47) 23.01.2019	(22) 04.10.2012
(51) C01B 3/06	(87) JP2012003243	(54) GRAPHITE COATED METAL NANOPARTICLES FOR POLYCRYSTALLINE DIAMOND COMPACT SYNTHESIS
(11) EP3154900	29.11.2012	(73) Baker Hughes, a GE company, LLC
(21) EP15729135.2	(22) 17.05.2012	(72) MAZYAR, Oleg, A.
(47) 30.01.2019	(54) HYDROGEN GENERATING DEVICE AND FUEL CELL SYSTEM	JOHNSON, Michael H.
(87) EP2015062896	(73) Panasonic Intellectual Property Management Co., Ltd.	DIGIOVANNI, Anthony A.
17.12.2015	(72) TAGUCHI, Kiyoshi	SCOTT, Dan E.
(22) 10.06.2015	TAKEUCHI, Tomoya	(31) 201113252551
(54) COMPOSITE MATERIAL FOR HYDROLYTICALLY GENERATING HYDROGEN, DEVICE FOR HYDROLYTICALLY GENERATING HYDROGEN, METHOD FOR GENERATING HYDROGEN, DEVICE FOR GENERATING ELECTRIC ENERGY, AND POSSIBLE APPLICATIONS	UKAI, Kunihiro	(32) 04.10.2011
(73) Fraunhofer Gesellschaft zur Förderung der angewandten Forschung E.V.	(31) 2011116213	(33) United States of America
(72) TEGEL, Marcus	(32) 24.05.2011	(51) C01B 32/184
RÖNTZSCH, Lars	(33) Japan	B82Y 30/00
KIEBACK, Bernd	(51) C01B 11/04	B82Y 40/00
(31) 102014211422	A61L 9/01	(11) EP2616390
(32) 13.06.2014	A61L 9/14	(21) EP11825522.3
(33) Germany	B01J 39/00	(47) 23.01.2019
(51) C01B 3/16	C02F 1/42	(87) SE2011050328
C01B 3/56	C02F 1/50	22.03.2012
	C02F 1/76	
	(11) EP2565156	
	(21) EP11774874.9	
	(47) 23.01.2019	
	(87) JP2011059641	
	03.11.2011	

(22) 23.03.2011	(22) 08.09.2017	201361811318 P
(54) PROCESS FOR GROWTH OF GRAPHENE	(54) METHOD FOR MANUFACTURING A SILICATE MATERIAL WITH OLIVINE STRUCTURE	(32) 13.04.2012 12.04.2013
(73) Graphensic AB	(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives	(33) United States of America United States of America
(72) YAKIMOVA, Rositsa IAKIMOV, Tihomir SYVÄJÄRVI, Mikael	(72) LEFEVRE, Guillaume DUCROS, Jean-Baptiste MARTINET, Sébastien	(51) C01F 11/02 C04B 20/00 C04B 22/06 C04B 28/02
(31) 1050966	(31) 1658467	(11) EP3187465
(32) 16.09.2010	(32) 12.09.2016	(21) EP15425117.7
(33) Sweden	(33) France	(47) 30.01.2019
(51) C01B 33/037	(51) C01C 1/04	(22) 30.12.2015
H05B 6/24	C01B 3/02	(54) NANOTUBES, PROCESS FOR OBTAINING THEM AND CEMENTITIOUS COMPOSITIONS COMPRISING THEM
(11) EP1753695	B01J 8/06	(73) ITALCEMENTI S.p.A. Fundación Tecnalia Research & Innovation
(21) EP05776387.2	(11) EP3259233	(72) DOLADO, Jorge Sanchez JAUREGI, Edurne Erkizia MARCHI, Maurizio Iler
(47) 23.01.2019	(21) EP16701768.0	(51) C01F 11/18 C09C 1/02 C09C 3/04 D21H 19/38
(87) FR2005050422	(47) 23.01.2019	(11) EP2001801
29.12.2005	(87) EP2016051658	(21) EP07732181.8
(22) 07.06.2005	25.08.2016	(47) 30.01.2019
(54) SILICON REFINING INSTALLATION	(22) 27.01.2016	(87) GB2007001124
(73) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE -CNRS-FERROPEM	(54) PROCESS FOR THE AMMONIA PRODUCTION	04.10.2007
(72) TRASSY, Christian DELANNOY, Yves FOURMOND, Erwann NDZOGHA, Cyrille BALUAIS, Gérard CARATINI, Yves	(73) Casale SA (72) FILIPPI, Ermanno OSTUNI, Raffaele	(22) 27.03.2007
(31) 0451117	(31) 15156001	(54) METHOD FOR PRODUCING PARTICULATE CALCIUM CARBONATE
(32) 07.06.2004	(32) 20.02.2015	(73) FiberLean Technologies Limited
(33) France	(33) European Patent Office (EPO)	(72) KOSTUCH, Jacek, Antoni PAYTON, Desmond, Charles
(51) C01B 33/12	(51) C01F 7/00	(31) 0606080
C01B 33/16	(11) EP2328840	(32) 27.03.2006
C08J 9/28	(21) EP09813451.3	(33) United Kingdom
C08K 3/36	(47) 23.01.2019	(51) C01G 23/07 C09C 1/36 C01G 23/047
C08L 1/02	(87) US2009055283	(11) EP2129626
B01D 67/00	18.03.2010	(21) EP07856539.7
C01B 37/00	(22) 28.08.2009	(47) 23.01.2019
C09K 19/02	(54) CORUNDUM CRYSTAL STRUCTURE PIGMENTS WITH REDUCED SOLUBLE CHROMIUM CONTENT	(87) EP2007010780
C09K 19/52	(73) Ferro Corporation	03.07.2008
C01G 17/02	(72) DETRIE, Terry, J. BARNES, Raymond, E. LIVINGSTON, Jacqueline, C. NUCETELLI, Gary, L. PIPOLY, Richard, A. SWILER, Daniel, R. WANG, Lei	(22) 11.12.2007
C01G 19/02	(31) 210453	(54) METHOD FOR THE PRODUCTION OF TITANIUM DIOXIDE BY OXYGENATING TITANIUM TETRACHLORIDE
B01D 71/02	(32) 15.09.2008	(73) KRONOS INTERNATIONAL, INC.
(11) EP2556019	(33) United States of America	(72) GRUBER, Rainer MALCHAREK, Frank
(21) EP11764971.5	(51) C01F 7/16	(31) 102006060988
(47) 23.01.2019	C04B 35/443	102007048553
(87) CA2011000346	(11) EP2836298	(32) 20.12.2006
13.10.2011	(21) EP13775967.6	09.10.2007
(22) 30.03.2011	(47) 23.01.2019	(33) Germany Germany
(54) INORGANIC MESOPOROUS MATERIALS WITH CHIRAL NEMATIC STRUCTURES AND PREPARATION METHOD THEREOF	(87) US2013036581	(51) C01G 27/02 C01F 17/00 B05B 7/22 C23C 4/11 C23C 4/134 B65D 25/14
(73) FPInnovations	17.10.2013	
(72) MACLACHLAN, Mark, John SHOPSOWITZ, Kevin, Eric HAMAD, Wadood, Yasser QI, Hao	(22) 15.04.2013	
(31) 322508 P	(54) PROCESS FOR THE SYNTHESIS OF MAGNESIUM ALUMINATE SPINELS	
(32) 09.04.2010	(73) Sasol Performance Chemicals GmbH	
(33) United States of America	(72) PEOPLES, Brian BARCLAY, David CHAVEZ, Mark HANN, Allison BRASCH, Andrea DIBLITZ, Klaus P. G.	
(51) C01B 33/20	(31) 201261623866 P	
C01B 33/32		
H01M 4/50		
H01M 4/52		
H01M 4/58		
(11) EP3293148		
(21) EP17190224.0		
(47) 30.01.2019		

- (11) EP2925673
(21) EP13824014.8
(47) 30.01.2019
(87) IB2013060514
05.06.2014
(22) 29.11.2013
(54) HIGHLY PURE POWDER INTENDED FOR THERMAL SPRAYING
(73) Saint-Gobain Centre De Recherches Et D'etudes Europeen
(72) BILLIERES, Dominique
ALIMANT, Alain
WALLAR, Howard
(31) 1261421
201261734744 P
(32) 29.11.2012
07.12.2012
(33) France
United States of America
-
- (51) C01G 49/06
C01G 49/08
C09C 1/00
C09D 5/36
(11) EP2173664
(21) EP08769531.8
(47) 23.01.2019
(87) US2008064243
24.12.2008
(22) 20.05.2008
(54) MULTI-COLORED LUSTROUS PEARLESCENT PIGMENTS
(73) Sun Chemical Corporation
(72) HOLLMAN, Aaron, M.
NICOLAS, Stephane
SCHOTTLAND, Philippe
DEBACKER, Marquerite
ANTONOWICZ, Aurelie
LIN, Hui, Hai
(31) 765614
931534
931415
931473
931658
(32) 20.06.2007
31.10.2007
31.10.2007
31.10.2007
31.10.2007
(33) United States of America
United States of America
United States of America
United States of America
United States of America
-
- (51) C01G 49/06
C01G 49/10
C01G 53/09
C23G 1/36
C01B 9/02
C01B 7/03
C01B 7/07
C22B 3/10
C22B 3/44
(11) EP2791060
(21) EP12815612.2
(47) 23.01.2019
(87) AT2012050195
20.06.2013
(22) 12.12.2012
- (54) METHOD FOR CONCENTRATING METAL CHLORIDES IN AND SEPARATING SAME FROM AN IRON(III) CHLORIDE-CONTAINING HYDROCHLORIC ACID SOLUTION
(73) SMS Siemag Process Technologies GmbH
(72) WEISSENBAECK, Herbert
VOGL, Dieter
(31) 18382011
502052012
(32) 16.12.2011
25.05.2012
(33) Austria
Austria
-
- (51) C01G 49/06
C09C 1/24
C09D 7/00
C08K 3/00
C08K 3/22
C09D 1/00
C09D 7/61
(11) EP3191409
(21) EP15763878.4
(47) 30.01.2019
(87) EP2015070745
17.03.2016
(22) 10.09.2015
(54) IRON OXIDE RED PIGMENTS WITH IMPROVED COLOUR VALUES
(73) LANXESS Deutschland GmbH
(72) CZAPLIK, Waldemar
KISCHKIEWITZ, Jürgen
SPIEGELHAUER, Stephan
(31) 14184507
(32) 11.09.2014
(33) European Patent Office (EPO)
-
- (51) C01G 53/00
H01M 4/505
H01M 4/525
C01G 51/00
C01G 45/12
(11) EP2621002
(21) EP11826858.0
(47) 23.01.2019
(87) JP2011071440
29.03.2012
(22) 21.09.2011
(54) ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY, ELECTRODE FOR LITHIUM SECONDARY BATTERY, AND LITHIUM SECONDARY BATTERY
(73) GS Yuasa International Ltd.
(72) ENDO Daisuke
KATAYAMA Yoshihiro
(31) 2010217905
2010212383
(32) 28.09.2010
22.09.2010
(33) Japan
Japan
-
- (51) C02F 1/44
B01D 17/00
B01D 61/00
B01D 67/00
B01D 69/02
B01D 71/02
C02F 1/28
(11) EP2937316
- (21) EP13866458.6
(47) 30.01.2019
(87) JP2013082648
26.06.2014
(22) 04.12.2013
(54) METHOD FOR TREATING WATER CONTAINING WATER-INSOLUBLE SUBSTANCE
(73) Metawater Co., Ltd.
Chiyoda Corporation
(72) TSUDA, Kanako
SHINOHARA, Masayo
SHIMURA, Mitsunori
HIRAYAMA, Teruyasu
NONAKA, Norimasa
ISHIKAWA, Fuyuhiko
MIMA, Satoru
(31) 2012279208
(32) 21.12.2012
(33) Japan
-
- (51) C02F 1/44
B01D 61/08
(11) EP3026021
(21) EP15003335.5
(47) 30.01.2019
(22) 21.11.2015
(54) RO INSTALLATION FOR FLUSH SOLUTIONS
(73) Fidica GmbH & Co. KG
(72) VÖLKER, Manfred
(31) 102014017403
(32) 25.11.2014
(33) Germany
-
- (51) C02F 1/461
C02F 1/467
C25B 1/13
(11) EP2125632
(21) EP07827042.8
(47) 23.01.2019
(87) IB2007054561
15.05.2008
(22) 09.11.2007
(54) DIAMOND ELECTRODE
(73) Electrolytic Ozone, Inc.
(72) WHITEHEAD, Andrew John
WORT, Christopher John Howard
SCARSBROOK, Geoffrey Alan
YOST III, William Joseph
(31) 0622482
(32) 10.11.2006
(33) United Kingdom
-
- (51) C02F 1/467
C02F 1/461
C02F 1/00
(11) EP2477951
(21) EP09744597.7
(47) 23.01.2019
(87) DE2009001313
24.03.2011
(22) 18.09.2009
(54) DEVICE FOR DISINFECTING WATER BY MEANS OF ANODIC OXIDATION
(73) AUTARCON GMBH
(72) GOLDMAIER, Martin, Alexander
-
- (51) C02F 1/467
C02F 1/78
F15D 1/12
C02F 1/461

B62D 37/02	JIMENEZ, Julie	(72) ZHAO, Yan
B62D 35/00	MIROUX, Jérémie	JIANG, Chunwei
(11) EP3178730	STEYER, Jean-Philippe	SHAO, Maudun
(21) EP15198600.7	TORRIJOS, Michel	(31) 201410205432
(47) 30.01.2019	SOUSBIE, Philippe	(32) 15.05.2014
(22) 09.12.2015	LEMOINE, Margaux	(33) China
(54) AERODYNAMIC DEVICE FOR MOTOR-VEHICLE	(31) 1651050	(51) C03B 33/03
(73) C.R.F. Società Consortile per Azioni	(32) 10.02.2016	C03B 33/10
(72) RIBALDONE, Enrico Modesto	(33) France	C03B 33/027
MIRETTI, Luca	(51) C03B 5/44	C03B 33/037
(51) C02F 3/08	C03B 9/38	(11) EP2990388
F04C 2/02	C03B 11/12	(21) EP14182328.6
A01K 63/04	C03B 5/20	(47) 30.01.2019
(11) EP3127873	C03B 5/26	(22) 26.08.2014
(21) EP16182330.7	(11) EP3357874	(54) Cutting device for a cutting table
(47) 30.01.2019	(21) EP18154233.3	(73) Mecánicas Teruel S.L.
(22) 02.08.2016	(47) 23.01.2019	(72) Martín, Miguel Tomás
(54) SPIRAL PUMP, DEVICE FOR TREATMENT OF WATER AND METHOD FOR THE PROVISION OF THE SPIRAL PUMP	(22) 30.01.2018	(51) C03B 37/083
(73) Van Den Berg, Bart	(54) DEVICE AND METHOD FOR COOLING A COMPONENT IN CONTACT WITH A GLASS MELT	C03B 37/095
(72) Van Den Berg, Bart	(73) Schott AG	(11) EP2527306
(31) 2015254	(72) HUNNIUS, Holger	(21) EP12003899.7
(32) 03.08.2015	ZINTL, Reinhard	(47) 23.01.2019
(33) Netherlands	DÜRSCH, Ludwig	(22) 18.05.2012
(51) C02F 9/14	(31) 102017201611	(54) Transverse row bushings having ceramic supports
C02F 3/12	(32) 01.02.2017	(73) Johns Manville
C02F 1/28	(33) Germany	CoorsTek, Inc.
C02F 103/36	(51) C03B 23/03	(72) Borsa, Alessandro G.
B01D 61/14	C03B 23/035	Blush, Jason
C02F 103/34	(11) EP2412682	Fitzpatrick, Barry
(11) EP2960214	(21) EP10171230.5	Anderson, Frank
(21) EP12777603.7	(47) 23.01.2019	(31) 201113113201
(47) 23.01.2019	(22) 29.07.2010	(32) 23.05.2011
(87) ES2012070274	(54) Method for bending glass panes	(33) United States of America
01.11.2012	(73) Saint-Gobain Glass France	(51) C03C 3/062
(22) 24.04.2012	(72) Radermacher, Herbert	C03C 3/17
(54) METHOD FOR ELIMINATING PHARMACEUTICAL PRODUCTS FROM WASTE WATER	(51) C03B 23/03	C03C 4/00
(73) Universidade de Santiago de Compostela	C03B 23/035	H01S 3/16
(72) OMIL PRIETO, Francisco	C03C 17/34	H01S 3/17
SERRANO PALACIOS, Denisse	G06F 3/0488	(11) EP3202724
SUÁREZ MARTÍNEZ, Sonia	(11) EP3268321	(21) EP17154447.1
LEMA RODICIO, Juan M.	(21) EP16707631.4	(47) 30.01.2019
(31) 201130652	(47) 30.01.2019	(22) 02.02.2017
(32) 26.04.2011	(87) EP2016000341	(54) ALUMINOPHOSPHATE GLASS COMPOSITION
(33) Spain	15.09.2016	(73) Schott Corporation
(51) C02F 11/04	(22) 26.02.2016	(72) GEORGE, Simi
G01N 21/3563	(54) SURFACE ELEMENT FOR AN OPERATING DEVICE OF A MOTOR VEHICLE	VULLO, Paula
G01N 33/00	(73) Audi AG	KLIMEK, Ronald A.
G01N 21/359	(72) KÜHNER, Manuel	(31) 201615012936
C12M 1/107	WACHINGER, Michael	(32) 02.02.2016
C12M 1/36	MÜLLER, Ulrich	(33) United States of America
(11) EP3205629	(31) 102015002966	(51) C03C 3/085
(21) EP17155588.1	(32) 07.03.2015	C03C 3/087
(47) 23.01.2019	(33) Germany	C03C 3/093
(22) 10.02.2017	(51) C03B 27/044	C03C 3/112
(54) PROCEDURE FOR ESTIMATING THE BIODEGRADATION OF A SUBSTRATE IN A DIGESTER	C03B 27/04	H01L 31/0392
(73) Institut National de la Recherche Agronomique (INRA)	(11) EP3094605	C03C 3/11
BIOENTECH	(21) EP15792043.0	H01L 31/032
(72) CHARNIER, Cyrille	(47) 30.01.2019	(11) EP2394969
LATRILLE, Eric	(87) CN2015078935	(21) EP11003346.1
	19.11.2015	(47) 30.01.2019
	(22) 14.05.2015	(22) 21.04.2011
	(54) TEMPERING AND COOLING METHOD FOR A TEMPERED GLASS	(54) Use of glasses for photovoltaic applications
	(73) Luoyang Landglass Technology Co., Ltd.	(73) SCHOTT AG
		(72) Fechner, Jörg Hinrich, Dr.
		Ott, Franz, Dr.
		Speit, Burkhard, Dr.

- (31) 102010023366
(32) 10.06.2010
(33) Germany
-
- (51) C03C 3/087
C03C 4/20
B65D 85/42
A61J 1/00
(11) EP3241810
(21) EP17167374.2
(47) 23.01.2019
(22) 20.04.2017
(54) PHARMACEUTICAL PACKAGING MEANS WITH A CHEMICALLY RESISTANT GLASS
(73) Schott AG
(72) Schwall, Michael
Kass, Christof
Tratzky, Stephan
Eichholz, Rainer
Nass, Peter
(31) 102016108301
102017102900
(32) 04.05.2016
14.02.2017
(33) Germany
Germany
-
- (51) C03C 17/245
C23C 16/458
C23C 16/455
C23C 16/54
C03C 17/00
(11) EP2688851
(21) EP12790695.6
(47) 23.01.2019
(87) US2012030036
07.02.2013
(22) 22.03.2012
(54) APPARATUS FOR DEPOSITING THIN FILM COATINGS AND METHOD OF DEPOSITION UTILIZING SUCH APPARATUS
(73) Pilkington Group Limited
(72) NELSON, Douglas, M.
WILLIAMS, Ian, R.
SOUBEYRAND, Michel, J.
STRICKLER, David, A.
SANDERSON, Kevin, D.
SETO, Yasunori
TSURI, Keiko
(31) 201161466501 P
(32) 23.03.2011
(33) United States of America
-
- (51) C03C 17/30
C03C 27/04
C08J 7/04
C09D 4/00
C09D 5/00
C09D 183/08
C09J 5/02
(11) EP2094618
(21) EP07822744.4
(47) 23.01.2019
(87) EP2007062569
29.05.2008
(22) 20.11.2007
(54) LOW TEMPERATURE PRIMER COATING COMPOSITION
(73) Sika Technology AG
- (72) DOHNER, Reto
HUCK, Wolf-Rüdiger
(31) 06124398
(32) 20.11.2006
(33) European Patent Office (EPO)
-
- (51) C03C 17/36
(11) EP2262745
(21) EP09721848.1
(47) 23.01.2019
(87) EP2009053294
24.09.2009
(22) 20.03.2009
(54) WINDOW COATED WITH FINE LAYERS
(73) AGC Glass Europe
(72) DI STEFANO, Gaëtan
(31) 08102820
(32) 20.03.2008
(33) European Patent Office (EPO)
-
- (51) C03C 27/12
B32B 27/30
C08L 29/14
(11) EP3053891
(21) EP14848755.6
(47) 30.01.2019
(87) JP2014076145
02.04.2015
(22) 30.09.2014
(54) INTERMEDIATE FILM FOR LAMINATED GLASS, AND LAMINATED GLASS
(73) Sekisui Chemical Co., Ltd.
(72) YOSHIDA, Shougo
IWAMOTO, Tatsuya
SHIMAMOTO, Michio
(31) 2013205105
2013205106
(32) 30.09.2013
30.09.2013
(33) Japan
Japan
-
- (51) C04B 14/22
C04B 28/02
C03C 23/00
C04B 111/20
(11) EP2794505
(21) EP12819063.4
(47) 23.01.2019
(87) EP2012076323
27.06.2013
(22) 20.12.2012
(54) ACTIVATED PULVERISED GLASS AS AN ADDITIVE FOR MORTARS AND CEMENT, AND RELATED CEMENTITIOUS PRODUCTS
(73) ITALCEMENTI S.p.A.
(72) PRINCIGALLO, Antonio
CANGIANO, Stefano
(31) MI20112326
(32) 20.12.2011
(33) Italy
-
- (51) C04B 20/00
C04B 18/08
C04B 40/00
C04B 28/02
C04B 20/02
(11) EP2215031
(21) EP08850291.9
(47) 30.01.2019
- (87) SE2008051286
22.05.2009
(22) 10.11.2008
(54) METHOD FOR PROCESSING OF POZZOLANS.
(73) Procedo Enterprises Etablissement
(72) RONIN, Vladimir
RONIN, Igor
PIKE, Clinton Wesley
(31) 0702483
(32) 12.11.2007
(33) Sweden
-
- (51) C04B 24/12
C04B 28/02
C04B 103/60
C04B 111/20
(11) EP2794508
(21) EP12816472.0
(47) 23.01.2019
(87) EP2012076326
27.06.2013
(22) 20.12.2012
(54) USE OF ADDITIVE TO REDUCE THE TENDENCY OF MORTARS OR CONCRETES TO REACT WITH ALKALI
(73) ITALCEMENTI S.p.A.
(72) PRINCIGALLO, Antonio
CANGIANO, Stefano
(31) MI20112327
(32) 20.12.2011
(33) Italy
-
- (51) C04B 24/42
C08G 77/50
C09D 183/14
(11) EP2151420
(21) EP09164275.1
(47) 23.01.2019
(22) 01.07.2009
(54) WATER REPELLENT TREATMENT FOR BUILDING ELEMENTS CONTAINING MINERAL FIBRES
(73) Evonik Degussa GmbH
(72) Herrwerth, Sascha
Koenig, Frank
Ferenz, Michael
Mund, Christian
(31) 102008040986
(32) 05.08.2008
(33) Germany
-
- (51) C04B 26/06
C08L 3/00
C08L 33/26
C08F 220/56
(11) EP3310736
(21) EP16726558.6
(47) 30.01.2019
(87) EP2016062289
22.12.2016
(22) 31.05.2016
(54) WATER-SOLUBLE OR WATER-SWELLABLE POLYMERS AS FLUID LOSS ADDITIVES FOR CEMENT SLURRIES
(73) Clariant International Ltd
(72) FISCHER, Dirk
KAYSER, Christoph
DIEMEL, Claudia
TONHAUSER, Jürgen

SCHÄFER, Michael	(21) EP14727097.9	(32) 26.06.2015
(31) 15001797	(47) 30.01.2019	(33) United States of America
(32) 17.06.2015	(87) US2014024965	(51) C04B 41/85
(33) European Patent Office (EPO)	25.09.2014	C04B 35/14
(51) C04B 28/02	(22) 12.03.2014	C04B 35/565
C04B 20/00	(54) MELT INFILTRATION WICK	C04B 35/584
C04B 20/10	ATTACHMENT	C04B 35/628
C09C 3/12	(73) Rolls-Royce Corporation	C04B 35/82
C09C 1/30	(72) LAZUR, Andrew J.	C04B 41/00
C08L 33/06	(31) 201361801934 P	C04B 41/50
(11) EP3162354	(32) 15.03.2013	(11) EP2578555
(21) EP16195310.4	(33) United States of America	(21) EP12186879.8
(47) 23.01.2019	(51) C04B 35/622	(47) 23.01.2019
(22) 24.10.2016	C04B 35/80	(22) 01.10.2012
(54) METHOD FOR PRODUCING A FILLER	C04B 35/83	(54) Method of fabricating a ceramic component
MIXTURE, AND FILLER MIXTURE	C04B 41/45	(73) United Technologies Corporation
(73) FR Bayern Technology GmbH	F16D 65/12	(72) Schmidt, Wayne R.
(72) Hock, Klaus	(11) EP3176145	Jarmon, David C.
Kazenas, Darius	(21) EP16192652.2	Tredway, William K.
(31) 102015220770	(47) 23.01.2019	(31) 201113251644
(32) 23.10.2015	(22) 06.10.2016	(32) 03.10.2011
(33) Germany	(54) COMPOSITE BRAKE DISKS WITH	(33) United States of America
(51) C04B 28/06	AN INTEGRATED HEAT SINK,	(51) C04B 41/88
C04B 111/00	METHODS FOR MANUFACTURING	(11) EP2780300
C04B 111/28	THE SAME, AND METHODS FOR	(21) EP12766571.9
(11) EP3245175	PRODUCING ENCAPSULATED HEAT	(47) 23.01.2019
(21) EP15795154.2	SINK MATERIAL	(87) CZ2012000087
(47) 30.01.2019	(73) Goodrich Corporation	23.05.2013
(87) EP2015076615	(72) OPALKA, Susanne M.	(22) 29.08.2012
30.06.2016	ZAFIRIS, Georgios S.	(54) METHOD OF MANUFACTURE OF
(22) 13.11.2015	LI, Weina	PRODUCTS FROM GEOPOLYMER
(54) FIRE PROTECTION PANEL AND	(31) 201514877701	COMPOSITE
METHOD FOR PRODUCING THE SAME	(32) 07.10.2015	(73) IQ Structures S.r.o.
(73) Fermacell GmbH	(33) United States of America	(72) TETHAL, Tomas
(72) VOGEL, Dirk	(51) C04B 35/626	STEINEROVA, Michaela
ÇAKTU, Enver	C01B 33/22	HOUFEK, Jiri
KRAPP, Mascha, Janina	C09C 1/02	(31) 20110732
BORNEMANN, Roland	C09C 1/30	(32) 15.11.2011
(31) 102014019352	C04B 35/20	(33) Czech Republic
(32) 22.12.2014	(11) EP3124457	(51) C05F 17/02
(33) Germany	(21) EP15769512.3	(11) EP2397456
(51) C04B 28/24	(47) 30.01.2019	(21) EP11170109.0
H05B 6/64	(87) JP2015058863	(47) 23.01.2019
(11) EP2531461	01.10.2015	(22) 16.06.2011
(21) EP11723605.9	(22) 24.03.2015	(54) Composter
(47) 23.01.2019	(54) PRODUCTION METHOD FOR	(73) Wüster, Heinrich
(87) IB2011000202	FORSTERITE FINE PARTICLES	(72) Wüster, Heinrich
11.08.2011	(73) Nissan Chemical Corporation	(31) 10012010
(22) 07.02.2011	(72) ISAJI, Tadayuki	(32) 17.06.2010
(54) COMPOUNDS AND COMPOSITIONS	OGIHARA, Takashi	(33) Austria
FOR SUSCEPTOR MATERIALS	KODERA, Takayuki	(51) C07B 49/00
(73) Mascia, Francesco	(31) 2014062408	C07F 7/08
(72) MASCIA, Francesco	(32) 25.03.2014	C07F 7/12
FRATTON, Francesco	(33) Japan	C07F 7/18
(31) MI20100180	(51) C04B 35/83	(11) EP2797855
(32) 05.02.2010	F16D 69/02	(21) EP12815863.1
(33) Italy	C04B 35/626	(47) 23.01.2019
(51) C04B 35/573	(11) EP3109221	(87) JP2012084265
C04B 35/628	(21) EP16176362.8	04.07.2013
C04B 35/80	(47) 23.01.2019	(22) 25.12.2012
C04B 41/85	(22) 27.06.2016	(54) METHOD OF PRODUCING AN ORGANIC
C04B 41/88	(54) METHOD FOR PRODUCING A CARBON/	SILICON COMPOUND
C04B 41/00	CARBON BRAKE DISK AND CARBON/	(73) Dow Corning Toray Co., Ltd.
C04B 41/50	CARBON BRAKE DISK	(72) TANIGUCHI, Yoshinori
C04B 41/51	(73) Goodrich Corporation	SUGIURA, Yasushi
B22F 3/26	(72) RUDOLPH, James Warren	(31) 2011285141
C22C 1/10	LINCK, John	(32) 27.12.2011
(11) EP2970022	(31) 201514752551	

(33) Japan	(11) EP3019460	(11) EP2279161
(51) C07C 13/28	(21) EP14737234.6	(21) EP08874045.1
C07C 15/50	(47) 30.01.2019	(47) 23.01.2019
C07C 25/22	(87) EP2014064564	(87) IN2008000555
C09K 19/20	15.01.2015	29.10.2009
C09K 19/30	(22) 08.07.2014	(22) 01.09.2008
C09K 19/32	(54) SELECTIVE TRANSFER	(54) SPHEROIDAL PARTICLES FOR OLEFIN
C07C 15/54	HYDROGENATION OF CITRAL OR	POLYMERIZATION CATALYST
(11) EP2753676	ETHYL CITRAL	(73) Reliance Industries Limited
(21) EP12746283.6	(73) DSM IP Assets B.V.	(72) GUPTA, Virendrakumar
(47) 23.01.2019	(72) BONRATH, Werner	SINGH, Saurabh
(87) EP2012003363	MEDLOCK, Jonathan, Alan	MAKWANA, Umesh
14.03.2013	WÜSTENBERG, Bettina	JOSEPH, Jomichan
(22) 07.08.2012	SCHÜTZ, Jan	SINGALA, Kamlesh
(54) LIQUID-CRYSTALLINE MEDIUM AND	NETSCHER, Thomas	RAJESH, Smitha
HIGH-FREQUENCY COMPONENTS	(31) 13175592	PATEL, Vallabhbhai
COMPRISING SAME	(32) 08.07.2013	YADAV, Mukeshkumar
(73) Merck Patent GmbH	(33) European Patent Office (EPO)	SINGH, Gurmeet
(72) MANABE, Atsutaka	(51) C07C 29/17	(31) MU09162008
KLASS, Dagmar	C07C 31/12	(32) 25.04.2008
(31) 11007161	C07C 31/20	(33) India
(32) 05.09.2011	C07D 307/08	(51) C07C 29/82
(33) European Patent Office (EPO)	(11) EP3233774	C07C 31/20
(51) C07C 17/23	(21) EP15813374.4	(11) EP3233775
C07C 17/087	(47) 30.01.2019	(21) EP15817211.4
C07C 21/18	(87) EP2015080105	(47) 30.01.2019
C07C 17/21	23.06.2016	(87) EP2015080107
C07C 17/25	(22) 16.12.2015	23.06.2016
(11) EP2563751	(54) PROCESS FOR THE PRODUCTION OF	(22) 16.12.2015
(21) EP11777886.0	N-BUTANOL AND 1,4-BUTANEDIOL	(54) PROCESS FOR THE SEPARATION OF
(47) 23.01.2019	FROM FURAN	GLYCOLS
(87) US2011033836	(73) Shell Internationale Research Maatschappij	(73) Shell Internationale Research Maatschappij
10.11.2011	B.V.	B.V.
(22) 26.04.2011	(72) LANGE, Jean Paul Andre Marie Joseph	(72) FISCHER, Kai Jürgen
(54) METHOD FOR PRODUCING	Gishlain	DE VILLIERS, Waldo Eugene
TETRAFLUOROPROPENES	WADMAN, Sipke Hidde	HUIZENGA, Pieter
(73) Honeywell International Inc.	(31) 14199023	PEREZ GOLF, Carmelo
(72) BEKTESEVIC, Selma	(32) 18.12.2014	(31) 201462093780 P
TUNG, Hsueh S.	(33) European Patent Office (EPO)	(32) 18.12.2014
WANG, Haiyou	(51) C07C 29/60	(33) United States of America
MERKEL, Daniel C.	C07C 33/03	(51) C07C 33/025
JOHNSON, Robert C.	B01J 23/36	C07D 311/72
(31) 201113073023	B01J 35/10	C07C 45/62
329327 P	B01J 37/02	C07C 47/21
(32) 28.03.2011	(11) EP3124462	C07C 49/203
29.04.2010	(21) EP15306244.3	C07C 49/04
(33) United States of America	(47) 30.01.2019	C07C 47/02
United States of America	(22) 30.07.2015	(11) EP2935181
(51) C07C 17/386	(54) USE OF RHENIUM-CONTAINING	(21) EP13828832.9
C07C 21/18	SUPPORTED HETEROGENEOUS	(47) 30.01.2019
B01D 3/40	CATALYSTS FOR THE DIRECT	(87) IB2013061081
(11) EP2819980	DEOXYDEHYDRATION OF GLYCEROL	26.06.2014
(21) EP13754019.1	TO ALLYL ALCOHOL	(22) 18.12.2013
(47) 23.01.2019	(73) Centre National de la Recherche Scientifique	(54) EFFICIENT PROCESS OF ASYMMETRIC
(87) US2013027205	National Institute of Advanced Industrial	HYDROGENATION OF UNSATURATED
06.09.2013	Science and Technology	KETONES USING ADDITIVES
(22) 22.02.2013	Ecole Centrale De Lille	(73) DSM IP Assets B.V.
(54) PROCESS FOR THE REMOVAL	Université Lille 1 - Sciences Et Technologies	(72) MEDLOCK, Jonathan, Alan
OF CONTAMINANT FROM A	(72) KON, Yoshihiro	VERZIJJ, Gerardus, Karel, Maria
HYDROCHLOROFLUOROOLEFIN BY	KATRYNIOK, Benjamin	IPEIJ, Edwin, Gerard
EXTRACTIVE DISTILLATION	DUMEIGNIL, Franck	VRIES, DE, Andreas, Hendrikus, Maria
(73) Arkema, Inc.	ARAQUE, Marcia	(31) 12197791
(72) WISMER, John, A.	PAUL, Sébastien	(32) 18.12.2012
(31) 201261605883 P	(51) C07C 29/70	(33) European Patent Office (EPO)
(32) 02.03.2012	C07C 31/28	(51) C07C 37/08
(33) United States of America	C08F 10/00	C07C 39/04
(51) C07C 29/14	C08F 4/649	C07C 45/53
C07C 33/02	C08F 4/654	C07C 49/403

(11) EP2935183	17.12.2015	(73) LG Chem, Ltd.
(21) EP13808430.6	(22) 04.06.2015	(72) SONG, Jong Hun
(47) 30.01.2019	(54) LIQUID CRYSTAL COMPOUND HAVING	BAEK, Se Won
(87) US2013073707	CF2O BONDING GROUP AND TOLANE	YOO, Sul Hee
26.06.2014	BACKBONE, LIQUID CRYSTAL	MIN, Yoon Jae
(22) 06.12.2013	COMPOSITION, AND LIQUID CRYSTAL	(31) 20150167714
(54) PROCESS FOR MAKING PHENOL AND/ OR CYCLOHEXANONE	DISPLAY ELEMENT	20160129467
(73) ExxonMobil Chemical Patents Inc.	(73) JNC Corporation	(32) 27.11.2015
(72) WANG, Kun	JNC Petrochemical Corporation	07.10.2016
GARCIA, Roberto	(72) TAKAHASHI, Michiko	(33) Korea (Republic)
HELTON, Terry E.	FUJIMORI, Sayaka	Korea (Republic)
NAIR, Hari	SASADA, Yasuyuki	(51) C07C 51/42
SMITH, Charles Morris	(31) 2014120566	C07C 51/44
(31) 201261740272 P	(32) 11.06.2014	C07C 51/47
13159862	(33) Japan	C07C 51/48
(32) 20.12.2012	(51) C07C 45/00	C07C 59/185
19.03.2013	C07C 37/74	C07C 53/02
(33) United States of America	C07C 45/82	(11) EP2928857
European Patent Office (EPO)	(11) EP3180302	(21) EP13802369.2
(51) C07C 37/20	(21) EP15747964.3	(47) 23.01.2019
C07C 37/68	(47) 30.01.2019	(87) EP2013075961
C07C 39/16	(87) US2015043486	12.06.2014
C08G 64/04	18.02.2016	(22) 09.12.2013
C08G 64/22	(22) 03.08.2015	(54) PROCESS FOR THE ISOLATION OF
C08G 64/26	(54) PROCESS FOR PRODUCING	LEVULINIC ACID AND FORMIC ACID
C08L 69/00	CYCLOHEXANONE	(73) Georgia-Pacific LLC
C08J 5/18	(73) ExxonMobil Chemical Patents Inc.	(72) PARTON, Rudy Francois Maria Jozef
G02B 6/00	(72) BECKER, Christopher L.	(31) 12196080
G02B 1/04	DAVIS, Jason D.	201261734523 P
H01L 33/42	DAKKA, Jihad M.	13168025
(11) EP2739599	NADLER, Kirk C.	(32) 07.12.2012
(21) EP12770229.8	(31) 201462037824 P	07.12.2012
(47) 23.01.2019	14188467	16.05.2013
(87) IB2012053994	(32) 15.08.2014	(33) European Patent Office (EPO)
14.02.2013	10.10.2014	United States of America
(22) 03.08.2012	(33) United States of America	European Patent Office (EPO)
(54) POLYCARBONATE COMPOSITIONS	European Patent Office (EPO)	(51) C07C 51/43
HAVING ENHANCED OPTICAL	(51) C07C 45/61	C07C 57/04
PROPERTIES, METHODS OF MAKING	C07D 307/20	B01D 9/00
AND ARTICLES COMPRISING THE	C07C 49/753	(11) EP3183228
POLYCARBONATE COMPOSITIONS	C07D 307/33	(21) EP15742315.3
(73) SABIC Global Technologies B.V.	(11) EP2958883	(47) 30.01.2019
(72) DE BROUWER, Johannes	(21) EP14754902.6	(87) EP2015067495
EIJSBOUTS, Paulus Johannes Maria	(47) 30.01.2019	28.04.2016
BELFADHEL, Hatem Abdallah	(87) US2014017284	(22) 30.07.2015
VAN DEN BOGERD, Jos Arie	28.08.2014	(54) PROCESS FOR THE PURIFICATION OF
(31) 201161515365 P	(22) 20.02.2014	ACRYLIC ACID
(32) 05.08.2011	(54) CYCLOHEXANONE COMPOSITIONS	(73) Sulzer Chemtech AG
(33) United States of America	AND PROCESS FOR MAKING THEREOF	(72) SCHÄFER, Matthias
(51) C07C 43/225	(73) Golden Biotechnology Corporation	KUSZLIK, Andrzej
C09K 19/12	(72) LIU, Sheng-Yung	LIPPUNER, Florian
C09K 19/18	WEN, Wu-Che	ENGSTLER, Herbert
C09K 19/20	CHEN, Chih-Ming	(31) 14190231
C09K 19/30	CHENG, Hsiu-Yi	(32) 24.10.2014
C09K 19/34	(31) 201361767212 P	(33) European Patent Office (EPO)
C09K 19/42	(32) 20.02.2013	(51) C07C 67/03
C09K 19/54	(33) United States of America	C07C 67/333
G02F 1/13	(51) C07C 51/09	C07C 67/56
C07D 213/26	C07C 51/44	C07C 69/52
C07D 239/26	C07C 57/04	C07C 69/533
C07D 239/34	(11) EP3323803	C07C 69/587
C07D 213/30	(21) EP16868844.8	C11B 3/02
C07D 213/65	(47) 23.01.2019	C11C 3/00
(11) EP3156388	(87) KR2016013416	C11C 3/02
(21) EP15806725.6	01.06.2017	(11) EP3119738
(47) 30.01.2019	(22) 21.11.2016	(21) EP15764603.5
(87) JP2015066246	(54) METHOD FOR PREPARING	(47) 30.01.2019
	(METH)ACRYLIC ACID	(87) US2015020647

24.09.2015	(11) EP2718259	(32) 07.12.2009
(22) 16.03.2015	(21) EP11877496.7	30.12.2009
(54) SYSTEMS AND METHODS OF REFINING NATURAL OIL FEEDSTOCKS AND DERIVATIVES THEREOF	(47) 23.01.2019	(33) United States of America United States of America
(73) Elevance Renewable Sciences, Inc.	(87) US2011066708	<hr/>
(72) BALAKRISHNAN, Chandar VISWANATH, Yenamandra METSU-GUCKEL, Efima	20.06.2013	(51) C07C 391/00
BJORKLUND, Mary	(22) 22.12.2011	C07C 395/00
HU, Yongyou	(54) COMPOSITION AND METHOD FOR REDUCING HYDRATE AGGLOMERATION	C07C 1/32
BRONKEMA, Jason	(73) Nalco Company	C07C 11/02
(31) 201461955711 P	(72) WEBBER, Peter A. CONRAD, Peter G.	C07C 17/093
(32) 19.03.2014	FLATT, Austen K.	C07C 319/02
(33) United States of America	(31) 201113326910	C07C 319/14
<hr/>	(32) 15.12.2011	C07C 321/04
(51) C07C 211/00	(33) United States of America	C07C 321/14
C11D 1/28	(51) C07C 269/08	(11) EP3030635
C11D 1/62	C07C 273/18	(21) EP14833997.1
C11D 1/88	(11) EP2896610	(47) 30.01.2019
C11D 1/92	(21) EP15152407.1	(87) US2014049903
C11D 1/94	(47) 30.01.2019	12.02.2015
C11C 3/00	(22) 01.12.2005	(22) 06.08.2014
C07C 211/21	(54) Particle size control for acetylenic agents useful in condition monitoring systems	(54) CONVERSION OF ALKANES TO ORGANOSELENIUMS AND ORGANOTELLURIUMS
C07C 219/08	(73) Temptime Corporation	(73) The Scripps Research Institute
C07C 237/16	(72) Prusik,, Thaddeus Smith,, Dawn Leubner,, Ingo	Periana, Roy A. Konnick, Michael M. Hashiguchi, Brian G.
C07C 209/12	(31) 2818	(72) PERIANA, Roy A. KONNICK, Michael M. HASHIGUCHI, Brian G.
C07C 303/18	(32) 02.12.2004	(31) 201361862732 P
A61Q 19/10	(33) United States of America	(32) 06.08.2013
A61K 8/44	(51) C07C 273/04	(33) United States of America
A61K 8/46	(11) EP3224240	<hr/>
B01F 17/00	(21) EP15781897.2	(51) C07C 405/00
B01F 17/08	(47) 23.01.2019	C07D 307/935
C11D 1/74	(87) EP2015073379	(11) EP2802562
A01N 25/02	02.06.2016	(21) EP12816098.3
A01N 25/30	(22) 09.10.2015	(47) 23.01.2019
(11) EP2633022	(54) PLANT FOR UREA PRODUCTION	(87) HU2012000132
(21) EP11838507.9	(73) CASALE SA	27.06.2013
(47) 23.01.2019	(72) SCOTTO, Andrea	(22) 10.12.2012
(87) US2011057612	(31) 14194856	(54) PROCESS FOR THE PREPARATION OF TRAVOPROST
10.05.2012	(32) 26.11.2014	(73) Chinoin Gyógyszer és Vegyészeti Termékek Gyára Zrt.
(22) 25.10.2011	(33) European Patent Office (EPO)	<hr/>
(54) HARD SURFACE CLEANERS BASED ON COMPOSITIONS DERIVED FROM NATURAL OIL METATHESIS	(51) C07C 311/48	(72) KARDOS, Zsuzsanna KISS, Tibor LÁSZLOFI, István HORTOBÁGYI, Irén BISCHOF, Zoltán BÓDIS, Ádám HAVASI, Gábor
(73) Stepan Company	A61K 31/18	(31) P1100701
(72) ALLEN, Dave, R. BERNHARDT, Randal, J. BROWN, Aaron MASTERS, Ronald, A. WOLFE, Patrick, Shane TITIEVSKY, Lena	A61P 9/04 C07D 265/00 C07C 317/14	(32) 21.12.2011
(31) 406547 P	(11) EP2509941	(33) Hungary
406556 P	(21) EP10793381.4	<hr/>
406570 P	(47) 23.01.2019	(51) C07C 409/22
(32) 25.10.2010	(87) US2010059335	C08L 39/00
25.10.2010	16.06.2011	(11) EP3074376
25.10.2010	(22) 07.12.2010	(21) EP14865410.6
(33) United States of America	(54) N-ACYLATED HYDROXYLAMINE DERIVATIVES AND O-ACYLATED HYDROXYLAMINE DERIVATIVES	(47) 30.01.2019
United States of America	(73) The Johns Hopkins University Cardioxyl Pharmaceuticals Inc.	(87) US2014062671
United States of America	(72) TOSCANO, John P. SUTTON, Art KALISH, Vincent J. BROOKFIELD, Frederick Arthur COURTNEY, Stephen Martin FROST, Lisa Marie	04.06.2015
<hr/>	(31) 267401 P	(22) 28.10.2014
(51) C07C 211/63	291224 P	(54) PARTICLE SUSPENSIONS OF FLOCCULATING POLYMER POWDERS AND POWDER FLOCCULANT POLYMER BLENDS
C10G 9/16		(73) PSMG, LLC
C09K 8/524		(72) HOLT, Jason
B01F 17/18		
C10L 3/00		
C07C 237/06		
C10L 3/10		
C10L 1/224		

- (31) 201314092385
201414182158
- (32) 27.11.2013
17.02.2014
- (33) United States of America
United States of America
-
- (51) C07C 409/34
C07C 407/00
- (11) EP3224244
- (21) EP15801785.5
- (47) 30.01.2019
- (87) EP2015077789
02.06.2016
- (22) 26.11.2015
- (54) METHOD FOR PRODUCING POWDERY
LAUROYL PEROXIDE
- (73) UNITED INITIATORS GMBH
- (72) HERMANN, Dominik
NAGL, Iris
WOLF, Hanno
- (31) 14195444
- (32) 28.11.2014
- (33) European Patent Office (EPO)
-
- (51) C07D 209/46
C07D 217/24
C07D 401/12
C07D 403/12
- (11) EP2438044
- (21) EP10722754.8
- (47) 23.01.2019
- (87) GB2010001092
09.12.2010
- (22) 04.06.2010
- (54) COMPOUNDS
- (73) Japan Tobacco Inc.
- (72) HAMLIN, Richard, John
MADGE, David
MULLA, Mushtaq
JONES, Simon, Mark
HARTZOUOLAKIS, Basil
JOHN, Derek, Edward
- (31) 0909671
- (32) 04.06.2009
- (33) United Kingdom
-
- (51) C07D 213/75
A61K 31/145
A61K 31/17
A61K 31/341
A61K 31/381
A61K 31/4409
A61K 31/443
C07D 407/12
C07D 409/06
C07C 381/10
C07D 213/38
C07D 307/52
A61P 17/06
A61P 19/02
A61P 17/10
A61P 37/06
A61P 35/00
- (11) EP3237384
- (21) EP15828354.9
- (47) 30.01.2019
- (87) FR2015053703
30.06.2016
- (22) 22.12.2015
- (54) NOVEL CHEMOKINE CXCR1 AND
CXCR2 RECEPTOR ANTAGONIST
COMPOUNDS, AND USE THEREOF IN
THE TREATMENT OF CHEMOKINE-
MEDIATED PATHOLOGIES
- (73) Galderma Research & Development
- (72) MUSICKI, Branislav
BHURRUTH-ALCOR, Yushma
- (31) 1463209
- (32) 23.12.2014
- (33) France
-
- (51) C07D 213/79
C07D 213/81
C07D 401/12
C07D 405/12
C07D 413/12
A61K 31/4418
A61K 31/4433
A61K 31/4439
A61P 7/02
- (11) EP3197872
- (21) EP15777625.3
- (47) 30.01.2019
- (87) EP2015071660
31.03.2016
- (22) 22.09.2015
- (54) (2H)-2-OXOPYRIDINES AS FAKTOR
XIA-INHIBITORS FOR TREATING
THROMBOTIC DISEASES
- (73) Bayer Pharma Aktiengesellschaft
- (72) RÖHRIG, Susanne
JIMENEZ-NUNEZ, Eloisa
SCHLEMMER, Karl-Heinz
TERSTEEGEN, Adrian
TELLER, Henrik
HILLISCH, Alexander
HEITMEIER, Stefan
SCHMIDT, Martina Victoria
ACKERSTAFF, Jens
STAMPFUß, Jan
- (31) 14186084
- (32) 24.09.2014
- (33) European Patent Office (EPO)
-
- (51) C07D 213/84
C07D 401/04
C07D 213/61
- (11) EP3233803
- (21) EP15823875.8
- (47) 30.01.2019
- (87) US2015066356
23.06.2016
- (22) 17.12.2015
- (54) PROCESS FOR THE PREPARATION OF A
DIARYLTHIOHYDANTOIN COMPOUND
- (73) Aragon Pharmaceuticals, Inc.
- (72) HAIM, Cyril Ben
HORVATH, Andras
WEERTS, Johan Erwin Edmond
- (31) 201462094436 P
- (32) 19.12.2014
- (33) United States of America
-
- (51) C07D 215/56
G01N 33/53
C07K 16/44
C07D 401/12
C07D 401/14
- (11) EP2644596
- (21) EP11843286.3
- (47) 23.01.2019
- (87) ES2011070800
31.05.2012
- (22) 21.11.2011
- (54) HAPTENS AND IMMUNOREACTIVE
AGENTS AND USE THEREOF FOR
PRODUCING FAMILY ANTIBODIES
AND IMMUNOASSAYS FOR
QUINOLONES
- (73) Consejo Superior De Investigaciones
Científicas (CSIC)
- (72) MARCO COLAS, María Pilar
SÁNCHEZ BAEZA, Francisco José
GONZÁLEZ PINACHO, Daniel
- (31) 201031721 P
- (32) 23.11.2010
- (33) Spain
-
- (51) C07D 233/24
C07D 487/04
- (11) EP3215493
- (21) EP15790150.5
- (47) 23.01.2019
- (87) EP2015075789
12.05.2016
- (22) 05.11.2015
- (54) SYNTHESIS OF COPANLISIB AND ITS
DIHYDROCHLORIDE SALT
- (73) Bayer Pharma Aktiengesellschaft
- (72) PETERS, Jan-Georg
RUBENBAUER, Philipp
GÖTZ, Daniel
GROßBACH, Danja
MAIS, Franz-Josef
SCHIRMER, Heiko
STIEHL, Juergen
LOVIS, Kai
LENDER, Andreas
SEYFRIED, Martin
ZWEIFEL, Theodor
MARTY, Maurus
WEINGÄRTNER, Günter
- (31) 14192203
- (32) 07.11.2014
- (33) European Patent Office (EPO)
-
- (51) C07D 235/30
A61K 31/4184
A61P 35/00
- (11) EP3105210
- (21) EP15705936.1
- (47) 30.01.2019
- (87) EP2015052675
20.08.2015
- (22) 10.02.2015
- (54) BENZIMIDAZOL-2-AMINES AS MIDH1
INHIBITORS
- (73) Bayer Pharma Aktiengesellschaft
- (72) REHWINKEL, Hartmut
SIEBENEICHER, Holger
ANLAUF, Sonja
NGUYEN, Duy
PANKNIN, Olaf
RING, Sven
SCHWEDE, Wolfgang
BAUSER, Marcus
ZIMMERMANN, Katja
KAULFUSS, Stefan
NEUHAUS, Roland
PUSCH, Stefan

- VON DEIMLING, Andreas
(31) 14154680
14182001
(32) 11.02.2014
22.08.2014
(33) European Patent Office (EPO)
European Patent Office (EPO)
-
- (51) C07D 239/70
C07D 491/10
C07D 495/10
C07D 471/10
C07D 487/10
(11) EP1891021
(21) EP06772934.3
(47) 23.01.2019
(87) US2006022828
28.12.2006
(22) 12.06.2006
(54) ASPARTYL PROTEASE INHIBITORS
(73) Merck Sharp & Dohme Corp.
Pharmacoepia, LLC
(72) ZHU, Zhaoning
MCKITTRICK, Brian
STAMFORD, Andrew, W.
LE, Thuy, X.H.
GUO, Tao
(31) 690538 P
(32) 14.06.2005
(33) United States of America
-
- (51) C07D 257/04
A01N 43/713
A01P 3/00
(11) EP2940012
(21) EP13866807.4
(47) 30.01.2019
(87) JP2013085307
03.07.2014
(22) 24.12.2013
(54) TETRAZOLINONE COMPOUND AND
APPLICATIONS THEREOF
(73) Sumitomo Chemical Company Limited
(72) SHIODA, Takayuki
ARIMORI, Sadayuki
(31) 2012284305
(32) 27.12.2012
(33) Japan
-
- (51) C07D 277/58
C07D 417/12
A61K 31/426
A61K 31/454
A61K 31/496
A61K 31/4439
A61K 31/5377
A61K 31/675
A61P 31/20
A61P 31/14
A61P 31/16
A61P 31/04
A61P 33/02
A61P 33/10
C07F 9/6539
(11) EP3006431
(21) EP14820360.7
(47) 30.01.2019
(87) CN2014081626
08.01.2015
(22) 04.07.2014
- (54) TIZOXANIDE CARBAMATE AND
PHARMACEUTICAL USE THEREOF
(73) Institute of Pharmacology and Toxicology
Academy of Military Medical Sciences
P.L.A. China
(72) LI, Song
LI, Xingzhou
ZHONG, Wu
ZHENG, Zhibing
XIAO, Junhai
ZHOU, Xinbo
XIE, Yunde
WANG, Xiaokui
WANG, Lili
CHEN, Wei
XIE, Fei
(31) 201310277710
(32) 04.07.2013
(33) China
-
- (51) C07D 301/19
B01D 3/40
C07D 301/32
B01D 3/14
B01D 17/02
(11) EP3027595
(21) EP14832850.3
(47) 30.01.2019
(87) US2014048436
05.02.2015
(22) 28.07.2014
(54) ALKYLENE OXIDE SEPARATION
SYSTEMS, METHODS, AND
APPARATUSES
(73) Lyondell Chemical Technology, L.P.
(72) LI, Xiangmin
CHANG, Te
LEYSHON, David, W.
DUBNER, Walter, S.
ROSS-MEDGAARDEN, Elizabeth I.
(31) 201361859549 P
201414336149
(32) 29.07.2013
21.07.2014
(33) United States of America
United States of America
-
- (51) C07D 305/14
A61K 31/337
A61P 35/00
(11) EP2791122
(21) EP12815825.0
(47) 23.01.2019
(87) IB2012057170
20.06.2013
(22) 11.12.2012
(54) CRYSTALLINE FORM OF
CABAZITAXEL AND PROCESS FOR
PREPARING THE SAME
(73) Aventis Pharma S.A.
(72) DIDIER, Eric
TREMAUDEUX, Nicolas
ZASKE, Lionel
(31) 11306644
(32) 13.12.2011
(33) European Patent Office (EPO)
-
- (51) C07D 307/06
C07C 29/17
C07C 31/20
(11) EP3227267
- (21) EP15804441.2
(47) 30.01.2019
(87) EP2015078347
09.06.2016
(22) 02.12.2015
(54) PROCESS FOR THE PRODUCTION
OF 1,4-BUTANEDIOL AND
TETRAHYDROFURAN FROM FURAN
(73) Shell Internationale Research Maatschappij
B.V.
(72) LANGE, Jean Paul Andre Marie Joseph
Gishlain
WADMAN, Sipke Hidde
(31) 14196391
(32) 04.12.2014
(33) European Patent Office (EPO)
-
- (51) C07D 307/89
(11) EP3240782
(21) EP15831254.6
(47) 30.01.2019
(87) US2015067597
07.07.2016
(22) 28.12.2015
(54) PROCESS FOR PRODUCING 4-
AZIDOSULFONYLPHTHALIC
ANHYDRIDE
(73) Dow Global Technologies LLC
(72) JANSMA, Matthew, J.
GULLO, Michael, F.
HULL, Jr., John, W.
(31) 201462097786 P
(32) 30.12.2014
(33) United States of America
-
- (51) C07D 311/30
C07D 493/04
A61K 31/352
A61P 31/14
A61P 31/20
C07D 405/04
(11) EP2828248
(21) EP13713752.7
(47) 23.01.2019
(87) EP2013000890
26.09.2013
(22) 22.03.2013
(54) FLAVONE DERIVATIVES AND THEIR
USE
(73) Université de Strasbourg
CNRS Centre National de la Recherche
Scientifique
Twincore GmbH
(72) PIETSCHMANN, Thomas
HAID, Sibylle
GENTZSCH, Juliane
GRETHE, Christina
DAVIOUD-CHARVET, Elisabeth
LANFRANCHI, Don Antoine
ELHABIRI, Mourad
BENLLOCH-MARTIN, Xavier
(31) 12002056
(32) 23.03.2012
(33) European Patent Office (EPO)
-
- (51) C07D 317/12
C07C 41/48
C07B 53/00
C07C 43/313
C07C 43/303
C07D 311/72

C07D 319/06	C07D 471/04	(32) 27.02.2014
(11) EP2935233	(11) EP2943480	(33) India
(21) EP13811497.0	(21) EP13828914.5	(51) C07D 401/06
(47) 30.01.2019	(47) 30.01.2019	C07D 401/14
(87) EP2013077231	(87) EP2013003945	C07D 409/14
26.06.2014	17.07.2014	A01N 43/40
(22) 18.12.2013	(22) 27.12.2013	(11) EP2721020
(54) PROCESS OF ASYMMETRIC	(54) PIPERIDINYLCARBAZOLE AS	(21) EP12801966.8
HYDROGENATION OF KETALS AND	ANTIMALARIAL	(47) 23.01.2019
ACETALS	(73) Merck Patent GmbH	(87) US2012043094
(73) DSM IP Assets B.V.	(72) ROUTIER, Julie	27.12.2012
(72) BONRATH, Werner	SPANGENBERG, Thomas	(22) 19.06.2012
NETSCHER, Thomas	(31) 13150827	(54) METALLOENZYME INHIBITOR
MEDLOCK, Jonathan Alan	(32) 10.01.2013	COMPOUNDS
VERZIJL, Gerardus Karel Maria	(33) European Patent Office (EPO)	(73) Viamet Pharmaceuticals (NC), Inc.
VRIES DE, Andreas Hendrikus Maria	(51) C07D 401/04	(72) HOEKSTRA, William, J.
(31) 12197861	A61K 31/4545	RAFFERTY, Stephen, W.
(32) 18.12.2012	A61P 1/00	YATES, Christopher, M.
(33) European Patent Office (EPO)	A61P 5/08	SCHOTZINGER, Robert, J.
(51) C07D 333/22	A61P 43/00	LOSO, Michael
C07D 307/46	(11) EP3053916	SULLENBERGER, Michael
C07D 307/54	(21) EP14847684.9	(31) 201161498571 P
(11) EP2768897	(47) 30.01.2019	201161505949 P
(21) EP12842121.1	(87) JP2014075794	201261611880 P
(47) 23.01.2019	02.04.2015	(32) 19.06.2011
(87) US2012060840	(22) 29.09.2014	08.07.2011
25.04.2013	(54) COMPOUND HAVING SOMATOSTATIN	16.03.2012
(22) 18.10.2012	RECEPTOR AGONISTIC ACTIVITY AND	(33) United States of America
(54) METHODS FOR MAKING METHYLENE	PHARMACEUTICAL USE THEREOF	United States of America
BETA-DIKETONE MONOMERS	(73) Ono Pharmaceutical Co., Ltd.	United States of America
(73) Sirrus, Inc.	(72) ISHIDA, Akiharu	(51) C07D 401/06
(72) MALOFSKY, Bernard Miles	MATSUSHITA, Takeshi	C07D 401/14
MALOFSKY, Adam Gregg	SEKIGUCHI, Tetsuya	C07D 409/14
DEY, Tanmoy	OKABE, Yasuyuki	A01N 43/40
SULLIVAN, Jeffrey M.	KOMAGATA, Tatsuya	(11) EP2721021
(31) 201161549152 P	NISHIO, Takuya	(21) EP12802388.4
201161549092 P	(31) 2013205027	(47) 23.01.2019
201161549104 P	2013268902	(87) US2012043101
(32) 19.10.2011	(32) 30.09.2013	27.12.2012
19.10.2011	26.12.2013	(22) 19.06.2012
19.10.2011	(33) Japan	(54) METALLOENZYME INHIBITOR
(33) United States of America	Japan	COMPOUNDS
United States of America	(51) C07D 401/04	(73) Viamet Pharmaceuticals (NC), Inc.
United States of America	C07D 403/04	(72) HOEKSTRA, William, J.
(51) C07D 401/04	C07D 405/04	RAFFERTY, Stephen, W.
(11) EP3233823	C07D 409/04	YATES, Christopher, M.
(21) EP15828426.5	C07D 239/94	SCHOTZINGER, Robert, J.
(47) 30.01.2019	A61K 31/517	LOSO, Michael
(87) US2015066345	A61P 35/00	SULLENBERGER, Michael
23.06.2016	(11) EP3110801	GUSTAFSON, Gary D.
(22) 17.12.2015	(21) EP15720483.5	(31) 201161498571 P
(54) PROCESSES FOR THE PREPARATION	(47) 30.01.2019	201161505949 P
OF A DIARYLTHIOHYDANTOIN	(87) IN2015000088	201261611880 P
COMPOUND	03.09.2015	(32) 19.06.2011
(73) Aragon Pharmaceuticals, Inc.	(22) 16.02.2015	08.07.2011
(72) HAIM, Cyril Ben	(54) 6-ARYL-4-PHENYLAMINO-	16.03.2012
HORVATH, Andras	QUINAZOLINE ANALOGS AS	(33) United States of America
WEERTS, Johan Erwin Edmond	PHOSPHOINOSITIDE-3-KINASE	United States of America
ALBANEZE-WALKER, Jennifer	INHIBITORS	United States of America
(31) 201462094425 P	(73) COUNCIL OF SCIENTIFIC &	(51) C07D 401/12
(32) 19.12.2014	INDUSTRIAL RESEARCH	C07D 401/14
(33) United States of America	(72) VISHWAKARMA, Ram Asrey	C07D 405/14
(51) C07D 401/04	BHARATE, Sandip Bibishan	C07D 409/14
A61K 31/454	BHUSHAN, Shashi	A61P 11/00
A61P 25/00	YADAV, Rammohan Rao	A61K 31/4155
A61P 31/00	GURU, Santosh Kumar	(11) EP2556068
A61P 33/00	JOSHI, Prashant	(21) EP11729448.8
A61K 31/4545	(31) 554DE2014	(47) 23.01.2019

(87) GB2011050706 13.10.2011	C07D 413/14 C07D 403/14	(51) C07D 403/12 C07D 401/14
(22) 08.04.2011	A61K 31/422	C07D 223/16
(54) P38 MAP KINASE INHIBITORS	A61K 31/495	C07D 401/04
(73) Respivert Limited	A61P 29/00	C07D 401/12
(72) KING-UNDERWOOD, John	A61P 25/04	A61K 31/55
MURRAY, Peter John	A61P 19/02	A61P 35/00
WILLIAMS, Jonathan Gareth	(11) EP3271348	A61P 37/00
BUCK, Ildiko	(21) EP15825936.6	(11) EP3233835
ONIONS, Stuart Thomas	(47) 30.01.2019	(21) EP15821033.6
(31) 10159380	(87) EP2015081124	(47) 23.01.2019
(32) 08.04.2010	22.09.2016	(87) EP2015079679
(33) European Patent Office (EPO)	(22) 23.12.2015	23.06.2016
(51) C07D 401/14	(54) NEW FYN KINASE INHIBITORS	(22) 15.12.2015
C07D 405/14	(73) Rottapharm Biotech S.r.l.	(54) BENZAZEPINE SULFONAMIDE
C07D 413/14	(72) ARTUSI, Roberto	COMPOUNDS
C07D 401/12	CASELLI, Gianfranco	(73) F.Hoffmann-La Roche AG
C07D 241/20	ROVATI, Lucio	(72) HOVES, Sabine
A61K 31/497	(31) 15159604	KOERNER, Matthias
A61P 11/00	(32) 18.03.2015	WANG, Lisha
(11) EP3030555	(33) European Patent Office (EPO)	YUN, Hongying
(21) EP14745155.3	(51) C07D 403/12	ZHU, Wei
(47) 30.01.2019	(11) EP2933253	ZHANG, Weixing
(87) EP2014066606	(21) EP15164024.0	(31) PCT/CN2014/094181
12.02.2015	(47) 30.01.2019	(32) 18.12.2014
(22) 01.08.2014	(22) 17.04.2015	(33) World Intellectual Property Office (WIPO)
(54) NOVEL PYRAZINE AMIDE	(54) STILBENE OPTICAL BRIGHTENERS	(51) C07D 405/04
COMPOUNDS	(73) 3V SIGMA S.p.A	A61K 31/506
(73) Boehringer Ingelheim International GmbH	(72) Berte', Ferruccio	A61P 35/00
(72) WIEDENMAYER, Dieter	Alborghetti, Patrick	C07D 239/42
HAMPRECHT, Dieter	(31) MI20140726	(11) EP3207037
HECKEL, Armin	(32) 17.04.2014	(21) EP15777707.9
(31) 13179737	(33) Italy	(47) 23.01.2019
(32) 08.08.2013	(51) C07D 403/12	(87) EP2015073609
(33) European Patent Office (EPO)	C07D 231/06	21.04.2016
(51) C07D 401/14	C07D 401/12	(22) 13.10.2015
C07D 413/14	C07D 413/12	(54) FLUORINATED BENZOFURANYL-
A61K 31/4178	A61K 31/506	PYRIMIDINE DERIVATIVES
A61K 31/4439	A61P 35/00	CONTAINING A SULFONE GROUP
A61K 31/444	(11) EP3230274	(73) Bayer Pharma Aktiengesellschaft
A61K 31/506	(21) EP15807653.9	(72) KOSEMUND, Dirk
C07D 403/04	(47) 30.01.2019	LÜCKING, Ulrich
C07D 403/14	(87) EP2015078912	SIEMEISTER, Gerhard
C07D 411/12	16.06.2016	SCHOLZ, Arne
C07D 417/14	(22) 08.12.2015	LIENAU, Philip
C07D 471/04	(54) NOVEL ARYL-CYANOQUANIDINE	(31) 14189241
A61P 25/32	COMPOUNDS	(32) 16.10.2014
A61P 25/34	(73) Bayer Pharma Aktiengesellschaft	(33) European Patent Office (EPO)
A61P 25/24	(72) MOWAT, Jeffrey Stuart	(51) C07D 405/06
A61P 25/36	STELLFELD, Timo	(11) EP3063142
(11) EP3145923	STRESEMANN, Carlo	(21) EP14856853.8
(21) EP15723917.9	HILLIG, Roman	(47) 30.01.2019
(47) 30.01.2019	KÖHR, Silke	(87) US2014062316
(87) EP2015060937	STÖCKIGT, Detlef	07.05.2015
26.11.2015	WEISKE, Jörg	(22) 27.10.2014
(22) 19.05.2015	BRUMBY, Thomas	(54) INHIBITORS OF THE RENAL OUTER
(54) INDOLIN-2-ONE AND 1,3-DIHYDRO-	BARACK, Naomi	MEDULLARY POTASSIUM CHANNEL
PYRROLO[3,2-C]PYRIDIN-2-ONE	CHRIST, Clara	(73) Merck Sharp & Dohme Corp.
DERIVATIVES	TER LAAK, Antonius	(72) PASTERNAK, Alexander
(73) F. Hoffmann-La Roche AG	BADOCK, Volker	TANG, Haifeng
(72) HILPERT, Hans	CRAMPTON, Rosemary Helen	FRIE, Jessica
KOLCZEWSKI, Sabine	STEFANUTI, Ian	FERGUSON, Ronald Dale
LIMBERG, Anja	(31) 14196766	GUO, Zhiqiang
STOLL, Theodor	15163993	SHI, Zhi-Cai
(31) 14169477	(32) 08.12.2014	CATO, Brian
(32) 22.05.2014	17.04.2015	FU, Qinghong
(33) European Patent Office (EPO)	(33) European Patent Office (EPO)	(31) 201361898073 P
(51) C07D 401/14	European Patent Office (EPO)	(32) 31.10.2013

(33) United States of America	(54) ARYL COMPOUND SUBSTITUTED WITH GLYCIDYL AND ALLYL GROUPS AS MACROMONOMER FOR HEAT RESISTANT RESIN MATERIALS	KRISTAM, Rajendra (31) 5984CH2013 (32) 23.12.2013 (33) India
(51) C07D 405/06 C07D 403/06 C07D 231/56 C07D 401/06 C07D 413/06 C07D 405/04 C07D 403/04 C07D 405/14 A61K 31/416 A61P 17/00	(73) Shin-Etsu Chemical Co., Ltd. (72) YANAIZUMI, Kazuhide YANAGISAWA, Hideyoshi (31) 2016001905 2016247324 (32) 07.01.2016 21.12.2016 (33) Japan Japan	(51) C07D 417/04 A61K 31/549 C07D 513/04 A61P 25/00 (11) EP3172206 (21) EP15741532.4 (47) 30.01.2019 (87) EP2015066600 28.01.2016
(11) EP3233836 (21) EP15816174.5 (47) 30.01.2019 (87) EP2015080689 23.06.2016 (22) 18.12.2015	(31) 2016001905 2016247324 (32) 07.01.2016 21.12.2016 (33) Japan Japan	(11) EP3172206 (21) EP15741532.4 (47) 30.01.2019 (87) EP2015066600 28.01.2016
(54) INDAZOLE SULFONAMIDE DERIVATIVES AS INVERSE AGONISTS OF RETINOID-RELATED ORPHAN RECEPTOR GAMMA (ROR GAMMA (T))	(11) EP3131896 (21) EP15779184.9 (47) 30.01.2019 (87) US2015025219 22.10.2015 (22) 10.04.2015	(22) 21.07.2015 (54) PYRIDYL-TRIAZABICYCLES (73) F.Hoffmann-La Roche AG (72) BARTELS, Bjoern DOLENTE, Cosimo GUBA, Wolfgang HAAP, Wolfgang KUGLSTATTER, Andreas OBST SANDER, Ulrike PETERS, Jens-Uwe ROGERS-EVANS, Mark WOLTERING, Thomas SCHNIDER, Christian WERMUTH, Roger
(73) Galderma Research & Development (72) MUSICKI, Branislav OUVRY, Gilles BOUIX-PETER, Claire THOREAU, Etienne	(73) Merck Sharp & Dohme Corp. Mochida Pharmaceutical Co., Ltd. (72) SAKURADA, Isao HIRABAYASHI, Tomokazu MAEDA, Yoshitaka NAGASUE, Hiroshi MIZUNO, Takashi XU, Jiayi ZHANG, Ting SMITH, Cameron PARKER, Dann	(87) EP2015066600 28.01.2016 (22) 21.07.2015 (54) PYRIDYL-TRIAZABICYCLES (73) F.Hoffmann-La Roche AG (72) BARTELS, Bjoern DOLENTE, Cosimo GUBA, Wolfgang HAAP, Wolfgang KUGLSTATTER, Andreas OBST SANDER, Ulrike PETERS, Jens-Uwe ROGERS-EVANS, Mark WOLTERING, Thomas SCHNIDER, Christian WERMUTH, Roger
(31) 1463035 1556341 (32) 19.12.2014 03.07.2015 (33) France France	(72) SAKURADA, Isao HIRABAYASHI, Tomokazu MAEDA, Yoshitaka NAGASUE, Hiroshi MIZUNO, Takashi XU, Jiayi ZHANG, Ting SMITH, Cameron PARKER, Dann (31) 201461980358 P (32) 16.04.2014 (33) United States of America	(31) 14178503 (32) 25.07.2014 (33) European Patent Office (EPO)
(51) C07D 405/06 C07D 413/06 C07D 401/06 C07D 405/04 C07D 401/04 C07D 409/06 C07D 405/14 C07D 403/06 A61K 31/4184 A61P 17/00	(72) SAKURADA, Isao HIRABAYASHI, Tomokazu MAEDA, Yoshitaka NAGASUE, Hiroshi MIZUNO, Takashi XU, Jiayi ZHANG, Ting SMITH, Cameron PARKER, Dann (31) 201461980358 P (32) 16.04.2014 (33) United States of America	(51) C07D 417/06 C07D 309/06 C07D 309/04 C07D 307/93 C07D 261/08 C07D 211/22 (11) EP3233848 (21) EP15820127.7 (47) 30.01.2019 (87) EP2015080687 23.06.2016 (22) 18.12.2015
(11) EP3233838 (21) EP15820128.5 (47) 30.01.2019 (87) EP2015080691 23.06.2016 (22) 18.12.2015	(31) 201461980358 P (32) 16.04.2014 (33) United States of America	(11) EP3233848 (21) EP15820127.7 (47) 30.01.2019 (87) EP2015080687 23.06.2016 (22) 18.12.2015
(54) BENZIMIDAZOLE SULFONAMIDE DERIVATIVES AS INVERSE AGONISTS OF RETINOID-RELATED ORPHAN RECEPTOR GAMMA (ROR GAMMA (T))	(11) EP3087069 (21) EP14820864.8 (47) 30.01.2019 (87) EP2014078944 02.07.2015 (22) 22.12.2014	(54) BENZENESULFONAMIDE DERIVATIVES AS INVERSE AGONISTS OF RETINOID-RELATED ORPHAN RECEPTOR GAMMA (ROR GAMMA (T))
(73) Galderma Research & Development (72) MUSICKI, Branislav THOREAU, Etienne BOUIX-PETER, Claire OUVRY, Gilles	(73) Norgine B.V. (72) BAKTHAVATCHALAM, Rajagopal BASU, Manas Kumar BEHERA, Ajit Kumar VENKATESHAPPA, Chandregowda HEWSON, Christopher Alexander KADNUR, Sanjay Venkatachalapathi KALINDJIAN, Sarkis Barret KULKARNI, Bheemashankar SAXENA, Rohit SURESH, Juluri VISWANATHAN, Vellarkad ZAINUDDIN, Mohd DHARSHINIS, Akila Parvathy	(73) Galderma Research & Development (72) MUSICKI, Branislav OUVRY, Gilles THOREAU, Etienne BOUIX-PETER, Claire (31) 1463034 1556629 (32) 19.12.2014 10.07.2015 (33) France France
(31) 1463035 1556341 (32) 19.12.2014 03.07.2015 (33) France France	(72) BAKTHAVATCHALAM, Rajagopal BASU, Manas Kumar BEHERA, Ajit Kumar VENKATESHAPPA, Chandregowda HEWSON, Christopher Alexander KADNUR, Sanjay Venkatachalapathi KALINDJIAN, Sarkis Barret KULKARNI, Bheemashankar SAXENA, Rohit SURESH, Juluri VISWANATHAN, Vellarkad ZAINUDDIN, Mohd DHARSHINIS, Akila Parvathy	(31) 1463034 1556629 (32) 19.12.2014 10.07.2015 (33) France France
(51) C07D 407/14 (11) EP3190107 (21) EP16207328.2 (47) 30.01.2019 (22) 29.12.2016	(72) BAKTHAVATCHALAM, Rajagopal BASU, Manas Kumar BEHERA, Ajit Kumar VENKATESHAPPA, Chandregowda HEWSON, Christopher Alexander KADNUR, Sanjay Venkatachalapathi KALINDJIAN, Sarkis Barret KULKARNI, Bheemashankar SAXENA, Rohit SURESH, Juluri VISWANATHAN, Vellarkad ZAINUDDIN, Mohd DHARSHINIS, Akila Parvathy	(51) C07D 417/10 (11) EP3137462 (21) EP15785376.3 (47) 30.01.2019 (87) US2015027647 05.11.2015 (22) 24.04.2015 (54) PROCESSES AND INTERMEDIATES FOR THE PREPARATION OF A PDE10 INHIBITOR (73) Omeros Corporation

- (72) CUTSHALL, Neil S.
GAGE, Jennifer Lynn
LITTLE, Thomas L.
LUKE, Wayne Douglas
BROT, Elisabeth C.A.
JONAS, Marco
MCDERMOTT, Michael James
REINEKE, Karl E.
(31) 201461985400 P
(32) 28.04.2014
(33) United States of America
(51) C07D 417/14
C07D 495/04
C07D 513/04
C08G 61/12
H01L 51/00
H01L 51/42
(11) EP2702048
(21) EP12720334.7
(47) 23.01.2019
(87) US2012035254
01.11.2012
(22) 26.04.2012
(54) NOVEL PHOTOACTIVE POLYMERS
(73) Merck Patent GmbH
(72) BYRNE, Paul
WEN, Li
WALLER, David P.
CANTEENWALA, Taizoon
FOYLE, Patrick
JACKSON, Edward
(31) 201161479934 P
(32) 28.04.2011
(33) United States of America
(51) C07D 471/04
A61K 31/435
A61K 31/437
A61P 7/02
(11) EP3197896
(21) EP15771891.7
(47) 30.01.2019
(87) EP2015071646
31.03.2016
(22) 22.09.2015
(54) SUBSTITUTED OXOPYRIDINE
DERIVATIVES
(73) Bayer Pharma Aktiengesellschaft
(72) ROEHRIG, Susanne
HILLISCH, Alexander
STRASSBURGER, Julia
HEITMEIER, Stefan
SCHMIDT, Martina Victoria
SCHLEMMER, Karl-Heinz
TERSTEEGEN, Adrian
BUCHMÜLLER, Anja
GERDES, Christoph
SCHÄFER, Martina
TELLER, Henrik
JIMÉNEZ NÚÑEZ, Eloisa
SCHIROK, Hartmut
KLAR, Juergen
LOBELL, Mario
(31) 14186079
(32) 24.09.2014
(33) European Patent Office (EPO)
(51) C07D 471/04
A61K 31/437
A61P 35/00
A61P 35/04
(11) EP2791137
(21) EP12808328.4
(47) 23.01.2019
(87) EP2012075328
20.06.2013
(22) 13.12.2012
(54) PYRAZOLOPYRIDINE DERIVATIVES,
PREPARATION PROCESS THEREFOR
AND THERAPEUTIC USE THEREOF
(73) SANOFI
(72) ALCOUFFE, Chantal
BJEGARDE, Kirsten
MAUGER, Jacques
(31) 1161589
(32) 14.12.2011
(33) France
(51) C07D 471/04
C07D 487/04
A61K 31/4375
A61P 31/04
(11) EP2742045
(21) EP12746093.9
(47) 23.01.2019
(87) EP2012065733
14.02.2013
(22) 10.08.2012
(54) ANTIBACTERIAL
CYCLOPENTA[C]PYRROLE
SUBSTITUTED 3,4-DIHYDRO-1H-
[1,8]NAPHTHYRIDINONES
(73) Janssen Sciences Ireland Unlimited Company
(72) GUILLEMONT, Jérôme, Emile, Georges
LANÇOIS, David, Francis, Alain
MOTTE, Magali, Madeleine, Simone
KOUL, Anil
BALEMANS, Wendy, Mia, Albert
ARNOULT, Eric, Pierre, Alexandre
(31) 11177119
(32) 10.08.2011
(33) European Patent Office (EPO)
(51) C07D 487/04
A61K 31/4985
A61P 25/28
(11) EP3008065
(21) EP14729373.2
(47) 30.01.2019
(87) EP2014062286
18.12.2014
(22) 12.06.2014
(54) 4-AMINO-6-PHENYL-6,7-
DIHYDRO[1,2,3]TRIAZOLO[1,5-
A]PYRAZINE DERIVATIVES AS
INHIBITORS OF BETA-SECRETASE
(BACE)
(73) Janssen Pharmaceutica NV
(72) OEHLRICH, Daniel
GIJSEN, Henricus, Jacobus, Maria
(31) 13171720
(32) 12.06.2013
(33) European Patent Office (EPO)
(51) C07D 487/04
A61K 31/519
A61P 35/00
(11) EP3107914
(21) EP15706282.9
(47) 30.01.2019
(87) GB2015050494
27.08.2015
(22) 20.02.2015
(54) PYRAZOLO[1,5-A]PYRIMIDINE-5,7-
DIAMINE COMPOUNDS AS CDK
INHIBITORS AND THEIR THERAPEUTIC
USE
(73) Emory University
CANCER RESEARCH TECHNOLOGY
LIMITED
IMPERIAL INNOVATIONS LIMITED
(72) BONDKE, Alexander
KROLL, Sebastian
BARRETT, Anthony
FUCHTER, Matthew
SLAFER, Brian
ALI, Simak
COOMBES, Charles
SNYDER, James Patrick
(31) 201403093
(32) 21.02.2014
(33) United Kingdom
(51) C07D 487/04
A61K 31/519
A61P 35/00
A61K 45/06
A61K 31/541
A61K 31/551
A61K 31/5377
(11) EP3237418
(21) EP15820637.5
(47) 30.01.2019
(87) IB2015059843
30.06.2016
(22) 21.12.2015
(54) TRIAZOLOPYRIMIDINE COMPOUNDS
AND USES THEREOF
(73) Novartis AG
(72) CHAN, Ho Man
GU, Xiang-Ju Justin
HUANG, Ying
LI, Ling
MI, Yuan
QI, Wei
SENDZIK, Martin
SUN, Yongfeng
WANG, Long
YU, Zhengtian
ZHANG, Hailong
ZHANG, Ji Yue (jeff)
ZHANG, Man
ZHANG, Qiong
ZHAO, Kehao
(31) PCT/CN2014/094644
PCT/CN2015/095320
(32) 23.12.2014
23.11.2015
(33) World Intellectual Property Office (WIPO)
World Intellectual Property Office (WIPO)
(51) C07D 491/107
C07D 491/20
A61K 31/438
A61P 25/00
(11) EP3218381
(21) EP15791654.5
(47) 23.01.2019
(87) EP2015076278
19.05.2016
(22) 11.11.2015

(54) SPIRO-THIAZOLONES	16.06.2016	Ding, Sheng
(73) F.Hoffmann-La Roche AG	(22) 11.12.2015	(31) 200808 P
(72) DOLENTE, Cosimo	(54) BIS-THIENOBENZOTHIENOTHIOPHENE	(32) 03.12.2008
FASCHING, Bernhard	COMPOUNDS AND PROCESS FOR	(33) United States of America
RUNTZ-SCHMITT, Valerie	THEIR PREPARATION	(51) C07F 5/02
SCHNIDER, Patrick	(73) Eni S.p.A.	A61K 31/69
(31) 14193294	(72) BIANCHI, Gabriele	A61K 31/155
(32) 14.11.2014	SCHIMPERNA, Giuliana	A61K 49/00
(33) European Patent Office (EPO)	(31) MI20142128	(11) EP2560978
(51) C07D 491/14	(32) 12.12.2014	(21) EP11716786.6
C07D 491/22	(33) Italy	(47) 30.01.2019
C07D 498/14	(51) C07D 498/04	(87) US2011033223
C07D 498/22	A61K 31/424	27.10.2011
C07D 513/22	A61P 25/00	(22) 20.04.2011
A61K 31/4375	(11) EP3240792	(54) INHIBITORS OF ARGINASE AND THEIR
A61P 31/18	(21) EP15822958.3	THERAPEUTIC APPLICATIONS
(11) EP3277691	(47) 23.01.2019	(73) Mars, Incorporated
(21) EP16716776.6	(87) EP2015081337	(72) VAN ZANDT, Michael
(47) 30.01.2019	07.07.2016	GOLEBIOWSKI, Adam
(87) US2016025740	(22) 29.12.2015	JI, Min, Koo
06.10.2016	(54) HETEROCYCLYLALKYNE	WHITEHOUSE, Darren
(22) 01.04.2016	DERIVATIVES AND THEIR USE	RYDER, Todd
(54) POLYCYCLIC-CARBAMOYLPYRIDONE	AS MODULATORS OF MGLUR5	BECKETT, Paul
COMPOUNDS AND THEIR	RECEPTORS	(31) 413202 P
PHARMACEUTICAL USE	(73) Recordati Ireland Limited	326892 P
(73) Gilead Sciences, Inc.	(72) RIVA, Carlo	(32) 12.11.2010
(72) CAI, Zhenhong, R.	ANGELICO, Patrizia	22.04.2010
JIN, Haolun	POGGESSI, Elena	(33) United States of America
LAZERWITH, Scott, E.	DE TOMA, Carlo	United States of America
PYUN, Hyung-Jung	GRAZIANI, Davide	(51) C07F 7/18
(31) 201562142338 P	(31) 201462097482 P	C08F 230/08
(32) 02.04.2015	(32) 29.12.2014	C08F 30/08
(33) United States of America	(33) United States of America	C08G 77/12
(51) C07D 493/04	(51) C07D 498/04	C08G 77/26
A61K 31/353	C07D 498/14	C07F 7/08
A61P 3/00	C07D 498/20	G02B 1/04
A61P 29/00	C07D 498/22	(11) EP3134420
C07D 497/04	A61K 31/5365	(21) EP15720873.7
(11) EP3098224	A61K 31/537	(47) 30.01.2019
(21) EP14873860.2	A61P 25/00	(87) US2015027335
(47) 30.01.2019	(11) EP3256476	29.10.2015
(87) KR2014012688	(21) EP16708260.1	(22) 23.04.2015
02.07.2015	(47) 23.01.2019	(54) CARBOSILOXANE VINYLIC
(22) 23.12.2014	(87) US2016017527	MONOMERS
(54) PYRANOCROMENYL PHENOL	18.08.2016	(73) Novartis AG
DERIVATIVE, AND PHARMACEUTICAL	(22) 11.02.2016	(72) HUANG, Jinyu
COMPOSITION FOR TREATING	(54) FUSED DIHYDRO-4H-PYRAZOLO[5,1-	CHANG, Frank
METABOLIC SYNDROME OR	C][1,4]OXAZINYL COMPOUNDS	(31) 201461984101 P
INFLAMMATORY DISEASE	AND ANALOGS FOR TREATING CNS	(32) 25.04.2014
(73) Glaceum, Inc.	DISORDERS	(33) United States of America
(72) YOO, Sang Ku	(73) Sunovion Pharmaceuticals Inc.	(51) C07F 7/18
CHUNG, Jin Wook	PGI Drug Discovery LLC	C08G 65/336
JO, In Geun	(72) CHYTIL, Milan	C09D 5/00
IM, Jeong Ho	ENGEL, Sharon	C09D 171/00
KANG, Ku Suk	HANANIA, Taleen G.	C09K 3/18
KIM, Jin Young	ALEXANDROV, Vadim	C08G 65/00
(31) 20130162909	LEAHY, Emer	(11) EP2816046
20140181951	(31) 201562115043 P	(21) EP13749475.3
(32) 24.12.2013	(32) 11.02.2015	(47) 23.01.2019
17.12.2014	(33) United States of America	(87) JP2013052945
(33) Korea (Republic)	(51) C07D 513/02	22.08.2013
Korea (Republic)	(11) EP3103804	(22) 07.02.2013
(51) C07D 495/22	(21) EP16174428.9	(54) FLUORINATED ETHER COMPOUND,
C09K 11/06	(47) 30.01.2019	FLUORINATED ETHER COMPOSITION
(11) EP3230291	(22) 03.12.2009	AND COATING FLUID, AND
(21) EP15813005.4	(54) STEM CELL CULTURES	SUBSTRATE HAVING SURFACE-
(47) 23.01.2019	(73) The Scripps Research Institute	TREATED LAYER AND METHOD FOR
(87) EP2015079390	(72) Xu, Yue	ITS PRODUCTION

(73) AGC Inc.	(73) Zschimmer & Schwarz Mohsdorf GmbH & Co. KG	KOO, Hyun
(72) MUROTANI, Eisuke	(72) KREHER, Thomas	KIM, Sangdong
HOSHINO, Taiki	LIEBSCH, Stephan	(31) 20150116207
ISOBE, Akira	RUDOLPH, Carsten	20160101888
SHIRAKAWA, Daisuke	(31) 102014210377	(32) 18.08.2015
JOMUTA, Daisuke	(32) 02.06.2014	10.08.2016
OTOZAWA, Nobuyuki	(33) Germany	(33) Korea (Republic)
(31) 2012032786	(51) C07F 9/53	Korea (Republic)
2012224263	G03F 7/029	(51) C07F 15/00
(32) 17.02.2012	(11) EP3019508	H01L 51/50
09.10.2012	(21) EP14822691.3	(11) EP3045465
(33) Japan	(47) 30.01.2019	(21) EP15202146.5
Japan	(87) IB2014062730	(47) 30.01.2019
(51) C07F 7/18	15.01.2015	(22) 22.12.2015
C08L 83/04	(22) 30.06.2014	(54) ORGANIC LIGHT EMITTING MATERIALS
C08K 5/5455	(54) LIQUID BISACYLPHOSPHINE OXIDE PHOTOINITIATOR	(73) Universal Display Corporation
(11) EP3271367	(73) IGM Group B.V.	(72) MA, Bin
(21) EP16711802.5	(72) CUNNINGHAM, Allan Francis	SU, Mingjuan
(47) 30.01.2019	MISTELI, Katharina	XIA, Chuanjun
(87) EP2016055693	DIETLIKER, Kurt	(31) 201514597857
22.09.2016	GRIMM, Beat	(32) 15.01.2015
(22) 16.03.2016	(31) 13175468	(33) United States of America
(54) SILANES AND CURABLE COMPOSITIONS WHICH CONTAIN SAID SILANES AS CROSS-LINKING AGENTS	(32) 08.07.2013	(51) C07F 15/00
(73) Henkel AG & Co. KGaA	(33) European Patent Office (EPO)	H01L 51/54
(72) GUTACKER, Andrea	(51) C07F 15/00	(11) EP2477999
KLEIN, Johann	C09K 11/00	(21) EP10757570.6
(31) 102015204788	H01L 51/50	(47) 23.01.2019
(32) 17.03.2015	H05B 33/14	(87) EP2010005648
(33) Germany	C09K 11/02	24.03.2011
(51) C07F 7/18	C09K 11/06	(22) 15.09.2010
C23C 16/00	H01L 51/00	(54) FORMULATIONS FOR ELECTRONIC DEVICES
C01B 21/082	(11) EP3046927	(73) Merck Patent GmbH
C01B 33/18	(21) EP14752791.5	(72) ANÉMIAN, Rémi, Manouk
C23C 16/30	(47) 30.01.2019	HEUN, Susanne
C23C 16/455	(87) EP2014002276	EBERLE, Thomas
C01B 32/90	26.03.2015	STOESSEL, Philipp
(11) EP3056500	(22) 19.08.2014	(31) 102009041414
(21) EP16155509.9	(54) POLYCYCLIC PHENYLPYRIDINE IRIDIUM COMPLEXES AND DERIVATIVES THEREOF FOR OLEDs	102009053644
(47) 30.01.2019	(73) Merck Patent GmbH	102009053645
(22) 12.02.2016	(72) HAYER, Anna	PCT/EP2010/002683
(54) BISAMINOALKOXY-SILANE COMPOUNDS AND METHODS FOR USING SAME TO DEPOSIT SILICON-CONTAINING FILMS	JOOSTEN, Dominik	10006208
(73) Versum Materials US, LLC	HEIL, Holger	(32) 16.09.2009
(72) SPENCE, Daniel P.	ANEMIAN, Rémi Manouk	17.11.2009
LEI, Xinjian	DE NONANCOURT, Claire	17.11.2009
PEARLSTEIN, Ronald Martin	(31) 13004552	03.05.2010
XIAO, Manchao	(32) 17.09.2013	15.06.2010
LI, Jianheng	(33) European Patent Office (EPO)	(33) Germany
(31) 201562115729 P	(51) C07F 15/00	Germany
201615017913	C09K 11/06	Germany
(32) 13.02.2015	H01L 51/00	World Intellectual Property Office (WIPO)
08.02.2016	H05B 33/10	European Patent Office (EPO)
(33) United States of America	(11) EP3133078	(51) C07F 17/00
United States of America	(21) EP16184075.6	C07F 7/08
(51) C07F 9/38	(47) 30.01.2019	C08F 4/00
(11) EP3149014	(22) 12.08.2016	C08F 10/00
(21) EP15729105.5	(54) ORGANOMETALLIC COMPOUND AND ORGANIC LIGHT-EMITTING DEVICE INCLUDING THE SAME	(11) EP3218385
(47) 30.01.2019	(73) Samsung Electronics Co., Ltd.	(21) EP15797165.6
(87) EP2015062252	(72) CHOI, Jongwon	(47) 23.01.2019
10.12.2015	KWAK, Yoonhyun	(87) GB2015053456
(22) 02.06.2015	LEE, Kum Hee	19.05.2016
(54) PROCESS FOR PRODUCING CRYSTALLINE DTPMP	LEE, Banglin	(22) 13.11.2015
	LEE, Jungin	(54) METALLO-CENES AND THEIR USE AS POLYMERIZATION CATALYSTS
		(73) SCG Chemicals Co., Ltd.
		(72) O'HARE, Dermot
		BUFFET, Jean-Charles

(31) 201420213 201517383	(33) United States of America	(21) EP10754989.1
(32) 13.11.2014 01.10.2015	(51) C07J 9/00	(47) 30.01.2019
(33) United Kingdom United Kingdom	A61K 31/575	(87) IB2010002160 02.02.2012
(51) C07H 3/06	A61K 36/00	(22) 28.07.2010
C07H 15/04	A61P 1/16	(54) PRE-POLYMER PREPARATIONS FOR CELL CULTURE COATINGS
A23L 29/30	A61P 9/10	(73) Corning Incorporated
A23L 33/00	A61P 27/12	(72) HENRY, David
(11) EP2706871	A61P 39/06	HERVY, Martial
(21) EP12719746.5	C07J 53/00	MARTIN, Arthur, Winston
(47) 23.01.2019	A61K 8/30	BOOKBINDER, Dana, Craig
(87) EP2012058639	(11) EP2377874	O'MALLEY, Shawn, Michael
22.11.2012	(21) EP09827576.1	
(22) 10.05.2012	(47) 23.01.2019	
(54) NUTRITIONAL PRODUCTS	(87) JP2009069563	(51) C07K 14/135
COMPRISING HUMAN MILK	27.05.2010	A61K 39/12
OLIGOSACCHARIDES AND METHODS	(22) 18.11.2009	(11) EP2836505
FOR MANUFACTURE THEREOF	(54) Compositions comprising a lophenol	(21) EP13775839.7
(73) Nestec S.A.	(73) Morinaga Milk Industry Co., Ltd.	(47) 23.01.2019
(72) BRASSART, Dominique	(72) TANAKA, Miyuki	(87) US2013036008
DEKANY, Gyula	NOMAGUCHI, Kouji	17.10.2013
ERDMANN, Peter	EHARA, Tatsuya	(22) 10.04.2013
SCHWARZ, Andrea	(31) 2008295488	(54) HUMAN RESPIRATORY SYNCYTIAL VIRUS CONCENSUS ANTIGENS, NUCLEIC ACID CONSTRUCTS AND VACCINES MADE THEREFORM, AND METHODS OF USING SAME
SPRENGER, Norbert	(32) 19.11.2008	(73) The Trustees Of The University Of Pennsylvania
(31) 11166109	(33) Japan	(72) WEINER, David B.
(32) 13.05.2011	(51) C07K 1/30	CHOO, Daniel
(33) European Patent Office (EPO)	C07K 16/00	MUTHUMANI, Karuppiiah
(51) C07H 15/24	(11) EP2935309	OBENG-ADJEI, Nyameke
C07H 15/256	(21) EP13795434.3	SCOTT, Veronica
C07H 1/08	(47) 23.01.2019	(31) 201261622279 P
A23L 2/60	(87) EP2013003552	(32) 10.04.2012
A23L 27/30	26.06.2014	(33) United States of America
A61K 8/63	(22) 25.11.2013	(51) C07K 14/195
A61K 8/97	(54) COPOLYMERS FOR PROTEIN PRECIPITATION	C07K 14/33
A61Q 11/00	(73) Merck Patent GmbH	A61K 38/00
A61K 36/28	(72) BAUER, Johann	(11) EP3181578
(11) EP2713763	RAPP, Almut	(21) EP17154062.8
(21) EP11866877.1	STANISLAWSKI, Bernd	(47) 30.01.2019
(47) 23.01.2019	CAPITO, Florian	(22) 26.04.2006
(87) US2011047498	(31) 12008475	(54) CARRIER FOR TARGETING NERVE CELLS
06.12.2012	(32) 20.12.2012	(73) Ipsen Bioinnovation Limited
(22) 11.08.2011	(33) European Patent Office (EPO)	(72) RUMMEL, Andreas
(54) STEVIA COMPOSITION	(51) C07K 4/12	Weil, Tanja
(73) PureCircle USA Inc.	C07K 14/47	Gutcaits, Aleksandrs
(72) MARKOSYAN, Avetik	C07K 14/82	(31) 102005019302
(31) 201161491441 P	A61K 39/00	(32) 26.04.2005
(32) 31.05.2011	C12N 15/113	(33) Germany
(33) United States of America	G01N 33/569	(51) C07K 14/365
(51) C07H 21/00	G01N 33/574	(11) EP2788373
C12Q 1/68	(11) EP2918598	(21) EP12794734.9
C07D 487/22	(21) EP15162282.6	(47) 23.01.2019
C07D 221/12	(47) 30.01.2019	(87) EP2012074366
C07D 321/00	(22) 27.02.2008	13.06.2013
(11) EP1348713	(54) Brachyury polypeptides and methods for use	(22) 04.12.2012
(21) EP03004894.6	(73) The Govt. Of U.S.A. As Represented By The Secretary Of The Department Of Health And Human Services	(54) NEW ACTINOMYCETE INTEGRATIVE AND CONJUGATIVE ELEMENT FROM ACTINOPLANES SP. SE50/110 AS PLASMID FOR GENETIC TRANSFORMATION OF RELATED ACTINOBACTERIA
(47) 23.01.2019	(72) Palena, Claudia M.	(73) Bayer Intellectual Property GmbH
(22) 06.03.2003	Kozlov, Andrei P.	(72) KLEIN, Andreas
(54) Labeling reagents and labeled targets, target labeling processes and other processes for using same in nucleic acid determinations and analyses	Schlom, Jeffrey	SELBER, Klaus
(73) Enzo Life Sciences, Inc.	(31) 904236 P	
(72) Stavrianopoulos, Jannis G.	(32) 28.02.2007	
Rabbani, Elazar	(33) United States of America	
(31) 96075	(51) C07K 7/04	
(32) 12.03.2002	C07K 14/78	
	C12N 5/00	
	C12N 5/07	
	(11) EP2598518	

WEHLMANN, Hermann	(54) MURINE ANTI-NY-ESO-1 T CELL RECEPTORS	(32) 19.12.2008
ROSEN, Winfried		(33) United States of America
PÜHLER, Alfred	(73) The United States of America, as represented by The Secretary, Department of Health and Human Services	(51) C07K 16/00
SCHWIENTEK, Patrick		C07K 16/28
KALINOWSKI, Jörn	(72) PARKHURST, Maria R.	C12N 5/16
WEHMEIER, Udo	MORGAN, Richard A.	C12N 5/0781
(31) 11192618	ROSENBERG, Steven A.	(11) EP3176178
(32) 08.12.2011	ROSATI, Shannon Faith	(21) EP16203631.3
(33) European Patent Office (EPO)	(31) 201261650020 P	(47) 30.01.2019
(51) C07K 14/47	(32) 22.05.2012	(22) 21.11.2012
G06F 19/16	(33) United States of America	(54) CD40L EXPRESSING MAMMALIAN CELLS AND THEIR USE
(11) EP3172226	(51) C07K 14/705	(73) F. Hoffmann-La Roche AG
(21) EP15753235.9	C12N 15/62	(72) ENDL, Josef
(47) 30.01.2019	A61K 38/17	FISCHER, Jens
(87) US2015041683	A61K 38/00	KERN, Peter
28.01.2016	(11) EP3112376	OFFNER, Sonja
(22) 23.07.2015	(21) EP16176246.3	PLATZER, Josef
(54) CRYSTAL STRUCTURE OF HUMAN FOUR-PHOSPHATE ADAPTOR PROTEIN 2 GLYCOLIPID TRANSFER PROTEIN LIKE DOMAIN	(47) 23.01.2019	SEEBER, Stefan
(73) Shire Human Genetic Therapies, Inc.	(22) 19.05.2010	(31) 11190341
Fondazione Telethon	(54) BIFUNCTIONAL POLYPEPTIDES	(32) 23.11.2011
(72) MEIYAPPAN, Muthuraman	(73) Immunocore Ltd.	(33) European Patent Office (EPO)
DEMATTEIS, Maria A.	(72) JAKOBSEN, Bent Karsten	(51) C07K 16/08
(31) 201462029180 P	VIUDEPOT, Annelise Brigitte	C07K 16/20
(32) 25.07.2014	LI, Yi	C07K 16/28
(33) United States of America	(31) 0908613	C07K 16/30
(51) C07K 14/54	(32) 20.05.2009	C07K 16/32
C07K 14/55	(33) United Kingdom	(11) EP3116905
C07K 14/705	(51) C07K 16/00	(21) EP15716202.5
C12N 15/86	(11) EP2714733	(47) 30.01.2019
(11) EP3211000	(21) EP12790075.1	(87) US2015019684
(21) EP16157423.1	(47) 23.01.2019	17.09.2015
(47) 30.01.2019	(87) US2012038219	(22) 10.03.2015
(22) 25.02.2016	29.11.2012	(54) PROTEINS COMPRISING BINDING REGIONS, SHIGA TOXIN A SUBUNIT EFFECTOR REGIONS, AND CARBOXY-TERMINAL, ENDOPLASMIC RETICULUM LOCALIZATION SIGNAL MOTIFS
(54) NOVEL IMMUNOSTIMULATING VECTOR SYSTEM	(22) 16.05.2012	(73) Molecular Templates, Inc.
(73) Provecs Medical GmbH	(54) CD3-BINDING MOLECULES CAPABLE OF BINDING TO HUMAN AND NON-HUMAN CD3	(72) POMA, Eric
(72) SCHNIEDERS, Frank, Dr.	(73) MacroGenics, Inc.	WILLERT, Erin
MIEGEL, Andrea	(72) HUANG, Ling	KIM, Jason
BIERMANN-FLEISCHHAUER, Carolin	JOHNSON, Leslie, S.	HIGGINS, Jack
(51) C07K 14/625	(31) 201161488716 P	(31) 201461951110 P
A61K 38/19	201161530353 P	(32) 11.03.2014
A61K 47/68	(32) 21.05.2011	(33) United States of America
(11) EP2790730	(33) United States of America	(51) C07K 16/10
(21) EP12806814.5	United States of America	(11) EP2480572
(47) 23.01.2019	(51) C07K 16/00	(21) EP10760878.8
(87) US2012069013	C07K 16/28	(47) 30.01.2019
20.06.2013	(11) EP2370465	(87) US2010050295
(22) 11.12.2012	(21) EP09799348.9	31.03.2011
(54) METHODS AND COMPOSITIONS FOR CANCER THERAPY USING MUTANT LIGHT MOLECULES WITH INCREASED AFFINITY TO RECEPTORS	(47) 23.01.2019	(22) 24.09.2010
(73) The University of Chicago	(87) EP2009067687	(54) NEUTRALIZING ANTIBODIES TO HIV-1 AND THEIR USE
(72) FU, Yang-Xin	24.06.2010	(73) University of Washington through its Center for Commercialization
(31) 201161576222 P	(22) 21.12.2009	The United States of America, as represented by The Secretary, Department of Health and Human Services
(32) 15.12.2011	(54) GENETIC IMMUNIZATION FOR PRODUCING IMMUNOGLOBULINS AGAINST CELL-ASSOCIATED ANTIGENS SUCH AS P2X7, CXCR7 OR CXCR4	(72) MASCOLA, John, R.
(33) United States of America	(73) Ablynx N.V.	WYATT, Richard
(51) C07K 14/705	(72) LAEREMANS, Toon	WU, Xueling
(11) EP2852613	STORTELERS, Catelijne	LI, Yuxing
(21) EP13726389.3	NOLTE, Friedrich	HOGERKORP, Carl-Magnus
(47) 23.01.2019	GONZALEZ, Maria	ROEDERER, Mario
(87) US2013042162	ASSUNCAO, Joana	YANG, Zhi-yong
28.11.2013	VAN ROMPAEY, Philippe	
(22) 22.05.2013	(31) 203188 P	

NABEL, Gary	LEE, Shu-Hua	MARQUARDT, Tobias
KWONG, Peter	(31) 811850 P	MOOSMAYER, Dieter
ZHOU, Tongqing	(32) 07.06.2006	(31) 201161471101 P
CONNORS, Mark	(33) United States of America	(32) 01.04.2011
OFEK, Gilad	(51) C07K 16/28	(33) United States of America
SHAPIRO, Lawrence	A61K 39/395	(51) C07K 16/46
ZHU, Jiang	A61P 35/00	(11) EP2550297
SCHIEF, William R.	C07K 16/32	(21) EP11730048.3
(31) 252613 P	A61K 45/06	(47) 23.01.2019
402314 P	A61K 31/517	(87) GB2011050613
346808 P	G01N 33/574	29.09.2011
290135 P	A61K 39/00	(22) 25.03.2011
385531 P	(11) EP2788377	(54) DISULFIDE STABILIZED DVD-LG
246039 P	(21) EP12847223.0	MOLECULES
(32) 16.10.2009	(47) 23.01.2019	(73) UCB Biopharma SPRL
27.08.2010	(87) US2012064381	(72) HEYWOOD, Sam, Philip
20.05.2010	16.05.2013	HUMPHREYS, David, Paul
24.12.2009	(22) 09.11.2012	(31) 201005062
22.09.2010	(54) HER3 ANTIBODIES AND USES	201005061
25.09.2009	THEREOF	(32) 25.03.2010
(33) United States of America	(73) The UAB Research Foundation	25.03.2010
United States of America	Beijing Cotimes Biotech Co., Ltd.	(33) United Kingdom
United States of America	(72) ZHOU, Tong	United Kingdom
United States of America	BUCHSBAUM, Donald, J.	(51) C07K 19/00
United States of America	SHEN, Enyun	A61K 39/00
United States of America	CHEN, Xian	A61K 39/155
(51) C07K 16/18	(31) 201161557672 P	A61K 39/295
C12N 1/15	(32) 09.11.2011	A61K 9/107
C12N 1/19	(33) United States of America	A61K 9/127
C12N 1/21	(51) C07K 16/28	A61P 31/14
C12N 5/10	C07K 16/30	A61P 37/04
C12N 15/09	A61K 39/395	C07K 14/135
C12P 21/08	C07K 16/22	C12N 15/45
(11) EP2868667	A61P 35/00	C12N 15/62
(21) EP13812775.8	A61K 39/00	C07K 14/005
(47) 30.01.2019	A61K 45/06	A61K 39/12
(87) JP2013067994	(11) EP3097120	(11) EP3109258
09.01.2014	(21) EP15703380.4	(21) EP16180926.4
(22) 01.07.2013	(47) 23.01.2019	(47) 23.01.2019
(54) THERAPEUTIC AGENT FOR ANEMIA	(87) US2015012595	(22) 23.12.2008
INCLUDING RENAL ANEMIA AND	30.07.2015	(54) RECOMBINANT RSV ANTIGENS
CANCER-INDUCED ANEMIA WHICH	(22) 23.01.2015	(73) GlaxoSmithKline Biologicals s.a.
CONTAINS ANTI-BMP9 ANTIBODY AS	(54) HUMAN ANTIBODIES TO PD-L1	ID Biomedical Corporation of Quebec
ACTIVE INGREDIENT	(73) Regeneron Pharmaceuticals, Inc.	(72) BAUDOUX, Jean-Pierre
(73) Kyowa Hakko Kirin Co., Ltd.	(72) PAPADOPOULOS, Nicholas, J.	BLAIS, Normand
(72) SHIMIZU Kiyoshi	MURPHY, Andrew, J.	RHEAULT, Patrick
YAMAZAKI Yuji	THURSTON, Gavin	RUELLE, Jean-Loius
KUBOTA Tsuguo	IOFFE, Ella	(31) 16524 P
KIMURA Kaname	BUROVA, Elena	56206 P
(31) 201261666981 P	(31) 201461930582 P	(32) 24.12.2007
(32) 02.07.2012	201462089549 P	27.05.2008
(33) United States of America	(32) 23.01.2014	(33) United States of America
(51) C07K 16/28	09.12.2014	United States of America
(11) EP2044120	(33) United States of America	(51) C08B 15/02
(21) EP07795937.7	United States of America	(11) EP2576630
(47) 30.01.2019	(51) C07K 16/38	(21) EP11729642.6
(87) US2007013587	(11) EP2694544	(47) 23.01.2019
21.12.2007	(21) EP12762959.0	(87) FI2011050527
(22) 07.06.2007	(47) 23.01.2019	15.12.2011
(54) ANTIBODIES RECOGNIZING A	(87) US2012031538	(22) 07.06.2011
CARBOHYDRATE CONTAINING	04.10.2012	(54) A NOVEL METHOD TO PRODUCE
EPI TOPE ON CD-43 AND CEA	(22) 30.03.2012	MICROCELLULOSE
EXPRESSED ON CANCER CELLS AND	(54) MONOCLONAL ANTIBODIES AGAINST	(73) Aalto University Foundation sr
METHODS USING SAME	TISSUE FACTOR PATHWAY INHIBITOR	(72) DAHL, Olli
(73) BioAlliance C.V.	(TFPI)	VANHATALO, Kari
(72) LIN, Rong-Hwa	(73) Bayer HealthCare LLC	PARVIAINEN, Kari
LIN, Leewen	(72) WANG, Zhuozhi	SVEDMAN, Mikael
LIN, Shih-Yao	MURPHY, John	(31) 20105641

(32) 07.06.2010	(51) C08F 2/18	A61L 15/60
(33) Finland	C08F 20/06	C08F 20/02
(51) C08B 30/18	C08F 20/56	C08F 20/06
C08G 59/00	C08F 2/32	B01J 20/26
C09D 101/00	C08F 2/10	C08F 2/14
C08L 1/00	C08F 220/06	(11) EP2184300
(11) EP3181590	C08F 220/56	(21) EP08792469.2
(21) EP16202553.0	(11) EP2599797	(47) 23.01.2019
(47) 30.01.2019	(21) EP11812341.3	(87) JP2008064588
(22) 06.12.2016	(47) 23.01.2019	26.02.2009
(54) DI- OR TRISTYRYLPHENOL	(87) JP2011066456	(22) 14.08.2008
MONOGLYCIDYL ETHER ADDUCT OF	02.02.2012	(54) METHOD FOR PRODUCING WATER-
MALTODEXTRIN	(22) 20.07.2011	ABSORBING RESIN SUITABLE FOR USE
(73) ROHM AND HAAS COMPANY	(54) PROCESS FOR PRODUCTION OF	IN SANITARY PRODUCTS
Dow Global Technologies LLC	WATER-ABSORBABLE RESIN	(73) Sumitomo Seika Chemicals Co., Ltd.
(72) BRENNAN, David J.	(73) Sumitomo Seika Chemicals Co., Ltd.	(72) YOKOYAMA, Hideki
CARDOEN, Gregoire	(72) HEGURI, Atsushi	NAWATA, Yasuhiro
DEROCHER, Jonathan	KIKUNO, Sachi	(31) 2007217173
HEFNER JR., Robert E.	YOKOYAMA, Hideki	(32) 23.08.2007
VAN DYK, Antony K.	MAEDA, Nobuhiro	(33) Japan
ZHANG, Tianlan	(31) 2010169679	(51) C08F 2/32
(31) 201562268705 P	(32) 28.07.2010	C08F 2/00
(32) 17.12.2015	(33) Japan	C08J 3/24
(33) United States of America	(51) C08F 2/18	C08F 6/00
(51) C08C 19/22	C08F 20/06	B01J 20/26
B60C 1/00	C08F 20/56	C08F 2/14
C08C 19/25	C08F 2/32	(11) EP2631251
C08C 19/42	C08F 220/56	(21) EP10858674.4
C08C 19/44	C08F 220/06	(47) 23.01.2019
C08F 236/04	A61L 15/60	(87) JP2010070905
C08F 236/10	B01J 20/30	26.04.2012
(11) EP3257869	(11) EP2599796	(22) 24.11.2010
(21) EP16175039.3	(21) EP11812340.5	(54) METHOD FOR PRODUCING WATER-
(47) 23.01.2019	(47) 23.01.2019	ABSORBENT RESIN PARTICLES
(22) 17.06.2016	(87) JP2011066455	AND WATER-ABSORBENT RESIN
(54) SILANE-MEDIATED ENHANCEMENT	02.02.2012	PARTICLES
OF RUBBER STORAGE STABILITY	(22) 20.07.2011	(73) Sumitomo Seika Chemicals Co., Ltd.
(73) Trinseo Europe GmbH	(54) PROCESS FOR PRODUCTION OF	(72) HEGURI Atsushi
(72) Rössle, Michael	WATER-ABSORBABLE RESIN	TANIMURA Kenji
Thiele, Sven	(73) Sumitomo Seika Chemicals Co., Ltd.	ONODA Yuichi
Ebert, Helgard	(72) KIKUNO, Sachi	(31) 2010233906
(51) C08C 19/40	HEGURI, Atsushi	(32) 18.10.2010
C08C 19/24	YOKOYAMA, Hideki	(33) Japan
C08C 19/06	MAEDA, Nobuhiro	(51) C08F 2/34
C08F 136/08	(31) 2010169678	C08F 2/42
C08L 15/00	(32) 28.07.2010	C08F 10/00
C08F 8/40	(33) Japan	(11) EP3237459
B60C 1/00	(51) C08F 2/26	(21) EP15817346.8
(11) EP3215544	C08F 2/38	(47) 30.01.2019
(21) EP15786903.3	C08F 265/06	(87) EP2015080946
(47) 23.01.2019	C09D 5/02	30.06.2016
(87) EP2015074516	C09D 151/06	(22) 22.12.2015
12.05.2016	(11) EP2982699	(54) PROCESS FOR TRANSITIONING
(22) 22.10.2015	(21) EP15186237.2	BETWEEN INCOMPATIBLE
(54) METHOD FOR SYNTHESISING A	(47) 30.01.2019	CATALYSTS
POLYMER HAVING A HYDROXYARYL	(22) 11.04.2012	(73) SABIC Global Technologies B.V.
GROUP, PRODUCT OBTAINED USING	(54) PROCESS FOR THE PREPARATION OF	(72) BANAT, Yahya
SAID METHOD AND COMPOSITION	VINYL POLYMER DISPERSIONS	AL-HUMYDI, Abdulaziz Hamad
CONTAINING SAME	(73) Allnex Netherlands B.V.	FELLAHI, Said
(73) Compagnie Générale des Etablissements	(72) MESTACH, Dirk Emiel Paula	(31) 14199694
Michelin	HEUTS, Mart	(32) 22.12.2014
(72) RANNOUX, Claire	ADOLPHS, Rob	(33) European Patent Office (EPO)
MATMOUR, Rachid	(31) 11161907	(51) C08F 4/64
LOUBAT, Cédric	(32) 11.04.2011	C08F 4/6592
CHATARD, Camille	(33) European Patent Office (EPO)	C07F 17/00
(31) 1460620	(51) C08F 2/32	C08F 210/02
(32) 04.11.2014	A61F 13/49	(11) EP3283534
(33) France	A61F 13/53	(21) EP16718165.0

(47) 23.01.2019	FELLAHI, Said	(51) C08F 20/26
(87) US2016027511	(31) 11010262	C07C 69/54
20.10.2016	(32) 28.12.2011	C07C 69/653
(22) 14.04.2016	(33) European Patent Office (EPO)	C08F 20/30
(54) METHOD FOR SYNTHESIS OF	(51) C08F 10/10	C08K 5/00
MONOCYCLOPENTADIENYL	(11) EP2814852	C08L 33/14
COMPLEXES OF ZIRCONIUM AND	(21) EP13705952.3	C09K 19/12
HAFNIUM	(47) 23.01.2019	C09K 19/30
(73) Univation Technologies, LLC	(87) EP2013052800	C09K 19/38
(72) HARLAN, C. Jeff	22.08.2013	C09K 19/42
(31) 201562148913 P	(22) 13.02.2013	G02F 1/13
(32) 17.04.2015	(54) BORON TRIFLUORIDE CATALYST	C07C 69/533
(33) United States of America	COMPLEX AND METHOD FOR	C07C 69/65
(51) C08F 10/00	PRODUCING HIGHLY REACTIVE	C07C 69/78
C08F 4/656	ISOBUTENE HOMOPOLYMERS	C09K 19/54
C08F 4/651	(73) BASF SE	C09K 19/04
(11) EP2951214	(72) WETTLING, Thomas	C07C 69/73
(21) EP14701554.9	HIRSCH, Stefan	C08F 218/12
(47) 23.01.2019	BRYM, Markus	C07C 43/215
(87) EP2014051609	WEIS, Markus	(11) EP2990424
07.08.2014	(31) 12155866	(21) EP14787539.7
(22) 28.01.2014	(32) 17.02.2012	(47) 30.01.2019
(54) CATALYST COMPOSITION FOR	(33) European Patent Office (EPO)	(87) JP2014056748
POLYMERIZATION OF OLEFINS	(51) C08F 14/18	30.10.2014
(73) Saudi Basic Industries Corporation	(11) EP2651989	(22) 13.03.2014
(72) TAFTAF, Mansour	(21) EP11805705.8	(54) POLYMERIZABLE COMPOUND AND
SAINANI, Jaiprakash Brijlal	(47) 23.01.2019	POLYMERIZABLE COMPOSITION
ZAKHAROV, Vladimir Aleksandrovich	(87) US2011064571	(73) JNC Corporation
BUKATOV, Gennadii Dimitrievich	21.06.2012	JNC Petrochemical Corporation
VIMALKUMAR, Mahendrabhai Patel	(22) 13.12.2011	(72) KOBAYASHI, Masahide
SERGEEV, Sergei Andreevich	(54) MICROEMULSIONS AND	GOTOH, Yasuyuki
ZUIDEVELD, Martin Alexander	FLUOROPOLYMERS MADE USING	GOTO, Mayumi
BATINAS-GEURTS, Aurora Alexandra	MICROEMULSIONS	(31) 2013092150
(31) 13000492	(73) 3M Innovative Properties Company	(32) 25.04.2013
13000481	(72) FUKUSHI, Tatsuo	(33) Japan
13199147	DAHLKE, Gregg D.	(51) C08F 110/02
13199160	DUCHESNE, Denis	C08F 4/656
201461927029 P	GROOTAERT, Werner M.A.	C08F 4/649
201461927034 P	GUERRA, Miguel A.	(11) EP3197924
(32) 31.01.2013	LAST, Larry A.	(21) EP15760143.6
31.01.2013	SCOTT, Peter J.	(47) 23.01.2019
20.12.2013	QIU, Zai-Ming	(87) EP2015070135
20.12.2013	(31) 201061424330 P	31.03.2016
14.01.2014	(32) 17.12.2010	(22) 03.09.2015
14.01.2014	(33) United States of America	(54) A CONTINUOUS PROCESS FOR
(33) European Patent Office (EPO)	(51) C08F 16/06	THE PRODUCTION OF ULTRA-
European Patent Office (EPO)	C08F 8/12	HIGH MOLECULAR WEIGHT
European Patent Office (EPO)	C08F 18/04	POLYETHYLENE
European Patent Office (EPO)	B01J 19/24	(73) SABIC Global Technologies B.V.
United States of America	B01J 4/00	(72) FRIEDERICHS, Nicolaas Hendrika
United States of America	C08F 118/08	VLAAR, Mark
(51) C08F 10/00	C08J 3/12	SCHOFFELEN, Tom
C08F 210/16	C08L 29/04	VAN KESSEL, Matthijs
C08J 5/22	(11) EP3153531	(31) 14185914
C08F 4/642	(21) EP15802865.4	(32) 23.09.2014
C08F 4/6592	(47) 23.01.2019	(33) European Patent Office (EPO)
(11) EP2797967	(87) JP2015066058	(51) C08F 136/06
(21) EP12809616.1	10.12.2015	C08F 136/08
(47) 23.01.2019	(22) 03.06.2015	C08F 2/02
(87) EP2012005298	(54) POLYVINYL ALCOHOL POWDER AND	C08F 2/60
04.07.2013	METHOD FOR PRODUCING SAME	C08F 4/42
(22) 20.12.2012	(73) Kuraray Co., Ltd.	C08L 9/00
(54) CATALYST COMPOSITION AND	(72) HORIGUCHI, Junpei	C08L 21/00
METHOD FOR PREPARING THE SAME	TANAKA, Kazuyuki	(11) EP3250616
(73) Saudi Basic Industries Corporation	FUNAKOSHI, Junji	(21) EP16708231.2
(72) AL-HUMYDI, Abdulaziz Hamad	(31) 2014115417	(47) 23.01.2019
BANAT, Yahya	(32) 04.06.2014	(87) US2016015328
ABURAQABAH, Atieh	(33) Japan	04.08.2016

- (22) 28.01.2016
(54) AGED LANTHANIDE-BASED CATALYST SYSTEMS AND THEIR USE IN THE PREPARATION OF CIS-1,4-POLYDIENES
(73) Bridgestone Corporation
(72) DICKSTEIN, Joshua S.
ABELL, Joshua
KOCSIS, Laura S.
MCCAULEY, Kevin
(31) 201562108761 P
201562108781 P
201562108899 P
(32) 28.01.2015
28.01.2015
28.01.2015
(33) United States of America
United States of America
United States of America
(51) C08F 210/02
(11) EP3156429
(21) EP15806248.9
(47) 23.01.2019
(87) JP2015002816
17.12.2015
(22) 03.06.2015
(54) MULTI-COMPONENT COPOLYMER, RUBBER COMPOSITION, AND TIRE
(73) Bridgestone Corporation
(72) OISHI, Shigeki
(31) 2014121722
(32) 12.06.2014
(33) Japan
(51) C08F 210/02
C08F 2/01
C08F 10/02
C08L 23/08
(11) EP3087111
(21) EP14827373.3
(47) 30.01.2019
(87) US2014072138
02.07.2015
(22) 23.12.2014
(54) PROCESSES TO FORM ETHYLENE-BASED POLYMERS USING ASYMMETRICAL POLYENES
(73) Dow Global Technologies LLC
(72) BERBEE, Otto J.
HINRICHS, Stefan
EDDY, Christopher R.
MUNJAL, Sarat
OSBY, John O.
EWART, Sean W.
(31) 201361920899 P
(32) 26.12.2013
(33) United States of America
(51) C08F 210/02
C08F 2/01
C08F 10/02
C08L 23/08
(11) EP3087112
(21) EP14827682.7
(47) 30.01.2019
(87) US2014072214
02.07.2015
(22) 23.12.2014
(54) PROCESSES TO IMPROVE REACTOR STABILITY FOR THE PREPARATION OF ETHYLENE-BASED POLYMERS USING ASYMMETRICAL POLYENES
(73) Dow Global Technologies LLC
(72) EDDY, Christopher R.
OSBY, John O.
EWART, Sean W.
MUNJAL, Sarat
HINRICHS, Stefan
BERBEE, Otto J.
(31) 201361920928 P
(32) 26.12.2013
(33) United States of America
(51) C08F 210/16
C08F 4/64
(11) EP2938648
(21) EP13811738.7
(47) 30.01.2019
(87) US2013073980
03.07.2014
(22) 10.12.2013
(54) A POLYMERIZATION PROCESS FOR PRODUCING ETHYLENE BASED POLYMERS
(73) Dow Global Technologies LLC
(72) DEMIRORS, Mehmet
FIGUEROA, Ruth
KLOSIN, Jerzy
THOMAS, Pulikkottil J.
DESJARDINS, Sylvie
KAPUR, Mridula
FONTAINE, Philip P.
(31) 201261746218 P
(32) 27.12.2012
(33) United States of America
(51) C08F 210/18
C08F 4/64
C08L 23/16
(11) EP3277737
(21) EP16712576.4
(47) 30.01.2019
(87) US2016020212
06.10.2016
(22) 01.03.2016
(54) PROCESSES FOR THE PRODUCTION OF HIGH MOLECULAR WEIGHT ETHYLENE/ALPHA-OLEFIN/NON-CONJUGATED INTERPOLYMERS WITH LOW LEVELS OF LONG CHAIN BRANCHING
(73) Dow Global Technologies LLC
(72) FONTAINE, Philip P.
SUN, Lixin
LI PI SHAN, Colin
TUBERQUIA, Juan C.
BROWN, Susan G.
MADENJIAN, Edward O.
BRENNAN, Gregory J.
(31) 201562141110 P
(32) 31.03.2015
(33) United States of America
(51) C08F 214/06
C08F 218/08
(11) EP3235837
(21) EP16846808.0
(47) 23.01.2019
(87) KR2016010134
23.03.2017
(22) 09.09.2016
(54) VINYL CHLORIDE-VINYL ACETATE COPOLYMER, AND PREPARATION METHOD THEREFOR
(73) LG Chem, Ltd.
(72) LEE, Chan Hee
LEE, Kwang Jin
LEE, Hyun Min
YOUK, Kyung Seog
(31) 20150129709
20160114396
(32) 14.09.2015
06.09.2016
(33) Korea (Republic)
Korea (Republic)
(51) C08F 220/06
(11) EP3063189
(21) EP14792427.8
(47) 30.01.2019
(87) EP2014072390
07.05.2015
(22) 20.10.2014
(54) WATER-ABSORBING POLYMER PARTICLES
(73) BASF SE
(72) BAUER, Stephan
MARK, Tina
KÖNIG, Lydia
HAGEN, Yvonne
DANIEL, Thomas
(31) 13190835
14160249
(32) 30.10.2013
17.03.2014
(33) European Patent Office (EPO)
European Patent Office (EPO)
(51) C08F 220/06
A61L 15/00
(11) EP2814854
(21) EP13702480.8
(47) 23.01.2019
(87) EP2013052153
22.08.2013
(22) 04.02.2013
(54) WASSERABSORBIERENDE POLYMERPARTIKEL MIT HOHER QUELLGESCHWINDIGKEIT UND HOHER PERMEABILITÄT
(73) BASF SE
(72) WEISMANTEL, Matthias
RIEGEL, Ulrich
GIEGER, Thomas
BRAUN, Markus
MITCHELL, Michael
(31) 12155529
(32) 15.02.2012
(33) European Patent Office (EPO)
(51) C08F 222/06
C08G 81/02
C08G 65/32
G03F 7/033
(11) EP2698389
(21) EP13180410.6
(47) 23.01.2019
(22) 14.08.2013
(54) Photosensitive alkali-soluble resin, method of preparing the same, and color photosensitive resist containing the same
(73) BOE Technology Group Co., Ltd.

(72) Li, Lin	C08L 23/16	(22) 24.05.2005
Shu, Shi	C08L 23/12	(54) Fast demold/extended cream time polyurethane formulations
Sun, Wenwen	(11) EP3237475	(73) Evonik Degussa GmbH
Zhao, Ming	(21) EP15817709.7	(72) Andrew, Gary Dale
(31) 201210292588	(47) 30.01.2019	Listemann, Mark Leo
(32) 16.08.2012	(87) US2015065206	Stehley, Patrick Gordon
(33) China	30.06.2016	Tobias, James Douglas
(51) C08F 222/26	(22) 11.12.2015	Miller, John William
C09D 181/00	(54) THERMOPLASTIC VULCANIZATE INCLUDING RUBBER BLOCK INTERPOLYMER	(31) 856042
C08G 75/045	(73) Dow Global Technologies LLC	131179
B32B 27/00	(72) WU, Xiaosong	(32) 28.05.2004
H01L 51/52	(73) WU, Xiaosong	18.05.2005
(11) EP3239197	(72) WU, Xiaosong	(33) United States of America
(21) EP17168408.7	WALTON, Kim L.	United States of America
(47) 23.01.2019	LI PI SHAN, Colin	(51) C08G 18/20
(22) 27.04.2017	(31) 201462096024 P	C08G 18/28
(54) LAYERED STRUCTURES AND QUANTUM DOT SHEETS AND ELECTRONIC DEVICES INCLUDING THE SAME	(32) 23.12.2014	C08G 18/62
(73) Samsung Electronics Co., Ltd	(33) United States of America	C08G 18/79
(72) KANG, Hyun A	(51) C08G 18/10	C09D 175/04
WON, Nayoun	C08G 18/48	C08G 18/80
JANG, Eun Joo	C08G 18/71	(11) EP3230335
KWON, Ha Il	C09J 175/08	(21) EP15820056.8
LEE, Jeong Hee	C07F 7/18	(47) 30.01.2019
CHO, Oul	C09J 201/10	(87) EP2015078035
KIKUCHI, Tomoyuki	(11) EP2852625	16.06.2016
(31) 20160052520	(21) EP13724275.6	(22) 30.11.2015
(32) 28.04.2016	(47) 23.01.2019	(54) COATING COMPOSITIONS AND COATINGS PREPARED FROM THESE AND THEIR USE
(33) Korea (Republic)	(87) EP2013060554	(73) BASF Coatings GmbH
(51) C08F 222/38	28.11.2013	(72) KLEIN, Guenter
(11) EP3327050	(22) 22.05.2013	FEIGL, Andreas
(21) EP16827721.8	(54) SILANE GROUPS CONTAINING POLYMER	ARENS, Christian
(47) 23.01.2019	(73) Sika Technology AG	STUEBBE, Wilfried
(87) JP2016070901	(72) KRAMER, Andreas	WENKING, Ulrike
26.01.2017	BURCKHARDT, Urs	LAERBUSCH, Marlene
(22) 14.07.2016	(31) 12169151	MATHIEU, Mareike
(54) CURABLE COMPOSITION	(32) 23.05.2012	(31) 14196791
(73) FUJIFILM Corporation	(33) European Patent Office (EPO)	(32) 08.12.2014
(72) TADA, Yuko	(51) C08G 18/12	(33) European Patent Office (EPO)
AMAO, Akihito	C08G 18/48	(51) C08G 18/48
(31) 2015143131	C08G 18/50	C08G 18/10
(32) 17.07.2015	C08G 18/40	C08G 18/30
(33) Japan	C08G 18/42	C09J 175/08
(51) C08F 297/04	C08G 18/75	C08G 18/75
C08L 53/02	(11) EP2083029	C08G 18/76
C08F 8/04	(21) EP07831659.3	C08G 18/78
(11) EP1521787	(47) 23.01.2019	(11) EP2886571
(21) EP03755978.8	(87) JP2007071929	(21) EP14196750.5
(47) 23.01.2019	22.05.2008	(47) 30.01.2019
(87) EP2003005875	(22) 12.11.2007	(22) 08.12.2014
11.12.2003	(54) OPTICAL POLYURETHANE RESIN COMPOSITION AND OPTICAL POLYURETHANE RESIN	(54) Moisture- and heat-crosslinkable polyurethane-based adhesive composition comprising a low content of isocyanate monomer
(22) 03.06.2003	(73) Mitsui Chemicals, Inc.	(73) BOSTIK SA
(54) PROCESS FOR MAKING A COUPLED BLOCK COPOLYMER COMPOSITION AND THE RESULTING COMPOSITION	(72) KAJITA, Yasuyuki	(72) Michaud, Guillaume
(73) Kraton Polymers U.S. LLC	MORITA, Hirofumi	Simon, Frédéric
(72) ATWOOD, Harvey, Emerson	(31) 2006311752	(31) 1362993
BENING, Robert, C.	(32) 17.11.2006	(32) 19.12.2013
HANDLIN, Dale, L. Jr.	(33) Japan	(33) France
JOHNSON, Kimberly, Ann	(51) C08G 18/16	(51) C08G 18/48
WILLIS, Carl Lesley	C08G 18/32	C08G 18/72
(31) 385663 P	C08J 9/00	C08G 18/75
(32) 04.06.2002	C08G 18/10	C08G 18/78
(33) United States of America	C08G 18/76	C08G 18/79
(51) C08F 297/08	C08G 18/09	C08G 18/10
C08L 53/00	(11) EP2787016	
	(21) EP14173716.3	
	(47) 30.01.2019	

C09J 163/00	C08K 5/06	(54) NON-REACTIVE HOT-MELT ADHESIVE WITH LACTIDE-BASED COPOLYMER
(11) EP3265499	C09D 175/04	(73) PURAC Biochem BV
(21) EP16706212.4	C08G 18/42	(72) BRAAM, Kevin Bernardus
(47) 30.01.2019	C08G 18/48	SCHAEKENS, Chris Francois Hubert
(87) EP2016053956	C08L 27/06	VERKERK, Jessie Richarda Anna
09.09.2016	C08L 75/04	
(22) 25.02.2016	(11) EP3265500	(51) C08G 63/64
(54) IMPROVED LOW TEMPERATURE IMPACT STRENGTH IN PTMEG BASED POLYURETHANE IMPACT STRENGTH MODIFIERS	(21) EP16711077.4	(11) EP3353229
(73) Sika Technology AG	(47) 30.01.2019	(21) EP17731635.3
(72) KRÜGER, Christian	(87) US2016020890	(47) 30.01.2019
RHEINEGGER, Urs	15.09.2016	(87) IB2017052501
(31) 15157537	(22) 04.03.2016	02.11.2017
(32) 04.03.2015	(54) WATER BASED PRIMER COMPOSITION	(22) 28.04.2017
(33) European Patent Office (EPO)	(73) H. B. Fuller Company	(54) POLY(ESTER-CARBONATE) COPOLYMERS, ARTICLES FORMED THEREFROM, AND METHODS OF MANUFACTURE
(51) C08G 18/72	(72) PEREZ GARCIA, Luis, G.	(73) SABIC Global Technologies B.V.
C08G 18/38	LAGO NUNEZ, Carmen	(72) FARRELL, Tony
G02B 1/04	PANGAIO DA COSTA, Joel, A.	SYBERT, Paul Dean
G02B 1/115	DE CALMES, Nicolas	MAHOOD, James Alan
G02B 1/14	(31) 201562129520 P	(31) 201662328879 P
G02C 7/02	(32) 06.03.2015	(32) 28.04.2016
(11) EP3178859	(33) United States of America	(33) United States of America
(21) EP15829553.5	(51) C08G 59/18	(51) C08G 64/02
(47) 23.01.2019	C08G 59/14	C08G 63/64
(87) JP2015072332	C08G 59/50	(11) EP3018162
11.02.2016	C08G 59/68	(21) EP15199396.1
(22) 06.08.2015	C08L 63/00	(47) 30.01.2019
(54) POLYMERIZABLE COMPOSITION, MOLDED OBJECT, AND USE THEREOF	C09D 163/00	(22) 18.04.2013
(73) Mitsui Chemicals, Inc.	C09D 5/00	(54) COPOLYCARBONATE
(72) SHINOHARA Naoki	(11) EP2885333	(73) TEIJIN LIMITED
KAWATO Nobuo	(21) EP13745495.5	(72) MOTOYOSHI, Tetsuya
JANG Dong Gyu	(47) 23.01.2019	IMAZATO, Kenta
ROH Soo Gyun	(87) US2013050777	YAMANAKA, Katsuhiko
(31) 2014161314	20.02.2014	(31) 2012094767
2014206449	(22) 17.07.2013	2012133901
(32) 07.08.2014	(54) FAST CURING AGENTS FOR EPOXY RESINS	2012200618
07.10.2014	(73) Blue Cube IP LLC	2013020494
(33) Japan	(72) SCHROETZ, Markus	(32) 18.04.2012
Japan	(31) 201261683883 P	13.06.2012
(51) C08G 18/73	(32) 16.08.2012	12.09.2012
C08G 18/78	(33) United States of America	05.02.2013
C08G 18/28	(51) C08G 61/00	(33) Japan
C08G 71/04	(11) EP3233962	Japan
C09J 175/04	(21) EP15820354.7	Japan
C09J 175/08	(47) 30.01.2019	Japan
(11) EP3119826	(87) US2015063920	Japan
(21) EP15719771.6	23.06.2016	(51) C08G 64/02
(47) 30.01.2019	(22) 04.12.2015	G02B 1/04
(87) FR2015050637	(54) ANTISTATIC POLYMERS AND METHODS OF MAKING THE SAME	(11) EP3202815
24.09.2015	(73) 3M Innovative Properties Company	(21) EP15846267.1
(22) 17.03.2015	(72) YANG, Yu	(47) 23.01.2019
(54) POLYURETHANE PREPOLYMER WITH CYCLOCARBONATE END GROUPS OF LOW VISCOSITY AND THE USE THEREOF IN THE PRODUCTION OF A MULTI-COMPONENT ADHESIVE COMPOSITION	KEHREN, Jason M.	(87) JP2015077245
(73) BOSTIK SA	IYER, Suresh S.	07.04.2016
(72) MICHAUD, Guillaume	LAMANNA, William M.	(22) 28.09.2015
PEREIRA, Marjorie	KLUN, Thomas P.	(54) POLYCARBONATE RESIN AND OPTICAL LENS
SIMON, Frédéric	PETERSON, Jeffrey A.	(73) Mitsubishi Gas Chemical Company, Inc.
(31) 1452275	(31) 201462092562 P	(72) KATO Noriyuki
(32) 19.03.2014	(32) 16.12.2014	HIRAKAWA Manabu
(33) France	(33) United States of America	MOTOI Takashi
(51) C08G 18/76	(51) C08G 63/08	KITAMURA Mitsuharu
	C09J 5/06	(31) 2014200807
	C09J 167/04	2015065896
	(11) EP3214106	(32) 30.09.2014
	(21) EP16158479.2	27.03.2015
	(47) 23.01.2019	(33) Japan
	(22) 03.03.2016	Japan

(51) C08G 64/04	(47) 23.01.2019	C09D 177/02
C08G 64/16	(87) EP2016051611	C09D 177/06
C08G 73/10	04.08.2016	C09D 179/02
C08K 5/524	(22) 27.01.2016	C08L 77/00
C08L 69/00	(54) METHOD FOR MANUFACTURING	F16L 57/06
C08L 79/08	POLYETHER CARBONATE POLYOLS	F16L 58/10
(11) EP3280758	(73) Covestro Deutschland AG	F16L 9/147
(21) EP16718091.8	(72) HOFMANN, Jörg	F16L 11/04
(47) 23.01.2019	MÜLLER, Thomas, Ernst	C08J 5/00
(87) US2016026333	POHL, Michael	(11) EP2998339
13.10.2016	LEITNER, Walter	(21) EP15181946.3
(22) 07.04.2016	(31) 15152830	(47) 30.01.2019
(54) THERMOPLASTIC COMPOSITIONS,	(32) 28.01.2015	(22) 21.08.2015
ARTICLES FORMED THEREFROM,	(33) European Patent Office (EPO)	(54) METALLIC PIPE HAVING A
AND METHODS OF MANUFACTURE	(51) C08G 65/333	HYDROLYSIS-RESISTANT LAYER
THEREOF	C08G 18/50	OF A POLYAMIDE MOULDING
(73) SABIC Global Technologies B.V.	C08G 18/28	COMPOSITION
(72) ZHOU, Hao	C08G 65/336	(73) Evonik Degussa GmbH
BAJAJ, Pooja	C08L 101/10	(72) FRANOSCH, Jürgen
GALLUCCI, Robert Russell	C08G 65/334	BAUMANN, Franz-Erich
(31) 201562144041 P	(11) EP3237489	BEYER, Horst
(32) 07.04.2015	(21) EP15817018.3	DOWE, Andreas
(33) United States of America	(47) 30.01.2019	PAWLIK, Andreas
(51) C08G 64/18	(87) US2015064149	(31) 14182218
C08G 64/20	30.06.2016	(32) 26.08.2014
(11) EP2871200	(22) 05.12.2015	(33) European Patent Office (EPO)
(21) EP13812542.2	(54) MOISTURE CURABLE POLYMER	(51) C08G 73/06
(47) 30.01.2019	SYSTEMS BASED ON A MIXTURE OF	C08G 61/12
(87) JP2013067574	POLYSILYLATED POLYETHERS	C09K 11/06
09.01.2014	(73) Dow Global Technologies LLC	H01L 51/00
(22) 26.06.2013	(72) WILLUMSTAD, Thomas, P.	(11) EP2834286
(54) POLYCARBONATE-	JAGTAP, Subodh	(21) EP13713876.4
POLYORGANOSILOXANE COPOLYMER	(31) 201462095601 P	(47) 23.01.2019
AND METHOD FOR CONTINUOUSLY	(32) 22.12.2014	(87) EP2013056903
PRODUCING SAME	(33) United States of America	10.10.2013
(73) Idemitsu Kosan Co., Ltd	(51) C08G 69/28	(22) 02.04.2013
(72) NAGAO, Yukiko	B29C 47/60	(54) DIKETOPYRROLOPYRROLE
ISHIKAWA, Yasuhiro	B29C 47/76	POLYMERS AND SMALL MOLECULES
MOTEGI, Hiroaki	B29B 7/48	(73) BASF SE
(31) 2012151903	B29B 7/84	(72) HAYOZ, Pascal
(32) 05.07.2012	C08G 69/26	(31) 201261619943 P
(33) Japan	C08G 69/36	12163088
(51) C08G 64/18	B29C 47/64	12163887
C08G 64/32	B29K 77/00	201261623080 P
C08G 65/26	C08L 77/06	(32) 04.04.2012
(11) EP2046861	B29C 47/00	04.04.2012
(21) EP07796940.0	C08L 77/00	12.04.2012
(47) 23.01.2019	B29C 47/92	12.04.2012
(87) US2007016355	(11) EP2975075	(33) United States of America
31.01.2008	(21) EP14762601.4	European Patent Office (EPO)
(22) 19.07.2007	(47) 30.01.2019	European Patent Office (EPO)
(54) POLYETHER CARBONATE	(87) JP2014055699	United States of America
POLYOLS VIA CATALYSIS OF NON-	18.09.2014	(51) C08G 73/10
CRYSTALLINE DOUBLE METAL	(22) 05.03.2014	(11) EP3131949
CYANIDE (DMC)	(54) METHOD FOR PRODUCING	(21) EP15718737.8
(73) Covestro LLC	POLYAMIDE RESIN	(47) 30.01.2019
(72) HAIDER, Karl, W.	(73) Mitsubishi Gas Chemical Company, Inc.	(87) US2015025948
MCDANIEL, Kenneth, G.	(72) ODA, Takafumi	22.10.2015
HAYES, John, E.	TSUNAKA, Nobuhide	(22) 15.04.2015
SHEN, Jianzhong	MITADERA, Jun	(54) METHODS OF MANUFACTURE OF
(31) 491680	KATO, Tomonori	POLYETHERIMIDES
(32) 24.07.2006	(31) 2013052130	(73) SABIC Global Technologies B.V.
(33) United States of America	(32) 14.03.2013	(72) CHAULAGAIN, Mani Raj
(51) C08G 64/34	(33) Japan	GUGGENHEIM, Thomas Link
C08G 64/42	(51) C08G 73/02	ODLE, Roy Ray
C08G 65/26	C08L 77/02	(31) 201461979713 P
(11) EP3250626	C08L 77/06	(32) 15.04.2014
(21) EP16701535.3	C08L 79/02	(33) United States of America

- (51) C08G 75/02
C08G 75/00
- (11) EP3034542
(21) EP14841865.0
(47) 30.01.2019
(87) JP2014073090
12.03.2015
(22) 02.09.2014
(54) POLYARYLENE SULFIDE RESIN,
MANUFACTURING METHOD
THEREFOR, AND MOLDING
- (73) DIC Corporation
National University Corporation Iwate
University
- (72) WATANABE Hajime
FURUSAWA Takashi
OGAWA Satoshi
TAKATA Toshikazu
- (31) 2013182604
(32) 03.09.2013
(33) Japan
-
- (51) C08G 75/22
(11) EP2578618
(21) EP11786561.8
(47) 30.01.2019
(87) JP2011061605
01.12.2011
(22) 13.05.2011
(54) METHOD FOR PRODUCING
COPOLYMER OF DIALLYLAMINE AND
SULFUR DIOXIDE
- (73) Nitto Boseki Co., Ltd
(72) SATO, Yusuke
FUKUSHIMA, Yusuke
NAKATA, Yusuhito
- (31) 2010120146
(32) 26.05.2010
(33) Japan
-
- (51) C08G 77/388
C08G 77/455
C08L 83/10
(11) EP3237496
(21) EP15837164.1
(47) 30.01.2019
(87) US2015065445
30.06.2016
(22) 14.12.2015
(54) FREE RADICALLY POLYMERIZABLE
SILOXANES AND SILOXANE
POLYMERS
- (73) 3M Innovative Properties Company
(72) HUMPAL, Paul E.
SHERMAN, Audrey A.
MAZUREK, Mieczyslaw H.
CRAIG, Bradley D.
- (31) 201462095157 P
(32) 22.12.2014
(33) United States of America
-
- (51) C08G 83/00
C08B 37/16
C08G 65/32
(11) EP1921104
(21) EP06782910.1
(47) 23.01.2019
(87) JP2006316457
08.03.2007
(22) 23.08.2006
- (54) HYDROPHOBIC MODIFIED
POLYROTAXANE AND CROSSLINKED
POLYROTAXANE
- (73) Nissan Motor Co., Ltd.
The University of Tokyo
- (72) ITO, Kohzo
ARAKI, Jun
SUZUKI, Tatsuya c/o intel. property dept.
NISSAN MOTOR CO., LTD.
YAMANAKA, Masahiko intel. Property
Dept. NISSAN MOTOR CO., LTD.
WATANABE, Kentarou Intel. Property Dept.
NISSAN MOTOR CO., LTD.,
- (31) 2005251508
2005284925
(32) 31.08.2005
29.09.2005
(33) Japan
Japan
-
- (51) C08G 101/00
C08G 18/48
C08G 18/63
C08G 18/12
C08G 18/32
(11) EP2513182
(21) EP10795566.8
(47) 23.01.2019
(87) US2010060257
14.07.2011
(22) 14.12.2010
(54) POLYURETHANE FOAM WITH SOFT
SURFACE TOUCH
- (73) Dow Global Technologies LLC
(72) BENVENUTI, Andrea
- (31) 287299 P
(32) 17.12.2009
(33) United States of America
-
- (51) C08J 3/00
(11) EP2743289
(21) EP13187443.0
(47) 23.01.2019
(22) 04.10.2013
(54) Method for perfuming a plastic element
- (73) Michael Pitt V.O.F.
(72) Vandeputte, Bart Piet Jozef
- (31) 201200841
(32) 12.12.2012
(33) Belgium
-
- (51) C08J 3/16
C08J 3/11
C08J 9/28
(11) EP3088445
(21) EP14875637.2
(47) 30.01.2019
(87) JP2014083423
02.07.2015
(22) 17.12.2014
(54) POLYPHENYLENE SULFIDE
MICROPARTICLES
- (73) Toray Industries, Inc.
(72) OTSUBO, Takahiko
ASANO, Itaru
WAKAHARA, Yoko
TAKEZAKI, Hiroshi
- (31) 2013267094
2014134154
(32) 25.12.2013
30.06.2014
- (33) Japan
Japan
-
- (51) C08J 3/205
C08J 3/22
C08K 5/43
(11) EP2810975
(21) EP14181798.1
(47) 30.01.2019
(22) 31.08.2009
(54) Process for attaching a modifying agent to a
substrate
- (73) Dow Global Technologies LLC
(72) McMichael, James W.
Theuerkauf, Joerg
Hook, Bruce D.
Finlayson, Malcolm F.
- (31) 101469 P
(32) 30.09.2008
(33) United States of America
-
- (51) C08J 3/205
C08L 51/04
B29C 47/40
B29C 47/76
(11) EP3019548
(21) EP14744476.4
(47) 30.01.2019
(87) EP2014063907
08.01.2015
(22) 01.07.2014
(54) PROCESS FOR THE MANUFACTURING
OF ABS-MOLDING COMPOSITIONS
- (73) INEOS Styrolution Group GmbH
(72) NIESSNER, Norbert
BANASZAK, Brian J.
VERSTRAETEN, Rudy
MICHEL, Gisbert
FISCHER, Wolfgang
RUTHARD, Christian
JANSEN, Ulrich
- (31) 13174792
13175247
(32) 02.07.2013
05.07.2013
(33) European Patent Office (EPO)
European Patent Office (EPO)
-
- (51) C08J 3/24
C08L 23/16
C08L 23/26
C08L 61/06
C08L 77/06
(11) EP3078701
(21) EP14867983.0
(47) 30.01.2019
(87) JP2014082224
11.06.2015
(22) 05.12.2014
(54) POLYAMIDE THERMOPLASTIC
ELASTOMER COMPOSITION AND
MOLDED ARTICLE THEREOF
- (73) Mitsui Chemicals, Inc.
(72) EBATA, Hiroki
ENOMOTO, Tatsuya
WASHIO, Isao
KAGEYAMA, Fumio
TAKEISHI, Atsushi
ISHII, Yuji
AMANO, Akinori
- (31) 2013253036

2014025249	B29K 67/00	YOSHIE, Satomi
2014068102	B29L 7/00	SENDA, Hiroki
(32) 06.12.2013	B29L 9/00	TAKAHIRA, Hitoshi
13.02.2014	B32B 7/00	SEKIGUCHI, Yuka
28.03.2014	B32B 7/02	HAYASHIUCHI, Rie
(33) Japan	B32B 27/06	ENDO, Asuka
Japan	B32B 27/08	(31) 2010264415
Japan	(11) EP2799469	2010264416
(51) C08J 3/24	(21) EP12861730.5	2010264417
C09J 127/16	(47) 23.01.2019	2010264418
C08K 5/00	(87) JP2012082203	2010264419
C09K 3/10	04.07.2013	2010264420
B32B 15/08	(22) 12.12.2012	2010264421
B32B 25/00	(54) BIAXIALY ORIENTED POLYESTER	2010264422
(11) EP2557109	FILM FOR MOLDING	2010264423
(21) EP11177265.3	(73) Toray Industries, Inc.	2010264424
(47) 23.01.2019	(72) MANABE, Isao	2010264425
(22) 11.08.2011	SHOJI, Hideo	2010264426
(54) METHOD OF BONDING A	TAKAHASHI, Kozo	2010265578
FLUOROELASTOMER COMPOUND TO	(31) 2011287305	2010265579
A METAL SUBSTRATE USING LOW	2012192799	2010265580
MOLECULAR WEIGHT FUNCTIONAL	(32) 28.12.2011	2010265581
HYDROCARBONS AS BONDING	03.09.2012	(32) 26.11.2010
PROMOTER	(33) Japan	26.11.2010
(73) 3M Innovative Properties Company	Japan	26.11.2010
(72) Hintzer, Klaus	(51) C08J 5/18	26.11.2010
Lochhaas, Helmut	C08K 5/00	26.11.2010
Arren, Dirk	C08L 67/02	26.11.2010
Eberl, Karl	C08L 67/04	26.11.2010
(51) C08J 5/00	(11) EP1697462	26.11.2010
C08K 5/10	(21) EP04814907.4	26.11.2010
C08K 5/103	(47) 23.01.2019	26.11.2010
(11) EP2145914	(87) US2004042775	26.11.2010
(21) EP09165508.4	14.07.2005	26.11.2010
(47) 23.01.2019	(22) 17.12.2004	29.11.2010
(22) 15.07.2009	(54) POLYMER BLENDS WITH IMPROVED	29.11.2010
(54) SOFTENER PREPARATIONS	RHEOLOGY AND IMPROVED	29.11.2010
(73) LANXESS Deutschland GmbH	UNNOTCHED IMPACT STRENGTH	29.11.2010
(72) Hansel, Jan-Gerd	(73) NOVAMONT SpA	(33) Japan
Wiedemeier, Melanie	(72) HALE, Wesley, Raymond	Japan
(31) 102008033834	TANNER, Candace, Michele	Japan
(32) 19.07.2008	(31) 531599 P	Japan
(33) Germany	531723 P	Japan
(51) C08J 5/04	5266	Japan
(11) EP2937377	5587	Japan
(21) EP13864161.8	(32) 22.12.2003	Japan
(47) 30.01.2019	22.12.2003	Japan
(87) JP2013083819	06.12.2004	Japan
26.06.2014	06.12.2004	Japan
(22) 18.12.2013	(33) United States of America	Japan
(54) FIBER-REINFORCED THERMOPLASTIC-	United States of America	Japan
RESIN MOLDED ARTICLE	United States of America	Japan
(73) Toray Industries, Inc.	United States of America	Japan
(72) HIRATA, Shin	(51) C08J 5/18	Japan
MITSUTSUJI, Yuki	C08L 23/26	(51) C08J 7/04
NISHIMURA, Toru	C08L 27/18	C08J 7/18
(31) 2012279213	C08L 67/04	C08G 77/18
2012279214	B32B 27/36	C09D 163/00
2012279215	(11) EP2644643	C09D 183/00
(32) 21.12.2012	(21) EP11843504.9	(11) EP3208297
21.12.2012	(47) 30.01.2019	(21) EP16200974.0
21.12.2012	(87) JP2011076794	(47) 30.01.2019
(33) Japan	31.05.2012	(22) 28.11.2016
Japan	(22) 21.11.2011	(54) FLEXIBLE DISPLAY DEVICE, METHOD
Japan	(54) POLYLACTIC ACID-BASED FILM OR	FOR FABRICATING WINDOW MEMBER
(51) C08J 5/18	SHEET	OF SAME, AND HARD COATING
B29C 55/12	(73) Nitto Denko Corporation	COMPOSITION
B32B 27/36	(72) ISHIGURO, Shigeki	(73) Samsung Display Co., Ltd.

(72) Park, Youngsang Jeong, Chulho Kim, Ahyoung	(72) AHN, Dongchan HRABAL, James WONG, Christopher	ROSSINI, Samuele
(31) 20160019687	(31) 201461970036 P	(31) UB20150293
(32) 19.02.2016	(32) 25.03.2014	(32) 06.05.2015
(33) Korea (Republic)	(33) United States of America	(33) Italy
(51) C08J 7/04	(51) C08J 9/36	(51) C08K 3/24
C08K 5/053	C04B 28/26	C08K 3/22
C08L 23/08	C04B 28/14	C08L 77/00
C08L 51/08	C04B 28/02	H05K 3/18
(11) EP3227365	C04B 28/10	C08K 7/14
(21) EP15808299.0	C04B 28/24	(11) EP3083792
(47) 23.01.2019	E04B 1/76	(21) EP14812517.2
(87) US2015060643	(11) EP2762522	(47) 30.01.2019
09.06.2016	(21) EP13153901.7	(87) EP2014077910
(22) 13.11.2015	(47) 23.01.2019	25.06.2015
(54) POLYOLEFIN POLYOLS AS SURFACE MODIFYING AGENTS	(22) 04.02.2013	(22) 16.12.2014
(73) Dow Global Technologies LLC	(54) INSULATING ELEMENT, INSULATING SYSTEM AND METHOD FOR THE	(54) PLASTIC MOULDING MATERIAL AND USE OF SAME
(72) ANDERSON, Kyle ZHANG-WATSON, Ling	ACOUSTIC AND/OR THERMAL INSULATION OF A BUILDING WALL OR CEILING	(73) EMS-Patent AG
(31) 201462085873 P	(73) STO SE & Co. KGaA	(72) STÖPPELMANN, Georg
(32) 01.12.2014	(72) Burgeth, Gerald	(31) 13199146
(33) United States of America	Hitzler, Martin Weier, Andreas	(32) 20.12.2013
(51) C08J 7/12	(51) C08K 3/08	(33) European Patent Office (EPO)
B32B 15/09	C08K 9/06	(51) C08K 5/00
B65D 65/02	C08K 7/06	C08K 5/09
C08L 67/02	F42B 12/74	C08G 65/26
(11) EP3130629	G21F 1/10	C08G 65/329
(21) EP15805886.7	A01K 95/00	C08K 5/41
(47) 23.01.2019	(11) EP1689811	B01F 17/00
(87) JP2015002944	(21) EP04810911.0	C08K 5/42
17.12.2015	(47) 23.01.2019	C08K 5/521
(22) 11.06.2015	(87) US2004037931	C08L 67/08
(54) METHOD FOR IMPARTING HEAT SEALABILITY TO BIAXIALLY ORIENTED POLYESTER FILM, AND METHOD FOR PRODUCING PACKAGING CONTAINER	02.06.2005	C09D 167/08
(73) Toppan Printing Co., Ltd.	(22) 12.11.2004	(11) EP1694781
(72) SASAKI, Noriyuki YAJIMA, Shunsuke	(54) ENHANCED PROPERTY METAL POLYMER COMPOSITE	(21) EP04806055.2
(31) 2014121672	(73) Wild River Consulting Group, LLC	(47) 30.01.2019
2014181344	(72) HEIKKILA, Kurt, E.	(87) GB2004005240
2015026632	(31) 520507 P	30.06.2005
2015082606	571060 P	(22) 15.12.2004
(32) 12.06.2014	571456 P	(54) PAINT ADDITIVE
05.09.2014	(32) 14.11.2003	(73) CRODA INTERNATIONAL PLC
13.02.2015	14.05.2004	Croda Americas LLC
14.04.2015	14.05.2004	(72) MCNAMEE, William, Harry
(33) Japan	(33) United States of America	BLEASE, Trevor, Graham
Japan	United States of America	GRADE, Johny, Denis
Japan	(51) C08K 3/22	BEVINAKATTI, Hanamanthsa, Shankarsa
Japan	C08K 5/103	(31) 0329178
(51) C08J 7/16	C08K 5/5415	(32) 17.12.2003
C08J 7/04	C08K 5/00	(33) United Kingdom
C08F 10/00	(11) EP3292167	(51) C08K 5/00
C08L 83/04	(21) EP16725043.0	C08K 5/521
C08L 23/00	(47) 23.01.2019	C08K 3/00
C08J 5/18	(87) EP2016059737	C08L 69/00
(11) EP3122807	10.11.2016	(11) EP2935436
(21) EP14887683.2	(22) 02.05.2016	(21) EP13811192.7
(47) 30.01.2019	(54) SELF-CLEANING COMPOSITE MATERIAL FOR PRODUCING MOLDED	(47) 30.01.2019
(87) US2014069700	KITCHEN AND BATHROOM INTERIOR	(87) EP2013077020
01.10.2015	DECORATION ITEMS	26.06.2014
(22) 11.12.2014	(73) DELTA s.r.l.	(22) 18.12.2013
(54) MODIFIED ELASTOMER SURFACE	(72) BUGIOLACCHIO, Antonio	(54) OPAQUELY COLOURED POLYCARBONATE MOULDINGS CONTAINING IR REFLECTANT PIGMENTS
(73) Dow Silicones Corporation	PIANESI, Maria Savina	(73) Covestro Deutschland AG
		(72) MEYER, Alexander
		REICHENAUER, Joerg
		OSER, Rafael
		(31) 12198349
		(32) 20.12.2012

(33) European Patent Office (EPO)	(22) 05.02.2014	(73) Saudi Basic Industries Corporation
(51) C08K 5/095	(54) NITRILE RUBBER COMPOSITION	SABIC Global Technologies B.V.
C08L 39/08	(73) NOK Corporation	(72) NEUTEBOOM, Peter
G02B 5/30	(72) YAMOTO Hiromitsu	VALKIER, Pieter
G02F 1/13363	KOMIYA Eiji	(31) 13199158
C08J 5/18	FURUKAWA Tomonori	(32) 20.12.2013
(11) EP3233998	(31) 2013032217	(33) European Patent Office (EPO)
(21) EP15820924.7	(32) 21.02.2013	(51) C08L 25/12
(47) 30.01.2019	(33) Japan	C08L 55/02
(87) US2015064205	(51) C08L 23/00	C08F 279/04
23.06.2016	C09D 7/00	(11) EP3298079
(22) 07.12.2015	C09D 123/00	(21) EP16725402.8
(54) POLYMERIC MATERIALS WITH	C09D 123/28	(47) 23.01.2019
NEGATIVE PHOTOELASTIC	C09D 151/06	(87) EP2016060620
CONSTANTS	C09J 11/06	24.11.2016
(73) Dow Global Technologies LLC	C09J 123/00	(22) 12.05.2016
Rohm and Haas Electronic Materials LLC	C09J 123/28	(54) ABS MOLDING COMPOUND HAVING
(72) CHANG, Shih-Wei	C09J 151/06	A GOOD PROPERTY COMBINATION
O'CONNELL, Kathleen M.	(11) EP2845875	OF PROCESSABILITY AND SURFACE
WOELFLE-GUPTA, Caroline	(21) EP13785253.9	QUALITY
ZHOU, Weijun	(47) 23.01.2019	(73) INEOS Styrolution Group GmbH
(31) 201462093573 P	(87) JP2013062266	(72) MICHELIS, Gisbert
(32) 18.12.2014	07.11.2013	(31) 15167936
(33) United States of America	(22) 25.04.2013	(32) 18.05.2015
(51) C08K 7/14	(54) COATING AGENT, DECORATIVE FILM	(33) European Patent Office (EPO)
C08L 77/00	AND MOLDED BODY	(51) C08L 31/04
B65D 1/00	(73) Mitsui Chemicals, Inc.	C08L 53/02
(11) EP2089466	(72) HIROTA, Yoshihito	C08L 95/00
(21) EP07862596.9	ITO, Yuichi	(11) EP3294808
(47) 30.01.2019	(31) 2012104733	(21) EP16726449.8
(87) US2007025004	(32) 01.05.2012	(47) 30.01.2019
12.06.2008	(33) Japan	(87) US2016031770
(22) 05.12.2007	(51) C08L 23/06	17.11.2016
(54) POLYAMIDE HOUSINGS FOR	C08L 23/08	(22) 11.05.2016
PORTABLE ELECTRONIC DEVICES	C09J 123/08	(54) ASPHALT COMPRISING A DISPERSION
(73) E. I. du Pont de Nemours and Company	C09D 123/08	POWDER BASED UPON ETHYLENE-
(72) TOPOULOS, Georgios	(11) EP2358808	VINYL ACETATE COPOLYMER
(31) 873227 P	(21) EP09802169.4	HAVING A VINYL ACETATE CONTENT
(32) 05.12.2006	(47) 23.01.2019	MORE THAN 50 WT-%.
(33) United States of America	(87) FR2009052517	(73) Wacker Chemical Corporation
(51) C08K 9/08	17.06.2010	(72) MURTHY, Ranjini
C09C 3/10	(22) 14.12.2009	PERALTA, Elvira Joana Ferreira
G02B 6/00	(54) USE OF A POLYETHYLENE COMPOSITE	PIMENTEL, Corrin
(11) EP2562211	FILM IN A SOLAR CELL ELEMENT	(31) 201514709847
(21) EP12181081.6	(73) Arkema France	(32) 12.05.2015
(47) 30.01.2019	(72) CORFIAS ZUCCALLI, Catherine	(33) United States of America
(22) 20.08.2012	CARTIER, Laurent B	(51) C08L 53/00
(54) Method of preparing high refractive index	DEVISME, Samuel	C08F 297/08
nanoparticles, nanoparticles prepared by the	BIZET, Séphane	C08L 23/14
method, and photonic crystal device using the	(31) 122141 P	C08L 23/16
nanoparticles	0950736	(11) EP3237539
(73) Samsung Electronics Co., Ltd.	(32) 12.12.2008	(21) EP15820719.1
(72) Han, Moon-gyu	06.02.2009	(47) 30.01.2019
Shim, Hong-shik	(33) United States of America	(87) US2015065232
Shin, Chang-gyun	France	30.06.2016
Jeon, Seog-jin	(51) C08L 23/12	(22) 11.12.2015
(31) 20110084818	C08F 2/00	(54) THERMOPLASTIC VULCANIZATE
(32) 24.08.2011	C08L 23/14	INCLUDING A BLOCK COMPOSITE
(33) Korea (Republic)	C08L 23/16	(73) Dow Global Technologies LLC
(51) C08L 9/02	C08L 23/08	(72) WU, Xiaosong
C08K 3/22	C08K 3/34	LI PI SHAN, Colin
C08L 15/00	(11) EP3083819	WALTON, Kim L.
G01D 5/245	(21) EP14809851.0	MARCHAND, Gary R.
(11) EP2960290	(47) 30.01.2019	(31) 201462096013 P
(21) EP14754893.7	(87) EP2014077205	(32) 23.12.2014
(47) 30.01.2019	25.06.2015	(33) United States of America
(87) JP2014052620	(22) 10.12.2014	(51) C08L 59/02
28.08.2014	(54) POLYOLEFIN COMPOSITION	C08K 3/08

C08K 3/30	C08F 291/02	(31) 2014212893
C08K 5/13	C08L 25/12	(32) 17.10.2014
C08L 59/04	C08L 51/04	(33) Japan
C08K 5/00	C08L 55/02	(51) C08L 95/00
C08L 23/02	C08F 212/10	C08K 3/06
C08L 23/08	C08F 265/04	(11) EP1809705
C08L 51/06	(11) EP3156452	(21) EP05801236.0
C08L 83/04	(21) EP15806765.2	(47) 23.01.2019
(11) EP3190153	(47) 23.01.2019	(87) US2005035146
(21) EP15837908.1	(87) JP2015064272	04.05.2006
(47) 30.01.2019	17.12.2015	(22) 28.09.2005
(87) KR2015009126	(22) 19.05.2015	(54) USE OF INORGANIC ACIDS WITH
10.03.2016	(54) THERMOPLASTIC RESIN	CROSSLINKING AGENTS IN POLYMER
(22) 31.08.2015	COMPOSITION AND MOLDED	MODIFIED ASPHALTS
(54) ACETAL RESIN COMPOSITION	PRODUCT THEREOF	(73) TOTAL MARKETING SERVICES
(73) Korea Engineering Plastics Co., Ltd.	(73) Techno-UMG Co., Ltd.	(72) BURAS, Paul, J.
(72) PARK, Seung Chin	(72) MATSUYAMA, Hironori	LEE, William, D.
BYUN, Gyung Seob	(31) 2014122591	(31) 972022
LEE, Ji Young	(32) 13.06.2014	(32) 22.10.2004
(31) 20140118968	(33) Japan	(33) United States of America
(32) 05.09.2014	(51) C08L 75/04	(51) C08L 95/00
(33) Korea (Republic)	C08J 3/20	C08K 5/521
(51) C08L 67/00	C08J 9/00	C09D 195/00
C08B 15/04	C08K 3/02	E01C 7/22
C08B 15/06	C08K 3/04	E01C 19/10
C08L 1/08	C09K 21/14	E04B 1/66
C08L 67/04	(11) EP2922921	E01C 7/18
C08L 101/16	(21) EP13856686.4	E01C 7/26
C08L 1/02	(47) 30.01.2019	(11) EP2139951
C08J 5/04	(87) CA2013000980	(21) EP08805718.7
(11) EP2799491	30.05.2014	(47) 23.01.2019
(21) EP12861739.6	(22) 26.11.2013	(87) FR2008050764
(47) 23.01.2019	(54) ISOCYANATE-BASED POLYMER	11.12.2008
(87) JP2012083122	FOAM HAVING IMPROVED FLAME	(22) 28.04.2008
04.07.2013	RETARDANT PROPERTIES	(54) METHOD FOR PREPARING COATED
(22) 20.12.2012	(73) Propriect L.P.	MATERIALS BASED ON BITUMINOUS
(54) POLYESTER RESIN COMPOSITION	(72) SCHMIDT, Herbert	PRODUCTS AND USES THEREOF
(73) Kao Corporation	NG, George	(73) ARKEMA FRANCE
(72) MORI, Masahiro	TANG, Le	(72) BARRETO, Gilles
KONISHI, Motoi	PEPIC, Petar	GRAMPRE, Lionel
KIMURA, Akiyoshi	ULMAN, Dorota	(31) 0754724
FUJIOKA, Masahiro	(31) 201261796956 P	(32) 26.04.2007
MUKAI, Kenta	(32) 26.11.2012	(33) France
KUMAMOTO, Yoshiaki	(33) United States of America	(51) C09D 4/02
(31) 2011289170	(51) C08L 79/08	C08J 7/04
2012152644	B32B 27/34	(11) EP2843008
(32) 28.12.2011	C08G 73/10	(21) EP13798100.7
06.07.2012	C08J 5/18	(47) 23.01.2019
(33) Japan	C08J 7/04	(87) KR2013004798
Japan	C08K 3/36	05.12.2013
(51) C08L 67/02	B32B 15/08	(22) 31.05.2013
C08K 5/103	B32B 17/06	(54) HARD COATING FILM
(11) EP2653498	B32B 27/20	(73) LG Chem, Ltd.
(21) EP11849490.5	B32B 27/28	(72) KANG, Joon-Koo
(47) 30.01.2019	(11) EP3208313	CHANG, Yeong-Rae
(87) JP2011077337	(21) EP15850775.6	SHIM, Jae-Hoon
21.06.2012	(47) 30.01.2019	HONG, Sung-Don
(22) 28.11.2011	(87) JP2015079227	LEE, Seung-Jung
(54) POLYBUTYLENE TEREPHTHALATE	21.04.2016	(31) 20120058636
RESIN COMPOSITION AND PELLET	(22) 15.10.2015	20120058634
THEREOF	(54) POLYIMIDE RESIN COMPOSITION,	20120058637
(73) Wintech Polymer Ltd.	POLYIMIDE FILM AND LAMINATE	20120058635
(72) DOI, Kumiko	(73) Mitsubishi Gas Chemical Company, Inc.	20120093689
(31) 2010276648	(72) MATSUMARU, Teruhisa	20130062095
(32) 13.12.2010	SATO, Yuuki	(32) 31.05.2012
(33) Japan	SUENAGA, Shuya	31.05.2012
(51) C08L 69/00	DAITO, Masayuki	31.05.2012
C08F 265/06	MUKASA, Kazuaki	31.05.2012

27.08.2012	(47) 30.01.2019	(72) YOSHIDA, Hiroyuki
30.05.2013	(87) US2015046864	ODA, Tsuyoshi
(33) Korea (Republic)	10.03.2016	SATO, Takahiro
Korea (Republic)	(22) 26.08.2015	SHIMIZU, Yusuke
Korea (Republic)	(54) A METHOD FOR TREATING SURFACES	KAMEI, Koji
Korea (Republic)	ON MARINE OBJECTS WITH ANTI-	IWASAKI, Toshiya
Korea (Republic)	FOULING PAINT	(31) 2008324565
Korea (Republic)	(73) Ekmarine Paint Inc.	2009141075
(51) C09D 5/00	(72) HAEFFNER, Mikael	(32) 19.12.2008
C09D 175/00	EKSTRAND, Henrik	12.06.2009
(11) EP3239250	(31) 201462046228 P	(33) Japan
(21) EP16167655.6	(32) 05.09.2014	Japan
(47) 23.01.2019	(33) United States of America	
(22) 29.04.2016	(51) C09D 5/24	(51) C09D 11/101
(54) SELF-HEALING COMPOSITION, PARTICULARLY SUITABLE FOR USE AS SEALING AND COATING COMPOSITION	B82Y 30/00	(11) EP2412768
	C09D 11/52	(21) EP11174445.4
	H01B 1/02	(47) 23.01.2019
	(11) EP3180402	(22) 19.07.2011
(73) STO SE & Co. KGaA	(21) EP15750411.9	(54) Inkjet ink composition, inkjet recording method, and printed material
(72) Fuchs, Berthold	(47) 30.01.2019	(73) Fujifilm Corporation
Baindl, Andreas	(87) EP2015068470	(72) Hayata, Yuuichi
(51) C09D 5/08	18.02.2016	(31) 2010168535
C09D 179/04	(22) 11.08.2015	2010170348
C09D 139/04	(54) COMPOSITION COMPRISING	2010272818
C23F 11/173	SILVER NANOWIRES AND FIBERS	2011146967
C23C 28/00	OF CRYSTALLINE CELLULOSE	(32) 27.07.2010
(11) EP2432837	FOR THE PREPARATION OF	29.07.2010
(21) EP10778196.5	ELECTROCONDUCTIVE TRANSPARENT	07.12.2010
(47) 23.01.2019	LAYERS	01.07.2011
(87) US2010035087	(73) BASF SE	(33) Japan
25.11.2010	(72) DIETSCH, Herve	Japan
(22) 17.05.2010	STURM, Thomas	Japan
(54) RELEASE ON DEMAND CORROSION INHIBITOR COMPOSITION	SEYFRIED, Danny	Japan
(73) Henkel AG & Co. KGaA	(31) 14181193	(51) C09D 11/101
(72) MCGEE, John, D., SMITH II, Thomas, S., BAMMEL, Brian, D., BRYDEN, Todd, R.,	(32) 15.08.2014	C09D 11/34
(31) 467537	(33) European Patent Office (EPO)	C09D 11/38
(32) 18.05.2009	(51) C09D 7/00	C09D 11/40
(33) United States of America	(11) EP3239251	(11) EP3225666
(51) C09D 5/14	(21) EP16167819.8	(21) EP17162830.8
C09D 7/61	(47) 23.01.2019	(47) 30.01.2019
C09D 7/40	(22) 29.04.2016	(22) 24.03.2017
C08K 3/22	(54) KIT OF PARTS TINTING SYSTEM, USE OF THIS TINTING SYSTEM FOR THE PRODUCTION OF TINTED COATING AND PLASTER SYSTEMS, TINTED COAT AND PLASTER SYSTEM, COATS AND PLASTERS OBTAINED USING THIS COATING OR PLASTER SYSTEM, TINTING DEVICE AND A METHOD FOR TINTING A HUE COMPOSITION	(54) RADIATION-CURABLE INKJET INK COMPOSITION
C09D 5/16	(73) DAW SE	(73) OCE Holding B.V.
(11) EP3067394	(72) Lohmann, Alfred	(72) VAN HOUT, Richard F.E.
(21) EP14858569.8	Platschek, Volker	KETELAARS, Björn H.A.J.M.
(47) 30.01.2019	Weber, Enno	VAN HAMEREN, Richard
(87) KR2014010531	(51) C09D 11/00	VENDERBOSCH, Bas
07.05.2015	B41J 2/01	(31) 16162733
(22) 04.11.2014	B41M 5/00	(32) 30.03.2016
(54) NONPOISONOUS PAINT COMPOSITION CONTAINING ORGANIC AND INORGANIC OXIDATION NANOSTRUCTURES AND METHOD FOR PREPARING SAME	C08J 3/03	(33) European Patent Office (EPO)
	C09D 17/00	(51) C09D 11/38
(73) Jeju National University Industry-Academic Cooperation Foundation	(11) EP2360215	C09D 11/322
(72) KIM, Sang-Jae	(21) EP09833480.8	B41J 2/01
KARTHIKEYAN, K.	(47) 30.01.2019	B41M 5/00
(31) 20130133070	(87) JP2009071047	(11) EP2657305
(32) 04.11.2013	24.06.2010	(21) EP11851708.5
(33) Korea (Republic)	(22) 17.12.2009	(47) 23.01.2019
(51) C09D 5/16	(54) WATER-BASED INK FOR INKJET PRINTING	(87) JP2011079890
(11) EP3194510	(73) Kao Corporation	28.06.2012
(21) EP15837527.9		(22) 22.12.2011
		(54) WATER-BASED INK FOR INKJET RECORDING, METHOD OF PRODUCING SAID WATER-BASED INK
		(73) DIC Corporation
		(72) SHIMAMURA Yoshinosuke
		BUEI Hiroyuki
		KAWAHARADA Yukihiko

OKADA Shinichi MISAWA Soetrisno TAGAYA Tomoko (31) 2010287713 2010287714	(54) AQUEOUS COATING MATERIAL (73) DAW SE (72) Befurt, Uwe Becker, Daniel Brenner, Thomas	(51) C09D 183/06 C08F 22/10 C08G 59/00 G02B 1/04 (11) EP3292176
(32) 24.12.2010 24.12.2010	(51) C09D 161/00 C08K 3/24 C08L 61/20 C08L 79/00	(21) EP15778701.1 (47) 30.01.2019 (87) IB2015001124 10.11.2016
(33) Japan Japan	C09D 5/22 C09D 7/65 C09K 11/06 H01B 1/06 H01L 51/50 H05B 33/10 C09D 127/12	(22) 05.05.2015 (54) UV CURABLE COATING COMPOSITIONS FOR ORGANIC OPHTHALMIC LENSES (73) Essilor International (72) VALERI, Robert
(51) C09D 11/50 C09D 11/037 (11) EP2898029 (21) EP12799566.0 (47) 23.01.2019 (87) EP2012075201 04.07.2013	(11) EP3124563 (21) EP15767949.9 (47) 23.01.2019 (87) JP2015058849 01.10.2015 (22) 24.03.2015 (54) CHARGE-TRANSPORTING VARNISH (73) Nissan Chemical Corporation (72) OTANI Naoki OTA Hirofumi	(51) C09D 189/00 B01J 13/04 B01J 13/00 (11) EP1828331 (21) EP05815977.3 (47) 30.01.2019 (87) CA2005001853 29.06.2006 (22) 06.12.2005 (54) NATURAL WATER-INSOLUBLE ENCAPSULATION COMPOSITIONS AND PROCESSES FOR PREPARING SAME (73) Colarôme Inc. (72) HUYNH, Kim Uyên CORMIER, François
(22) 12.12.2012 (54) LAMINATED COLOR FORMING COMPOSITION (73) Tetra Laval Holdings & Finance SA (72) HURDALEK, Ladislav REHBERGER, Marcus JARVIS, Anthony WYRES, Chris	(31) 2014065278 2014141988 (32) 27.03.2014 10.07.2014 (33) Japan Japan	(31) 637730 P (32) 22.12.2004 (33) United States of America
(31) 1151298 (32) 30.12.2011 (33) Sweden	(51) C09D 103/02 C08L 3/02 D21H 19/54 D21H 21/52 (11) EP2509445 (21) EP10836442.3 (47) 23.01.2019 (87) US2010058690 16.06.2011 (22) 02.12.2010 (54) PROCESS FOR PREPARING STABLE STARCH DISPERSIONS (73) Dow Global Technologies LLC (72) WELSCH, Gregory, W. READ, Michael, D. ROPER, John, A., III NINNESS, Brian, J. WILSON, Evelyn, L.	(51) C09G 1/00 C09G 1/02 (11) EP3237561 (21) EP15808390.7 (47) 23.01.2019 (87) EP2015079349 30.06.2016 (22) 11.12.2015 (54) USE OF A CHEMICAL MECHANICAL POLISHING (CMP) COMPOSITION FOR POLISHING OF COBALT AND / OR COBALT ALLOY COMPRISING SUBSTRATES (73) BASF SE (72) REICHARDT, Robert SIEBERT, Max LAN, Yongqing LAUTER, Michael USMAN IBRAHIM, Sheik Ansar GOLZARIAN, Reza GUEVENC, Haci Osman PROELSS, Julian LEUNISSEN, Leonardus
(31) 285404 P (32) 10.12.2009 (33) United States of America	(31) 2014041980 (32) 04.03.2014 (33) Japan	(31) 201462095085 P (32) 22.12.2014 (33) United States of America
(51) C09D 109/00 (11) EP3334791 (21) EP16797529.1 (47) 30.01.2019 (87) EP2016077759 26.05.2017 (22) 15.11.2016 (54) ANTI-CORROSION COMPOSITION COMPRISING POLYISOBUTYLENES (73) DENSO-Holding GmbH & Co. (72) KAISER, Thomas, Markus GRYSHCHUK, Oleg	(51) C09D 173/00 C08L 73/00 C09D 123/08 C09J 173/00 (11) EP2938685 (21) EP13817830.6 (47) 30.01.2019 (87) US2013076423 03.07.2014 (22) 19.12.2013 (54) ETHYLENE-BASED POLYMERS AND PROCESSES TO MAKE THE SAME (73) Dow Global Technologies LLC (72) KARJALA, Teresa P. COOPER, James L. ORTEGA, Jose KARDOS, Lori L.	(51) C09J 4/06 B65D 5/02 B65D 5/18 B65D 75/58 (11) EP3048147 (21) EP16154914.2 (47) 30.01.2019 (22) 25.02.2011
(31) 102015119789 (32) 16.11.2015 (33) Germany	(31) 201261746723 P (32) 28.12.2012 (33) United States of America	
(51) C09D 125/00 (11) EP3275952 (21) EP16180947.0 (47) 30.01.2019 (22) 25.07.2016		

(54) A POLYMERIC BASE HAVING AN ADHERED LOW-TACK ADHESIVE THEREON	C08G 18/48 C08G 18/71 C08G 18/75	(32) 03.11.2009 (33) Germany
(73) Intercontinental Great Brands LLC	C08G 65/336	(51) C09J 133/04 C09J 7/38
(72) Kinigakis, Panagiotis Halka, John Pokusa, Kenneth C. Zerfas, Paul Anthony	(11) EP2870214 (21) EP13734110.3 (47) 23.01.2019 (87) EP2013064284 09.01.2014	(11) EP2810998 (21) EP12867143.5 (47) 23.01.2019 (87) JP2012081559 08.08.2013
(31) 308540 P 317592 P 407406 P 407409 P	(22) 05.07.2013 (54) USE OF AN ADHESIVE COMPOSITION TO PROVIDE A BONDING IN A WET ENVIRONMENT	(22) 05.12.2012 (54) SURFACE PROTECTION FILM (73) Nitto Denko Corporation (72) MATSUMOTO,Chie OKADA,Mika NISHIMURA,Izumi
(32) 26.02.2010 25.03.2010 27.10.2010 27.10.2010	(73) BOSTIK SA (72) GOUBARD, David (31) 12305816 (32) 06.07.2012 (33) European Patent Office (EPO)	(31) 2012021082 (32) 02.02.2012 (33) Japan
(33) United States of America United States of America United States of America United States of America	(51) C09J 11/06 C09J 4/00 G02B 5/30	(51) C09J 167/02 (11) EP3265532 (21) EP16706629.9 (47) 23.01.2019 (87) EP2016054096 09.09.2016 (22) 26.02.2016 (54) ADHESIVES WITH LOW VOC AND FOGGING VALUES
(51) C09J 7/22 C09J 7/24 C09J 7/38 C08K 5/00 C08K 5/098 H01B 3/44	(11) EP2840124 (21) EP14753189.1 (47) 30.01.2019 (87) KR2014005230 24.12.2014 (22) 13.06.2014	(47) 23.01.2019 (87) EP2016054096 09.09.2016 (22) 26.02.2016 (54) ADHESIVES WITH LOW VOC AND FOGGING VALUES
(11) EP3075805 (21) EP16160550.6 (47) 30.01.2019 (22) 16.03.2016	(54) RADICAL-CURABLE ADHESIVE COMPOSITION AND POLARIZING PLATE COMPRISING SAME	(73) Evonik Degussa GmbH (72) CRON, Christina BRENNER, Gabriele SCHLEIMMER, Bernhard
(54) PRESSURE-SENSITIVE ADHESIVE TAPE	(73) LG Chem, Ltd. (72) PARK, Kwang-Seung LEE, Mi-Rin SEO, Eun-Mi HUH, Eun-Soo CHO, Yong-Il	(31) 15157141 (32) 02.03.2015 (33) European Patent Office (EPO)
(73) NITTO DENKO CORPORATION (72) HARADA, Tomohito CHEN, Bojun	(72) PARK, Kwang-Seung LEE, Mi-Rin SEO, Eun-Mi HUH, Eun-Soo CHO, Yong-Il	(31) 15157141 (32) 02.03.2015 (33) European Patent Office (EPO)
(31) 2015075201 2015133295 2015257441	(31) 20130069630 20140067602	(51) C09J 175/06 C08G 18/42 C08G 18/32 C08G 18/73 C08G 18/75 C08G 18/66 C08G 18/12 C09J 7/38
(32) 01.04.2015 02.07.2015 28.12.2015	(32) 18.06.2013 03.06.2014	(11) EP3155034 (21) EP15728512.3 (47) 30.01.2019 (87) EP2015063031 17.12.2015 (22) 11.06.2015
(33) Japan Japan Japan	(33) Korea (Republic) Korea (Republic)	(54) ADHESIVE TAPE BASED ON POLYESTER POLYURETHANE (73) tesa SE (72) von Wedel-Parlow, Tobias SCHÜMANN, Uwe SPIES, Manfred STREBL- PFARR, Maike
(51) C09J 7/38 C09J 7/22 C09J 175/08 C08G 18/10 C08G 18/48 C08G 18/75 C08G 18/28 C08L 9/00	(51) C09J 103/06 C09J 103/14 (11) EP3275960 (21) EP16305966.0 (47) 23.01.2019 (22) 26.07.2016 (54) STARCH BASED ADHESIVE COMPOSITION FOR BONDING PLIES OF MULTI-PLY SHEETS OF TISSUE PAPER	(11) EP3155034 (21) EP15728512.3 (47) 30.01.2019 (87) EP2015063031 17.12.2015 (22) 11.06.2015 (54) ADHESIVE TAPE BASED ON POLYESTER POLYURETHANE (73) tesa SE (72) von Wedel-Parlow, Tobias SCHÜMANN, Uwe SPIES, Manfred STREBL- PFARR, Maike
(11) EP2889348 (21) EP14200280.7 (47) 30.01.2019 (22) 24.12.2014	(73) BOSTIK SA (72) MÜLLER-SELLAK, Saida BÜTEROWE, Frank	(31) 102014211186 (32) 11.06.2014 (33) Germany
(54) Self-adhesive article with foam support	(51) C09J 123/02 C09J 123/08 C09J 151/00	(31) 102014211186 (32) 11.06.2014 (33) Germany
(73) BOSTIK SA (72) Goubard, David Laferte, Olivier Trodec, Herveline	(11) EP2316900 (21) EP10188260.3 (47) 23.01.2019 (22) 20.10.2010 (54) Use of a mixture of crosslinkable polyolefin and adhesive bonding resin as pressure sensitive adhesive	(51) C09J 201/00 C09J 11/04 C09J 133/02 G02B 5/22 (11) EP2749622 (21) EP12831131.3 (47) 23.01.2019 (87) JP2012073093 21.03.2013 (22) 10.09.2012
(31) 1363674 (32) 30.12.2013 (33) France	(73) tesa SE (72) Müssig, Bernhard Metzler, Kerstin	(51) C09J 201/00 C09J 11/04 C09J 133/02 G02B 5/22 (11) EP2749622 (21) EP12831131.3 (47) 23.01.2019 (87) JP2012073093 21.03.2013 (22) 10.09.2012
(51) C09J 7/38 C09J 171/02 C09J 175/04 C09J 201/10 C08G 18/10	(31) 102009046362	(22) 10.09.2012

- (54) HEAT RAY SHIELDING ADHESIVE COMPOSITION, HEAT RAY SHIELDING TRANSPARENT ADHESIVE SHEET, AND METHOD FOR PRODUCING SAME
- (73) Nippon Kayaku Kabushiki Kaisha
(72) TAKAHASHI, Chihiro
SAKAI, Hideomi
HARA, Yukihiro
ARIFUKU, Michiharu
- (31) 2011203869
(32) 17.09.2011
(33) Japan
-
- (51) C09J 201/02
C09J 11/08
C09J 123/00
C09J 167/00
- (11) EP3004276
(21) EP14804523.0
(47) 30.01.2019
(87) JP2014064896
04.12.2014
(22) 29.05.2014
- (54) HOT MELT ADHESIVE
- (73) Henkel AG & Co. KGaA
(72) TAKENAKA, Makoto
TAKAMORI, Ai
HAYAKAWA, Tadashi
- (31) 2013114704
(32) 30.05.2013
(33) Japan
-
- (51) C09K 3/10
F16J 15/20
H01M 8/10
H01M 4/92
H01M 8/124
H01M 4/86
B32B 27/00
H01M 8/1004
F16J 15/08
F16J 15/06
- (11) EP2630213
(21) EP11834847.3
(47) 23.01.2019
(87) US2011054743
26.04.2012
(22) 04.10.2011
- (54) EXTREME TEMPERATURE GASKET AND METHOD OF MAKING THE SAME
- (73) Garlock Sealing Technologies LLC
(72) DAMDAR, Sherwin
NICHOLS, Paul Jude
DRAGO, James
DIBBLE, Richard Lynn
- (31) 405038 P
(32) 20.10.2010
(33) United States of America
-
- (51) C09K 5/06
C04B 33/04
C04B 35/20
- (11) EP2551325
(21) EP11759541.3
(47) 23.01.2019
(87) JP2011057248
29.09.2011
(22) 24.03.2011
- (54) CHEMICAL HEAT STORAGE MATERIAL STRUCTURE, PRODUCTION METHOD
- THEREFOR, AND CHEMICAL HEAT ACCUMULATOR
- (73) Kabushiki Kaisha Toyota Chuo Kenkyusho
Omi Mining Co. Ltd
- (72) HARA, Masashi
MOCHIZUKI, Miyo
SHIMAZU, Takashi
SOBUKAWA, Hideo
FUKUSHIMA, Yoshiaki
WAKASUGI, Tomohisa
YANO, Kazuhisa
ITAHARA, Hiroyuki
SAWADA, Tsutomu
FUJIMURA, Takatsune
- (31) 2010069986
(32) 25.03.2010
(33) Japan
-
- (51) C09K 8/06
C09K 8/32
C09K 8/528
- (11) EP1419210
(21) EP02783971.1
(47) 23.01.2019
(87) US2002025400
06.03.2003
(22) 09.08.2002
- (54) ALKALI METAL TUNGSTATE COMPOSITIONS AND USES THEREOF
- (73) Cabot Specialty Fluids Inc.
(72) BENTON, William, J.
MAGRI, Neal, F.
- (31) 311729 P
(32) 10.08.2001
(33) United States of America
-
- (51) C09K 11/06
G01N 31/22
G01N 33/84
A61K 49/00
- (11) EP3274420
(21) EP16708969.7
(47) 30.01.2019
(87) EP2016054605
29.09.2016
(22) 04.03.2016
- (54) CAPSULE SUITABLE FOR NON-INVASIVE SIMULTANEOUS OXYGEN CONTENT AND TEMPERATURE SENSING IN A LIVING OBJECT
- (73) Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
(72) LANDFESTER, Katharina
AVLASEVICH, Yury
BUSKO, Dmitry
WURM, Frederik
BALOUCHEV, Stanislav
- (31) 15160620
(32) 24.03.2015
(33) European Patent Office (EPO)
-
- (51) C09K 11/06
H01L 51/50
- (11) EP3246373
(21) EP17176049.9
(47) 30.01.2019
(22) 17.09.2015
- (54) ORGANIC MOLECULES FOR USE AS EMITTERS
- (73) cynora GmbH
(72) DANZ, Michael
- (31) 14185118
14193686
(32) 17.09.2014
18.11.2014
(33) European Patent Office (EPO)
European Patent Office (EPO)
-
- (51) C09K 11/77
C09K 11/88
G06K 7/10
- (11) EP2464710
(21) EP10760796.2
(47) 23.01.2019
(87) PL2010050047
17.02.2011
(22) 11.08.2010
- (54) MARKERS FOR PROTECTION VALUABLE LIQUID AND SOLID MATERIALS
- (73) UNIVECT Sp. z o.o.
(72) STREK, Wieslaw
NYK, Marcin
BEDNARKIEWICZ, Artur
- (31) 38878009
(32) 11.08.2009
(33) Poland
-
- (51) C09K 11/77
H01L 33/50
H01S 5/00
- (11) EP2546897
(21) EP11753033.7
(47) 23.01.2019
(87) JP2011001338
15.09.2011
(22) 07.03.2011
- (54) WHITE LIGHTING DEVICE
- (73) Kabushiki Kaisha Toshiba
Toshiba Materials Co., Ltd.
(72) NAKAGAWA, Katsutoshi
ITO, Yumi
YAMAKAWA, Masahiko
- (31) 2010055888
(32) 12.03.2010
(33) Japan
-
- (51) C09K 19/20
C09K 19/30
C09K 19/14
C09K 19/32
C09K 19/10
C09K 19/44
C09K 19/54
C09K 19/04
C09K 19/12
C09K 19/16
C09K 19/06
C09K 19/34
- (11) EP2607451
(21) EP12008275.5
(47) 23.01.2019
(22) 11.12.2012
- (54) Liquid crystalline medium
- (73) Merck Patent GmbH
(72) Klasen-Memmer, Melanie
Reuter, Marcus
Fortte, Rocco
Pauluth, Detlef
Bremer, Matthias
Haensel, Helmut
Hirschmann, Harald

(31) 102011121665	(31) 16183932	04.10.2012
(32) 20.12.2011	(32) 12.08.2016	(22) 23.03.2012
(33) Germany	(33) European Patent Office (EPO)	(54) METHOD FOR PRODUCING MONOCYCLIC AROMATIC HYDROCARBON
(51) C09K 19/30	(51) C10G 1/02	(73) JX Nippon Oil & Energy Corporation
C09K 19/12	C10G 1/00	(72) YANAGAWA, Shinichiro
C09K 19/20	C10G 31/09	KOBAYASHI, Masahide
C09K 19/34	(11) EP3083888	IDA, Ryoji
C09K 19/38	(21) EP14831091.5	IWASA, Yasuyuki
G02F 1/13	(47) 30.01.2019	(31) 2011067878
C09K 19/44	(87) IB2014067212	(32) 25.03.2011
G02F 1/00	25.06.2015	(33) Japan
(11) EP2824161	(22) 22.12.2014	(51) C10G 45/02
(21) EP12886375.0	(54) PROCESS AND APPARATUS FOR PRODUCING HYDROCARBON	C10G 45/32
(47) 23.01.2019	(73) Steeper Energy ApS	C10G 65/06
(87) JP2012076471	(72) IVERSEN, Steen Brummerstedt	B01D 19/00
17.04.2014	(31) 201300715	C10G 7/02
(22) 12.10.2012	(32) 21.12.2013	B01D 3/40
(54) LIQUID-CRYSTAL COMPOSITION AND LIQUID-CRYSTAL DISPLAY ELEMENT OBTAINED USING SAME	(33) Denmark	C10G 11/18
(73) DIC Corporation	(51) C10G 3/00	C10G 65/02
(72) IWASHITA Yoshinori	C10G 1/00	C10G 45/08
NIWA Masahiro	B01J 3/04	C10L 1/00
(51) C09K 19/30	B01J 19/18	(11) EP3299441
C09K 19/12	C10G 1/06	(21) EP17189530.3
C09K 19/34	F04B 3/00	(47) 30.01.2019
C09K 19/42	F04B 7/04	(22) 06.09.2017
C09K 19/54	(11) EP3339398	(54) METHOD FOR TREATING A GASOLINE BY SEPARATION INTO THREE CUTS
G02F 1/13	(21) EP17205119.5	(73) IFP Energies nouvelles
C09K 19/04	(47) 30.01.2019	(72) GOMEZ, Adrien
C07D 309/06	(22) 04.12.2017	LOPEZ GARCIA, Clémentina
C07C 25/18	(54) HYDROTHERMAL LIQUEFACTION DEVICE	LEFLAIVE, Philibert
C07C 43/215	(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives	PUCCI, Annick
C07C 43/205	(72) ROUBAUD, Anne	GODARD-PITHON, Marie
G02F 1/1362	ROUSSELY, Julien	(31) 1659016
(11) EP3070147	(31) 1663124	(32) 26.09.2016
(21) EP14861207.0	(32) 22.12.2016	(33) France
(47) 30.01.2019	(33) France	(51) C10G 49/24
(87) JP2014076527	(51) C10G 9/36	C10G 3/00
21.05.2015	C10G 69/06	(11) EP1660616
(22) 03.10.2014	C10G 65/10	(21) EP04777227.2
(54) LIQUID CRYSTAL COMPOSITION AND LIQUID CRYSTAL DISPLAY ELEMENT	C10G 69/00	(47) 23.01.2019
(73) JNC Corporation	(11) EP3110908	(87) US2004020771
JNC Petrochemical Corporation	(21) EP14824007.0	03.03.2005
(72) FURUSATO Yoshimasa	(47) 30.01.2019	(22) 28.06.2004
SAITO Masayuki	(87) EP2014079242	(54) METHOD OF SHUTTING DOWN A REACTION SYSTEM
(31) 2013235285	03.09.2015	(73) ExxonMobil Chemical Patents Inc.
(32) 13.11.2013	(22) 23.12.2014	(72) BEECH, James, H.
(33) Japan	(54) AN INTEGRATED HYDROCRACKING PROCESS	WALTER, Richard, E.
(51) C09K 19/34	(73) Saudi Basic Industries Corporation	FUNG, Shun, C.
C09K 19/12	SABIC Global Technologies B.V.	LOEZOS, Peter, N.
C09K 19/04	(72) OPRINS, Arno Johannes Maria	JANSSEN, Marcel, J., G.
C09K 19/44	(31) 14156638	VAUGHN, Stephen, N.
C09K 19/32	(32) 25.02.2014	(31) 641447
C09K 19/30	(33) European Patent Office (EPO)	(32) 15.08.2003
C09K 19/58	(51) C10G 11/05	(33) United States of America
(11) EP3284803	C07C 4/00	(51) C10G 55/04
(21) EP17185204.9	C07C 15/04	C10G 67/04
(47) 23.01.2019	C07C 15/06	C10G 69/14
(22) 08.08.2017	C07C 15/067	C10G 67/00
(54) LIQUID-CRYSTAL MEDIUM	C07B 61/00	C10G 69/00
(73) Merck Patent GmbH	C10G 45/64	C10G 69/06
(72) Jeong, Ji-Won	(11) EP2690157	(11) EP3017021
Lee, Eun-Kyu	(21) EP12762798.2	(21) EP14734468.3
Yoon, Hyun-Jin	(47) 23.01.2019	(47) 30.01.2019
Jin, Min-Ok	(87) JP2012057489	(87) EP2014063854
Yun, Yong-Kuk		

08.01.2015	(32) 26.06.2012	C10L 1/19
(22) 30.06.2014	(33) France	C10L 1/196
(54) METHOD OF PRODUCING AROMATICS AND LIGHT OLEFINS FROM A HYDROCARBON FEEDSTOCK	(51) C10J 3/46	C10L 1/2383
(73) Saudi Basic Industries Corporation	C10J 3/66	C10L 1/24
SABIC Global Technologies B.V.	C10J 3/72	C10L 1/14
(72) WARD, Andrew, Mark	C10J 3/48	C10L 1/02
HOUSMANS, Thomas, Hubertus, Maria	(11) EP3230413	C10L 10/14
OPRINS, Arno, Johannes, Maria	(21) EP15805203.5	(11) EP3087163
(31) 13174775	(47) 30.01.2019	(21) EP14827620.7
(32) 02.07.2013	(87) EP2015078876	(47) 30.01.2019
(33) European Patent Office (EPO)	16.06.2016	(87) US2014070503
(51) C10G 65/12	(22) 07.12.2015	02.07.2015
C10G 65/04	(54) REACTOR FOR PRODUCING A PRODUCT GAS FROM A FUEL	(22) 16.12.2014
C10G 45/08	(73) MILENA-OLGA Joint Innovation Assets B.V.	(54) METHODS OF INHIBITING PRECIPITATION OF BIODIESEL FUEL COMPONENTS
C10G 47/12	(72) VREUGDENHIL, Berend Joost	(73) ExxonMobil Research and Engineering Company
C10G 7/06	VAN DER DRIFT, Abraham	(72) POIRIER, Marc-Andre
C10G 67/02	(31) 2013957	LANG, Alexander Stanley
(11) EP3255123	(32) 11.12.2014	(31) 201361920799 P
(21) EP17170033.9	(33) Netherlands	(32) 26.12.2013
(47) 23.01.2019	(51) C10L 1/02	(33) United States of America
(22) 09.05.2017	C07C 67/29	
(54) CONVERSION METHOD COMPRISING AT LEAST ONE FIXED-BED HYDROTREATMENT STEP AND A HYDROCRACKING STEP IN BY-PASSABLE REACTORS	C07C 67/08	(51) C10L 1/18
(73) IFP Energies nouvelles	C11B 3/12	C10L 1/16
(72) WEISS, Wilfried	C11C 3/00	B01J 8/24
CHATRON-MICHAUD, Pascal	B01J 14/00	B01J 19/00
TELLIER, ELODIE	B01J 19/00	C10L 1/04
(31) 1655287	B01J 19/18	C10G 1/00
(32) 09.06.2016	(11) EP2013319	C10G 3/00
(33) France	(21) EP06757588.6	C10G 11/00
(51) C10G 73/38	(47) 23.01.2019	C10G 11/18
C07C 5/22	(87) KR2006001620	G06Q 40/04
(11) EP1390449	08.11.2007	G06Q 50/06
(21) EP02741675.9	(22) 28.04.2006	C10G 45/02
(47) 30.01.2019	(54) METHOD FOR PREPARING FATTY ACID ALKYL ESTER USING FATTY ACID DISTILLATE	C10G 65/04
(87) US2002012672	(73) SK CHEMICALS CO., LTD.	C10G 1/02
07.11.2002	(72) CHUN, Shin-Ho	C10L 1/06
(22) 05.04.2002	CHO, Hyun-Jun	(11) EP2852657
(54) PROCESS FOR ISOMERIZATION DEWAXING OF HYDROCARBON STREAMS	ROH, Hang-Duk	(21) EP12858367.1
(73) ExxonMobil Research and Engineering Company	LIM, Jae-Bong	(47) 23.01.2019
(72) DEGNAN, Thomas, F.	LEE, Jong-In	(87) US2012068876
ANGEVINE, Philip, J.	MOON, Chan-Woo	20.06.2013
(31) 843125	KIM, Byung-Hui	(22) 11.12.2012
(32) 26.04.2001	(51) C10L 1/04	(54) METHODS FOR RENEWABLE FUEL
(33) United States of America	(11) EP3292187	(73) Ensyn Renewables, Inc.
(51) C10J 3/00	(21) EP16722762.8	(72) FREEL, Barry, A.
F23G 5/027	(47) 30.01.2019	GRAHAM, Robert, G.
F23J 15/02	(87) US2016030496	(31) 201161569712 P
B01D 47/02	10.11.2016	201261646152 P
(11) EP2679658	(22) 03.05.2016	201261673683 P
(21) EP13173664.7	(54) REDUCED EMISSIONS AROMATICS-CONTAINING JET FUELS	201213709822
(47) 23.01.2019	(73) Shell Internationale Research Maatschappij B.V.	(32) 12.12.2011
(22) 25.06.2013	(72) BAULDREAY, Joanna Margaret	11.05.2012
(54) Vitrification of inerts and purification of the gas from the pyrogasification of waste	GINESTRA, Cynthia Natalie	19.07.2012
(73) Petrovic, Alexandre	HEMIGHAUS, Gregory	10.12.2012
Jeanvoine, Pierre	DALLY, Brice Nathaniel	(33) United States of America
(72) PETROVIC, Alexandre	BLOMMEL, Paul George	United States of America
JEANVOINE, Pierre	(31) 201562157211 P	United States of America
(31) 1201801	(32) 05.05.2015	United States of America
	(33) United States of America	
	(51) C10L 1/16	(51) C10L 1/19
	C10L 1/182	C10L 1/198
	C10L 1/185	C10L 10/08
		C07C 67/08
		C07C 69/593
		C08G 63/52
		C08G 63/676
		(11) EP1910504

(21) EP06765173.7	C10N 30/10	GOTO, Kunio
(47) 30.01.2019	C10N 40/08	TAKAHASHI, Masaru
(87) GB2006002861	C10N 40/20	FUKUI, Kunihiro
08.02.2007	C10N 40/22	NAGASAKU, Shigeo
(22) 01.08.2006	C10N 40/25	IMAI, Ryuichi
(54) FUEL ADDITIVES FOR LUBRICITY IMPROVEMENT	C10N 40/26	ONISHI, Shigeo
(73) Innospec Limited	C10N 40/30	IKEGAMI, Hiroaki
(72) ROBERTS, Martin	C10N 70/00	(31) 2007052905
BLUNDELL, Christine Ann	(11) EP3114194	(32) 02.03.2007
FINN, Anthony	(21) EP15757661.2	(33) Japan
(31) 0515998	(47) 30.01.2019	(51) C10M 125/26
(32) 03.08.2005	(87) US2015017498	F16C 33/66
(33) United Kingdom	11.09.2015	F16C 19/52
(51) C10L 9/08	(22) 25.02.2015	F16C 33/64
C10L 5/36	(54) BRANCHED DIESTERS FOR USE AS A BASE STOCK AND IN LUBRICANT APPLICATIONS	(11) EP3183323
C10L 5/44	(73) Elevance Renewable Sciences, Inc.	(21) EP15748218.3
B01D 53/00	(72) BREKAN, Jonathan	(47) 30.01.2019
B01D 53/34	QUINN, Jordan	(87) EP2015067914
(11) EP2958978	MANDLA, Kyle	25.02.2016
(21) EP14754174.2	LITTICH, Ryan	(22) 04.08.2015
(47) 30.01.2019	(31) 201461947300 P	(54) ROLLER BEARING AND METHOD FOR PRODUCTION AND REPAIR OF ROLLER BEARINGS
(87) NO2014050024	(32) 03.03.2014	(73) Aktiebolaget SKF
28.08.2014	(33) United States of America	(72) HAAG, Cornelia
(22) 19.02.2014	(51) C10M 105/36	KOEHLER, Yvonne
(54) METHOD AND APPARATUS FOR PREPARING FUEL FROM BIOMASS	C10M 129/72	KORBACHER, Kerstin
(73) Arbaflame Technology AS	C10N 30/06	KUNKEL, Verena
(72) BRUSLETTO, Rune	C10N 40/02	MANTEI, Franziska
PLÜCKHAHN, Wolfgang	C10N 40/04	TOPALOGU, Ilim
(31) 20130279	C10N 40/25	WARMUTH, Marion
(32) 20.02.2013	(11) EP2997117	(31) 102014216691
(33) Norway	(21) EP14721890.3	(32) 22.08.2014
(51) C10L 10/06	(47) 30.01.2019	(33) Germany
F01N 3/02	(87) EP2014059338	(51) C10M 159/12
C10L 1/12	20.11.2014	C10M 105/58
C10L 1/18	(22) 07.05.2014	C10M 105/72
C10M 163/00	(54) USE OF AN ESTER	G11B 5/725
C10M 125/10	(73) BASF SE	C10N 30/06
C10M 129/26	(72) SCHERER, Markus	C10N 30/08
C10M 133/06	GOYAL, Arjun	C10N 40/18
C10M 135/18	ECORMIER, Muriel	(11) EP2940109
C10M 137/08	BREITSCHEIDEL, Boris	(21) EP13869007.8
C10M 137/10	(31) 13167627	(47) 30.01.2019
C10M 141/10	13181269	(87) JP2013085213
(11) EP1362905	(32) 14.05.2013	03.07.2014
(21) EP01957010.0	22.08.2013	(22) 27.12.2013
(47) 23.01.2019	(33) European Patent Office (EPO)	(54) IONIC LIQUID, LUBRICATING AGENT, AND MAGNETIC RECORDING MEDIUM
(87) JP2001007165	European Patent Office (EPO)	(73) Dexerials Corporation
28.02.2002	(51) C10M 111/04	(72) KONDO, Hirofumi
(22) 21.08.2001	C23C 28/00	HATSUDA, Kouki
(54) USE OF AN OIL COMPOSITION FOR DIESEL PARTICULATE FILTER	C23C 28/02	TANO, Nobuo
(73) IDEMITSU KOSAN CO., LTD.	C25D 7/10	ITO, Makiya
(72) KATAFUCHI, Tadashi	E21B 17/04	YUN, Kyungung
(31) 2000250545	F16L 15/08	WATANABE, Masayoshi
2000250546	F16L 15/00	(31) 2012288528
2000250547	F16L 58/18	2013040759
(32) 22.08.2000	C10M 169/04	2013174811
22.08.2000	(11) EP2128506	2013270198
22.08.2000	(21) EP08720987.0	(32) 28.12.2012
(33) Japan	(47) 23.01.2019	01.03.2013
Japan	(87) JP2008053492	26.08.2013
Japan	12.09.2008	26.12.2013
(51) C10M 105/34	(22) 28.02.2008	(33) Japan
C10M 129/70	(54) SCREW JOINT FOR STEEL PIPE	Japan
C10N 30/02	(73) Nippon Steel & Sumitomo Metal Corporation	Japan
C10N 30/08	VALLOUREC OIL AND GAS FRANCE	Japan
	(72) KIMOTO, Masanari	Japan

(51) C10M 169/04 C10N 10/04 C10N 30/04 C10N 40/25	KLOS, Margarethe PELZER, Ralf KRAUSE, Wolfgang	(21) EP08865955.2 (47) 23.01.2019 (87) JP2008073960 09.07.2009
(11) EP2727984 (21) EP13184408.6 (47) 23.01.2019 (22) 13.09.2013 (54) Marine engine lubrication (73) Infineum International Limited (72) Glass, Robert Bishop, Helen Chęcinska, Agata	(31) 14186627 (32) 26.09.2014 (33) European Patent Office (EPO) (51) C11B 13/00 C10G 3/00 (11) EP2940111 (21) EP15168210.1 (47) 30.01.2019 (22) 25.11.2011 (54) PROCESS FOR PRODUCING FUEL COMPONENTS (73) UPM-Kymmene Corporation (72) Laumola, Heli	(22) 26.12.2008 (54) LAUNDRY DETERGENT COMPOSITION (73) Kao Corporation (72) MURATA, Daiya KOTERA, Takanori (31) 2007338871 2007338872 (32) 28.12.2007 28.12.2007 (33) Japan Japan
(31) 12191060 (32) 02.11.2012 (33) European Patent Office (EPO) (51) C10M 169/04 F16L 15/08 F16L 58/18 F16L 15/00 C10M 111/06 C10N 10/04 C10N 30/06 C10N 30/12 C10N 50/10 C10N 80/00	(31) 20106252 20115217 (32) 26.11.2010 03.03.2011 (33) Finland Finland (51) C11C 5/00 C11C 5/02 (11) EP2643445 (21) EP11791395.4 (47) 30.01.2019 (87) US2011061603 31.05.2012 (22) 21.11.2011 (54) LIPID-BASED WAX COMPOSITIONS SUBSTANTIALLY FREE OF FAT BLOOM AND METHODS OF MAKING (73) Cargill, Incorporated (72) MURPHY, Timothy, A. RUSSELL, Stephen, E. (31) 416586 P (32) 23.11.2010 (33) United States of America (51) C11D 1/66 C11D 3/386 (11) EP2516606 (21) EP10787655.9 (47) 23.01.2019 (87) US2010058674 30.06.2011 (22) 02.12.2010 (54) SURFACTANTS THAT IMPROVE THE CLEANING OF LIPID-BASED STAINS TREATED WITH LIPASES (73) Danisco US Inc. (72) ADAMS, Christian COLLIER, Katherine, D. PEPSIN, Michael, Jay SCHMIDT, Brian (31) 288778 P (32) 21.12.2009 (33) United States of America (51) C11D 1/68 C11D 1/14 C11D 1/29 C11D 3/20 C11D 1/83 C11D 1/72 (11) EP2223994	(51) C11D 1/75 C11D 3/00 C11D 3/20 C11D 3/22 C11D 17/00 (11) EP1831340 (21) EP05816982.2 (47) 30.01.2019 (87) EP2005013632 13.07.2006 (22) 17.12.2005 (54) FOAM-IMPROVED CLEANER (73) Henkel AG & Co. KGaA (72) DREJA, Michael ERBE, Marion (31) 102004063765 (32) 29.12.2004 (33) Germany (51) C11D 1/825 C11D 3/39 C11D 17/00 C11D 17/04 C11D 3/00 C11D 3/37 C11D 1/72 (11) EP3181670 (21) EP15200969.2 (47) 30.01.2019 (22) 17.12.2015 (54) AUTOMATIC DISHWASHING DETERGENT COMPOSITION (73) The Procter & Gamble Company (72) SOUTER, Philip Frank BROOKER, Alan Thomas BEWICK, Lindsay Suzanne STRACHAN, Euan Campbell (51) C11D 1/83 C11D 1/722 C11D 1/66 (11) EP2382297 (21) EP08879071.2 (47) 23.01.2019 (87) CN2008073716 01.07.2010 (22) 25.12.2008 (54) SURFACTANT COMPOSITIONS WITH WIDE PH STABILITY (73) Dow Global Technologies LLC (72) MU, Jeff Jianhai WANG, Xiaohua VARINEAU, Pierre T. THOMPSON, Kirk R. (51) C11D 1/83
(11) EP2210931 (21) EP08843819.7 (47) 23.01.2019 (87) JP2008069893 07.05.2009 (22) 31.10.2008 (54) PIPE SCREW JOINT WITH LUBRICATING FILM (73) Nippon Steel & Sumitomo Metal Corporation VALLOUREC OIL AND GAS FRANCE (72) GOTO, Kunio IMAI, Ryuichi FUKUMOTO, Shigeki YAMAMOTO, Yasuhiro	(31) 2007286507 2007339546 2007339547 2008268816 (32) 02.11.2007 28.12.2007 28.12.2007 17.10.2008 (33) Japan Japan Japan Japan	
(51) C11B 9/00 C07D 309/10 (11) EP3197987 (21) EP15767522.4 (47) 23.01.2019 (87) EP2015072083 31.03.2016 (22) 25.09.2015 (54) USE OF ISOMERICALLY PURE OR HIGHLY ISOMERICALLY ENRICHED CIS- OR TRANS- (2-ISOBUTYL-4- METHYL-TETRAHYDROPIRAN-4-YL) ACETATE (73) BASF SE (72) STORK, Timon RÜDENAUER, Stefan		

C11D 1/94	(22) 30.12.2010	(21) EP13805334.3
C11D 3/30	(54) TALL OIL PITCH COMPOSITION,	(47) 23.01.2019
C11D 11/00	METHOD OF PRODUCING THE SAME	(87) EP2013076087
C11D 1/75	AND USES THEREOF	19.06.2014
(11) EP3165593	(73) Forchem Oyj	(22) 10.12.2013
(21) EP16189754.1	(72) SAVIAINEN, Juhani	(54) PREPARATION OF A STABLE
(47) 23.01.2019	SAARENKO, Timo	BEVERAGE
(22) 20.09.2016	(31) 20096410	(73) DSM IP Assets B.V.
(54) LIQUID DETERGENT COMPOSITION	(32) 30.12.2009	(72) MUTSAERS, Johanna Henrica Gerdina
(73) The Procter & Gamble Company	(33) Finland	Maria
(72) Delplancke, Patrick Firmin August	(51) C11D 17/04	EDENS, Luppò
Braeckman, Karl Ghislain	B65D 65/46	HEIJNE, Wilbert Herman Marie
(31) 15192189	(11) EP3334816	(31) 12196433
(32) 29.10.2015	(21) EP16736142.7	(32) 11.12.2012
(33) European Patent Office (EPO)	(47) 23.01.2019	(33) European Patent Office (EPO)
(51) C11D 3/37	(87) EP2016066036	(51) C12M 1/00
C08F 220/06	16.02.2017	C12M 1/34
C08F 2/06	(22) 06.07.2016	(11) EP3045521
C08F 220/20	(54) WATER-SOLUBLE PACKAGE	(21) EP14842701.6
C08F 220/18	(73) Unilever N.V.	(47) 30.01.2019
(11) EP2935372	(72) THOMAS, Matthew, Rhys	(87) JP2014070371
(21) EP13812301.3	VAN DOORN, Daniël, Albert	12.03.2015
(47) 30.01.2019	(31) 15180622	(22) 01.08.2014
(87) US2013072977	(32) 11.08.2015	(54) CELL CULTURING APPARATUS AND
26.06.2014	(33) European Patent Office (EPO)	CELL CULTURING METHOD
(22) 04.12.2013	(51) C12C 5/02	(73) Hitachi, Ltd.
(54) DISPERSANT COPOLYMERS HAVING	C12C 3/12	(72) NANBA Masaru
HIGH COMPATIBILITY WITH	(11) EP3191575	HAGA Ryouichi
SURFACTANTS	(21) EP15762998.1	MURAKAMI Sei
(73) Dow Global Technologies LLC	(47) 23.01.2019	SUZUKI Haruo
Rohm and Haas Company	(87) EP2015070896	(31) 2013186430
(72) CREAMER, Marianne P.	17.03.2016	(32) 09.09.2013
SHULMAN, Jan E.	(22) 11.09.2015	(33) Japan
WASSERMAN, Eric P.	(54) METHOD FOR PRODUCING BEERS	(51) C12M 1/00
(31) 201261739034 P	STORED, OFFERED, SERVED	C12M 3/00
(32) 19.12.2012	OR CONSUMED IN UV-VIS-	C12M 1/36
(33) United States of America	TRANSMITTANT BOTTLES	C12M 1/34
(51) C11D 3/43	(73) Ifast NV	(11) EP3260529
C11D 1/52	(72) MERTENS, Pascal	(21) EP16772220.6
C11D 11/00	(31) 201416169	(47) 30.01.2019
C11D 1/65	15156031	(87) JP2016057908
(11) EP3114199	(32) 12.09.2014	06.10.2016
(21) EP15758864.1	20.02.2015	(22) 14.03.2016
(47) 23.01.2019	(33) United Kingdom	(54) INCUBATOR
(87) US2015015466	European Patent Office (EPO)	(73) PHC Holdings Corporation
11.09.2015	(51) C12G 1/00	(72) SEKINE, Hironobu
(22) 11.02.2015	C12H 1/14	KOBAYASHI, Koichi
(54) ALKYL AMIDES FOR ENHANCED	(11) EP3323876	(31) 2015069862
FOOD SOIL REMOVAL AND ASPHALT	(21) EP17726998.2	(32) 30.03.2015
DISSOLUTION	(47) 23.01.2019	(33) Japan
(73) Ecolab USA Inc.	(87) IB2017052535	(51) C12M 1/32
(72) BLATTNER, Amanda Ruth	14.12.2017	C12M 1/00
HODGE, Charles Allen	(22) 02.05.2017	C12M 1/34
LEVITT, Mark Dennis	(54) WINE PRODUCING PROCESS USING	C12M 1/36
PEITERSEN, Nathan D.	FLOWERS OF CASTANEA SATIVA	(11) EP3239285
(31) 201414201265	(73) Instituto Politécnico De Bragança	(21) EP16167322.3
(32) 07.03.2014	(72) FERREIRA, Isabel	(47) 30.01.2019
(33) United States of America	ALVES HELENO, Sandrina	(22) 27.04.2016
(51) C11D 9/02	MAGALHÃES PINTO PAIVA, Fernando	(54) DEVICE FOR DETERMINING AND
B01D 17/04	BENTO, Albino António	MONITORING THE PHYSIOLOGICAL
B01D 19/02	(31) 2016109448	STATES OF MICROBIAL CULTURES
D21C 3/28	(32) 09.06.2016	IN EACH MICRO-BIOREACTOR OF A
D21C 11/00	(33) Portugal	MICROTITRATION PLATE
(11) EP2521766	(51) C12G 1/022	(73) Rheinisch-Westfälische Technische
(21) EP10840644.8	A23L 2/84	Hochschule (RWTH) Aachen
(47) 30.01.2019	C12C 5/00	(72) Büchs, Prof. Dr. Ing. Jochen
(87) FI2010051099	C12C 11/00	Flitsch, David
07.07.2011	(11) EP2931869	Wandrey, Georg

Kunze, Martin Giese, Dr. Ing. Heiner	DIMENSIONAL CELL AND/OR TISSUE CONSTRUCTS	(87) KR2010001338 23.09.2010
(51) C12M 1/34	(73) Politecnico di Milano	(22) 03.03.2010
(11) EP2173852	Fondazione Cariplo	(54) ISOLATING METHOD FOR UMBILICAL
(21) EP08826105.2	(72) REDAELLI, Alberto	CORD BLOOD-DERIVED PLURIPOTENT
(47) 23.01.2019	RASPONI, Marco	STEM CELLS EXPRESSING ZNF281
(87) US2008069485	OCCHETTA, Paola	(73) SNU R&DB Foundation
15.01.2009	(31) UB20150290	(72) KANG, Kyung Sun
(22) 09.07.2008	(32) 29.04.2015	ROH, Kyoung Hwan
(54) MODULAR SYSTEM FOR DETECTING MICROORGANISMS	(33) Italy	(31) 20090023821
(73) 3M Innovative Properties Company	(51) C12N 1/20	(32) 20.03.2009
(72) BOLEA, Phillip, A.	A01N 31/08	(33) Korea (Republic)
KIRSCHHOFFER, Jon, A.	A01N 63/02	(51) C12N 5/074
(31) 948687 P	A01N 35/04	C12N 5/10
18669 P	A01P 5/00	C12N 5/0789
(32) 09.07.2007	C12R 1/20	C12N 5/02
02.01.2008	C12P 7/26	(11) EP3116991
(33) United States of America	(11) EP2847318	(21) EP15762448.7
United States of America	(21) EP13761233.9	(47) 23.01.2019
(51) C12M 1/34	(47) 23.01.2019	(87) SG2015050035
C12M 3/06	(87) US2013030631	17.09.2015
C12M 1/00	19.09.2013	(22) 11.03.2015
(11) EP3241892	(22) 13.03.2013	(54) METHOD FOR INDUCING
(21) EP17166377.6	(54) PESTICIDAL FLAVOBACTERIUM	PLURIPOTENCY IN A HEMATOPOIETIC
(47) 23.01.2019	STRAIN AND BIOACTIVE	CELL
(22) 12.04.2017	COMPOSITIONS, METABOLITES AND	(73) Agency for Science, Technology and
(54) PROBE ASSEMBLY FOR MONITORING BIOMASS PRODUCTION	USES	Research
(73) Aber Instruments Limited	(73) Marrone Bio Innovations, Inc.	(72) LOH, Yuin Han
(72) Yeomans, Paul	(72) CORDOVA-KREYLOS, Ana Lucia	TAN, Hong Kee
(31) 201607890	ASOLKAR, Ratnakar	(31) 201461951051 P
(32) 05.05.2016	KOIVUNEN, Marja	(32) 11.03.2014
(33) United Kingdom	RODRIGUEZ, Margarita	(33) United States of America
(51) C12M 1/42	XIN, Lijuan	(51) C12N 5/0789
C12Q 1/02	MARRONE, Pamela	(11) EP2547764
G01N 21/64	(31) 201261609937 P	(21) EP11756490.6
(11) EP3095853	201261733730 P	(47) 23.01.2019
(21) EP14878675.9	(32) 13.03.2012	(87) JP2011057503
(47) 30.01.2019	05.12.2012	22.09.2011
(87) JP2014079964	(33) United States of America	(22) 18.03.2011
23.07.2015	United States of America	(54) METHOD FOR INDUCING
(22) 12.11.2014	(51) C12N 5/071	DIFFERENTIATION OF PLURIPOTENT
(54) CELL OBSERVATION DEVICE, ELECTROSTIMULATION DEVICE, AND CELL OBSERVATION METHOD	(11) EP2935567	STEM CELLS INTO MESODERMAL
(73) Hamamatsu Photonics K.K.	(21) EP13826629.1	CELLS
(72) SAITO Natsumi	(47) 30.01.2019	(73) Kyoto University
ITO Taira	(87) IB2013061110	(72) NIWA, Akira
KATAOKA Takuji	26.06.2014	NAKAHATA, Tatsutoshi
(31) 2014005990	(22) 18.12.2013	HEIKE, Toshio
(32) 16.01.2014	(54) DIFFERENTIATED CELL POPULATION	(31) 315170 P
(33) Japan	OF ENDOTHELIAL CELLS DERIVED	(32) 18.03.2010
(51) C12M 3/00	FROM HUMAN PLURIPOTENT STEM	(33) United States of America
C12M 3/06	CELLS, COMPOSITION, SYSTEM, KIT	(51) C12N 5/0797
C12M 1/00	AND USES THEREOF	C12N 5/0793
C12M 1/12	(73) CNC - Centro de Neurociências e Biologia	G01N 33/569
C12M 1/42	Molecular - Universidade de Coimbra	(11) EP3061809
(11) EP3289065	(72) ESMERALDO DE CAMPOS VAZÃO,	(21) EP15157057.9
(21) EP16726176.7	Helena Sofia	(47) 30.01.2019
(47) 23.01.2019	DA SILVA FERREIRA, Lino	(22) 27.02.2015
(87) IB2016052410	MACHADO FERNANDES, Hugo	(54) METHOD FOR GENERATION OF A CELL
03.11.2016	Agostinho	COMPOSITION OF MESENCEPHALIC
(22) 28.04.2016	(31) 10669912	DOPAMINERGIC PROGENITOR CELLS
(54) MICROFLUIDIC DEVICE AND RELATIVE METHOD FOR THE GENERATION AND/OR CULTURE AND/OR MATURATION OF THREE-	(32) 18.12.2012	(73) Miltenyi Biotec GmbH
	(33) Portugal	(72) Bosio, Andreas
	(51) C12N 5/071	Knöbel, Sebastian
	C12N 5/07	Lehnen, Daniela
	C12N 5/02	Barral, Serena
	(11) EP2410046	(51) C12N 7/00
	(21) EP10753642.7	(11) EP3234113
	(47) 23.01.2019	(21) EP15816413.7

- (47) 23.01.2019
(87) EP2015079534
23.06.2016
(22) 14.12.2015
(54) A METHOD FOR A LARGE SCALE VIRUS PURIFICATION
(73) GlaxoSmithKline Biologicals S.A.
The Chemo-Sero-Therapeutic Research Institute
(72) GERKENS, Pascal, Charles, Louis
LERUSE, Jean-Francois, Jose, Alain, Marie, Ghislain
(31) 201462092413 P
(32) 16.12.2014
(33) United States of America
(51) C12N 7/00
A61K 39/00
(11) EP3158060
(21) EP15732188.6
(47) 30.01.2019
(87) EP2015063812
23.12.2015
(22) 19.06.2015
(54) METHOD FOR RAPID GENERATION OF AN INFECTIOUS RNA VIRUS
(73) INSERM (Institut National de la Santé et de la Recherche Médicale)
Université d'Aix-Marseille
(72) AUBRY, Fabien
NOUGAÏRÈDE, Antoine
QUÉRAT, Gilles
DE LAMBALLERIE, Xavier
GOULD, Ernest Andrew
DE FABRITUS, Lauriane
(31) 14305955
(32) 20.06.2014
(33) European Patent Office (EPO)
(51) C12N 9/24
C12N 1/20
C12N 15/00
C07H 21/04
A61K 38/47
A61K 38/00
A61K 39/00
(11) EP3241898
(21) EP17164276.2
(47) 23.01.2019
(22) 21.07.2005
(54) A NOVEL CLASS OF THERAPEUTIC PROTEIN BASED MOLECULES
(73) Ansun Biopharma, Inc.
(72) FANG, Fang
MALAKHOV, Michael
(31) 939262
(32) 10.09.2004
(33) United States of America
(51) C12N 9/28
(11) EP3013949
(21) EP14731607.9
(47) 30.01.2019
(87) EP2014062665
31.12.2014
(22) 17.06.2014
(54) CODON MODIFIED AMYLASE FROM BACILLUS AKIBAI
(73) Novozymes A/S
(72) ANDERSEN, Jens, Toenne
BANKE, Niels
(31) 13173431
(32) 24.06.2013
(33) European Patent Office (EPO)
(51) C12N 9/88
C07K 14/47
C07K 14/75
C07K 14/78
A61K 38/00
(11) EP2968435
(21) EP14762957.0
(47) 30.01.2019
(87) IL2014050243
18.09.2014
(22) 11.03.2014
(54) SYNTHETIC PEPTIDES FOR THE TREATMENT OF AUTOIMMUNE DISEASES
(73) Tel HaShomer Medical Research Infrastructure and Services Ltd.
(72) SHOENFELD, Yehuda
AMITAL, Howard
GERTEL, Smadar
(31) 201361776801 P
(32) 12.03.2013
(33) United States of America
(51) C12N 9/96
(11) EP3234127
(21) EP15816751.0
(47) 23.01.2019
(87) EP2015080387
23.06.2016
(22) 18.12.2015
(54) STABLE REACTION MIXTURES
(73) F. Hoffmann-La Roche AG
(72) MARTINEZ, Tomas
SMITH, Edward
(31) 201462094284 P
(32) 19.12.2014
(33) United States of America
(51) C12N 11/08
C12N 5/077
A61L 31/16
A61L 27/18
A61L 27/38
G01N 33/50
A61K 35/12
(11) EP2350274
(21) EP09822316.7
(47) 23.01.2019
(87) US2009005727
29.04.2010
(22) 21.10.2009
(54) CELL TRANSPLANTATION
(73) The General Hospital Corporation
(72) AUSTEN, William, G., Jr.
(31) 107023 P
(32) 21.10.2008
(33) United States of America
(51) C12N 15/00
C12N 15/11
C12P 19/34
C07H 21/02
C12N 15/86
A61K 48/00
(11) EP2488641
(21) EP10824202.5
(47) 23.01.2019
(87) US2010052920
21.04.2011
(22) 15.10.2010
(54) SUPERCOILED MINICIRCLE DNA FOR GENE THERAPY APPLICATIONS
(73) Baylor College Of Medicine
(72) ZECHIEDRICH, E., Lynn
FOGG, Jonathan
CATANESE, Jr., Daniel, James
BAKKALBASI, Erol
GILBERT, Brian, E.
(31) 252455 P
(32) 16.10.2009
(33) United States of America
(51) C12N 15/09
A61K 39/395
A61P 35/00
C07K 16/40
C07K 16/28
A61K 39/00
(11) EP2918678
(21) EP13853016.7
(47) 30.01.2019
(87) JP2013076745
15.05.2014
(22) 01.10.2013
(54) ANTI-ADAM28 ANTIBODY FOR TREATING CANCER
(73) Keio University
GeneFrontier Corporation
(72) MIYAKOSHI, Akira
MATSUMOTO, Rena
KATOH, Shizue
HAYAMI, Yuki
MOCHIZUKI, Satsuki
SHIMODA, Masayuki
OKADA, Yasunori
(31) 201261724484 P
(32) 09.11.2012
(33) United States of America
(51) C12N 15/10
A61K 48/00
(11) EP3199631
(21) EP17160119.8
(47) 30.01.2019
(22) 29.11.2001
(54) RNA INTERFERENCE MEDIATING SMALL RNA MOLECULES
(73) Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
Europäisches Laboratorium für Molekularbiologie (EMBL)
(72) TUSCHL, Thomas
ELBASHIR, Sayda
LENDECKEL, Winfried
WILM, Matthias
LÜHRMANN, Reinhard
(31) 00126325
279661 P
(32) 01.12.2000
30.03.2001
(33) European Patent Office (EPO)
United States of America
(51) C12N 15/115
A61P 35/00
(11) EP3158068
(21) EP15732901.2
(47) 30.01.2019
(87) GB2015051812

30.12.2015	C12P 7/64	(31) 201210196862
(22) 23.06.2015	C12N 9/00	(32) 12.07.2012
(54) APTAMERS AGAINST EGFR AND THERAPEUTIC USES THEREOF	(11) EP3192871	(33) China
(73) Avvinity Therapeutics Limited	(21) EP17153399.5	(51) C12N 15/85
(72) HALL, Bradley	(47) 23.01.2019	A01K 67/027
HATALA, Paul	(22) 19.03.2010	C07K 16/00
(31) 201411150	(54) POLYUNSATURATED FATTY ACID SYNTHASE NUCLEIC ACID MOLECULES AND POLYPEPTIDES, COMPOSITIONS, AND METHODS OF MAKING AND USES THEREOF	C07K 16/46
(32) 23.06.2014	(73) DSM IP Assets B.V.	C07K 16/18
(33) United Kingdom	(72) APT, Kirk E.	C12N 15/10
(51) C12N 15/38	RICHTER, Leslie	(11) EP3034608
A61K 39/245	SIMPSON, David	(21) EP16154526.4
C07K 14/045	ZIRKLE, Ross	(47) 30.01.2019
(11) EP2877580	(31) 161742 P	(22) 22.06.2011
(21) EP13822266.6	296460 P	(54) MICE EXPRESSING AN IMMUNOGLOBULIN HYBRID LIGHT CHAIN WITH A HUMAN VARIABLE REGION
(47) 30.01.2019	(32) 19.03.2009	(73) REGENERON PHARMACEUTICALS, INC.
(87) US2013032554	19.01.2010	(72) MACDONALD, Lynn
30.01.2014	(33) United States of America	STEVENS, Sean
(22) 15.03.2013	United States of America	GURER, Cagan
(54) AN MVA VACCINE FOR DELIVERY OF A UL128 COMPLEX AND PREVENTING CMV INFECTION	(51) C12N 15/75	MURPHY, Andrew J.
(73) The Regents of the University of California City of Hope	(11) EP2788491	HOSIAWA, Karolina A.
(72) DIAMOND, Don, J.	(21) EP12806777.4	(31) 357317 P
WUSSOW, Felix	(47) 23.01.2019	357314 P
BARRY, Peter, A.	(87) US2012068285	(32) 22.06.2010
(31) 201261676846 P	13.06.2013	22.06.2010
(32) 27.07.2012	(22) 06.12.2012	(33) United States of America
(33) United States of America	(54) RIBOSOMAL PROMOTORS FROM B. SUBTILIS FOR PROTEIN PRODUCTION IN MICROORGANISMS	United States of America
(51) C12N 15/53	(73) Danisco US Inc.	(51) C12N 15/90
C12N 9/50	(72) BONGIORNI, Cristina	C12N 15/85
C12N 9/02	FOX, Bryan P.	C07K 16/00
C12N 1/20	VAN KIMMENADE, Anita	(11) EP2951309
C12N 1/21	(31) 201161569202 P	(21) EP14708935.3
C12Q 1/37	201161577491 P	(47) 30.01.2019
C12Q 1/34	(32) 09.12.2011	(87) IB2014000100
G01N 33/50	19.12.2011	07.08.2014
G01N 33/15	(33) United States of America	(22) 01.02.2014
C12R 1/07	United States of America	(54) ENHANCED TRANSGENE EXPRESSION AND PROCESSING
G01N 33/66	(51) C12N 15/81	(73) Selexis S.A.
G01N 33/72	C12N 1/19	(72) LE FOURN, Valérie
C12R 1/01	C12R 1/84	MERMOD, Nicolas
(11) EP2096173	C12R 1/78	REGAMEY, Alexandre
(21) EP09004586.5	C12R 1/72	BUCETA, Montse
(47) 30.01.2019	C12R 1/88	LEY, Déborah
(22) 21.05.2004	C07K 14/39	HARRAGHY, Niamh
(54) Method of measuring glycolated hemoglobin A1C, enzyme to be used therefor and process for producing the same	C12N 1/32	KOSTYRKO, Kaja
(73) Ichibiki Co Ltd.	(11) EP2873734	GIRO, Pierre-Alain
Asahi Kasei Pharma Corporation	(21) EP12881104.9	CALABRESE, David
(72) Matsuoka, Takeshi	(47) 23.01.2019	(31) 201361759802 P
Koga, Shinji	(87) CN2012084642	201361800244 P
Kouzuma, Takuji	16.01.2014	201361806634 P
Yoshioka, Issei	(22) 15.11.2012	(32) 01.02.2013
Nishimura, Atsuhisa	(54) METHOD OF ELIMINATING DEPENDENCE OF METHANOL INDUCED PROMOTER ON SINGLE METHANOL CARBON SOURCE	15.03.2013
Ituo, Homare	(73) East China University of Science and Technology	29.03.2013
Kumazawa, Toshihiko	(72) ZHOU, Xiangshan	(33) United States of America
Kuroyanagi, Takashi	ZHANG, Yuanxing	United States of America
(31) 2003143966	WANG, Jinjia	United States of America
2004063100	WANG, Xiaolong	(51) C12P 7/64
(32) 21.05.2003	BAI, Peng	C12N 15/67
05.03.2004	ZHANG, Ping	C12N 15/74
(33) Japan		(11) EP2576800
Japan		(21) EP11787551.8
(51) C12N 15/53		(47) 30.01.2019
C12N 15/82		(87) US2011038463
		01.12.2011

(22) 27.05.2011	STOYNOVA, Natalia Viktorovna	C12P 7/64
(54) Method for producing oils from Prototheca	DOROSHENKO, Vera Georgievna	C12N 1/14
(73) Corbion Biotech, Inc.	(31) 2014105547	C12N 1/16
(72) FRANKLIN, Scott	(32) 14.02.2014	C12N 1/20
SOMANCHI, Aravind	(33) Russian Federation	C12N 1/22
WEE, Janice	(51) C12P 19/00	(11) EP3080286
RUDENKO, George	C12P 23/00	(21) EP14809887.4
MOSELEY, Jeffrey L	C12P 33/00	(47) 30.01.2019
RAKITSKY, Walt	C12P 5/00	(87) EP2014077462
(31) 201061428192 P	C12P 7/00	18.06.2015
414393 P	C12P 15/00	(22) 11.12.2014
374992 P	C12P 17/00	(54) METHOD FOR PRODUCING SINGLE
349774 P	C12N 9/10	CELL OIL FROM LIGNOCELLULOSIC
(32) 29.12.2010	C12N 9/16	MATERIALS
16.11.2010	C12N 9/88	(73) Neste Oyj
18.08.2010	(11) EP2971027	(72) VAINIO, Heidi
28.05.2010	(21) EP14714149.3	SIPPONEN, Mika
(33) United States of America	(47) 30.01.2019	LAAKSO, Simo
United States of America	(87) US2014028421	PASTINEN, Ossi
United States of America	18.09.2014	LEHTOMÄKI, Ilkka
United States of America	(22) 14.03.2014	KOSKINEN, Perttu
(51) C12P 13/02	(54) USE OF PHOSPHOKETOLASE AND	LAAMANEN, Miia
(11) EP3201348	PHOSPHOTRANSACETYLASE FOR	(31) 13196743
(21) EP15788335.6	PRODUCTION OF ACETYL-COENZYME	(32) 11.12.2013
(47) 23.01.2019	A DERIVED COMPOUNDS	(33) European Patent Office (EPO)
(87) EP2015072508	(73) Amyris, Inc.	(51) C12P 21/02
07.04.2016	Total Marketing Services	C12N 15/67
(22) 30.09.2015	(72) HAWKINS, Kristy Michelle	(11) EP2406386
(54) METHOD FOR PREPARING AN	MAHATDEJKUL-MEADOWS, Tina	(21) EP10707048.4
AQUEOUS ACRYLAMIDE SOLUTION	Tipawan	(47) 23.01.2019
HAVING A LOW ACRYLIC ACID	MEADOWS, Adam Leon	(87) EP2010052918
CONCENTRATION	PICKENS, Lauren Barbara	16.09.2010
(73) BASF SE	TAI, Anna	(22) 08.03.2010
(72) BRAUN, Michael	TSONG, Annie Ening	(54) METHOD FOR IMPROVING THE YIELD
DAEUWEL, Juergen	(31) 201361800356 P	OF A POLYPEPTIDE
LANG, Hans-Juergen	(32) 15.03.2013	(73) DSM IP Assets B.V.
OEDMAN, Peter	(33) United States of America	(72) LAAN VAN DER, Jan Metske
BALDENIUS, Kai-Uwe	(51) C12P 19/02	WU, Liang
KLEINER, Matthias	C12P 19/14	ROUBOS, Johannes Andries
KIEFER, Michael	C12P 7/64	PARENICOVA, Lucie
FREYER, Stephan	C08B 1/00	LOS, Alrik Pieter
BUDDE, Michael	C08B 1/08	PEIJ VAN, Noël Nicolaas Maria Elisabeth
(31) 14003377	C08H 7/00	PEL, Herman Jan
(32) 30.09.2014	C08H 8/00	(31) 09154783
(33) European Patent Office (EPO)	C08B 37/00	(32) 10.03.2009
(51) C12P 13/04	(11) EP3080288	(33) European Patent Office (EPO)
C12P 13/10	(21) EP14809889.0	(51) C12P 21/02
C12P 13/14	(47) 30.01.2019	C12N 15/67
C12P 13/24	(87) EP2014077465	(11) EP2898085
C12N 15/70	18.06.2015	(21) EP13766525.3
C12P 13/06	(22) 11.12.2014	(47) 23.01.2019
C12P 13/08	(54) METHOD OF PROCESSING	(87) EP2013069887
C12P 13/12	LIGNOCELLULOSIC MATERIAL USING	27.03.2014
C12P 13/22	A CATIONIC COMPOUND	(22) 24.09.2013
(11) EP3105338	(73) Neste Oyj	(54) CELL LINES
(21) EP15708898.0	(72) VAINIO, Heidi	(73) MedImmune Limited
(47) 30.01.2019	MYLLYMÄKI, Olavi	(72) GRABSTEIN, Kenneth H.
(87) JP2015054508	PIHLAJANIEMI, Ville	VAN BRUNT, Michael
20.08.2015	SIPPONEN, Mika	MARELLI, Marcello
(22) 12.02.2015	LAAKSO, Simo	BRADY, William
(54) A METHOD FOR PRODUCING AN L-	LEHTOMÄKI, Ilkka	JOHNSON, Jeffrey
AMINO ACID USING A BACTERIUM OF	PASTINEN, Ossi	(31) 201261705116 P
THE FAMILY ENTEROBACTERIACEAE	KOSKINEN, Perttu	201361862495 P
HAVING OVEREXPRESSED THE YAJL	(31) 13196742	(32) 24.09.2012
GENE	(32) 11.12.2013	05.08.2013
(73) Ajinomoto Co., Inc.	(33) European Patent Office (EPO)	(33) United States of America
(72) SAMSONOV, Valery Vasilievich	(51) C12P 19/02	United States of America
EREMINA, Natalia Sergeevna	C12P 19/14	(51) C12P 39/00

C12P 7/06	(72) SUGIYAMA Norikazu	(47) 23.01.2019
C12P 7/08	KATAOKA Takuji	(87) US2012043678
C12P 7/10	ARATA Ikuo	27.12.2012
(11) EP2791350	(31) 2011244867	(22) 22.06.2012
(21) EP12799484.6	(32) 08.11.2011	(54) SYSTEMS, METHODS AND DEVICES
(47) 23.01.2019	(33) Japan	FOR ACHIEVING GLYCEMIC BALANCE
(87) US2012067717	(51) C12Q 1/18	(73) Hygieia Inc.
20.06.2013	G01N 33/68	(72) BASHAN, Eran
(22) 04.12.2012	C12Q 1/04	HODISH, Israel
(54) ENZYME COCKTAILS PREPARED	(11) EP3174994	(31) 201113168659
FROM MIXED CULTURES	(21) EP15756680.3	(32) 24.06.2011
(73) Danisco US Inc.	(47) 30.01.2019	(33) United States of America
(72) ENGLAND, George	(87) FR2015052105	(51) C12Q 1/54
LANTZ, Suzanne E.	04.02.2016	C12Q 1/32
(31) 201161570243 P	(22) 29.07.2015	(11) EP3249050
(32) 13.12.2011	(54) CHARACTERIZATION OF	(21) EP17172074.1
(33) United States of America	MICROORGANISMS VIA MALDI-TOF	(47) 23.01.2019
(51) C12Q 1/00	(73) Biomérieux	(22) 19.05.2017
B01L 3/00	(72) RAMJEET, Mahendrasingh	(54) ENZYME ELECTRODE AND
B82Y 15/00	SURRE, Jérémy	BIOSENSOR USING THE SAME
G01N 27/414	FERULLO, Audrey	(73) Ultizyme International Ltd.
G01N 33/50	(31) 1457389	ARKRAY, Inc.
(11) EP3060675	(32) 30.07.2014	(72) TAKAHASHI, Yuka
(21) EP14796555.2	(33) France	SHIMAZAKI, Junko
(47) 30.01.2019	(51) C12Q 1/37	(31) 2016102232
(87) IL2014050921	C07K 14/47	(32) 23.05.2016
30.04.2015	(11) EP2922866	(33) Japan
(22) 22.10.2014	(21) EP13792398.3	(51) C12Q 1/68
(54) METHOD AND SYSTEM FOR SENSING	(47) 23.01.2019	(11) EP2807274
(73) Ramot at Tel-Aviv University Ltd.	(87) EP2013074276	(21) EP13701467.6
(72) PATOLSKY, Fernando	30.05.2014	(47) 23.01.2019
HSIUNG, Le-Chang	(22) 20.11.2013	(87) EP2013051595
KRIVITSKY, Vadim	(54) MEANS AND METHODS FOR	01.08.2013
NADDAKA, Vladimir	DETERMINATION OF BOTULINUM	(22) 28.01.2013
(31) 201361893977 P	NEUROTOXIN BIOLOGICAL ACTIVITY	(54) MONOCYTE BIOMARKERS FOR
(32) 22.10.2013	(73) Merz Pharma GmbH & Co. KGaA	CANCER DETECTION
(33) United States of America	(72) EISELE, Karl-Heinz	(73) VIB VZW
(51) C12Q 1/00	FINK, Klaus	Life Sciences Research Partners VZW
G01N 27/327	(31) 12193560	Katholieke Universiteit Leuven, K.U.Leuven
G01N 33/543	201261729048 P	R&D
(11) EP3290523	(32) 21.11.2012	(72) MAZZONE, Massimiliano
(21) EP17188635.1	21.11.2012	(31) 12152916
(47) 23.01.2019	(33) European Patent Office (EPO)	(32) 27.01.2012
(22) 30.08.2017	United States of America	(33) European Patent Office (EPO)
(54) BIOSENSOR AND PRODUCTION	(51) C12Q 1/44	(51) C12Q 1/68
METHOD FOR SAME	C12Q 1/26	(11) EP3169804
(73) ARKRAY, Inc.	C12Q 1/32	(21) EP15745320.0
(72) FUKUDA, Kazuo	C12Q 1/60	(47) 30.01.2019
(31) 2016167810	G01N 33/92	(87) US2015040553
(32) 30.08.2016	(11) EP2891718	21.01.2016
(33) Japan	(21) EP13833253.1	(22) 15.07.2015
(51) C12Q 1/02	(47) 30.01.2019	(54) FGR FUSIONS
C12M 1/34	(87) JP2013073250	(73) Blueprint Medicines Corporation
C12N 5/071	06.03.2014	(72) CERAMI, Ethan G.
G02B 21/06	(22) 30.08.2013	STRANSKY, Nicolas
G01N 21/49	(54) METHOD FOR MEASURING	(31) 201462025854 P
(11) EP2778231	CHOLESTEROL IN HIGH-DENSITY	(32) 17.07.2014
(21) EP12847822.9	LIPOPROTEIN	(33) United States of America
(47) 23.01.2019	(73) Kyowa Medex Co., Ltd.	(51) C12Q 1/68
(87) JP2012077365	(72) SASAKI, Rie	(11) EP3064596
16.05.2013	KATAYAMA, Yuki	(21) EP16157930.5
(22) 23.10.2012	(31) 2012191144	(47) 30.01.2019
(54) METHOD FOR OBSERVING STEM	(32) 31.08.2012	(22) 29.02.2016
CELLS, METHOD FOR REMOVAL OF	(33) Japan	(54) METHOD FOR ANALYSING CYP2C19
CELL REGION IN STATE TENDING	(51) C12Q 1/54	GENE POLYMORPHISM, KIT AND
TOWARD DIFFERENTIATION, AND	A61B 5/145	USE THEREOF FOR ANALYSING THE
DEVICE FOR OBSERVING STEM CELLS	(11) EP2723887	CYP2C19 GENE POLYMORPHISMS AND
(73) Hamamatsu Photonics K.K.	(21) EP12802468.4	TO EVALUATE DRUG EFFICACY.

<p>(73) ARKRAY, Inc. (72) TAZOE, Hideaki (31) 2015043933 (32) 05.03.2015 (33) Japan</p> <hr/> <p>(51) C12Q 1/68 C07K 14/705 C12Q 1/00 C40B 20/00 G01N 33/68 G06F 19/22 C12N 5/078 (11) EP3146079 (21) EP15796244.0 (47) 30.01.2019 (87) CA2015000328 26.11.2015 (22) 22.05.2015</p> <p>(54) METHODS FOR DETERMINING LYMPHOCYTE RECEPTOR CHAIN PAIRS (73) The University of British Columbia (72) HANSEN, Carl Lars Genghis MEWIS, Georgia Elizabeth HEYRIES, Kevin Albert VANINSBERGHE, Michael Andrew DA COSTA, Daniel Jay RICICOVA, Marketa (31) 201462002152 P (32) 22.05.2014 (33) United States of America</p> <hr/> <p>(51) C12Q 1/68 C12Q 1/00 C40B 30/04 C40B 70/00 G01N 33/483 G01N 33/50 G01N 33/53 G01N 33/543 G01N 33/58 C12P 19/34 (11) EP3018215 (21) EP15182663.3 (47) 30.01.2019 (22) 13.02.2007</p> <p>(54) GENE EXPRESSION ASSAYS CONDUCTED BY ELEMENTAL ANALYSIS (73) Fluidigm Canada Inc. (72) ORNATSKY, Olga (31) 772588 P (32) 13.02.2006 (33) United States of America</p> <hr/> <p>(51) C12Q 1/68 G01N 33/53 C40B 30/04 (11) EP2861765 (21) EP13803548.0 (47) 23.01.2019 (87) US2013046020 19.12.2013 (22) 14.06.2013</p> <p>(54) METHODS OF DETECTING DISEASES OR CONDITIONS (73) Progenity, Inc. (72) Stylli, Harry (31) 201261660427 P (32) 15.06.2012</p>	<p>(33) United States of America</p> <hr/> <p>(51) C12Q 1/6806 A01N 1/02 A01N 1/00 (11) EP2430195 (21) EP10775442.6 (47) 23.01.2019 (87) US2010034454 18.11.2010 (22) 11.05.2010</p> <p>(54) COMPOSITIONS AND METHODS FOR BIOLOGICAL SAMPLE STORAGE (73) Biomatrix, Inc. (72) WHITNEY, Scott, E. DE ROZIERES, Sohela (31) 177161 P (32) 11.05.2009 (33) United States of America</p> <hr/> <p>(51) C12Q 1/6806 C12N 15/10 C12Q 1/6869 (11) EP3103885 (21) EP16173782.0 (47) 30.01.2019 (22) 09.06.2016</p> <p>(54) METHODS FOR SEQUENCING NUCLEIC ACIDS (73) Centrillion Technology Holdings Corporation (72) ZHOU, Wei COSTA, Justin McGALL, Glenn (31) 201562173140 P 201562173943 P (32) 09.06.2015 11.06.2015 (33) United States of America United States of America</p> <hr/> <p>(51) C12Q 1/6809 C12Q 1/6827 C12Q 1/6886 C12Q 1/6851 C12Q 1/6858 (11) EP3133168 (21) EP16178796.5 (47) 23.01.2019 (22) 24.05.2010</p> <p>(54) METHODS FOR DETECTING GENE DYSREGULATIONS (73) Quest Diagnostics Investments Incorporated (72) Sanders, Heather R. Albitar, Maher Meloni-Ehrig, Aurelia (31) 181217 P (32) 26.05.2009 (33) United States of America</p> <hr/> <p>(51) C12Q 1/6809 C12Q 1/6883 G06F 19/18 G06F 19/22 C40B 20/00 (11) EP2935625 (21) EP13864118.8 (47) 30.01.2019 (87) US2013075683 26.06.2014 (22) 17.12.2013</p>	<p>(54) NONINVASIVE DETECTION OF FETAL ANEUPLOIDY IN EGG DONOR PREGNANCIES (73) ARIOSIA DIAGNOSTICS, INC. (72) OLIPHANT, Arnold WANG, Eric STRUBLE, Craig (31) 201213720273 (32) 19.12.2012 (33) United States of America</p> <hr/> <p>(51) C12Q 1/6818 (11) EP3234176 (21) EP15823781.8 (47) 23.01.2019 (87) IB2015059541 23.06.2016 (22) 11.12.2015</p> <p>(54) METHOD FOR THE COLORIMETRIC DETECTION OF CONTAMINATION WITH NUCLEASES (73) Fondazione Istituto Italiano di Tecnologia (72) POMPA, Pier Paolo VALENTINI, Paola CECERE, Paola (31) TO20141040 (32) 15.12.2014 (33) Italy</p> <hr/> <p>(51) C12Q 1/6823 (11) EP3194613 (21) EP14771272.3 (47) 30.01.2019 (87) EP2014069778 24.03.2016 (22) 17.09.2014</p> <p>(54) NUCLEIC ACID TARGET IDENTIFICATION BY STRUCTURE BASED PROBE CLEAVAGE (73) Hoffmann-La Roche AG (72) GUPTA, Amar</p> <hr/> <p>(51) C12Q 1/6827 C12Q 1/6844 (11) EP2336361 (21) EP10180482.1 (47) 23.01.2019 (22) 11.04.2005</p> <p>(54) KIT FOR RECOMBINASE POLYMERASE AMPLIFICATION (73) Alere San Diego, Inc. (72) Piepenburg, Olaf Williams, Colin H. Armes, Niall Stemple, Derek L. (31) 576148 P 576162 P 931916 622291 P 632746 P (32) 01.06.2004 01.06.2004 01.09.2004 26.10.2004 02.12.2004</p> <p>(33) United States of America United States of America United States of America United States of America United States of America</p> <hr/> <p>(51) C12Q 1/6837</p>
---	---	--

(11) EP3198027	(22) 21.06.2011	CHEONG, Jae-Ho
(21) EP15766861.7	(54) COMPOSITIONS, KITS, AND METHODS FOR SYNTHESIS AND/OR DETECTION OF NUCLEIC ACIDS	PARK, Eun Sung
(47) 30.01.2019		(31) 20130037336
(87) EP2015071827	(73) Life Technologies Corporation	(32) 05.04.2013
31.03.2016	(72) TRINH, Christopher	(33) Korea (Republic)
(22) 23.09.2015	XU, Tom	(51) C12Q 1/6886
(54) FAST AND HIGHLY SPECIFIC DNA-BASED MULTIPLEX DETECTION	SHI, Yating	(11) EP3202913
(73) AIT Austrian Institute of Technology GmbH	LE, Ferrier Nhat	(21) EP16154643.7
(72) BARISIC, Ivan	MARJORIBANKS, Claire	(47) 30.01.2019
(31) 14185938	(31) 35703110 P	(22) 08.02.2016
(32) 23.09.2014	(32) 21.06.2010	(54) A SET OF GENES FOR USE IN A METHOD OF PREDICTING THE LIKELIHOOD OF A BREAST CANCER PATIENT'S SURVIVAL
(33) European Patent Office (EPO)	(33) United States of America	(73) King Faisal Specialist Hospital And Research Centre
(51) C12Q 1/6853	(51) C12Q 1/6869	(72) KHABAR, Khalid S. Abu
C12Q 1/6844	C12Q 1/6872	BAKHEET, Tala
C12Q 1/6834	G06F 19/22	HITTI, Edward
(11) EP3147374	G06F 19/18	AL-SOUHIBANI, Nora
(21) EP16196078.6	(11) EP3011051	AL SAYED, Adher
(47) 30.01.2019	(21) EP14739000.9	TWEGIERI, Taher
(22) 16.12.2011	(47) 30.01.2019	TULBAH, Asma
(54) METHODS FOR NUCLEIC ACID AMPLIFICATION	(87) US2014043497	
(73) Life Technologies Corporation	24.12.2014	(51) C12Q 1/689
(72) LI, Bin	(22) 20.06.2014	(11) EP2325646
LAO, Kai Qin	(54) METHOD FOR NON-INVASIVE ASSESSMENT OF GENETIC VARIATIONS	(21) EP10016019.1
O'NEIL, Jennifer	(73) Sequenom, Inc.	(47) 30.01.2019
KUNKEL, Jennifer	(72) KIM, Sung, K.	(22) 10.10.2006
HALEY, Kellie	HANNUM, Gregory	(54) Sequences for detection and identification of methicillin-resistant staphylococcus aureus (MRSA) of MREJ type XVII
KASINSKAS, Rachel	GEIS, Jennifer	(73) Becton Dickinson Infusion Therapy Systems Inc.
MA, Zhaochun	DECIU, Cosmin	(72) Huletsky, Ann
BRZOSKA, Pius	(31) 201361838048 P	Giroux, Richard
(31) 201061424599 P	(32) 21.06.2013	(31) 248438
201161445324 P	(33) United States of America	(32) 11.10.2005
201161451919 P	(51) C12Q 1/6881	(33) United States of America
201161526478 P	(11) EP3091089	
201161552660 P	(21) EP16165939.6	(51) C12Q 1/6895
(32) 17.12.2010	(47) 23.01.2019	C12N 15/82
22.02.2011	(22) 08.05.2013	A01H 5/10
11.03.2011	(54) METHOD FOR MEASURING AND CALIBRATING AMPLIFICATION BIAS IN MULTIPLEXED PCR REACTIONS	A01H 5/02
23.08.2011	(73) Adaptive Biotechnologies Corporation	(11) EP2102364
28.10.2011	(72) ROBINS, Harlan S.	(21) EP07869951.9
(33) United States of America	CARLSON, Christopher S.	(47) 23.01.2019
United States of America	LIVINGSTON, Robert J.	(87) US2007088902
United States of America	EMERSON, Ryan O.	10.07.2008
United States of America	SHERWOOD, Anna	(22) 27.12.2007
United States of America	(31) 201261644294 P	(54) GENETIC MARKERS FOR OROBANCHE RESISTANCE IN SUNFLOWER
United States of America	201261726489 P	(73) Pioneer Hi-Bred International, Inc.
(51) C12Q 1/6858	(32) 08.05.2012	(72) EL SAYED, Sadik
C12Q 1/6879	14.11.2012	HOEFT, Eric
C12Q 1/6876	(33) United States of America	LI, Zenglu
(11) EP3087200	United States of America	TULSIERAM, Lomas
(21) EP14824073.2	(51) C12Q 1/6886	(31) 882279 P
(47) 30.01.2019	(11) EP2982986	(32) 28.12.2006
(87) GB2014053844	(21) EP14779750.0	(33) United States of America
02.07.2015	(47) 30.01.2019	
(22) 24.12.2014	(87) KR2014002959	(51) C12Q 1/70
(54) KITS AND METHODS FOR MULTIPLEX ANALYSIS OF 13 MR Y-STRS	09.10.2014	C07K 14/005
(73) University of Central Lancashire	(22) 07.04.2014	C07K 16/00
(72) HADI, Sibte	(54) METHOD FOR MANUFACTURING GASTRIC CANCER PROGNOSIS PREDICTION MODEL	C12N 15/10
ALGHAFRI, Rashed	(73) Novomics Co., Ltd.	C12N 15/86
(31) 201323015	(72) HUH, Yong-min	C40B 40/02
(32) 24.12.2013	NOH, Sung Hoon	(11) EP2841606
(33) United Kingdom	SUH, Jin Suck	(21) EP13780660.0
(51) C12Q 1/686		(47) 23.01.2019
C12Q 1/6848		(87) US2013038497
(11) EP3150723		
(21) EP16196971.2		
(47) 30.01.2019		

31.10.2013	(87) EP2014077022	2010013247
(22) 26.04.2013	25.06.2015	(32) 13.07.2009
(54) FUSION PROTEINS TO FACILITATE SELECTION OF CELLS INFECTED WITH SPECIFIC IMMUNOGLOBULIN GENE RECOMBINANT VACCINIA VIRUS	(22) 09.12.2014	13.07.2009
(73) Vaccinex, Inc.	(54) TEXTILE TOOL AND MANUFACTURING METHOD FOR THE SAME	25.01.2010
(72) SMITH, Ernest S.	(73) Groz-Beckert KG	(33) Japan
PANDINA, Tracy	(72) SCHWARZ, Simone	Japan
BALCH, Leslie A.	DURST, Frank-Martin	Japan
PARIS, Mark	ZELLER, Richard	(51) C21D 8/12
ZAUDERER, Maurice	(31) 13198583	B23K 26/00
MOKSA, Angelika	(32) 19.12.2013	(11) EP2518169
KIRK, Renee	(33) European Patent Office (EPO)	(21) EP11843749.0
(31) 201261639046 P	(51) C21D 6/00	(47) 23.01.2019
201261732776 P	C21D 7/02	(87) CN2011073417
201313844388	C21D 7/10	31.05.2012
(32) 26.04.2012	C21D 9/08	(22) 28.04.2011
03.12.2012	C21D 8/10	(54) METHOD OF FAST LASER SCRIBING
15.03.2013	B21B 19/06	(73) Baoshan Iron & Steel Co., Ltd.
(33) United States of America	B21D 3/02	(72) HUANG, Wangya
United States of America	B21B 19/04	LI, Guobao
United States of America	B21C 1/00	ZHANG, Xinqiang
(51) C12Q 1/70	C21D 9/14	MAO, Xing
C12Q 1/04	C22C 38/00	GUO, Wanqing
G01N 33/53	C22C 38/02	ZHU, Jianru
G01N 33/569	C22C 38/04	XIANG, Banglin
G01N 33/58	C22C 38/42	(31) 201010562021
(11) EP2817422	C22C 38/44	(32) 26.11.2010
(21) EP13751965.8	F16L 9/02	(33) China
(47) 23.01.2019	(11) EP2690188	(51) C21D 9/46
(87) US2013027155	(21) EP12759950.4	C23C 2/28
29.08.2013	(47) 23.01.2019	C21D 1/673
(22) 21.02.2013	(87) JP2012057041	B21B 1/02
(54) METHODS AND SYSTEMS FOR DETECTION OF MICROORGANISMS	(22) 19.03.2012	B21B 45/00
(73) Laboratory Corporation of America Holdings	(54) AUSTENITE SYSTEM ALLOY PIPE AND MANUFACTURING METHOD THEREOF	B23P 17/00
(72) ANDERSON, Dwight Lyman	(73) Nippon Steel & Sumitomo Metal Corporation	C21D 7/13
CONRAD, Andrew J.	(72) SAWAWATARI, Naoki	B32B 15/01
ERICKSON, Stephen Eric	KURODA, Kouichi	B21B 45/02
GIL, Jose S.	SUWABE, Hitoshi	C21D 8/02
HOPKINS, Ben Barrett	UEYAMA, Masaki	C21D 8/04
(31) 201261601231 P	(31) 2011065895	C21D 9/48
(32) 21.02.2012	(32) 24.03.2011	C21D 8/00
(33) United States of America	(33) Japan	C22C 38/02
(51) C13B 30/06	(51) C21D 8/12	C22C 38/04
C13B 30/12	B21B 3/02	C22C 38/06
C13K 13/00	C22C 38/00	C22C 38/26
C07H 3/04	C22C 38/06	C23C 26/02
C13B 30/02	C22C 38/60	C23C 24/10
(11) EP2060639	C23C 8/26	(11) EP2581465
(21) EP07425720.5	H01F 1/16	(21) EP11795723.3
(47) 30.01.2019	C22C 38/02	(47) 30.01.2019
(22) 14.11.2007	C22C 38/04	(87) JP2011063561
(54) Continuous process for the preparation of crystalline lactulose	C22C 38/04	22.12.2011
(73) Fresenius Kabi Austria GmbH	(11) EP2455497	(22) 14.06.2011
(72) Cipolletti, Giovanni	(21) EP10799829.6	(54) HOT-STAMP-MOLDED ARTICLE, PROCESS FOR PRODUCTION OF STEEL SHEET FOR HOT STAMPING, AND PROCESS FOR PRODUCTION OF HOT-STAMP-MOLDED ARTICLE
(51) C21D 1/06	(47) 30.01.2019	(73) Nippon Steel & Sumitomo Metal Corporation
C21D 9/26	(87) JP2010061818	(72) KAWASAKI Kaoru
C21D 7/10	20.01.2011	SANO Kohichi
C21D 1/18	(22) 13.07.2010	SEKITO Yoshihito
B21G 1/00	(54) MANUFACTURING METHOD OF GRAIN-ORIENTED ELECTRICAL STEEL SHEET	(31) 2011092811
C23C 8/22	(73) Nippon Steel & Sumitomo Metal Corporation	2010135217
C22C 38/18	(72) USHIGAMI, Yoshiyuki	(32) 19.04.2011
(11) EP3084017	FUJII, Norikazu	14.06.2010
(21) EP14809042.6	(31) 2009165058	(33) Japan
(47) 30.01.2019	2009165011	Japan
		(51) C22B 3/02

- C22B 3/22
B01D 11/04
B65D 88/00
C22B 3/26
(11) EP2872659
(21) EP13810500.2
(47) 30.01.2019
(87) FI2013050639
03.01.2014
(22) 12.06.2013
(54) METHOD OF MANUFACTURING A
LAUNDER AND LAUNDER
(73) Outotec (Finland) Oy
(72) VAARNO, Jussi
SAARIO, Rami
FREDRIKSSON, Henri
(31) 20125712
(32) 26.06.2012
(33) Finland
-
- (51) C22B 3/22
C22B 3/44
C22B 3/06
C22B 11/08
C22B 15/00
(11) EP3158091
(21) EP15809681.8
(47) 30.01.2019
(87) ZA2015000045
23.12.2015
(22) 18.06.2015
(54) A METHOD OF RECOVERING BASE
METALS FROM LOW GRADE ORES
AND RESIDUES
(73) Sirch Group (Pty) Ltd
(72) CONRADIE, Nicholas
KOTZE, Marthie
(31) 201404452
(32) 18.06.2014
(33) South Africa
-
- (51) C22B 7/00
C22B 23/02
H01M 10/54
(11) EP2703504
(21) EP11876580.9
(47) 23.01.2019
(87) JP2011077315
06.06.2013
(22) 28.11.2011
(54) METHOD FOR RECOVERING
VALUABLE METAL
(73) Sumitomo Metal Mining Co., Ltd.
(72) TAKAHASHI, Jun-ichi
MORI, Kazuhiro
-
- (51) C22B 11/00
C22B 3/12
C22B 3/22
C22B 3/24
C22B 3/42
B01D 11/00
(11) EP2649211
(21) EP11846831.3
(47) 23.01.2019
(87) IB2011003096
14.06.2012
(22) 07.12.2011
(54) CO-CURRENT AND COUNTER
CURRENT RESIN-IN-LEACH IN GOLD
LEACHING PROCESSES
- (73) Barrick Gold Corporation
(72) CHOI, Yeonuk
CHEFAI, Samir
(31) 420596 P
(32) 07.12.2010
(33) United States of America
-
- (51) C22B 23/00
C22B 3/04
C22B 3/44
C22B 3/00
(11) EP3266885
(21) EP15884024.9
(47) 23.01.2019
(87) JP2015083794
09.09.2016
(22) 01.12.2015
(54) METHOD FOR PRODUCING
NICKEL SULFIDE AND
HYDROMETALLURGICAL METHOD
FOR NICKEL OXIDE ORE
(73) Sumitomo Metal Mining Co., Ltd.
(72) NAKAMURA, Shinichiro
NAKAI, Osamu
MITSUI, Hiroyuki
SHIBAYAMA, Keisuke
(31) 2015043693
(32) 05.03.2015
(33) Japan
-
- (51) C22B 23/02
B09B 3/00
B09B 5/00
C22B 1/02
C22B 7/00
H01M 6/52
H01M 10/54
(11) EP2677048
(21) EP12746714.0
(47) 23.01.2019
(87) JP2012053491
23.08.2012
(22) 15.02.2012
(54) VALUABLE METAL RECOVERY
METHOD
(73) Sumitomo Metal Mining Co., Ltd.
(72) TAKAHASHI, Jun-ichi
MORI, Kazuhiro
TAN, Toshiro
(31) 2011033378
2011090728
(32) 18.02.2011
15.04.2011
(33) Japan
Japan
-
- (51) C22C 1/05
(11) EP2519655
(21) EP10840691.9
(47) 23.01.2019
(87) IB2010056055
07.07.2011
(22) 23.12.2010
(54) COLOURED METAL COMPOSITE AND
METHOD FOR ITS MANUFACTURE
(73) Nokia Technologies Oy
(72) MILLAR, Caroline, Elizabeth
GODFREY, Stuart, Paul
(31) 648390
(32) 29.12.2009
(33) United States of America
-
- (51) C22C 1/06
C22C 23/02
B22D 21/00
(11) EP2374905
(21) EP11159526.0
(47) 23.01.2019
(22) 24.03.2011
(54) MANUFACTURING METHOD OF
MAGNESIUM BASED ALLOY FOR HIGH
TEMPERATURE
(73) EMK Co., Ltd.
Korea Institute of Industrial Technology
(72) Kim, Shae K
Seo, Jung Ho
(31) 20100028157
20100135979
(32) 29.03.2010
27.12.2010
(33) Korea (Republic)
Korea (Republic)
-
- (51) C22C 9/06
C22F 1/08
H01B 1/02
(11) EP2957646
(21) EP14750978.0
(47) 30.01.2019
(87) JP2014053053
21.08.2014
(22) 10.02.2014
(54) HIGH-STRENGTH CU-NI-CO-SI BASE
COPPER ALLOY SHEET, PROCESS FOR
PRODUCING SAME, AND CURRENT-
CARRYING COMPONENT
(73) Dowa Metaltech Co., Ltd
(72) KIMURA Takashi
KAMADA Toshiya
GAO Weilin
SASAKI Fumiaki
SUGAWARA Akira
(31) 2013027172
(32) 14.02.2013
(33) Japan
-
- (51) C22C 19/05
C22C 30/00
C22C 1/03
C22C 1/06
C22F 1/10
(11) EP3109331
(21) EP14883147.2
(47) 30.01.2019
(87) CN2014075474
27.08.2015
(22) 16.04.2014
(54) HIGH-TEMPERATURE NICKEL-
BASED ALLOY FOR 700°C GRADE
ULTRA-SUPERCritical COAL-FIRED
POWER STATION AND PREPARATION
THEREOF
(73) Shanghai Power Equipment Research
Institute
Universtiy of Science & Technology Beijing
(72) LIN, Fusheng
ZHAO, Shuangqun
FU,Rui
XIE, Xishan
CHI,Chengyu
HU, Yaohe
(31) 201410054132

(32) 18.02.2014	C21D 7/06	(73) JFE Steel Corporation
(33) China	(11) EP2518175	(72) FUKUDA, Kunio
(51) C22C 21/00	(21) EP10839395.0	ISHIKAWA, Shin
C22F 1/04	(47) 23.01.2019	FUJISAWA, Mitsuyuki
H01B 1/02	(87) JP2010073003	YAMAUCHI, Katsuhisa
H01B 5/02	30.06.2011	KAMI, Chikara
H01B 13/00	(22) 21.12.2010	(31) 2014260776
H01R 13/03	(54) HIGH-STRENGTH SPRING STEEL	(32) 24.12.2014
C22F 1/00	(73) Kabushiki Kaisha Kobe Seiko Sho	(33) Japan
(11) EP3130684	(72) NAGAMATSU, Sayaka	(51) C22C 38/06
(21) EP15777267.4	MARUO, Tomotada	C22C 38/38
(47) 30.01.2019	YOSHIHARA, Nao	C21D 8/02
(87) JP2015060981	(31) 2009291143	C21D 9/46
15.10.2015	(32) 22.12.2009	(11) EP2653582
(22) 08.04.2015	(33) Japan	(21) EP11847906.2
(54) BUS BAR ALUMINUM ALLOY PLATE	(51) C22C 38/00	(47) 30.01.2019
AND METHOD FOR PRODUCING SAME	C21D 9/46	(87) JP2011079045
(73) UACJ Corporation	C22C 38/38	21.06.2012
(72) NAKANISHI Hidetaka	C22C 38/58	(22) 15.12.2011
ASANO Mineo	C21D 6/00	(54) HOT-DIP GALVANIZED STEEL SHEET
(31) 2014081332	C21D 8/02	AND MANUFACTURING METHOD
(32) 10.04.2014	C22C 38/18	THEREOF
(33) Japan	C22C 38/42	(73) Nippon Steel & Sumitomo Metal Corporation
(51) C22C 21/02	(11) EP2172574	(72) NONAKA Toshiki
C22C 21/08	(21) EP08792317.3	OGAWA Toshio
C22F 1/05	(47) 23.01.2019	FUJITA Nobuhiro
(11) EP3215648	(87) JP2008064260	(31) 2010281690
(21) EP15790515.9	05.02.2009	(32) 17.12.2010
(47) 23.01.2019	(22) 01.08.2008	(33) Japan
(87) EP2015075401	(54) FERRITIC-AUSTENITIC STAINLESS	(51) C22C 45/02
12.05.2016	STEEL EXCELLENT IN CORROSION	C25C 1/24
(22) 02.11.2015	RESISTANCE AND WORKABILITY AND	C25D 3/56
(54) ULTRA HIGH STRENGTH 6XXX	PROCESS FOR MANUFACTURING THE	C25D 1/04
FORGED ALUMINIUM ALLOYS	SAME	C25D 5/18
(73) Constellium Valais SA (AG, Ltd)	(73) Nippon Steel & Sumikin Stainless Steel	C25D 5/48
(72) SKUBICH, Alexis	Corporation	H01F 1/153
JARRETT, Martin	(72) HATANO, Masaharu	H01F 41/26
BERTHERAT, Marc	TAKAHASHI, Akihiko	(11) EP2142678
(31) 14003717	ISHIMARU, Eiichiro	(21) EP08706342.6
(32) 05.11.2014	KIMURA, Ken	(47) 23.01.2019
(33) European Patent Office (EPO)	(31) 2007202016	(87) CA2008000205
(51) C22C 23/02	2007222259	07.08.2008
C22C 23/00	(32) 02.08.2007	(22) 01.02.2008
C22F 1/06	29.08.2007	(54) METHOD FOR MANUFACTURING AN
B22D 11/00	(33) Japan	AMORPHOUS Fe100-a-bPaMn ALLOY
(11) EP2641986	Japan	FOIL
(21) EP11842319.3	(51) C22C 38/00	(73) Hydro-Québec
(47) 23.01.2019	C22C 38/02	(72) LACASSE, Robert
(87) JP2011075757	C22C 38/04	POTVIN, Estelle
24.05.2012	C22C 38/42	TRUDEAU, Michel
(22) 08.11.2011	C22C 38/48	CAVE, Julian
(54) MAGNESIUM ALLOY SHEET AND	C22C 38/06	ALLAIRE, François
PROCESS FOR PRODUCING SAME	C22C 38/44	HOULACHI, Georges
(73) Sumitomo Electric Industries, Ltd.	C22C 38/46	(31) 2576752
(72) INOUE, Ryuichi	C22C 38/50	(32) 02.02.2007
INOKUCHI, Kohji	C22C 38/54	(33) Canada
OISHI, Yukihiro	C21D 1/06	(51) C22F 1/05
KAWABE, Nozomu	C21D 1/76	C21D 1/42
(31) 2010255564	C21D 9/46	C21D 1/52
2010255565	C23C 8/26	(11) EP3191613
(32) 16.11.2010	(11) EP3239315	(21) EP15759754.3
16.11.2010	(21) EP15872143.1	(47) 23.01.2019
(33) Japan	(47) 30.01.2019	(87) EP2015070123
Japan	(87) JP2015005728	17.03.2016
(51) C22C 38/00	30.06.2016	(22) 03.09.2015
C21D 9/02	(22) 17.11.2015	(54) METHOD OF ANNEALING ALUMINIUM
C22C 38/38	(54) FERRITIC STAINLESS STEEL AND	ALLOY SHEET MATERIAL
C22C 38/58	PROCESS FOR PRODUCING SAME	(73) Aleris Aluminum Duffel BVBA

(72) MEYER, Philippe EBZEEVA, Svetlana Emirovna ARRAS, JohanPetrus Mariette Guido VAN NIEUWERBURGH, Dirk Medard Gerard Florent BACKX, Petra (31) 14184553 (32) 12.09.2014 (33) European Patent Office (EPO)	C22F 1/04 (11) EP3036350 (21) EP14747522.2 (47) 30.01.2019 (87) EP2014002116 26.02.2015 (22) 31.07.2014 (54) METHOD OF COATING OF A CYLINDER WALL OF AN INTERNAL COMBUSTION ENGINE (73) Bayerische Motoren Werke Aktiengesellschaft Technische Universität München (72) WAGENER, Wolfram WOISETSCHLAEGER, Patrick (31) 102013013830 (32) 21.08.2013 (33) Germany	(54) METHOD FOR PRODUCING A SURFACE LAYER (73) Institut For Energiteknikk (72) MANGERSNES, Krister FOSS, Sean, Erik (31) 407171 P 20101511 (32) 27.10.2010 27.10.2010 (33) United States of America Norway
(51) C22F 1/053 C22C 21/10 (11) EP3135790 (21) EP15799459.1 (47) 23.01.2019 (87) JP2015065566 03.12.2015 (22) 29.05.2015 (54) METHOD FOR MANUFACTURING AN ALUMINUM ALLOY MEMBER AND ALUMINUM ALLOY MEMBER MANUFACTURED BY THE SAME (73) Mitsubishi Heavy Industries, Ltd. (72) INOUE, Akiko TAKAHASHI, Takayuki (31) 2014111568 (32) 29.05.2014 (33) Japan	(51) C22F 1/18 C22C 14/00 C22F 1/00 F16C 7/02 F16B 33/00 (11) EP2508643 (21) EP10834693.3 (47) 30.01.2019 (87) JP2010072058 09.06.2011 (22) 02.12.2010 (54) TITANIUM ALLOY PART AND METHOD OF MANUFACTURING SAME (73) Nippon Steel & Sumitomo Metal Corporation (72) TAKAHASHI, Kazuhiro KAWAKAMI, Akira KUNIEDA, Tomonori MASAKI, Motomi (31) 2009274817 (32) 02.12.2009 (33) Japan	(51) C23C 14/06 C01B 32/05 F16J 9/26 C01B 32/26 C10M 103/02 C10M 105/56 C23C 14/24 (11) EP3196332 (21) EP15842067.9 (47) 30.01.2019 (87) JP2015072647 24.03.2016 (22) 10.08.2015 (54) COATED SLIDE MEMBER (73) Kabushiki Kaisha Riken (72) TSUJI, Katsuhiko (31) 2014187450 (32) 16.09.2014 (33) Japan
(51) C22F 1/053 C22C 21/10 (11) EP3135790 (21) EP15799459.1 (47) 23.01.2019 (87) JP2015065566 03.12.2015 (22) 29.05.2015 (54) METHOD FOR MANUFACTURING AN ALUMINUM ALLOY MEMBER AND ALUMINUM ALLOY MEMBER MANUFACTURED BY THE SAME (73) Mitsubishi Heavy Industries, Ltd. (72) INOUE, Akiko TAKAHASHI, Takayuki (31) 2014111568 (32) 29.05.2014 (33) Japan	(51) C23C 4/11 C23C 4/12 C23C 4/134 C23C 28/04 C23C 28/00 C04B 35/486 F01D 5/28 (11) EP2799588 (21) EP14163745.4 (47) 30.01.2019 (22) 07.04.2014 (54) Method of making high temperature TBCs with ultra low thermal conductivity and abradability (73) General Electric Company (72) Parakala, Padmaja Pabla, Surinder S. Margolies, Joshua Lee Ruud, James Anthony Anand, Krishnamurthy Schaeffer, Jon Conrad (31) 201313860044 (32) 10.04.2013 (33) United States of America	(51) C23C 14/32 C23C 14/24 H01J 37/32 H01J 37/34 C23C 14/54 (11) EP2426231 (21) EP10769458.0 (47) 23.01.2019 (87) JP2010002712 04.11.2010 (22) 14.04.2010 (54) ARC EVAPORATION SOURCE AND METHOD FOR MANUFACTURING FILM USING SAME (73) Kabushiki Kaisha Kobe Seiko Sho (72) Shinichi Tanifuji Kenji Yamamoto Hirofumi Fujii Yoshinori Kurokawa (31) 2009109305 2010024315 (32) 28.04.2009 05.02.2010 (33) Japan Japan
(51) C22F 1/053 C22C 21/10 (11) EP3135790 (21) EP15799459.1 (47) 23.01.2019 (87) JP2015065566 03.12.2015 (22) 29.05.2015 (54) METHOD FOR MANUFACTURING AN ALUMINUM ALLOY MEMBER AND ALUMINUM ALLOY MEMBER MANUFACTURED BY THE SAME (73) Mitsubishi Heavy Industries, Ltd. (72) INOUE, Akiko TAKAHASHI, Takayuki (31) 2014111568 (32) 29.05.2014 (33) Japan	(51) C23C 10/30 C23C 12/02 C23C 10/28 C23C 10/52 (11) EP2350335 (21) EP09821031.3 (47) 23.01.2019 (87) US2009059781 22.04.2010 (22) 07.10.2009 (54) GROUP 5 METAL SOURCE CARBIDE COATED STEEL ARTICLE AND METHOD FOR MAKING SAME (73) Borgwarner Inc. (72) THETE, Manoj (31) 105898 P (32) 16.10.2008 (33) United States of America	(51) C23C 14/34 B22F 3/10 B22F 3/14 B22F 5/00 C22C 1/04 C22C 28/00 C22C 30/00 C22F 1/00 C23C 14/06 C23C 14/14 C22C 21/00 C22C 30/02 (11) EP3170916
(51) C23C 4/02 C23C 4/131 C21D 7/08 F16J 10/04	(51) C23C 4/02 C23C 4/131 C21D 7/08 F16J 10/04 (11) EP2633559 (21) EP11773300.6 (47) 30.01.2019 (87) EP2011068665 03.05.2012 (22) 25.10.2011	

- (21) EP15848511.0
(47) 23.01.2019
(87) JP2015078564
14.04.2016
- (22) 08.10.2015
(54) SPUTTERRING TARGET COMPRISING AL-TE-CU-ZR-BASED ALLOY AND METHOD OF MANUFACTURING THE SAME
(73) JX Nippon Mining & Metals Corporation
(72) KOIDO Yoshimasa
(31) 2014207770
(32) 09.10.2014
(33) Japan
-
- (51) C23C 14/50
C23C 14/04
(11) EP3296423
(21) EP16002019.4
(47) 30.01.2019
(22) 16.09.2016
(54) VACUUM COATING APPARATUS
(73) Satisloh AG
(72) MORENI, Franco
COREA, Antonio
VISCOMI, Giuseppe
-
- (51) C23C 14/50
C23C 16/458
B05B 13/02
(11) EP3277858
(21) EP16718210.4
(47) 23.01.2019
(87) EP2016057279
06.10.2016
(22) 01.04.2016
(54) LOADING OF WORKPIECES IN A COATING SYSTEM
(73) CemeCon AG
(72) KÖLKER, Werner
MAY, Walter
(31) 102015105169
(32) 02.04.2015
(33) Germany
-
- (51) C23C 16/18
C07C 13/15
C07C 13/20
C23C 16/56
H01L 21/28
H01L 21/285
C07F 15/04
C23C 16/42
(11) EP3054031
(21) EP14851079.5
(47) 30.01.2019
(87) JP2014074628
09.04.2015
(22) 18.09.2014
(54) METHOD FOR PRODUCING NICKEL THIN FILM ON Si SUBSTRATE BY CHEMICAL VAPOR DEPOSITION METHOD, AND METHOD FOR PRODUCING Ni SILICIDE THIN FILM ON Si SUBSTRATE
(73) Tanaka Kikinzoku Kogyo K.K.
(72) NABEYA, Shunichi
HARADA, Ryosuke
SUZUKI, Kazuharu
SONE, Takayuki
YOKOO, Michihiro
- (31) 2013207669
(32) 02.10.2013
(33) Japan
-
- (51) C23C 16/30
C30B 29/10
C30B 29/54
B05D 5/00
B05D 1/36
B05D 1/00
B05D 1/18
B05D 7/00
(11) EP1838893
(21) EP05822680.4
(47) 23.01.2019
(87) NO2005000488
06.07.2006
(22) 28.12.2005
(54) THIN FILMS PREPARED WITH GAS PHASE DEPOSITION TECHNIQUE
(73) Universitetet I Oslo
(72) FJELLVÅG, Helmer
NILSEN, Ola
(31) 20045674
(32) 28.12.2004
(33) Norway
-
- (51) C23C 18/12
H01G 9/20
(11) EP1929067
(21) EP05770219.3
(47) 23.01.2019
(87) IB2005002501
22.02.2007
(22) 12.08.2005
(54) A METHOD OF PRODUCING TITANIUM OXIDE FILMS AT LOW TEMPERATURES FOR PHOTOCATALYTIC AND PHOTOVOLTAIC APPLICATIONS
(73) Türkiye Sise Ve Cam Fabrikalari A.S.
(72) ICLI, Siddik
ZAFER, Ceylan
OCAKOGLU, Kasim
KARAPIRE, Canan
YOLDAS, Bulent
TEOMAN, Yildirim
KUBAN, Baha
-
- (51) C23C 22/05
C23C 22/78
C23C 22/82
C23C 2/06
C23C 2/26
C23F 11/14
C25D 3/22
C25D 5/48
(11) EP3250730
(21) EP16704480.9
(47) 23.01.2019
(87) IB2016050506
04.08.2016
(22) 01.02.2016
(54) METHOD FOR THE PRODUCTION OF A COATED METAL SHEET, COMPRISING THE APPLICATION OF AN AQUEOUS SOLUTION CONTAINING AN AMINO ACID, AND ASSOCIATED USE IN ORDER TO IMPROVE CORROSION RESISTANCE
(73) Arcelormittal S.A.
- (72) RACHIELE, Lydia
DERULE, Herve
THAI, Delphine
-
- (31) PCT/IB2015/050722
(32) 30.01.2015
(33) World Intellectual Property Office (WIPO)
-
- (51) C23C 24/04
H01B 1/02
H01B 5/02
(11) EP2662473
(21) EP11854649.8
(47) 23.01.2019
(87) JP2011080125
12.07.2012
(22) 26.12.2011
(54) CONDUCTIVE MEMBER
(73) NHK Spring Co., Ltd.
(72) KAYAMOTO, Takashi
SAITO, Shinji
YAMAUCHI, Yuichiro
(31) 2011002212
(32) 07.01.2011
(33) Japan
-
- (51) C23F 11/08
C23F 11/10
C23F 11/167
C07F 9/09
C02F 5/14
(11) EP3216895
(21) EP16159909.7
(47) 23.01.2019
(22) 11.03.2016
(54) PROCESS FOR PREPARING PHOSPHOTARTARIC ACID AND SALTS THEREOF
(73) Kurita Water Industries Ltd.
(72) LUNKENHEIMER, Rudolf
HATER, Wolfgang
WOLF, Florian
-
- (51) C23F 11/10
C02F 5/12
C09K 5/20
C10M 173/00
C23F 11/14
C23F 14/02
(11) EP3260576
(21) EP16175712.5
(47) 30.01.2019
(22) 22.06.2016
(54) AQUEOUS OIL-IN-WATER EMULSIONS OF ORGANIC AMINES
(73) Kurita Water Industries Ltd.
(72) Jasper, Julia
Zimmer, Kirstin
De Bache, André
Hater, Wolfgang
-
- (51) C25B 1/02
B01D 53/047
B01D 53/26
(11) EP3185987
(21) EP15760594.0
(47) 30.01.2019
(87) US2015047409
03.03.2016
(22) 28.08.2015
(54) METHOD OF DRYING A HYDROGEN GAS MIXTURE PRODUCED BY AN

ELECTROCHEMICAL HYDROGEN COMPRESSOR	(11) EP3023520	C30B 25/16
(73) Nuvera Fuel Cells, LLC	(21) EP15193859.4	(11) EP2465979
(72) LI, Zhijiang	(47) 30.01.2019	(21) EP11192939.4
VANZANDT, Kyle	(22) 10.11.2015	(47) 30.01.2019
BLANCHET, Scott	(54) ENVIRONMENTALLY FRIENDLY GOLD	(22) 12.12.2011
(31) 201462043692 P	ELECTROPLATING COMPOSITIONS	(54) Apparatus for manufacturing silicon carbide
(32) 29.08.2014	AND CORRESPONDING METHOD	single crystal
(33) United States of America	(73) Rohm and Haas Electronic Materials LLC	(73) Denso Corporation
(51) C25B 15/02	(72) FOYET, Adolphe	(72) Tokuda, Yuuichirou
C25B 1/04	CLAUSS, Margit	Hara, Kazukuni
F17D 1/08	BUCHS, Reto	Kojima, Jun
G01F 15/00	(31) 201414549571	(31) 2010280308
G06Q 30/02	(32) 21.11.2014	(32) 16.12.2010
G06Q 30/04	(33) United States of America	(33) Japan
G06Q 50/06	(51) C30B 23/02	(51) C30B 29/38
H02J 3/28	C30B 23/06	C23C 16/34
C25B 9/06	C30B 29/40	C30B 25/18
C25B 9/18	C30B 33/02	H01L 21/205
(11) EP2855736	C22C 28/00	C30B 25/16
(21) EP13797963.9	C22C 30/00	C30B 29/40
(47) 23.01.2019	H01L 31/0304	H01L 21/02
(87) CA2013050404	H01L 31/036	(11) EP2500451
05.12.2013	H01L 31/0725	(21) EP10829927.2
(22) 27.05.2013	H01L 31/0735	(47) 30.01.2019
(54) ELECTROLYSER AND ENERGY SYSTEM	H01L 31/078	(87) JP2010069929
(73) Hydrogenics Corporation	H01L 31/18	19.05.2011
(72) JOOS, Nathaniel, Ian	(11) EP2553731	(22) 09.11.2010
CARGNELLI, Joseph	(21) EP10849171.3	(54) METHOD FOR PRODUCING LAMINATE
(31) 201261652263 P	(47) 23.01.2019	(73) Stanley Electric Co., Ltd.
(32) 28.05.2012	(87) US2010061635	(72) KINOSHITA, Toru
(33) United States of America	06.10.2011	TAKADA, Kazuya
(51) C25C 3/00	(22) 21.12.2010	(31) 2009256626
C25C 3/26	(54) SUBCELL FOR USE IN A	(32) 10.11.2009
(11) EP2850225	MULTIJUNCTION SOLAR CELL	(33) Japan
(21) EP13724346.5	(73) Solar Junction Corporation	(51) C30B 33/02
(47) 23.01.2019	(72) JONES, Rebecca Elizabeth	(11) EP3184673
(87) GB2013051219	YUEN, Homan Bernard	(21) EP16204250.1
21.11.2013	LIU, Ting	(47) 23.01.2019
(22) 10.05.2013	MISRA, Pranob	(22) 15.12.2016
(54) ELECTROLYTIC METHOD	(31) 749076	(54) METHOD FOR CALIBRATING AN
(73) Metalysis Limited	(32) 29.03.2010	ANNEALING FURNACE USED TO FORM
(72) WRIGHT, Allen Richard	(33) United States of America	HEAT DONORS
HOLLOWAY, Stephen	(51) C30B 25/10	(73) COMMISSARIAT A L'ENERGIE
(31) 201208698	C30B 29/04	ATOMIQUE ET AUX ENERGIES
(32) 16.05.2012	C01B 32/25	ALTERNATIVES
(33) United Kingdom	(11) EP2655704	(72) DUBOIS, Sébastien
(51) C25D 3/06	(21) EP11801725.0	VEIRMAN, Jordi
(11) EP2350354	(47) 30.01.2019	(31) 1562979
(21) EP09823983.3	(87) EP2011073147	(32) 21.12.2015
(47) 23.01.2019	28.06.2012	(33) France
(87) US2009058143	(22) 16.12.2011	(51) D01D 5/253
06.05.2010	(54) DISLOCATION ENGINEERING IN	D01F 6/60
(22) 24.09.2009	SINGLE CRYSTAL SYNTHETIC	D02G 3/48
(54) PROCESS FOR PLATING CHROMIUM FROM A TRIVALENT CHROMIUM PLATING BATH	DIAMOND MATERIAL	(11) EP3286363
(73) MacDermid, Incorporated	(73) Element Six Technologies Limited	(21) EP16717643.7
(72) PEARSON, Trevor	(72) DHILLON, Harpreet Kaur	(47) 30.01.2019
HANDY, Stacey	DAVIES, Nicholas Matthew	(87) EP2016058888
(31) 261352	KHAN, Rizwan Uddin Ahmad	27.10.2016
(32) 30.10.2008	TWITCHEN, Daniel James	(22) 21.04.2016
(33) United States of America	MARTINEAU, Philip Maurice	(54) CORD COMPRISING MULTIFILAMENT
(51) C25D 5/18	(31) 201021985	PARA-ARAMID YARN COMPRISING
C25D 7/00	201161430751 P	NON-ROUND FILAMENTS
C25D 3/48	(32) 24.12.2010	(73) Teijin Aramid B.V.
C25D 3/62	07.01.2011	(72) JONG DE, Jorrit
	(33) United Kingdom	TWEEL VAN DEN, Michel H.J.
	United States of America	ELKINK, Frederik
	(51) C30B 25/14	BUSSCHER, Leonardus A. G.
	C30B 29/36	(31) 15164655

15176218	(32) 19.03.2013	23.01.2014
(32) 22.04.2015	(33) Germany	(22) 16.07.2013
10.07.2015	(51) D01H 4/50	(54) JOINT STRIP CONSISTING OF GLASS FIBRES AND JOINTING PROCESS
(33) European Patent Office (EPO)	(11) EP3255183	(73) Saint-Gobain Adfors
European Patent Office (EPO)	(21) EP17170742.5	(72) MIKULECKY, Bohuslav
(51) D01F 2/10	(47) 30.01.2019	MRAZ, Jan
(11) EP2931952	(22) 12.05.2017	(31) 1256875
(21) EP13814460.5	(54) METHOD FOR SPINNING-IN YARN IN AN OPEN END SPINNING UNIT	(32) 17.07.2012
(47) 30.01.2019	(73) Rieter Ingolstadt GmbH	(33) France
(87) EP2013075580	(72) WIDNER, Harald	(51) D04B 27/02
19.06.2014	BAIER, Frank	D04B 27/06
(22) 04.12.2013	HAUNSCHILD, Helmut	D04B 27/24
(54) REGENERATED CELLULOSE FIBRE	(31) 102016109682	D05C 15/20
(73) Kelheim Fibres GmbH	(32) 25.05.2016	(11) EP3241934
(72) ROGGENSTEIN, Walter	(33) Germany	(21) EP16168335.4
HERMANUTZ, Frank	(51) D03D 15/00	(47) 23.01.2019
WIMMER, Philipp	D03D 27/08	(22) 04.05.2016
(31) 12197065	(11) EP2569471	(54) TEXTILE TOOL MODULE AND TEXTILE MACHINE WITH A TEXTILE TOOL MODULE
(32) 13.12.2012	(21) EP11718954.8	(73) Groz-Beckert KG
(33) European Patent Office (EPO)	(47) 30.01.2019	(72) GSCHWIND, Daniel
(51) D01G 15/86	(87) EP2011002317	ZINDRITSCH, Thomas
(11) EP2964818	17.11.2011	SCHMID, Thomas
(21) EP14708939.5	(22) 10.05.2011	(51) D04B 37/06
(47) 30.01.2019	(54) Procedure for manufacturing sponge fabrics for absorbing water or other liquids in general	(11) EP3333292
(87) IB2014000202	(73) GILANIA S.R.L.	(21) EP16203371.6
12.09.2014	(72) RUGGERI, Riccardo	(47) 30.01.2019
(22) 26.02.2014	(31) MI20100842	(22) 12.12.2016
(54) FOUNDATION FOR A CLOTHING OF A CARDING MACHINE	(32) 12.05.2010	(54) METHOD AND AUXILIARY DEVICE FOR THE ADJUSTMENT OF A WARP KNITTING MACHINE
(73) Graf + Cie AG	(33) Italy	(73) Karl Mayer Textilmaschinenfabrik GmbH
(72) SCHILTER, Markus	(51) D03D 39/08	(72) KRAKOW, Oliver
(31) 548132013	(11) EP3231910	KNAUP, Peter
(32) 06.03.2013	(21) EP17166009.5	(51) D04H 1/4242
(33) Switzerland	(47) 30.01.2019	D04H 1/46
(51) D01H 4/14	(22) 11.04.2017	D04H 3/002
F16C 32/04	(54) GRIPPER FOR A GRIPPER WEAVING MACHINE AND METHOD FOR MANUFACTURING SUCH A GRIPPER	D04H 3/105
H02K 7/09	(73) NV Michel van de Wiele	D04H 18/02
H02K 11/30	(72) BRUYNOGHE, Koen	(11) EP2947191
(11) EP3235934	GARNETT, Peter	(21) EP15168356.2
(21) EP17166242.2	(31) 16165005	(47) 30.01.2019
(47) 30.01.2019	(32) 13.04.2016	(22) 20.05.2015
(22) 12.04.2017	(33) European Patent Office (EPO)	(54) SYSTEM AND METHOD FOR TRANSPORT OF FIBERS TO/FROM A CIRCULAR NEEDLE-PUNCHING LOOM
(54) SPINNING ROTOR SHAFT, BEARING ASSEMBLY FOR ACTIVE MAGNETIC BEARINGS OF SUCH A SPINNING ROTOR SHAFT AND SPINNING ROTOR DRIVE	(51) D03D 47/30	(73) Goodrich Corporation
(73) Saurer Spinning Solutions GmbH & Co. KG	F16K 31/06	(72) LE COSTAOUËC, Jean-Francois
(72) Brakensiek, Dirk	(11) EP2933363	(31) 201414286077
Burchert, Mathias	(21) EP14001388.9	(32) 23.05.2014
(31) 102016004714	(47) 30.01.2019	(33) United States of America
(32) 19.04.2016	(22) 16.04.2014	(51) D04H 1/435
(33) Germany	(54) Air jet weaving machine comprising electromagnetic valve	D04H 1/56
(51) D01H 4/48	(73) IRO Aktiebolag	D04H 5/06
D01H 15/00	(72) Josefsson, Pär	D01D 5/084
(11) EP2784193	Rundberg, Tomas	D01F 6/62
(21) EP14159346.7	Johansson, Per-Ove	(11) EP3161200
(47) 30.01.2019	(51) D04B 21/10	(21) EP14896221.0
(22) 13.03.2014	D03D 1/00	(47) 30.01.2019
(54) Spinning unit of a spinning machine and method for operating the same	D03D 3/00	(87) CN2014080901
(73) MASCHINENFABRIK RIETER AG	D03D 9/00	30.12.2015
(72) Kübler, Markus	E04F 13/04	(22) 26.06.2014
Stahlecker, Gerd	D03D 15/00	(54) THERMALLY STABLE NONWOVEN WEB COMPRISING MELTBLOWN BLENDED-POLYMER FIBERS
Schäffler, Gernot	(11) EP2877647	(73) 3M Innovative Properties Company
Pilar, Evzen	(21) EP13744755.3	
Ricaurte-Rubio, Javier-Orlando	(47) 23.01.2019	
(31) 102013102770	(87) FR2013051706	

- (72) CHEN, Rui
FU, Xiaoshuan
YOU, Jinzhang
HANAMAKI, Chiaki
TALWAR, Sachin
-
- (51) D04H 1/492
D04H 18/04
D21F 1/66
- (11) EP3194645
(21) EP15757274.4
(47) 30.01.2019
(87) EP2015070011
24.03.2016
(22) 02.09.2015
(54) METHOD AND DEVICE FOR
PRODUCING A NONWOVEN MATERIAL
- (73) Trützschler GmbH & Co. KG
Voith Patent GmbH
- (72) WEIGERT, Thomas
PÖHLER, Kai
- (31) 102014218724
(32) 18.09.2014
(33) Germany
-
- (51) D04H 1/587
D04H 1/64
C03C 25/32
C08B 37/00
C08L 5/00
C09J 179/00
B27N 3/00
- (11) EP2467521
(21) EP10745059.5
(47) 23.01.2019
(87) US2010044659
24.02.2011
(22) 06.08.2010
(54) CELLULOSIC COMPOSITE
- (73) Johns Manville
- (72) SHOOSHTARI, Kiarash, Alavi
MIELE, Philip, Francis
ASRAR, Jawed
- (31) 543574
(32) 19.08.2009
(33) United States of America
-
- (51) D04H 1/76
B01D 39/16
- (11) EP2971319
(21) EP14764707.7
(47) 30.01.2019
(87) CA2014000226
18.09.2014
(22) 13.03.2014
(54) PROCESS FOR FORMING A THREE-
DIMENSIONAL NON-WOVEN
STRUCTURE
- (73) 2266170 Ontario, Inc.
- (72) FU, Yucheng
TROMBETTA, Liberatore A.
- (31) 201361778860 P
(32) 13.03.2013
(33) United States of America
-
- (51) D04H 3/04
B29B 15/12
B29C 70/20
D04H 3/12
D06M 23/00
- (11) EP3000922
(21) EP15186472.5
- (47) 30.01.2019
(22) 23.09.2015
(54) PRINTING PATTERNS ONTO
COMPOSITE LAMINATES
- (73) The Boeing Company
- (72) MEURE, Samuel J
HOWE, Christopher A
- (31) 201414493364
(32) 23.09.2014
(33) United States of America
-
- (51) D04H 3/14
A41D 31/00
A41D 31/02
A61F 13/15
A61F 13/49
A61F 13/511
A61F 13/514
D01F 8/04
D01F 8/06
D04H 3/00
D01D 5/24
D04H 13/00
- (11) EP2216435
(21) EP08848662.6
(47) 23.01.2019
(87) JP2008070561
22.05.2009
(22) 12.11.2008
(54) LONG-FIBER NONWOVEN FABRIC
MADE OF ECCENTRIC HOLLOW
COMPOSITE LONG FIBER, AND USE
THEREOF
- (73) Mitsui Chemicals, Inc.
(72) MATSUBARA, Akio
SUZUKI, Kenichi
MOTOMURA, Shigeyuki
- (31) 2007293764
(32) 12.11.2007
(33) Japan
-
- (51) D06F 33/02
D06F 35/00
D06F 39/08
A47L 15/42
- (11) EP2305872
(21) EP09742819.7
(47) 23.01.2019
(87) KR2009002341
12.11.2009
(22) 02.05.2009
(54) RESIDUAL-WATER DISCHARGE
CONTROL METHOD FOR A WASHING
MACHINE
- (73) Daewoo Electronics Corporation
- (72) KIM, Jae Bang
- (31) 20080041811
(32) 06.05.2008
(33) Korea (Republic)
-
- (51) D06F 33/02
D06F 39/00
D06F 29/00
- (11) EP3231919
(21) EP15866560.4
(47) 30.01.2019
(87) CN2015088592
16.06.2016
(22) 31.08.2015
- (54) WATER REUSE CONTROL METHOD
IN MULTIPLE-DRUMS WASHING
MACHINE
- (73) Qingdao Haier Drum Washing Machine Co.,
Ltd.
- (72) LI, Wenwei
WU, Jun
CAI, Rongshuai
WANG, Haibo
JIANG, Wenfeng
- (31) 201410772399
201410772932
(32) 12.12.2014
12.12.2014
(33) China
China
-
- (51) D06F 33/02
D06F 39/08
D06F 35/00
D06F 39/06
- (11) EP3219841
(21) EP17156920.5
(47) 23.01.2019
(22) 20.02.2017
(54) METHOD FOR OPERATING A WATER-
CONDUCTING DOMESTIC APPLIANCE
WITH IMPROVED PUMP OPERATION
- (73) BSH Hausgeräte GmbH
- (72) Mischke, Dirk
Römer, Raymond
Skrippek, Jörg
- (31) 102016204347
(32) 16.03.2016
(33) Germany
-
- (51) D06F 39/02
A47L 15/44
- (11) EP3305970
(21) EP17194664.3
(47) 30.01.2019
(22) 04.10.2017
(54) METERING DEVICE
- (73) Miele & Cie. KG
- (72) Hils, Fabian
Wegener, Dirk
- (31) 102016118922
102016118930
102016118946
102016122242
(32) 06.10.2016
06.10.2016
06.10.2016
18.11.2016
(33) Germany
Germany
Germany
Germany
-
- (51) D06F 58/10
D06F 25/00
- (11) EP2389475
(21) EP09835244.6
(47) 30.01.2019
(87) KR2009007661
01.07.2010
(22) 22.12.2009
(54) FABRIC TREATING APPARATUS
- (73) LG Electronics Inc.
- (72) KIM, Sung Min
KIM, Dong Won

KIM, Jong Seok	MESH SIEVE USED THEREIN AND	D06N 7/00
PARK, Dae Yun	PROCESS FOR THE MANUFACTURE OF	D06M 23/12
(31) 20080131733	THE MESH SIEVE	(11) EP3263762
(32) 22.12.2008	(73) BSH Hausgeräte GmbH	(21) EP17178007.5
(33) Korea (Republic)	BSH Electrodomésticos España, S.A.	(47) 23.01.2019
(51) D06F 58/20	(72) Artal Lahoz, María Carmen	(22) 27.06.2017
D06F 58/28	Bömmels, Ralf	(54) FUNCTIONALIZED CARPET AND
D06F 39/00	Escartín Barduzal, Andrés	METHOD FOR MAKING THE CARPET
D06F 39/08	Hennig, Holger	(73) ALMA SPA
D06F 33/02	Martin, Lorena	(72) RANALDO, Marco Angelo
(11) EP3000927	Martinez Solanas, Elena	(31) UA20164689
(21) EP15185130.0	Tejedor Recio, Leyre	(32) 27.06.2016
(47) 30.01.2019	Urrutia Angos, David	(33) Italy
(22) 14.09.2015	(51) D06G 3/02	(51) D21C 3/00
(54) STEAM GENERATOR AND LAUNDRY	D05B 23/00	(11) EP3268534
TREATMENT APPARATUS INCLUDING	D06C 5/00	(21) EP16714634.9
THE SAME	(11) EP2909370	(47) 23.01.2019
(73) LG Electronics Inc.	(21) EP13805562.9	(87) US2016021921
(72) LYU, Hyunkwan	(47) 23.01.2019	15.09.2016
SONG, Sungho	(87) IB2013059237	(22) 11.03.2016
YE, Sungmin	24.04.2014	(54) PROCESSES AND SYSTEMS FOR THE
(31) 20140130033	(22) 09.10.2013	PULPING OF LIGNOCELLULOSIC
(32) 29.09.2014	(54) A METHOD AND APPARATUS FOR	MATERIALS
(33) Korea (Republic)	LOADING AND TRANSFERRING	(73) Andritz, Inc.
(51) D06F 58/22	TUBULAR TEXTILE PRODUCTS	(72) LUUKKONEN, Antti
D06F 58/24	(73) SANTONI S.p.A.	RADHUBER, Christian
(11) EP3135804	(72) LONATI, Tiberio	(31) 201562131319 P
(21) EP16182038.6	(31) MI20121775	(32) 11.03.2015
(47) 23.01.2019	(32) 19.10.2012	(33) United States of America
(22) 29.07.2016	(33) Italy	(51) D21C 3/24
(54) LAUNDRY DRYING DEVICE WITH	(51) D06M 16/00	D21C 3/02
A DOOR LINT FILTER SEAT AND	D06P 1/34	D21C 7/14
METHOD FOR PRODUCING THE SAME	A61Q 5/06	D21C 9/02
(73) BSH Hausgeräte GmbH	D06P 5/15	D21C 11/00
(72) Bömmels, Ralf	D06P 5/20	(11) EP3215672
Despang, Oliver	D06M 10/02	(21) EP15857624.9
Hennig, Holger	D06P 5/22	(47) 23.01.2019
Schubert, Martin	D06M 11/34	(87) SE2015051161
Thümmler, Andreas	A23L 5/43	12.05.2016
(31) 102015216437	A23L 29/00	(22) 04.11.2015
(32) 27.08.2015	A61K 8/97	(54) METHOD FOR OPERATING A TWO
(33) Germany	A61Q 19/04	VESSEL DIGESTER SYSTEM
(51) D06F 58/28	A61Q 5/10	(73) Valmet AB
D06F 58/20	A61K 8/66	(72) WILGOTSON, Fredrik
(11) EP2497856	(11) EP2708641	HÄGGLUND, Magnus
(21) EP11194402.1	(21) EP12731686.7	OLSSON, Krister
(47) 23.01.2019	(47) 23.01.2019	(31) 1451340
(22) 19.12.2011	(87) IB2012052395	(32) 07.11.2014
(54) A machine for drying laundry for domestic	15.11.2012	(33) Sweden
use	(22) 14.05.2012	(51) D21C 11/12
(73) Whirlpool EMEA S.p.A	(54) METHOD FOR COLORING MATERIALS	(11) EP2850245
(72) Bombardieri, Giovanni	WITH NATURAL COLORANTS AND ITS	(21) EP13748079.4
Marinozzi, Sandra	ARTICLES	(47) 23.01.2019
Luciani, Luciano	(73) Tintex - Textiles, S.A.	(87) FI2013050534
Colucci, Nicola	(72) DOS SANTOS MARINHO DA SILVA,	21.11.2013
Potena, Giuseppina Pia	Carla Joana	(22) 16.05.2013
Liberatore, Aldo	DA ROCHA CARDOSO, Ana Patrícia	(54) RECOVERY BOILER PLANT OF A
(31) TO20101022	ANTUNES BARROS, Alexandre António	CHEMICAL PULP MILL
(32) 20.12.2010	MACHADO, Maria José	(73) Andritz Oy
(33) Italy	DO CARMO CRISPIM RIBEIRO, Luís	(72) HEINOLA, Ari
(51) D06F 75/22	Filipe	RIIKONEN, Veli
D06F 58/22	TARRIO AGREIRO BEZERRA, Rodrigo	(31) 20125529
(11) EP3243954	José	(32) 16.05.2012
(21) EP16382210.9	MONTEIRO RODRIGUES, António José	(33) Finland
(47) 30.01.2019	(31) 2011105698	(51) D21F 1/10
(22) 11.05.2016	(32) 12.05.2011	B65G 15/30
(54) HOUSEHOLD APPLIANCE WITH A	(33) Portugal	D21F 7/08
FUNCTIONALLY COATED MESH SIEVE,	(51) D06N 3/00	F16G 3/02

D21F 1/00	(87) US2007010396	(54) SECURITY SHEET RESISTANT TO
B32B 3/26	15.11.2007	CRUMPLING AND HARD CREASING
D04H 13/00	(22) 30.04.2007	(73) Oberthur Fiduciaire SAS
(11) EP3077594	(54) METHOD AND APPARATUS FOR	(72) SARRAZIN, Pierre
(21) EP14867496.3	ACHIEVING A FAST CROSS DIRECTION	(31) 1457239
(47) 30.01.2019	CALIPER CONTROL RECOVERY TIME	(32) 25.07.2014
(87) CA2014000866	(73) ABB Ltd.	(33) France
11.06.2015	(72) TRAN, Peter, Quang	(51) D21H 17/37
(22) 05.12.2014	MAST, Timothy, Andrew	D21H 17/38
(54) NON- WOVEN DOUBLE LAYER	(31) 414922	D21H 21/20
INDUSTRIAL TEXTILE ASSEMBLED	(32) 01.05.2006	D21H 21/18
FROM FOLDED PANELS	(33) United States of America	C08L 33/26
(73) AstenJohnson, Inc.	(51) D21H 11/12	C08F 8/28
(72) MANNINEN, Allan, R.	B41M 3/00	C08F 20/56
(31) 2835951	D21H 19/38	C08F 265/10
(32) 06.12.2013	D21H 19/58	C08K 5/07
(33) Canada	D21H 19/60	D21H 23/08
(51) D21F 1/32	H05K 1/03	(11) EP3317457
D21F 7/12	(11) EP3060719	(21) EP16733941.5
(11) EP3266932	(21) EP14786919.2	(47) 30.01.2019
(21) EP17177409.4	(47) 30.01.2019	(87) EP2016065083
(47) 30.01.2019	(87) EP2014072575	12.01.2017
(22) 22.06.2017	30.04.2015	(22) 29.06.2016
(54) SUCTION DEVICE FOR AN APPARATUS	(22) 21.10.2014	(54) METHOD FOR PRODUCING
FOR CLEANING A FELT IN A MACHINE	(54) PAPER ESPECIALLY FOR PRINTING AN	POLYACRYLAMIDE COMPOSITION
FOR MANUFACTURING A PAPER WEB	ELECTROCONDUCTIVE LAYER	(73) Kemira OYJ
(73) Bartelmuss, Klaus	(73) Arjo Wiggins Fine Papers Limited	(72) ROSENCRANCE, Scott
(72) Bartelmuss, Klaus	(72) DEPRES, Gaël	LU, Chen
(31) 3202016	(31) 1360249	(31) 20155523
(32) 07.07.2016	(32) 21.10.2013	(32) 03.07.2015
(33) Austria	(33) France	(33) Finland
(51) D21F 1/34	(51) D21H 11/18	(51) D21H 17/67
D06C 7/02	B01D 69/12	C08L 1/28
(11) EP3033453	B01D 71/10	D21H 17/29
(21) EP14793627.2	B32B 5/24	D21H 17/37
(47) 30.01.2019	C12M 1/00	D21H 17/45
(87) IN2014000525	C12M 3/00	D21H 17/66
19.02.2015	D21H 17/07	D21H 17/68
(22) 13.08.2014	F28F 3/00	D21H 17/26
(54) FLUID TREATMENT UNIT FOR	D21H 21/52	D21H 17/56
FABRICS OR CELLULOSIC MATERIAL	D21H 17/46	(11) EP2362016
AS WELL AS FLUID TREATMENT	D21H 19/24	(21) EP11164265.8
METHOD	D21H 19/34	(47) 30.01.2019
(73) Inspiron Engineering Private Limited	(11) EP3023542	(22) 14.07.2008
(72) FREIBERG, Helge	(21) EP14825929.4	(54) Filler composition
PRAMODKUMAR, Durlabhbai Mistry	(47) 30.01.2019	(73) Akzo Nobel Chemicals International B.V.
(31) 2686MU2013	(87) JP2014069248	(72) Simonson, Patrik
(32) 16.08.2013	22.01.2015	Persson, Michael
(33) India	(22) 18.07.2014	(31) 07112507
(51) D21F 5/00	(54) FINE CELLULOSE FIBER SHEET	949923 P
D21G 3/00	(73) ASAHI KASEI KABUSHIKI KAISHA	(32) 16.07.2007
D21G 9/00	(72) KAWAHARA, Kazufumi	16.07.2007
D21G 5/00	SATO, Daisuke	(33) European Patent Office (EPO)
(11) EP3305980	ONO, Hirofumi	United States of America
(21) EP16192354.5	SAITO, Yamato	(51) D21H 19/00
(47) 30.01.2019	(31) 2013150999	D21H 19/44
(22) 05.10.2016	(32) 19.07.2013	D21H 19/52
(54) A SYSTEM AND A METHOD FOR	(33) Japan	D21H 19/54
COLLECTING AND HANDLING DUST IN	(51) D21H 17/34	D21H 23/32
A PAPER-MAKING ENVIRONMENT	D21H 21/06	D21H 23/40
(73) Valmet S.p.A.	D21H 21/18	B41M 5/337
(72) CANDUTTI, Massimiliano	D21H 21/40	B41M 5/44
(51) D21F 7/06	(11) EP3172379	D21H 19/38
D21G 1/00	(21) EP15741536.5	D21H 19/46
D21G 9/00	(47) 30.01.2019	D21H 19/58
(11) EP2018452	(87) EP2015066668	D21H 19/56
(21) EP07776464.5	28.01.2016	(11) EP3155169
(47) 23.01.2019	(22) 21.07.2015	(21) EP15728833.3

(47) 30.01.2019	(47) 30.01.2019	(22) 07.09.2015
(87) EP2015062874	(87) EP2016062732	(54) WELDING UNIT
17.12.2015	08.12.2016	(73) Plasser & Theurer Export von
(22) 10.06.2015	(22) 03.06.2016	Bahnbaumaschinen Gesellschaft m.b.H.
(54) CF PAPER	(54) FIBROUS SUPPORT MATERIAL	(72) MÜHLEITNER, Heinz
(73) Papierfabrik August Koehler SE	FOR THE PRODUCTION OF A	(31) 7382014
(72) JURISCH, Claus	POROUS COVERING RAW PAPER OR	(32) 01.10.2014
KÜHNE, Lutz	PREIMPREGNATE, AND PROCESS FOR	(33) Austria
(31) 102014108341	ITS MANUFACTURE	<hr/>
(32) 13.06.2014	(73) Schattdecor AG	(51) E01B 33/02
(33) Germany	Factum Consult GmbH	E01B 35/06
<hr/>	(72) WALESCH, Dieter	(11) EP3205771
(51) D21H 21/32	ZIMMERMANN, Tanja	(21) EP17155780.4
D21C 9/10	SIQUEIRA, Gilberto	(47) 30.01.2019
D21C 9/153	JOSSET, Sebastien	(22) 13.02.2017
D21H 11/04	(31) 15170612	(54) METHOD FOR DETERMINING
D21H 11/16	(32) 03.06.2015	SHIFTING OF A RAIL OF A RAILWAY
D21C 9/147	(33) European Patent Office (EPO)	TRACK IN ABSOLUTE DOMAIN
D21H 13/08	<hr/>	(73) LEYFA Measurement
D21H 21/24	(51) E01B 3/46	(72) LEYMARIE, Alban
(11) EP2839071	E02D 5/60	FAURE, Julien
(21) EP13717398.5	(11) EP2877635	(31) 1651177
(47) 23.01.2019	(21) EP13814979.4	(32) 12.02.2016
(87) US2013035494	(47) 30.01.2019	(33) France
24.10.2013	(87) EP2013077966	<hr/>
(22) 05.04.2013	02.04.2015	(51) E01C 23/12
(54) THE USE OF SURFACTANT TO	(22) 24.12.2013	E01C 23/085
TREAT PULP AND IMPROVE THE	(54) STRUCTURAL COMPONENT	E21C 35/19
INCORPORATION OF KRAFT PULP	(73) Wagner, Grigorij	(11) EP3012372
INTO FIBER FOR THE PRODUCTION	(72) Wagner, Grigorij	(21) EP14814146.8
OF VISCOSE AND OTHER SECONDARY	(31) 13186089	(47) 30.01.2019
FIBER PRODUCTS	(32) 26.09.2013	(87) CN2014080449
(73) GP Cellulose GmbH	(33) European Patent Office (EPO)	24.12.2014
(72) NONNI, Arthur, James	<hr/>	(22) 20.06.2014
COURCHENE, Charles, Edward	(51) E01B 9/30	(54) CUTTER TOOTH HOLDER
SLONE, Christopher, Michael	(11) EP3283688	(73) Everpads Co., Ltd.
CAMPBELL, Philip, Reed	(21) EP16731366.7	(72) CHIANG, Chun-Li
DOWDLE, Steven, Chad	(47) 30.01.2019	(31) 201320360193 U
ENGLE, Joel, Mark	(87) NL2016050257	(32) 21.06.2013
(31) 201261635185 P	20.10.2016	(33) China
(32) 18.04.2012	(22) 13.04.2016	<hr/>
(33) United States of America	(54) RAILWAY	(51) E01F 9/615
<hr/>	(73) Koninklijke BAM Groep N.V.	E01F 9/669
(51) D21H 27/00	Movares Nederland B.V.	(11) EP3092343
A24D 1/02	(72) VAN DEN BRUINHORST, Jacob	(21) EP14787056.2
D21H 15/02	BOS, Jelte Annee	(47) 30.01.2019
D21H 17/67	JANSEN, Jozef Aloysius Maria	(87) IB2014064551
D21H 23/22	(31) 2014640	30.04.2015
D21H 21/40	(32) 14.04.2015	(22) 16.09.2014
D21H 17/14	(33) Netherlands	(54) ROAD SAFETY DEVICE
D21H 27/10	<hr/>	(73) Pauwels, Donat
(11) EP3298198	(51) E01B 29/20	(72) Pauwels, Donat
(21) EP16722623.2	E01B 29/46	(31) 201318646
(47) 30.01.2019	(11) EP3138959	(32) 22.10.2013
(87) EP2016060215	(21) EP16001724.0	(33) United Kingdom
24.11.2016	(47) 23.01.2019	<hr/>
(22) 06.05.2016	(22) 03.08.2016	(51) E01F 15/04
(54) WRAPPING PAPER HAVING	(54) RAIL PULLING DEVICE	E01F 15/14
TRANSPARENT REGIONS	(73) Robel Bahnbaumaschinen GmbH	(11) EP2006451
(73) delfortgroup AG	(72) Hechenberger, Peter	(21) EP08014197.1
(72) ZITTURI, Roland	(31) 202015006320 U	(47) 23.01.2019
VOLGGER, Dietmar	(32) 05.09.2015	(22) 22.09.2004
(31) 102015107829	(33) Germany	(54) Guardrail
(32) 19.05.2015	<hr/>	(73) VALMONT HIGHWAY TECHNOLOGY
(33) Germany	(51) E01B 29/46	LIMITED
<hr/>	B23K 37/04	(72) Dallas, James
(51) D21H 27/26	E01B 11/44	(31) 52839603
D21H 11/18	(11) EP3201395	53482604
D21H 17/67	(21) EP15762921.3	(32) 22.09.2003
(11) EP3303701	(47) 30.01.2019	20.08.2004
(21) EP16730730.5	(87) EP2015001796	(33) New Zealand
	07.04.2016	

New Zealand	(72) PANSCH, Andreas	(54) PERIPHERY MONITORING DEVICE FOR WORK MACHINE
(51) E01F 15/08	(31) 102015011264	(73) Hitachi Construction Machinery Co., Ltd.
(11) EP3201397	(32) 27.08.2015	(72) OOTA, Moritaka
(21) EP15774700.7	(33) Germany	KOWATARI, Yoichi
(47) 30.01.2019	(51) E02F 3/88	INANOBE, Yoshihiro
(87) IB2015056398	(11) EP3283695	(31) 2014045075
07.04.2016	(21) EP16717865.6	(32) 07.03.2014
(22) 24.08.2015	(47) 30.01.2019	(33) Japan
(54) TRAFFIC GUIDE WALL	(87) EP2016057710	(51) E02F 9/28
(73) Heinz Schnorpfeil Bau Gmbh	20.10.2016	(11) EP3024987
(72) TIEMANN, Andreas	(22) 08.04.2016	(21) EP14739482.9
(31) 102014114199	(54) SUCTION EXCAVATOR WITH FLOW REVERSAL AND METHOD FOR CONTROLLING SAME	(47) 30.01.2019
(32) 30.09.2014	(73) RSP GMBH	(87) EP2014065387
(33) Germany	(72) RENGHER, Marina	29.01.2015
(51) E01F 15/14	RENGHER, Karl-Heinz	(22) 17.07.2014
(11) EP3181758	GRABER, Jens	(54) MALE AND FEMALE PARTS FOR A WEAR ASSEMBLY OF AN EARTH-MOVING MACHINE'S BUCKET
(21) EP16159630.9	(31) 102015105836	(73) Metalogenia Research & Technologies S.L.
(47) 23.01.2019	(32) 16.04.2015	(72) TUTÓ FAJA, Joan
(22) 10.03.2016	(33) Germany	ORTIZ GRACIA, Justo Jesús
(54) CRASH ABSORBING GUARDRAIL PANEL ASSEMBLY	(51) E02F 9/16	TRIGINER BOIXEDA, Jorge
(73) Lindsay Transportation Solutions, Inc	(11) EP2647771	(31) 13382295
(72) Anghileri, Marco	(21) EP11845880.1	(32) 22.07.2013
Di Giacomo, Valeria	(47) 23.01.2019	(33) European Patent Office (EPO)
(31) 201514972422	(87) JP2011074132	(51) E03B 9/20
(32) 17.12.2015	07.06.2012	E03C 1/084
(33) United States of America	(22) 20.10.2011	E03C 1/086
(51) E01H 1/04	(54) CONSTRUCTION MACHINE	E03C 1/04
A47L 11/40	(73) Hitachi Construction Machinery Tierra Co., Ltd.	(11) EP3351693
(11) EP3283692	(72) KIMURA, Shogo	(21) EP17001847.7
(21) EP16717462.2	TANAKA, Tomoyuki	(47) 30.01.2019
(47) 30.01.2019	TABETA, Hiroshi	(22) 10.11.2017
(87) IB2016051128	ISHII, Hajime	(54) SANITARY OUTLET PART AND CORRESPONDING USE
20.10.2016	(31) 2010265080	(73) Neoperl GmbH
(22) 01.03.2016	(32) 29.11.2010	(72) Kiefer, Thomas
(54) APPARATUS FOR COLLECTING GARBAGE AND DEBRIS FOR A MOTOR-SWEEPER	(33) Japan	Steinbrunner, Michael
(73) Nilfisk A/S	(51) E02F 9/22	(31) 202017100277 U
(72) VETRUCCI, Giancarlo	F15B 1/027	(32) 19.01.2017
COLLETTI, Alfonso	E02F 9/20	(33) Germany
(31) PN20150007	G05D 16/08	(51) E03F 5/04
(32) 16.04.2015	B62D 5/065	E03C 1/20
(33) Italy	B62D 5/07	E04F 21/00
(51) E01H 1/05	F15B 11/16	(11) EP2472015
E01H 1/08	(11) EP2514880	(21) EP11192351.2
(11) EP2463441	(21) EP10837778.9	(47) 30.01.2019
(21) EP11193301.6	(47) 23.01.2019	(22) 07.12.2011
(47) 30.01.2019	(87) KR2010007709	(54) DRAIN WITH UNIDIRECTIONAL DRAINAGE
(22) 13.12.2011	23.06.2011	(73) Easy Sanitary Solutions B.V.
(54) Dust control system	(22) 03.11.2010	(72) Keizers, Jurgen Hendrik Peter Joseph
(73) Holms Industri AB	(54) HYDRAULIC SYSTEM FOR CONSTRUCTION MACHINERY	(31) 2005949
(72) Hjalmarsson, Magnus	(73) Doosan Infracore Co., Ltd.	(32) 04.01.2011
(31) 1051310	(72) KIM, Jeung Hwa	(33) Netherlands
(32) 13.12.2010	(31) 20090126081	(51) E04B 1/14
(33) Sweden	(32) 17.12.2009	E04B 5/23
(51) E02B 1/02	(33) Korea (Republic)	E04B 5/17
A01K 61/54	(51) E02F 9/26	E04B 1/04
(11) EP3341525	H04N 7/18	E04B 1/16
(21) EP16754169.7	B60R 1/00	(11) EP3293318
(47) 30.01.2019	(11) EP3116223	(21) EP16188541.3
(87) DE2016000270	(21) EP15758449.1	(47) 23.01.2019
02.03.2017	(47) 30.01.2019	(22) 13.09.2016
(22) 09.07.2016	(87) JP2015055668	(54) COMPOSITE WOOD-CONCRETE STRUCTURES
(54) DEVICE FOR SIMULATING EBB AND FLOW	11.09.2015	(73) Atlante Developpement Sarl
(73) ALFRED-WEGENER-INSTITUT	(22) 26.02.2015	

(72) Ghelfi, Jean-Jacques Polge De Combret, Benoît	(47) 23.01.2019 (87) AU2007000096 09.08.2007	(11) EP3303721 (21) EP16729224.2 (47) 23.01.2019
(51) E04B 1/348	(22) 01.02.2007	(87) EP2016062805 08.12.2016
A01G 9/16	(54) EXPRESSED JOINT FACADE SYSTEM	(22) 06.06.2016
A01G 31/06	(73) James Hardie Technology Limited	(54) REDUCING INTERNAL STRESSES IN CERAMIC MATERIALS
A47L 7/00	(72) GLEESON, James	(73) Cosentino Research & Development, S.L.
E06B 9/68	(72) JENSEN, Jesper, G.	(72) BENITO LÓPEZ, José Manuel
B62D 33/02	(31) 2006900528	(31) 201530796
B65G 57/03	(32) 03.02.2006	(32) 05.06.2015
B65D 63/00	(33) Australia	(33) Spain
B65G 67/02	(51) E04B 1/68	(51) E04D 13/03
B65G 1/04	E06B 1/62	(11) EP3284875
B65G 1/06	(11) EP2297411	(21) EP17186670.0
B65G 1/137	(21) EP09745644.6	(47) 30.01.2019
B65G 63/00	(47) 23.01.2019	(22) 17.08.2017
(11) EP3283712	(87) EP2009054655	(54) ARCHED ROOF DEVICE AND METHOD FOR PLACING THEREOF
(21) EP16720055.9	(22) 20.04.2009	(73) Glorieux, Jean Marc Gilles
(47) 30.01.2019	(54) FOAM SEALING STRIP	(72) Glorieux, Jean Marc Gilles
(87) EP2016058378	(73) tremco illbruck GmbH	(31) 201605646
20.10.2016	(72) WÖRMANN, Frank	(32) 19.08.2016
(22) 15.04.2016	KOMMA, Markus	(33) Belgium
(54) ROBOTIC PARKING DEVICE AND HANDLING METHOD	KÖPPL, Alfred	(51) E04D 13/147
(73) Ocado Innovation Limited	NAUCK, Helmar	E04D 1/30
(72) LINDBO, Lars, Sverker, Ture, INGRAM-TEDD, Andrew, John, KAROLINCZAK, Pawel	BIRKELBACH, Jörg	B29C 45/14
WHELAN, Matthew	(31) 102008023375	B29L 31/10
(31) 201506365	102008055505	(11) EP1960616
201514428	102009013107	(21) EP06831714.8
201518089	(32) 13.05.2008	(47) 30.01.2019
201518091	10.12.2008	(87) IB2006003612
201518094	13.03.2009	21.06.2007
201518111	(33) Germany	(22) 13.12.2006
201518115	Germany	(54) ROOFING PLATE WITH EAVE-SIDED PLASTIC STRIP
201518117	(51) E04B 2/74	(73) Ergo GmbH
201602332	(11) EP3242981	(72) GOTTLER, Erich
201603328	(21) EP15817148.8	(31) 20012005
(32) 15.04.2015	(47) 30.01.2019	(32) 15.12.2005
13.08.2015	(87) EP2015079664	(33) Austria
13.10.2015	14.07.2016	(51) E04F 11/18
13.10.2015	(22) 14.12.2015	E04B 1/00
13.10.2015	(54) QUICK CONSTRUCTION WALL	F24S 50/20
13.10.2015	(73) Syma Intercontinental AG	(11) EP2481866
13.10.2015	(72) ZÜLLIG, Kurt	(21) EP10818977.0
09.02.2016	(31) 15150650	(47) 30.01.2019
25.02.2016	(32) 09.01.2015	(87) KR2010005991
(33) United Kingdom	(33) European Patent Office (EPO)	31.03.2011
United Kingdom	(51) E04B 9/06	(22) 03.09.2010
United Kingdom	E04B 9/08	(54) PHOTOVOLTAIC MODULE ATTACHED TO GUARDRAIL
United Kingdom	E04B 9/12	(73) LG Hausys, Ltd.
United Kingdom	(11) EP2957687	(72) CHOI, Chul June
United Kingdom	(21) EP15173993.5	NO, Dong Hun
United Kingdom	(47) 30.01.2019	CHO, Hyun Young
United Kingdom	(22) 28.10.2011	(31) 20090090192
United Kingdom	(54) METAL SUPPORTING FRAME FOR CEILING	20100043941
United Kingdom	(73) Plafometal	(32) 23.09.2009
United Kingdom	(72) Lillette, Matthieu	11.05.2010
(51) E04B 1/61	Riggi, Philippe	(33) Korea (Republic)
E04D 3/361	Turot, Xavier	Korea (Republic)
F16B 5/00	(31) 1004283	(51) E04F 11/18
E04B 2/96	(32) 29.10.2010	E04B 1/41
E04F 13/07	(33) France	E04D 13/15
E04D 3/36	(51) E04C 2/04	(11) EP2743425
E04G 23/02	B28B 3/00	(21) EP12197486.9
E04B 2/70	C04B 33/04	
(11) EP1979554	C04B 35/19	
(21) EP07701429.8		

(47) 23.01.2019	0300271	(72) BERNARD, Gilles
(22) 17.12.2012	(32) 03.04.2002	SIMON, Pascal
(54) Profile assembly for attachment to a building part	31.01.2003	(31) 0608435
(73) Vollmayer, Robert	(33) Sweden	(32) 26.09.2006
(72) Vollmayer, Robert	Sweden	(33) France
(51) E04F 13/06	(51) E04F 19/06	(51) E04H 5/12
(11) EP2746487	(11) EP2426291	(11) EP2235300
(21) EP13194639.4	(21) EP11005842.7	(21) EP08867484.1
(47) 23.01.2019	(47) 23.01.2019	(47) 30.01.2019
(22) 27.11.2013	(22) 16.07.2011	(87) US2008086230
(54) Angle profile	(54) Three-part universal section	09.07.2009
(73) Protektorwerk Florenz Maisch GmbH & Co. KG	(73) Temian, Anca	(22) 10.12.2008
(72) Willerscheid, Heiner	(72) Temian, Michael	(54) AIR GUIDE FOR AIR COOLED CONDENSER
(31) 102012224309	(31) 202010011287 U	(73) SPX Dry Cooling USA LLC
(32) 21.12.2012	(32) 11.08.2010	(72) YANG, Jidong
(33) Germany	(33) Germany	BRENNEKE, Glenn S.
(51) E04F 13/08	(51) E04G 1/15	MOCKRY, Eldon F.
E04F 13/14	E04G 1/20	(31) 966777
C04B 28/02	E04G 5/08	(32) 28.12.2007
C04B 111/00	E04G 7/28	(33) United States of America
E04C 2/288	E04G 5/00	(51) E04H 6/22
(11) EP2789765	(11) EP3317475	(11) EP2584120
(21) EP14163653.0	(21) EP16729267.1	(21) EP12189115.4
(47) 30.01.2019	(47) 30.01.2019	(47) 23.01.2019
(22) 07.04.2014	(87) EP2016063814	(22) 18.10.2012
(54) Stone panel formed unitary with insulation material for covering a wall and method for manufacturing it	05.01.2017	(54) Drive units for movable platforms for automated parking systems
(73) LG Hausys, Ltd.	(22) 16.06.2016	(73) Von Mehlem, Luigi Filippo
(72) Ko, Hae Seung	(54) SCAFFOLD PART AND SCAFFOLD HAVING SUCH A SCAFFOLD PART	(72) von Mehlem, Luigi Filippo
(31) 20130037930	(73) Peri GmbH	Capobianco, Giulio
(32) 08.04.2013	(72) MIKIC, Erzad	(31) PN20110070
(33) Korea (Republic)	(31) 102015212384	(32) 20.10.2011
(51) E04F 13/08	(32) 02.07.2015	(33) Italy
E04F 15/18	(33) Germany	(51) E04H 17/16
E04F 15/02	(51) E04G 3/24	(11) EP3162985
F24D 3/14	G21C 13/02	(21) EP16195866.5
F24D 3/16	G21C 17/00	(47) 23.01.2019
E04C 2/52	G21C 19/00	(22) 26.10.2016
E04C 2/32	G21D 1/02	(54) CLOSURE MADE UP OF SHEET-METAL PANELS MOUNTED BETWEEN POSTS
F24D 5/10	E04G 3/26	(73) Etablissements René Bosmy Société Normande de Clotures
(11) EP2956599	E04G 3/28	(72) CORVAISIER, Yannick
(21) EP14706771.4	G21C 19/02	(31) 1560475
(47) 30.01.2019	E04G 21/12	(32) 02.11.2015
(87) DE2014100034	(11) EP3265626	(33) France
21.08.2014	(21) EP16714994.7	(51) E05B 1/00
(22) 05.02.2014	(47) 23.01.2019	E05C 3/04
(54) PLUG-IN SYSTEM FOR CLADDING A SURFACE OF AN OBJECT	(87) FR2016050476	E05B 13/00
(73) Ludwig, Thomas	09.09.2016	(11) EP2963208
(72) Ludwig, Thomas	(22) 02.03.2016	(21) EP15161835.2
(31) 102013002401	(54) PLATFORM AND METHOD FOR MODIFYING THE POSITION OF AT LEAST ONE LIFTING BEAM OF SUCH A PLATFORM	(47) 30.01.2019
(32) 13.02.2013	(73) X L B V	(22) 31.03.2015
(33) Germany	(72) NARDELLI, Alexandre	(54) LOCK FOR PORTABLE GENERATORS
(51) E04F 15/02	(31) 1551754	(73) Giussani Techniques S.p.A.
E04F 15/04	(32) 02.03.2015	(72) Pagnoncelli, Marco
B27M 3/04	(33) France	(31) MI20140212 U
B27F 5/02	(51) E04H 4/00	(32) 30.06.2014
(11) EP2281979	A63B 69/00	(33) Italy
(21) EP10182572.7	(11) EP3260630	(51) E05B 9/10
(47) 23.01.2019	(21) EP17183634.9	E05B 9/04
(22) 31.03.2003	(47) 30.01.2019	E05B 15/16
(54) Floorboard	(22) 26.09.2007	E05B 17/20
(73) Vålinge Innovation AB	(54) INSTALLATION FOR PRACTISING AQUATIC ACTIVITIES AND METHOD OF GENERATING A STANDING WAVE	(11) EP2466039
(72) Pervan, Darko	(73) Hydrostadium	(21) EP11194140.7
(31) 0201009		(47) 23.01.2019

(22) 16.12.2011	(54) LOCKING DEVICE COMPRISING	E05C 19/02
(54) Security device for lock cylinder	ROTATING LINKS AND GUIDE WITH	E05C 19/06
(73) Talleres De Escoriaza, S.A.	SLIDING ELEMENT	E05C 19/12
(72) Alcelay Bea, Jose	(73) Stendals EL AB	B64D 29/06
Munoz Laguardia, Ander	(72) STENDAL, Jan	E05B 63/00
(31) 201031871	(31) 1050624	E05B 51/02
201131640	(32) 17.06.2010	(11) EP3341544
(32) 17.12.2010	(33) Sweden	(21) EP16758072.9
13.10.2011	(51) E05B 65/08	(47) 30.01.2019
(33) Spain	E05B 65/44	(87) US2016048274
Spain	E05B 47/02	02.03.2017
(51) E05B 19/04	A47F 3/00	(22) 24.08.2016
G07C 9/00	E05B 47/00	(54) ADJUSTABLE PRESSURE RELIEF
E05B 19/24	E05C 7/00	LATCH
(11) EP3073031	(11) EP2840206	(73) Arconic Inc.
(21) EP16157151.8	(21) EP14180646.3	(72) DO, Thai
(47) 30.01.2019	(47) 30.01.2019	(31) 201562210135 P
(22) 24.02.2016	(22) 12.08.2014	(32) 26.08.2015
(54) PROFILE CYLINDER KEY	(54) Piece of furniture with sliding doors	(33) United States of America
(73) BKS GmbH	comprising a closing system for the sliding	(51) E05C 7/04
(72) Braam, Reinhold	doors	E05B 13/00
Pleitz, Friederich	(73) Gebr. Willach GmbH	E05B 17/20
(31) 102015205213	(72) Willach, Jens	(11) EP2666942
(32) 23.03.2015	Stommel, Wilfried	(21) EP13166619.0
(33) Germany	(31) 102013216360	(47) 23.01.2019
(51) E05B 19/26	(32) 19.08.2013	(22) 06.05.2013
E05B 47/00	(33) Germany	(54) CONNECTING ROD FITTING OF A SIDE
(11) EP3147432	(51) E05B 77/06	LEAF OF TWO-LEAFED WINDOWS OR
(21) EP15796959.3	E05B 85/16	DOORS
(47) 23.01.2019	(11) EP3138980	(73) Aug. Winkhaus GmbH & Co. KG
(87) CN2015000276	(21) EP15183509.7	(72) Niehues, Stefan
26.11.2015	(47) 30.01.2019	Thesing, Jochen
(22) 20.04.2015	(22) 02.09.2015	(31) 102012208843
(54) MAGNETIC UNLOCKING DEVICE AND	(54) SAFETY DEVICE FOR A VEHICLE	(32) 25.05.2012
MAGNETIC UNLOCKING STRUCTURE	DOOR HANDLE	(33) Germany
OF MAGNETIC CODING KEY	(73) U-Shin Italia S.p.A.	(51) E05C 9/06
(73) Li, Xin	(72) ILARDO, Simone	E05C 19/00
(72) Li, Xin	(51) E05B 83/10	E05C 9/24
(31) 201410218163	E05B 13/10	(11) EP2740865
(32) 22.05.2014	(11) EP3235978	(21) EP12008186.4
(33) China	(21) EP16425034.2	(47) 23.01.2019
(51) E05B 63/00	(47) 30.01.2019	(22) 07.12.2012
E05B 47/02	(22) 20.04.2016	(54) Locking strip fitting and locking strip
E05B 47/00	(54) RELEASE APPARATUS FOR VEHICLE	arrangement and correspondingly equipped
(11) EP3109383	DOORS	window or similar
(21) EP15173366.4	(73) Pastore & Lombardi S.p.A.	(73) Roto Frank AG
(47) 30.01.2019	(72) Hilbe, Luca	(72) Röder, Markus
(22) 23.06.2015	(51) E05B 85/16	Reich, Barbara
(54) ADJUSTABLE ELECTROMECHANICAL	B60J 5/04	Hanel, Dirk
LOCK	E05B 79/06	Mattausch, Jürgen
(73) DESI Alarm ve Güvenlik Sistemleri Sanayi	(11) EP3203003	Diem, Eike
ve Ticaret A.S.	(21) EP15845878.6	(51) E05F 1/00
(72) YANAR, Tuncay Erhan	(47) 30.01.2019	E05F 5/00
DOGAN, Ömer	(87) JP2015076864	E05F 15/60
(51) E05B 65/00	07.04.2016	B60J 5/06
E05C 7/06	(22) 24.09.2015	E05C 17/60
E05B 17/20	(54) VEHICLE DOOR HANDLE DEVICE	E05D 15/06
E05B 47/02	(73) Aisin Seiki Kabushiki Kaisha	(11) EP3161236
E05B 47/00	(72) NAGATA Koichi	(21) EP15760524.7
E05B 47/06	SAKAMOTO Mizuya	(47) 30.01.2019
(11) EP2582899	ARAKI Nobukazu	(87) TR2015000262
(21) EP11796065.8	SATO Katsuhiko	30.12.2015
(47) 30.01.2019	UETAKE Kota	(22) 25.06.2015
(87) SE2011050781	(31) 2014201013	(54) A SLIDING DOOR SYSTEM
22.12.2011	(32) 30.09.2014	(73) Tofas Turk Otomobil Fabrikasi Anonim
(22) 17.06.2011	(33) Japan	Sirketi
	(51) E05C 3/24	(72) POLAT, Sabri Erkan
		OZTURK, Ozgur

HARA, Deniz	(32) 30.07.2015	(33) United States of America
(31) 201407554	30.07.2015	(51) E06B 3/663
(32) 27.06.2014	19.08.2015	(11) EP3207202
(33) Turkey	(33) Korea (Republic)	(21) EP15778667.4
(51) E05F 5/02	Korea (Republic)	(47) 30.01.2019
(11) EP3084108	Korea (Republic)	(87) EP2015073536
(21) EP14790433.8	(51) E06B 1/70	21.04.2016
(47) 30.01.2019	E06B 7/14	(22) 12.10.2015
(87) US2014059391	E06B 7/26	(54) A PLASTIC SPACER COMPRISING
25.06.2015	(11) EP3258049	A LAYER WITH OVERLAPPING
(22) 07.10.2014	(21) EP17020206.3	SEGMENTS OF A SUBSTANTIALLY
(54) SELF-ADJUSTING SPACER DEVICE	(47) 23.01.2019	GAS-IMPERMEABLE MATERIAL
(73) Illinois Tool Works Inc.	(22) 11.05.2017	(73) ROLLTECH A/S
(72) YON, Fulvio Pacifico	(54) DEVICE FOR COVERING THE OUTER	(72) KNUDSEN, Lars
COCCOZ, Andrea	AREA OF THE LOWER LIMIT OF AN	PEDERSEN, Peter
(31) TO20131025	OPENING IN A BUILDING	(31) 14188807
(32) 16.12.2013	(73) Schwabbauer, Franz	(32) 14.10.2014
(33) Italy	(72) Schwabbauer, Franz	(33) European Patent Office (EPO)
(51) E05F 5/06	(31) 102016007242	(51) E06B 3/663
E05C 17/54	(32) 15.06.2016	E06B 3/66
(11) EP3279421	(33) Germany	(11) EP3230544
(21) EP17184024.2	(51) E06B 3/26	(21) EP15801874.7
(47) 23.01.2019	E06B 3/28	(47) 30.01.2019
(22) 31.07.2017	E06B 7/23	(87) EP2015078145
(54) DOOR STOPPER	(11) EP3243994	16.06.2016
(73) Wagner System GmbH	(21) EP17170267.3	(22) 01.12.2015
(72) Wagner, Ulrich	(47) 30.01.2019	(54) SPACER FOR INSULATING GLAZING
(31) 102016114503	(22) 09.05.2017	(73) Saint-Gobain Glass France
(32) 04.08.2016	(54) PRESS FIT STORM WINDOW SYSTEM	(72) KUSTER, Hans-Werner
(33) Germany	(73) R Value, Inc.	SCHREIBER, Walter
(51) E05F 15/00	(72) PARDUE, Samuel	MAURER, Marc
(11) EP2159361	PRATT, Mark	(31) 14196707
(21) EP09009927.6	RADFORD, Richard	(32) 08.12.2014
(47) 23.01.2019	STEVENS, Andrew	(33) European Patent Office (EPO)
(22) 31.07.2009	(31) 201615150191	(51) E06B 3/92
(54) Finger protection strip, in particular for	201715411577	E06B 3/46
outward swinging doors and sliding swinging	(32) 09.05.2016	B64D 11/02
doors	20.01.2017	(11) EP2774840
(73) GUMMI-WELZ GmbH u. Co. KG	(33) United States of America	(21) EP14155754.6
GUMMI-KUNSTSTOFFTECHNIK-	United States of America	(47) 30.01.2019
SCHAUMSTOFFE	(51) E06B 3/263	(22) 19.02.2014
(72) Grein, Horst	(11) EP2472044	(54) Sliding lavatory pocket door and method of
Fritsche, Wolfgang	(21) EP11195684.3	installation
Lameli, Volker	(47) 23.01.2019	(73) The Boeing Company
Kloo, Stefan	(22) 23.12.2011	(72) Curtis, Vicki Ann
(31) 202008011477 U	(54) Window and/or blind frame for a window,	Wang, Lingmiao
(32) 28.08.2008	door or similar	(31) 201313790915
(33) Germany	(73) SCHÜCO International KG	(32) 08.03.2013
(51) E05F 15/619	(72) Leistner, Andreas	(33) United States of America
F25D 23/02	(31) 202010013227 U	(51) E06B 9/262
(11) EP3165857	(32) 29.12.2010	E06B 9/34
(21) EP16801365.4	(33) Germany	(11) EP1664471
(47) 23.01.2019	(51) E06B 3/66	(21) EP04781807.5
(87) KR2016008418	(11) EP2231984	(47) 23.01.2019
02.02.2017	(21) EP08862066.1	(87) US2004027197
(22) 29.07.2016	(47) 23.01.2019	03.03.2005
(54) REFRIGERATOR	(87) US2008013268	(22) 20.08.2004
(73) LG Electronics Inc.	25.06.2009	(54) RETRACTABLE SHADE WITH
(72) CHANG, Jinho	(22) 02.12.2008	COLLAPSIBLE VANES
PARK, Hyungkyu	(54) LOCALIZED HEATING OF EDGE SEALS	(73) Hunter Douglas Inc.
KIM, Dongjeong	FOR A VACUUM INSULATING GLASS	(72) COLSON, Wendell B.
LEE, Changgeun	UNIT, AND/OR UNITIZED OVEN FOR	HARPER, Marjorie G.
LEE, Ayeong	ACCOMPLISHING THE SAME	FOGARTY, Daniel M.
LEE, Jungjae	(73) Guardian Glass, LLC	HARTMAN, David P.
SHIN, Jaehoon	(72) COOPER, David, J.	JELIC, Ralph G.
(31) 20150108162	(31) 663	KOPECKY, Kristi K.
20150108163	(32) 14.12.2007	(31) 497020 P
20150116622		(32) 20.08.2003

(33) United States of America	(54) METHOD AND ARRANGEMENT FOR DESIGNING DRILLING PLAN	(72) PAASONEN, Hannu
(51) E06B 9/68	(73) Sandvik Mining and Construction Oy	(51) E21B 10/50
(11) EP3219897	(72) MUONA, Jouko	E21B 10/54
(21) EP16160134.9	(31) 20115588	E21B 10/567
(47) 30.01.2019	(32) 14.06.2011	B24D 3/00
(22) 14.03.2016	(33) Finland	C04B 35/528
(54) A SCREENING DEVICE COMPRISING A CONFIGURABLE MOTOR DRIVE AND A METHOD FOR AUTOMATIC CONFIGURATION OF SUCH MOTOR DRIVES	(51) E21B 7/02	C04B 41/53
(73) VKR Holding A/S	E21B 44/00	(11) EP2564011
(72) NIELSEN, Martin Sandal	F42D 3/04	(21) EP11777951.2
(51) E06C 1/12	(11) EP2721241	(47) 23.01.2019
E06C 7/46	(21) EP12800750.7	(87) US2011034125
E06C 7/08	(47) 23.01.2019	10.11.2011
(11) EP2740879	(87) FI2012050606	(22) 27.04.2011
(21) EP14153035.2	20.12.2012	(54) METHODS OF FORMING POLYCRYSTALLINE COMPACTS
(47) 30.01.2019	(22) 14.06.2012	(73) Baker Hughes, a GE company, LLC
(22) 29.07.2009	(54) METHOD AND ARRANGEMENT FOR PREPARING A CHARGING PLAN	(72) DIGIOVANNI, Anthony, A.
(54) Extendable and retractable ladder	(73) Sandvik Mining and Construction Oy	(31) 328434 P
(73) Core Distribution Inc.	(72) MUONA, Jouko	(32) 27.04.2010
(72) Kiefer, Mitchell I	(31) 20115587	(33) United States of America
Caldwell, Allen A.	(32) 14.06.2011	(51) E21B 10/54
Schlueter, Nathan L.	(33) Finland	E21B 10/42
Decker, Matthew J.	(51) E21B 7/06	E21B 10/62
(31) 196556	E21B 47/024	C04B 35/52
(32) 22.08.2008	(11) EP2817473	C04B 37/02
(33) United States of America	(21) EP13752195.1	(11) EP2464810
(51) E21B 1/02	(47) 23.01.2019	(21) EP10808585.3
(11) EP3266975	(87) AU2013000152	(47) 23.01.2019
(21) EP16178367.5	29.08.2013	(87) US2010044863
(47) 30.01.2019	(22) 20.02.2013	17.02.2011
(22) 07.07.2016	(54) APPARATUS FOR ALIGNING DRILLING MACHINES	(22) 09.08.2010
(54) COMPONENT FOR ROCK BREAKING SYSTEM	(73) Minnovare Pty Ltd.	(54) METHODS OF FORMING POLYCRYSTALLINE DIAMOND CUTTING ELEMENTS, CUTTING ELEMENTS, AND EARTH BORING TOOLS CARRYING CUTTING ELEMENTS
(73) Sandvik Mining and Construction Oy	(72) AYRIS, Michael	(73) Baker Hughes, a GE company, LLC
(72) KALEVO, Noora	(31) 2012900668	(72) LYONS, Nicholas J.
UITTO, Vesa	2012902786	(31) 539349
PIRINEN, Tuomo	(32) 22.02.2012	(32) 11.08.2009
KOSKIMÄKI, Antti	29.06.2012	(33) United States of America
(51) E21B 7/00	(33) Australia	(51) E21B 17/042
E21B 7/02	(51) E21B 10/36	F16L 39/00
E21B 7/20	E21B 17/07	(11) EP3140492
E21B 17/07	(11) EP3214259	(21) EP15721687.0
(11) EP2339107	(21) EP16158627.6	(47) 30.01.2019
(21) EP10015951.6	(47) 30.01.2019	(87) EP2015059955
(47) 23.01.2019	(22) 04.03.2016	12.11.2015
(22) 22.12.2010	(54) DOWN-THE-HOLE HAMMER DRILL BIT RETAINING ASSEMBLY	(22) 06.05.2015
(54) Drilling device with telescopic auger, adapter piece and drilling method for drilling	(73) Sandvik Intellectual Property AB	(54) JOINT ASSEMBLY FOR FORMING A DUCT
(73) Stury, Fredi	(72) Bruandet, Olivier	(73) Total S.A.
Paffhausen, Manfred	(51) E21B 10/38	(72) LE PENNEC, Serge
(72) Stury, Fredi	E21B 10/26	(31) 14305664
Paffhausen, Manfred	E21B 10/60	(32) 06.05.2014
(31) 288868 P	E21B 21/00	(33) European Patent Office (EPO)
(32) 22.12.2009	E21B 7/20	(51) E21B 17/07
(33) United States of America	E21B 10/64	E21B 7/20
(51) E21B 7/02	E21B 10/42	(11) EP3260650
E21B 44/00	E21B 10/28	(21) EP17177346.8
F42D 3/04	(11) EP3060742	(47) 30.01.2019
(11) EP2721240	(21) EP13895833.5	(22) 22.06.2017
(21) EP12800476.9	(47) 30.01.2019	(54) DEVICE AND METHOD FOR DRILLING A SHAFT IN A SUBSTRATE
(47) 23.01.2019	(87) FI2013000041	(73) GeoSea NV
(87) FI2012050605	30.04.2015	(72) RABAUT, Dieter Wim Jan
20.12.2012	(22) 22.10.2013	PROVOOST, Antonius Johannes Maria
(22) 14.06.2012	(54) DRILLING DEVICE	
	(73) Tri-Mach Oy	

ALLEN, Steven Francis Josephine	(72) OLSTAD, Delaney Michael	(54) WELLBORE CASING SECTION WITH
(31) 201605458	THOMPSON, Russell W.	MOVEABLE PORTION FOR PROVIDING
(32) 22.06.2016	MORGAN, Russell Lee	A CASING EXIT
(33) Belgium	HOLLINGSWORTH, Jim	(73) Halliburton Energy Services, Inc.
(51) E21B 17/10	BOUTWELL, Doyle Frederic Jr	(72) DANCER, William Wallace
E21B 47/18	HAYES, Michael	DONOVAN, Stacey Blaine
(11) EP3204591	LIESS, Martin	(51) E21B 33/038
(21) EP15775225.4	HOOKER, John D.	E21B 33/047
(47) 23.01.2019	(31) 50121 P	(11) EP3227525
(87) EP2015073167	126301 P	(21) EP15805031.0
14.04.2016	126223 P	(47) 23.01.2019
(22) 07.10.2015	(32) 02.05.2008	(87) US2015061655
(54) A METHOD AND A CENTRALIZER	02.05.2008	09.06.2016
SYSTEM FOR CENTRALIZING A	02.05.2008	(22) 19.11.2015
CASING IN A WELL BORE	(33) United States of America	(54) CONTROL LINE TERMINATION
(73) Perigon AS	United States of America	ASSEMBLY
(72) KLEPPA, Erling	United States of America	(73) Cameron International Corporation
(31) 20141201	(51) E21B 21/10	(72) ROBOTOM, Gavin Paul
(32) 08.10.2014	(11) EP3234302	LUMB, Adrian Richard
(33) Norway	(21) EP15823783.4	(31) 201414556889
(51) E21B 17/20	(47) 23.01.2019	(32) 01.12.2014
E21B 17/05	(87) IB2015059583	(33) United States of America
E21B 3/04	23.06.2016	(51) E21B 33/127
E21B 17/046	(22) 14.12.2015	E21B 34/08
(11) EP2820230	(54) A DEVICE FOR ENSURING	E21B 34/10
(21) EP13709034.6	CONTINUOUS CIRCULATION IN WELL	(11) EP2795049
(47) 23.01.2019	DRILLING	(21) EP12813834.4
(87) US2013028623	(73) Had Engineering S.r.l.	(47) 23.01.2019
06.09.2013	(72) GIROLA, Giorgio	(87) EP2012076290
(22) 01.03.2013	(31) MI20142158	27.06.2013
(54) A CONTINUOUS ROTARY DRILLING	(32) 16.12.2014	(22) 20.12.2012
SYSTEM AND METHOD OF USE	(33) Italy	(54) AN ANNULAR BARRIER
(73) Saudi Arabian Oil Company	(51) E21B 23/14	(73) Welltec Oilfield Solutions AG
(72) ZHOU, Shaohua	(11) EP2798143	(72) HALLUNDBÆK, Jørgen
(31) 201261605447 P	(21) EP12821176.0	HAZEL, Paul
(32) 01.03.2012	(47) 23.01.2019	(31) 11194954
(33) United States of America	(87) GB2012053272	(32) 21.12.2011
(51) E21B 19/16	04.07.2013	(33) European Patent Office (EPO)
E21B 19/24	(22) 28.12.2012	(51) E21B 43/01
E21B 17/01	(54) CONNECTOR DEVICE FOR USE	F16L 1/15
E21B 41/00	IN WIRELINE INTERVENTION	F16L 1/24
E21B 17/18	OPERATIONS	F16L 1/26
(11) EP2715041	(73) National Oilwell Varco UK Limited	E02B 17/00
(21) EP12793833.0	(72) JOENSEN, Runi	E21B 17/01
(47) 23.01.2019	McLAREN, Christopher	E21B 19/00
(87) US2012037493	(31) 201122466	(11) EP3265642
06.12.2012	(32) 30.12.2011	(21) EP16710267.2
(22) 11.05.2012	(33) United Kingdom	(47) 30.01.2019
(54) HIGH PRESSURE MULTIBORE	(51) E21B 25/10	(87) FR2016050492
JUNCTION ASSEMBLY	(11) EP3034776	15.09.2016
(73) Halliburton Energy Services, Inc.	(21) EP14198622.4	(22) 03.03.2016
(72) STEELE, David Joe	(47) 30.01.2019	(54) FACILITY COMPRISING AT LEAST
(31) 201113152892	(22) 17.12.2014	TWO BOTTOM-SURFACE LINKS
(32) 03.06.2011	(54) Ground working tool and method for its	COMPRISING VERTICAL RISERS
(33) United States of America	operation	CONNECTED BY BARS
(51) E21B 19/16	(73) BAUER Spezialtiefbau GmbH	(73) SAIPEM S.A.
E21B 21/10	(72) Hross, Helmut	(72) FATICA, Giulio
E21B 33/126	Dahl, Ronny	ROTA, Gianmarco
E21B 33/127	Magpatoc Bernadez, Manuel	PALLADINI, Roberto
E21B 23/00	(51) E21B 29/06	(31) 1551898
E21B 3/02	E21B 41/00	(32) 06.03.2015
(11) EP3070256	E21B 7/06	(33) France
(21) EP16160686.8	(11) EP2809866	(51) E21B 43/114
(47) 23.01.2019	(21) EP12876065.9	E21B 43/26
(22) 04.05.2009	(47) 23.01.2019	(11) EP2532831
(54) FILL UP AND CIRCULATION TOOL AND	(87) US2012035754	(21) EP12171400.0
MUDSAVER VALVE	07.11.2013	(47) 23.01.2019
(73) Weatherford Technology Holdings, LLC	(22) 30.04.2012	(22) 08.06.2012

(54) Multi-Stage Downhole Hydraulic Stimulation Assembly	(22) 19.12.2007	(33) United States of America
(73) Schlumberger Holdings Limited	(54) DESIGNING DRILLING PATTERN FOR EXCAVATING ROCK CAVERN	(51) E21C 27/38
(72) McCallum, Barry	(73) Sandvik Mining and Construction Oy	E21C 35/06
Swaren, Jason	(72) SÄLENIEMI, Tommi	E21D 9/10
Malone, Bradley P.	EILO, Erkki	(11) EP2739824
Mullen, Kevin	JUNNIKALA, Ari	(21) EP12819238.2
Mauth, Kevin Douglas	KOSKELAINEN, Jussi	(47) 23.01.2019
(31) 201113157978	MUONA, Jouko	(87) US2012049563
(32) 10.06.2011	KESKINEN, Martti	07.02.2013
(33) United States of America	(31) 20065854	(22) 03.08.2012
(51) E21B 43/117	(32) 22.12.2006	(54) STABILIZATION SYSTEM FOR A MINING MACHINE
(11) EP1812682	(33) Finland	(73) Joy Global Underground Mining LLC
(21) EP05810735.0	(51) E21B 47/00	(72) WADE, Colin, Anthony
(47) 30.01.2019	E21B 47/024	JONKER, Jacobus, Ignatius
(87) GB2005004374	E21B 44/00	(31) 201161514566 P
26.05.2006	(11) EP2798150	201161514543 P
(22) 15.11.2005	(21) EP12818758.0	201161514542 P
(54) IMPROVEMENTS IN AND RELATING TO OIL WELL PERFORATORS	(47) 23.01.2019	(32) 03.08.2011
(73) QinetiQ Limited	(87) US2012071917	03.08.2011
(72) WHELLER, Stephen, QinetiQ Limited	04.07.2013	03.08.2011
HOAR, Michael, Roger	(22) 28.12.2012	(33) United States of America
(31) 0425216	(54) SYSTEMS AND METHODS FOR AUTOMATIC WEIGHT ON BIT SENSOR CALIBRATION AND REGULATING BUCKLING OF A DRILLSTRING	United States of America
(32) 16.11.2004	(73) Halliburton Energy Services, Inc.	United States of America
(33) United Kingdom	(72) HAY, Richard T.	(51) E21C 41/16
(51) E21B 43/119	SAMUEL, Robello	E21D 9/02
E21B 43/117	(31) 201161580933 P	E02B 9/02
(11) EP3108092	(32) 28.12.2011	E02B 7/20
(21) EP14892647.0	(33) United States of America	B61B 3/02
(47) 30.01.2019	(51) E21B 47/01	B61B 13/02
(87) US2014059894	F16L 15/04	E21F 13/02
26.11.2015	E21B 19/16	(11) EP2996921
(22) 09.10.2014	F16B 31/02	(21) EP14797349.9
(54) ALIGNMENT SYSTEM FOR A PERFORATING GUN	F16L 55/16	(47) 30.01.2019
(73) Hunting Titan Inc.	G01M 5/00	(87) CA2014000326
(72) LANGFORD, Dale	(11) EP2568112	20.11.2014
RUDNIK, Ian Douglas	(21) EP11777445.5	(22) 04.04.2014
(31) 201414286587	(47) 23.01.2019	(54) OVERHEAD RAIL SYSTEM HAVING CHARIOTS MOVING LONGITUDINALLY ALONG THE RAIL SYSTEM
(32) 23.05.2014	(87) JP2011060409	(73) Minrail Inc.
(33) United States of America	10.11.2011	(72) BEAUVAIS, Marc R.
(51) E21B 44/00	(22) 28.04.2011	COSSETTE, Joanic
E21B 21/08	(54) TEST APPARATUS FOR A THREADED JOINT FOR OIL COUNTRY TUBULAR GOODS	(31) 201361823021 P
(11) EP2640931	(73) Nippon Steel & Sumitomo Metal Corporation	201361823025 P
(21) EP11788210.0	(72) AKAMATSU Chiaki	(32) 14.05.2013
(47) 23.01.2019	YAMAMOTO Yasuhiro	14.05.2013
(87) GB2011052232	NAGASAKU Shigeo	(33) United States of America
24.05.2012	(31) 2010106443	United States of America
(22) 16.11.2011	(32) 06.05.2010	(51) F01C 1/32
(54) METHOD OF AND APPARATUS FOR DRILLING A SUBTERRANEAN BOREHOLE	(33) Japan	F01C 21/10
(73) Managed Pressure Operations Pte. Ltd	(51) E21B 47/12	F01C 20/02
(72) ORBELL, Charles	G01V 8/02	F01C 11/00
(31) 414248 P	(11) EP2986820	F01C 13/04
(32) 16.11.2010	(21) EP14826146.4	F01C 21/18
(33) United States of America	(47) 30.01.2019	F04C 23/00
(51) E21B 44/00	(87) US2014046093	F04C 23/02
E21D 9/00	22.01.2015	F04C 29/12
F42D 1/08	(22) 10.07.2014	F04C 18/32
F42D 3/04	(54) DOWNHOLE DEVICE AND OPTO-ACOUSTIC SUBSYSTEM	F25B 9/06
G06F 17/50	(73) Halliburton Energy Services, Inc.	F25B 13/00
(11) EP2094942	(72) SKINNER, Neal Gregory	F01C 20/26
(21) EP07858361.4	(31) 201313946341	F01C 21/06
(47) 23.01.2019	(32) 19.07.2013	F25B 1/04
(87) FI2007050710		(11) EP2090746
03.07.2008		(21) EP07850281.2
		(47) 23.01.2019

(87) JP2007073703 19.06.2008	(32) 03.11.2011	(33) United States of America
(22) 07.12.2007	(33) Korea (Republic)	(51) F01D 5/12
(54) FREEZING APPARATUS, AND EXPANDER	(51) F01D 1/28	F01D 9/02
(73) Daikin Industries, Ltd.	F01D 5/04	F01D 5/14
(72) SAKITANI, Katsumi	F02B 39/00	F01D 5/08
OKAMOTO, Masakazu	F02C 3/05	F01D 5/18
KUMAKURA, Eiji	(11) EP2410126	F02C 3/04
OKAMOTO, Tetsuya	(21) EP10828136.1	F01D 5/20
(31) 2006331664	(47) 23.01.2019	(11) EP2896787
2007316259	(87) JP2010062656	(21) EP12884467.7
(32) 08.12.2006	12.05.2011	(47) 23.01.2019
06.12.2007	(22) 28.07.2010	(87) JP2012073248
(33) Japan	(54) TURBINE WHEEL	20.03.2014
Japan	(73) Mitsubishi Heavy Industries, Ltd.	(22) 12.09.2012
(51) F01C 21/08	(72) YOKOYAMA, Takao	(54) GAS TURBINE
F01C 1/18	OSAKO, Katsuyuki	(73) Mitsubishi Hitachi Power Systems, Ltd.
F04C 2/18	YOSHIDA, Toyotaka	(72) MIYOSHI Ichiro
F04C 18/18	EBISU, Motoki	HIGUCHI Shinichi
F02B 33/38	(31) 2009253773	NODA Masami
B29C 67/00	(32) 05.11.2009	(51) F01D 5/14
B29C 70/46	(33) Japan	F01D 5/28
B29C 70/34	(51) F01D 5/08	F01D 9/04
B29C 65/48	(11) EP3199757	F04D 29/02
B32B 5/02	(21) EP16191979.0	F04D 29/32
B32B 5/26	(47) 30.01.2019	F04D 29/54
B32B 7/12	(22) 30.09.2016	B33Y 80/00
B32B 15/14	(54) A SYSTEM AND METHOD TO RETAIN A TURBINE COVER PLATE BETWEEN NESTED TURBINES WITH A TIE BOLT AND SPANNER NUT	B22C 7/02
B32B 15/20	(73) Rolls-Royce Corporation	B22C 9/04
B32B 37/12	(72) Snyder, Brandon R.	B22C 9/10
B32B 37/18	Morrison, Daniel K.	B28B 1/24
F04C 2/107	Basiletti, Matthew P.	B28B 7/34
F04C 2/08	(31) 201514922932	B22F 5/04
F04C 2/14	(32) 26.10.2015	B22F 7/08
F04C 2/12	(33) United States of America	(11) EP3019705
(11) EP3149278	(51) F01D 5/08	(21) EP14851565.3
(21) EP15798716.5	F01D 25/10	(47) 30.01.2019
(47) 30.01.2019	F02C 9/16	(87) US2014045929
(87) US2015033354	(11) EP2959109	16.04.2015
03.12.2015	(21) EP14797283.0	(22) 09.07.2014
(22) 29.05.2015	(47) 30.01.2019	(54) HIGH-MODULUS COATING FOR LOCAL STIFFENING OF AIRFOIL TRAILING EDGES
(54) COMPOSITE ROTARY COMPONENT	(87) US2014015759	(73) United Technologies Corporation
(73) Eaton Corporation	20.11.2014	(72) TWELVES, Wendell V.
(72) WILLIAMS, Kelly, Ann	(22) 11.02.2014	COOK III, Grant O.
EYBERGEN, William, Nicholas	(54) GAS TURBINE ENGINE WITH ROTOR DISK BORE HEATING	(31) 201361844108 P
WRIGHT, Bradley, Karl	(73) United Technologies Corporation	(32) 09.07.2013
FORTINI, Matthew, James	(72) SCHWARZ, Frederick M.	(33) United States of America
SWARTZLANDER, Matthew, Gerald	DUESLER, Paul W.	(51) F01D 5/14
(31) 201462005357 P	(31) 201361766321 P	F01D 5/28
201462043525 P	(32) 19.02.2013	F04D 29/02
201462087281 P	(33) United States of America	F04D 29/32
(32) 30.05.2014	(51) F01D 5/08	B29D 99/00
29.08.2014	F02C 7/18	(11) EP3044415
04.12.2014	F04D 29/32	(21) EP14842050.8
(33) United States of America	F04D 29/58	(47) 30.01.2019
United States of America	(11) EP2412924	(87) US2014050614
United States of America	(21) EP11173815.9	12.03.2015
(51) F01C 21/10	(47) 23.01.2019	(22) 12.08.2014
F04C 23/00	(22) 13.07.2011	(54) AIRFOIL WITH AN INTEGRALLY STIFFENED COMPOSITE COVER
(11) EP2589746	(54) A disk spacer for a gas engine turbine and a method for providing a rotor assembly	(73) United Technologies Corporation
(21) EP12191026.9	(73) United Technologies Corporation	(72) FOSTER, Larry
(47) 23.01.2019	(72) Malmborg, Eric W.	(31) 201361875333 P
(22) 02.11.2012	(31) 844905	(32) 09.09.2013
(54) Rotary Compressor	(32) 28.07.2010	(33) United States of America
(73) Samsung Electronics Co., Ltd.		(51) F01D 5/14
(72) Lee, Jeong Bae		F01D 21/04
(31) 20110113660		

F02C 7/05	F01D 25/24	(72) HOFSSOMMER, Daniel
F01D 5/28	C04B 35/80	(31) 15150757
(11) EP3034785	(11) EP2570604	(32) 12.01.2015
(21) EP15196975.5	(21) EP12169224.8	(33) European Patent Office (EPO)
(47) 30.01.2019	(47) 23.01.2019	(51) F01D 9/04
(22) 30.11.2015	(22) 24.05.2012	F01D 17/16
(54) A GAS TURBINE FAN BLADE WITH VARYING FRACTURE RESISTANCE	(54) Ceramic matrix composite vane structure for a gas turbine engine and corresponding method of forming	(11) EP3290655
(73) Rolls-Royce plc	(73) United Technologies Corporation	(21) EP17184890.6
(72) Benson, Christopher	(72) Suci, Gabriel L.	(47) 30.01.2019
(31) 201422737	Alvanos, Ioannis	(22) 04.08.2017
(32) 19.12.2014	(31) 201113116156	(54) VARIABLE STATOR VANE SETTING
(33) United Kingdom	(32) 26.05.2011	(73) Rolls-Royce plc
(51) F01D 5/18	(33) United States of America	(72) Keenan, Michael
(11) EP2258925	(51) F01D 5/28	(31) 201614803
(21) EP10163682.7	F04D 29/02	(32) 01.09.2016
(47) 23.01.2019	F04D 29/32	(33) United Kingdom
(22) 24.05.2010	(11) EP2423441	(51) F01D 9/04
(54) Cooling arrangements	(21) EP11179499.6	F01D 25/24
(73) Rolls-Royce plc	(47) 23.01.2019	(11) EP3147457
(72) Townes, Roderick	(22) 31.08.2011	(21) EP15186306.5
Tibbott, Ian	(54) Integrally woven composite fan blade using progressively larger weft yarns	(47) 30.01.2019
Dane, Edwin	(73) United Technologies Corporation	(22) 22.09.2015
Helvac, Caner	(72) Naik, Rajiv A.	(54) GAS TURBINE COMPRISING A GUIDE VANE AND A GUIDE VANE CARRIER
(31) 0909255	Clarke, Steven R.	(73) Ansaldo Energia Switzerland AG
(32) 01.06.2009	(31) 872346	(72) Widmer, Marc
(33) United Kingdom	(32) 31.08.2010	Brandl, Herbert
(51) F01D 5/18	(33) United States of America	(51) F01D 9/04
F01D 25/12	(51) F01D 5/30	F02K 3/06
(11) EP3241992	F01D 5/08	(11) EP3118416
(21) EP17166119.2	(11) EP2325438	(21) EP16176850.2
(47) 30.01.2019	(21) EP10186754.7	(47) 30.01.2019
(22) 11.04.2017	(47) 23.01.2019	(22) 29.06.2016
(54) INTERNALLY COOLED AIRFOIL	(22) 06.10.2010	(54) A GAS TURBINE ENGINE
(73) United Technologies Corporation	(54) SEAL PLATES FOR DIRECTING AIRFLOW THROUGH A TURBINE SECTION OF AN ENGINE AND TURBINE SECTIONS	(73) Rolls-Royce plc
(72) AUXIER, James T.	(73) Honeywell International Inc.	(72) Parry, Anthony
JARIWALA, Parth	(72) Morris, Mark C.	(31) 201512516
TELLER, Bret M.	Barr, Larry	(32) 17.07.2015
(31) 201615096243	Couey, Paul	(33) United Kingdom
(32) 11.04.2016	Harman, Stuart Andrew	(51) F01D 11/00
(33) United States of America	Ramerth, Douglas L.	(11) EP2594744
(51) F01D 5/20	Tapia, Louis A.	(21) EP12184441.9
(11) EP3225782	(31) 622837	(47) 23.01.2019
(21) EP16162708.8	(32) 20.11.2009	(22) 14.09.2012
(47) 23.01.2019	(33) United States of America	(54) Flexible seal system for a gas turbine engine
(22) 29.03.2016	(51) F01D 5/30	(73) United Technologies Corporation
(54) AIRFOIL AND CORRESPONDING BLADING MEMBER	F01D 25/28	(72) Damgaard, Jocelyn C.
(73) Ansaldo Energia Switzerland AG	F01D 5/22	Roberts, Steven D.
(72) NAIK, Shailendra	B23Q 3/06	Dale, Timothy
SOMMER, Christian	B23P 19/02	(31) 201113297458
(51) F01D 5/22	B25B 5/14	(32) 16.11.2011
F01D 5/30	(11) EP3204187	(33) United States of America
F01D 11/00	(21) EP15808372.5	(51) F01D 11/00
(11) EP2455587	(47) 30.01.2019	F01D 21/00
(21) EP10191462.0	(87) EP2015078905	F02C 7/28
(47) 23.01.2019	21.07.2016	F16J 15/16
(22) 17.11.2010	(22) 08.12.2015	F16J 15/44
(54) Rotor for a turbomachine, corresponding turbomachine and method for manufacturing, repairing or upgrading	(54) METHOD FOR MOUNTING ROTOR BLADES ONTO A ROTOR DISK, AND CORRESPONDING TENSIONING DEVICE FOR PERFORMING SUCH A METHOD	(11) EP2327858
(73) MTU Aero Engines AG	(73) Siemens Aktiengesellschaft	(21) EP10251996.4
(72) Stiehler, Frank		(47) 30.01.2019
Borufka, Peter		(22) 24.11.2010
(51) F01D 5/28		(54) Composite slider seal
F01D 9/04		(73) United Technologies Corporation
F01D 11/00		(72) Eastwood, Jonathan Jeffrey
		Brooks, Judith F.
		(31) 625704
		(32) 25.11.2009

(33) United States of America	HONKATUKIA, Juha	27.02.2014
(51) F01D 11/02	JAATINEN-VÄRRI, Ahti	(22) 20.05.2013
F01D 25/00	(31) 201504839	(54) DIRECT FEED AUXILIARY OIL SYSTEM FOR GEARED TURBOFAN ENGINE
F16J 15/447	(32) 23.03.2015	(73) United Technologies Corporation
(11) EP2554796	(33) United Kingdom	(72) PARNIN, Francis
(21) EP11762333.0	(51) F01D 15/12	DOLMAN, Paul H.
(47) 23.01.2019	B64C 27/04	(31) 201213484698
(87) JP2011051895	B64D 35/00	(32) 31.05.2012
06.10.2011	F02C 3/10	(33) United States of America
(22) 31.01.2011	(11) EP3289187	(51) F01D 25/24
(54) TURBINE	(21) EP16722308.0	F01D 9/02
(73) Mitsubishi Hitachi Power Systems, Ltd.	(47) 30.01.2019	F02C 6/12
(72) KUWAMURA Yoshihiro	(87) FR2016050976	F01D 25/14
MATSUMOTO Kazuyuki	03.11.2016	(11) EP2677122
OYAMA Hiroharu	(22) 26.04.2016	(21) EP13172509.5
TANAKA Yoshinori	(54) TURBOSHAFT ENGINE FOR AN AIRCRAFT, COMPRISING AN AUTOMATICALLY ACTUATED CENTERING ELEMENT	(47) 23.01.2019
MATSUO Asaharu	(73) Safran Helicopter Engines	(22) 18.06.2013
(31) 2010079006	(72) LAFARGUE, Olivier	(54) Turbine end intake structure for turbocharger, and turbocharger comprising the same
(32) 30.03.2010	BROTIER, Sébastien	(73) Honeywell International Inc.
(33) Japan	(31) 1553752	(72) Li, Penny
(51) F01D 11/04	(32) 27.04.2015	Gu, Ronglei
F01D 11/00	(33) France	Zhang, Rong
(11) EP3009613	(51) F01D 25/12	(31) 201220294611 U
(21) EP15178341.2	F02C 7/24	(32) 21.06.2012
(47) 30.01.2019	F01D 9/06	(33) China
(22) 24.07.2015	F02C 7/32	(51) F01D 25/24
(54) CONTACTLESS SEALS FOR GAS TURBINE ENGINES	B64D 33/08	F01D 17/16
(73) United Technologies Corporation	F02C 7/18	(11) EP2261467
(72) ALVANOS, Ioannis	(11) EP2868870	(21) EP10251046.8
(31) 201462039334 P	(21) EP14190500.0	(47) 23.01.2019
(32) 19.08.2014	(47) 30.01.2019	(22) 07.06.2010
(33) United States of America	(22) 27.10.2014	(54) Inner diameter shroud assembly for variable inlet guide vane structure in a gas turbine engine
(51) F01D 11/04	(54) Turbomachine housing a device in the engine compartment thereof and thermal protector for the device	(73) United Technologies Corporation
F04D 29/12	(73) Airbus Operations	(72) Major, Daniel W.
F04D 29/58	(72) Sommerer, Yannick	Champion, Nathan F.
F16J 15/34	Jeanmougin, Stéphanie	Ditomasso, John C.
F01D 25/10	(31) 1360716	(31) 478955
(11) EP2977563	(32) 31.10.2013	(32) 05.06.2009
(21) EP15002180.6	(33) France	(33) United States of America
(47) 30.01.2019	(51) F01D 25/16	(51) F01K 23/06
(22) 23.07.2015	F16C 27/04	F23G 5/02
(54) TURBOMACHINE HAVING A DRY GAS SEAL	F16F 15/023	F23G 5/50
(73) MAN Energy Solutions SE	F01D 19/00	F23G 5/027
(72) Mischo, Bob Christian	(11) EP3205843	F23G 5/033
Mokulys, Thomas	(21) EP17155584.0	F23G 5/04
Scholtysik, Martin	(47) 30.01.2019	F23G 5/44
Birrer, Reto	(22) 10.02.2017	F23J 1/00
Klaas, Annika	(54) METHOD OF BOWED ROTOR START RESPONSE DAMPING, CORRESPONDING BOWED ROTOR START RESPONSE DAMPING SYSTEM AND GAS TURBINE ENGINE	F23J 7/00
(31) 102014011042	(73) United Technologies Corporation	F23B 90/06
(32) 26.07.2014	(72) SVELA, Gregory M.	C10J 3/50
(33) Germany	(31) 201615042346	(11) EP2067939
(51) F01D 13/00	(32) 12.02.2016	(21) EP08166421.1
F01D 15/10	(33) United States of America	(47) 23.01.2019
F02C 6/00	(51) F01D 25/18	(22) 13.10.2008
F02C 6/02	F02C 7/06	(54) Fuel feed system for a gasifier and method of gasification systems start-up
(11) EP3274562	(11) EP2855859	(73) General Electric Company
(21) EP16718383.9	(21) EP13830287.2	(72) Leininger, Thomas Frederick
(47) 23.01.2019	(47) 30.01.2019	Avagliano, Aaron
(87) FI2016050182	(87) US2013041769	Stevenson, John Saunders
29.09.2016		Winter, John Duckett
(22) 23.03.2016		(31) 982967 P
(54) MULTI-SPOOL GAS TURBINE ARRANGEMENT		209711
(73) Aurelia Turbines Oy		(32) 26.10.2007
(72) MALKAMÄKI, Matti		
BACKMAN, Jari		

12.09.2008	(54) IMPROVED OIL CONTROL FOR	(11) EP3253953
(33) United States of America	ROCKER ARM AND HYDRAULIC LASH	(21) EP16703065.9
United States of America	ADJUSTER	(47) 30.01.2019
(51) F01L 1/053	(73) Eaton Corporation	(87) EP2016000186
F01M 9/10	(72) NIELSEN, Douglas J.	11.08.2016
(11) EP3078818	(31) 201662333205 P	(22) 04.02.2016
(21) EP16162828.4	(32) 07.05.2016	(54) METHOD FOR OPERATING AN
(47) 30.01.2019	(33) United States of America	INTERNAL COMBUSTION ENGINE
(22) 30.03.2016	(51) F01M 1/08	(73) MAN Energy Solutions SE
(54) Cam cap	F02F 1/20	(72) DÖRING, Andreas
(73) Toyota Jidosha Kabushiki Kaisha	(11) EP2689113	TOSHEV, Plamen
(72) MUSHA, Yoshio	(21) EP12761479.0	(31) 102015001495
(31) 2015070070	(47) 23.01.2019	(32) 05.02.2015
(32) 30.03.2015	(87) DK2012050088	(33) Germany
(33) Japan	27.09.2012	(51) F01N 3/20
(51) F01L 1/14	(22) 22.03.2012	F01N 5/02
F01L 1/18	(54) INJECTION OF CYLINDER	B01D 53/90
F01L 1/46	LUBRICATING OIL INTO DIESEL	B01D 53/94
(11) EP3225798	ENGINE CYLINDERS	B01J 19/00
(21) EP17157120.1	(73) Hans Jensen Lubricators A/S	B01J 19/24
(47) 23.01.2019	(72) BAK, Peer	G05B 15/02
(22) 21.02.2017	(31) 201170135	(11) EP3006688
(54) Valve operating apparatus for internal	(32) 22.03.2011	(21) EP13863670.9
combustion engine	(33) Denmark	(47) 30.01.2019
(73) Honda Motor Co., Ltd.	(51) F01M 11/12	(87) KR2013011542
(72) IKEBE, Yoshiyuki	F03B 11/06	11.12.2014
YOKOTA, Hiroshi	F03B 13/10	(22) 12.12.2013
NOJIMA, Satoru	F16C 17/12	(54) SOLID AMMONIUM SALT REACTOR,
(31) 2016063041	F16C 33/10	METHOD FOR CONTROLLING SAME,
(32) 28.03.2016	H02K 7/18	AND NITROGEN OXIDE PURIFICATION
(33) Japan	F03B 13/26	SYSTEM USING SOLID AMMONIUM
(51) F01L 9/04	F03B 13/00	SALT AND SELECTIVE REDUCTION
(11) EP1138884	F16N 7/02	CATALYST
(21) EP01400292.7	(11) EP3193007	(73) Korea Institute of Machinery & Materials
(47) 30.01.2019	(21) EP15814043.4	(72) KIM, Hong-Suk
(22) 06.02.2001	(47) 23.01.2019	CHO, Gyu-baek
(54) Method for the pilot opening of an	(87) CN2015083000	KIM, Yong-jin
exhaust gas valve of an engine with an	07.01.2016	LEE, Jun-ho
electromechanical valve mechanism	(22) 30.06.2015	JEONG, Young-il
(73) PSA Automobiles SA	(54) TIDAL CURRENT ENERGY ELECTRIC	LEE, Seok-hwan
(72) Morin, Cédric	GENERATING APPARATUS	PARK, Cheol-woong
(31) 0001492	(73) Zhejiang Zhoushan Lhd Energy Development	KIM, Chang-ki
(32) 07.02.2000	Co., Ltd.	LEE, Sun-young
(33) France	(72) LIN, Dong	LEE, Jang-hee
(51) F01L 9/04	(31) 201410309411	OH, Seung-mook
F01L 13/00	(32) 30.06.2014	KANG, Kern-yong
F02D 13/02	(33) China	(31) 20130064971
(11) EP1384863	(51) F01N 1/06	(32) 05.06.2013
(21) EP03300072.0	B60Q 5/00	(33) Korea (Republic)
(47) 30.01.2019	(11) EP3362653	(51) F01N 3/20
(22) 21.07.2003	(21) EP17707247.7	F01N 9/00
(54) Internal combustion engine with a processor	(47) 23.01.2019	F01N 11/00
and electromagnetic valve actuators	(87) EP2017054178	(11) EP3260674
(73) PSA Automobiles SA	31.08.2017	(21) EP16175907.1
(72) Bernier, Loic	(22) 23.02.2017	(47) 30.01.2019
(31) 0209550	(54) MOTOR VEHICLE HAVING A CONTROL	(22) 23.06.2016
(32) 26.07.2002	APPARATUS FOR AT LEAST ONE	(54) METHOD FOR CONTROLLING
(33) France	LOUDSPEAKER OF AN EXHAUST	AN ACTUATOR IN A MOTOR
(51) F01L 13/06	SYSTEM OF THE MOTOR VEHICLE	VEHICLE, AND SCR-SYSTEM WITH
F01L 1/18	(73) AUDI AG	A CORRECTION ELEMENT FOR
F01L 1/24	(72) RÜEGG, Markus	INFLUENCING THE CONTROL OF SUCH
(11) EP3246539	(31) 102016002449	AN ACTUATOR
(21) EP17169932.5	(32) 27.02.2016	(73) HJS Emission Technology GmbH & Co. KG
(47) 23.01.2019	(33) Germany	(72) KEBEKUS, Udo
(22) 08.05.2017	(51) F01N 3/10	(51) F01N 3/20
	F01N 3/20	F01N 11/00
	F01N 13/00	(11) EP3090156
	F02B 43/00	(21) EP14833169.7

(47) 30.01.2019	CARRIER FOR AN EXHAUST SYSTEM	(31) 201113309457
(87) IB2014002844	OF A VEHICLE	(32) 01.12.2011
02.07.2015	(73) Eberspächer Exhaust Technology GmbH & Co. KG	(33) United States of America
(22) 19.12.2014	Eberspächer Tecnologia de Exaustão Ltda.	(51) F01P 11/14
(54) LIQUID QUANTITY DETECTING DEVICE	(72) Liu, Dan	F01P 7/08
(73) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	Leandro, Kimura	F16D 35/02
TOYOTA JIDOSHA KABUSHIKI KAISHA	Thiesen, Rangel	(11) EP2514943
(72) YOKOI, Tatsuhisa	(31) 102015121110	(21) EP10837372.1
OTA, Kenji	(32) 04.12.2015	(47) 23.01.2019
(31) 2013266723	(33) Germany	(87) JP2010069585
(32) 25.12.2013	(51) F01N 13/10	23.06.2011
(33) Japan	F01N 13/18	(22) 04.11.2010
(51) F01N 3/20	(11) EP3203048	(54) DIAGNOSTIC METHOD AND DIAGNOSTIC DEVICE FOR FAN COUPLING DEVICE
F01N 11/00	(21) EP17153043.9	(73) Nissan Motor Co., Ltd
F01N 9/00	(47) 23.01.2019	(72) KAGEYAMA, Yuzo
F02D 41/02	(22) 25.01.2017	KUBOTA, Mitsuhiro
(11) EP2772622	(54) FIXING ASSEMBLY FOR FIXING AN EXHAUST MANIFOLD ON A CYLINDER HEAD OF A COMBUSTION ENGINE	NAKAZAWA, Takashi
(21) EP14156645.5	(31) 2009286099	(31) 2009286099
(47) 30.01.2019	(73) Eberspächer Exhaust Technology GmbH & Co. KG	(32) 17.12.2009
(22) 25.02.2014	(72) Mohr, Ralf	(33) Japan
(54) Apparatus, method and system for diagnosing reductant deposits in an exhaust aftertreatment system	Spieth, Arnulf	(51) F02B 3/04
(73) Cummins IP, Inc.	Häberle, Jürgen	F02M 26/07
(72) Mitchell, Douglas A.	(31) 102016101980	F02B 75/10
Osburn, Andrew W.	102016102844	F01L 1/34
Drost, Jason	(32) 04.02.2016	F02B 33/44
Burke, James F.	18.02.2016	F02D 23/02
Brault, Joseph M.	(33) Germany	F02D 41/40
(31) 201313783025	Germany	F02B 23/10
(32) 01.03.2013	(51) F01P 3/12	F02D 41/00
(33) United States of America	F01N 13/10	F02D 13/02
(51) F01N 11/00	F02B 75/22	F02D 41/30
F01N 3/021	(11) EP2496803	(11) EP2633164
F01N 9/00	(21) EP10782183.7	(21) EP11836993.3
(11) EP3140524	(47) 23.01.2019	(47) 23.01.2019
(21) EP15788571.6	(87) EP2010006723	(87) US2011057842
(47) 30.01.2019	12.05.2011	03.05.2012
(87) SE2015050499	(22) 04.11.2010	(22) 26.10.2011
12.11.2015	(54) COOLING SYSTEM OF AN INTERNAL COMBUSTION ENGINE	(54) ENGINE EMPLOYING FULL-TIME LOW-TEMPERATURE PARTIALLY-PREMIXED COMPRESSION IGNITION WITH LOW EMISSIONS
(22) 06.05.2015	(73) MTU Friedrichshafen GmbH	(73) Delphi Technologies, Inc.
(54) METHOD AND SYSTEM FOR MONITORING OF A PHYSICAL QUANTITY RELATED TO A PARTICULATE MASS IN AT LEAST ONE EXHAUST PIPE	(72) HENSSLER, Felix	(72) SELLNAU, Mark, C.
(73) Scania CV AB	REITZ, Jörg, Andre	HOYER, Kevin, S.
(72) BÖKELUND, Björn	(31) 102009052151	SINNAMON, James, F.
ERWE, Karolin	(32) 06.11.2009	(31) 406689 P
(31) 1450544	(33) Germany	(32) 26.10.2010
(32) 08.05.2014	(51) F01P 7/14	(33) United States of America
(33) Sweden	F01P 5/10	(51) F02B 3/12
(51) F01N 13/00	F01P 7/16	F02F 1/30
F01N 13/18	F04B 49/20	F02F 1/42
F01N 3/28	B60H 1/00	F01P 3/02
B21J 5/06	B60H 1/08	F02N 9/04
B01D 53/94	F25B 49/00	(11) EP3239516
B23K 31/02	F24F 11/00	(21) EP15872660.4
(11) EP3176398	F01P 3/20	(47) 23.01.2019
(21) EP16201378.3	F24F 110/00	(87) JP2015083957
(47) 30.01.2019	(11) EP3211194	30.06.2016
(22) 30.11.2016	(21) EP17164744.9	(22) 03.12.2015
(54) METHOD FOR MANUFACTURING A CATALYST HOUSING ARRANGEMENT WITH AT LEAST ONE SENSOR	(47) 23.01.2019	(54) ENGINE
(73) Paccar Inc	(22) 30.11.2012	(73) Yanmar Co., Ltd.
(72) PYLE, Tristan	(54) VEHICLE AND METHOD FOR CONTROLLING A VARIABLE SPEED WATER PUMP	(72) FUKUYOSHI Shinya
NEVELS, René	(31) 2014265623	(31) 2014265623
	(32) 26.12.2014	(32) 26.12.2014
	(33) Japan	(33) Japan
	(51) F02B 19/10	(51) F02B 19/10

- F02B 25/14
(11) EP2638266
(21) EP11746139.2
(47) 23.01.2019
(87) US2011047795
18.05.2012
(22) 15.08.2011
(54) SPARK IGNITED RADICAL INJECTION SYSTEM
(73) GE Oil & Gas Compression Systems, LLC
(72) JOHNSON, Everette R.
(31) 944665
(32) 11.11.2010
(33) United States of America
-
- (51) F02B 29/02
(11) EP2041409
(21) EP07736398.4
(47) 23.01.2019
(87) IL2007000658
17.01.2008
(22) 31.05.2007
(54) VENTING TUBING SYSTEM FOR A FUEL TANK
(73) Raval A.C.S. LTD
(72) VULKAN, Omer
EHRMAN, Moshe
(31) 830105 P
(32) 12.07.2006
(33) United States of America
-
- (51) F02B 29/04
A01D 41/12
F01P 3/00
(11) EP3230567
(21) EP15808205.7
(47) 23.01.2019
(87) EP2015079357
16.06.2016
(22) 11.12.2015
(54) TRANSVERSELY ORIENTED COOLING PACKAGE FOR AN AGRICULTURAL HARVESTER
(73) CNH Industrial Belgium N.V.
(72) DEMONIE, Lode, A.
DUQUESNE, Frank, R., G.
(31) 201400848
(32) 12.12.2014
(33) Belgium
-
- (51) F02B 37/007
F02B 37/013
F02D 13/02
(11) EP2992196
(21) EP14722635.1
(47) 30.01.2019
(87) EP2014058947
06.11.2014
(22) 01.05.2014
(54) INTERNAL COMBUSTION ENGINE WITH EXHAUST TURBOMACHINES
(73) Jaguar Land Rover Limited
(72) BAKER, Alan
TURNER, James
(31) 201307889
(32) 01.05.2013
(33) United Kingdom
-
- (51) F02B 37/24
F01D 17/16
(11) EP2180159
(21) EP08861849.1
(47) 23.01.2019
(87) JP2008067963
25.06.2009
(22) 02.10.2008
(54) VARIABLE NOZZLE MECHANISM, AND CORRESPONDING VARIABLE GEOMETRY TURBOCHARGER
(73) Mitsubishi Heavy Industries Engine & Turbocharger, Ltd.
(72) HAYASHI, Noriyuki
JINNAI, Yasuaki
SUZUKI, Hiroshi
ISHII, Yuki
(31) 2007323553
(32) 14.12.2007
(33) Japan
-
- (51) F02B 39/00
F01D 11/00
F01D 11/02
F01D 25/00
F01D 25/24
F02C 6/12
F16J 15/08
(11) EP2620613
(21) EP11848082.1
(47) 23.01.2019
(87) JP2011078421
21.06.2012
(22) 08.12.2011
(54) SEALING STRUCTURE FOR TURBOCHARGER HOUSING
(73) Mitsubishi Heavy Industries, Ltd.
(72) SHUDO, Shingo
WATANABE, Daigo
TOKIYOSHI, Takumi
EBISU, Motoki
(31) 2010279922
(32) 15.12.2010
(33) Japan
-
- (51) F02C 3/107
F01D 21/04
(11) EP3296540
(21) EP16189699.8
(47) 23.01.2019
(22) 20.09.2016
(54) GAS TURBINE ENGINE WITH A GEARED TURBOFAN ARRANGEMENT
(73) Rolls-Royce Deutschland Ltd & Co KG
(72) BONIFACE, Dominic
-
- (51) F02C 6/08
F04D 29/32
(11) EP2527617
(21) EP12167314.9
(47) 23.01.2019
(22) 09.05.2012
(54) A VORTEX REDUCER
(73) Rolls-Royce plc
(72) Scanlon, Timothy
(31) 201108842
(32) 26.05.2011
(33) United Kingdom
-
- (51) F02C 7/00
B01D 45/04
(11) EP3144500
(21) EP16189874.7
(47) 30.01.2019
(22) 21.09.2016
(54) APPARATUS AND METHOD FOR AIR PARTICLE CAPTURE IN A GAS TURBINE ENGINE
(73) United Technologies Corporation
(72) CLUM, Carey
ROBAK, Christopher W.
(31) 201514860604
(32) 21.09.2015
(33) United States of America
-
- (51) F02C 7/00
F02C 7/20
F02C 7/32
F01D 11/16
F01D 11/18
(11) EP2875224
(21) EP13820536.4
(47) 30.01.2019
(87) US2013046270
23.01.2014
(22) 18.06.2013
(54) RADIAL POSITION CONTROL OF CASE SUPPORTED STRUCTURE
(73) United Technologies Corporation
(72) MCCAFFREY, Michael G.
(31) 201213554211
(32) 20.07.2012
(33) United States of America
-
- (51) F02C 7/06
F01D 25/16
F02C 3/107
(11) EP2551488
(21) EP12178496.1
(47) 23.01.2019
(22) 30.07.2012
(54) Three spool engine bearing configuration
(73) United Technologies Corporation
(72) Suci, Gabriel L.
Merry, Brian D.
(31) 201113193757
(32) 29.07.2011
(33) United States of America
-
- (51) F02C 7/22
F02K 3/10
F23R 3/20
F23D 11/38
(11) EP2993405
(21) EP15183919.8
(47) 30.01.2019
(22) 04.09.2015
(54) VARIABLE ORIFICE JET FOR A TURBINE ENGINE
(73) United Technologies Corporation
(72) PETERS, Donald W.
(31) 201462046497 P
(32) 05.09.2014
(33) United States of America
-
- (51) F02C 7/228
F02C 9/28
F02C 9/48
(11) EP3022423
(21) EP14735529.1
(47) 30.01.2019
(87) EP2014063670
22.01.2015
(22) 27.06.2014
(54) TURBINE ENGINE CONTROL SYSTEM
(73) Siemens Aktiengesellschaft
(72) DOLMANSLEY, Timothy

HEADLAND, Paul	(21) EP16173076.7	(47) 30.01.2019
SKIPPER, Dorian	(47) 30.01.2019	(87) EP2015001388
SMITH, Michael	(22) 06.06.2016	28.01.2016
(31) 201312974	(54) ENGINE SPEED OPTIMIZATION AS	(22) 08.07.2015
(32) 19.07.2013	A METHOD TO REDUCE APU FUEL	(54) DUAL-FUEL FUEL INJECTOR
(33) United Kingdom	CONSUMPTION	(73) Woodward L'Orange GmbH
(51) F02C 7/268	(73) United Technologies Corporation	(72) KALENBORN, Markus
F02C 7/32	(72) PASCU, Victor	(31) 102014010717
F01D 25/34	JONES, Anthony C.	(32) 19.07.2014
(11) EP3267013	(31) 201514731047	(33) Germany
(21) EP17179784.8	(32) 04.06.2015	(51) F02D 41/00
(47) 30.01.2019	(33) United States of America	F02D 31/00
(22) 05.07.2017	(51) F02D 13/02	F02D 41/14
(54) GAS TURBINE ENGINE STARTER	F01L 1/352	F02D 41/26
REDUCTION GEAR TRAIN WITH	F01L 1/356	F02D 41/22
JACKING AND PLANETARY GEARED	(11) EP3279452	(11) EP2379865
TRANSMISSION	(21) EP16772971.4	(21) EP09801466.5
(73) Hamilton Sundstrand Corporation	(47) 23.01.2019	(47) 30.01.2019
(72) SLAYTER, Matthew Allen	(87) JP2016060406	(87) FI2009051001
NGUYEN, James Vandung	06.10.2016	08.07.2010
FOX, Paul F.	(22) 30.03.2016	(22) 15.12.2009
DAVIS, Richard Alan	(54) CONTROL UNIT FOR INTERNAL	(54) APPARATUS AND METHOD FOR
BROWN, Jeff A.	COMBUSTION ENGINE	CONTROLLING THE SPEED OF AN
ROBERTS, Jeffrey Todd	(73) Aisin Seiki Kabushiki Kaisha	INTERNAL COMBUSTION ENGINE
WALKER, Daniel Richard	(72) YABU, Satoshi	(73) Wärtsilä Finland Oy
HERGERT, Richard R.	KANEKO, Masaaki	(72) KAAS, Tom
WILSON, Dwayne Leon	(31) 2015076055	TROBERG, Tom
McMasters, Brian	(32) 02.04.2015	PENSAR, Johan
HARDER, Benjamin T.	(33) Japan	(31) 20086254
(31) 201615201842	(51) F02D 15/02	(32) 31.12.2008
(32) 05.07.2016	F02D 29/02	(33) Finland
(33) United States of America	F02D 41/12	(51) F02D 41/04
(51) F02C 7/36	F02D 41/02	F02D 41/02
F01D 15/10	F02D 41/04	F02D 41/12
F02C 3/10	(11) EP3232037	F02D 45/00
F02C 1/02	(21) EP14908062.4	F02D 29/02
H02K 7/18	(47) 30.01.2019	F02D 41/38
F02C 3/073	(87) JP2014082482	F02D 35/02
(11) EP3123018	16.06.2016	(11) EP3228850
(21) EP15767948.1	(22) 09.12.2014	(21) EP14907415.5
(47) 23.01.2019	(54) CONTROL DEVICE FOR INTERNAL	(47) 30.01.2019
(87) US2015022823	COMBUSTION ENGINE	(87) JP2014081814
01.10.2015	(73) Nissan Motor Co., Ltd	09.06.2016
(22) 26.03.2015	(72) UCHIDA, Ryo	(22) 02.12.2014
(54) GAS TURBINE GENERATOR WITH A	YOSHIMURA, Futoshi	(54) CONTROL DEVICE FOR INTERNAL
PRE-COMBUSTION POWER TURBINE	DATE, Tomoyoshi	COMBUSTION ENGINES
(73) Scaled Power Corp.	KAMIO, Rina	(73) Nissan Motor Co., Ltd
(72) KEOGH, Rory, C.	(51) F02D 17/02	(72) YOSHIMURA, Futoshi
THOMAS, Gregory	F02D 21/08	UCHIDA, Ryo
(31) 201414229677	F02M 26/00	DATE, Tomoyoshi
(32) 28.03.2014	F02D 41/00	KAMIO, Rina
(33) United States of America	F02M 26/43	(51) F02D 41/06
(51) F02C 7/36	(11) EP3077648	F02D 29/00
F01D 21/14	(21) EP13898211.1	F02D 29/02
F02K 3/06	(47) 30.01.2019	F02D 41/04
F16D 41/07	(87) SE2013000187	F02D 41/08
(11) EP3258086	04.06.2015	F02D 41/02
(21) EP17175671.1	(22) 29.11.2013	F02D 41/30
(47) 30.01.2019	(54) AN INTERNAL COMBUSTION ENGINE	(11) EP2613043
(22) 13.06.2017	AND A METHOD FOR CONTROLLING	(21) EP11821531.8
(54) SHAFT ANTI-ROTATION DEVICE	AN INTERNAL COMBUSTION ENGINE	(47) 23.01.2019
(73) United Technologies Corporation	(73) Volvo Construction Equipment AB	(87) JP2011068145
(72) MASTRO, Jacob Peter	(72) BJURMAN, Magnus	08.03.2012
(31) 201615180464	(51) F02D 19/06	(22) 09.08.2011
(32) 13.06.2016	F02M 47/02	(54) CONTROL DEVICE FOR VEHICLE
(33) United States of America	F02M 43/04	(73) Nissan Motor Co., Ltd
(51) F02C 9/28	(11) EP3169888	(72) MORI, Tomoya
(11) EP3101252	(21) EP15736196.5	ICHIBA, Junso

KOBAYASHI, Shinichi	(22) 20.10.2008	(47) 30.01.2019
OKUMURA, Yayoi	(54) INTERNAL COMBUSTION ENGINE	(87) EP2014061233
TAKAHASHI, Tomohiko	CONTROLLER	31.12.2014
ONO, Masashi	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(22) 30.05.2014
HAMANO, Keisuke	(72) TOMIMATSU, Makoto	(54) METHOD FOR DETERMINING THE
TOMITA, Masayuki	HOSHI, Koichi	ABSOLUTE INJECTION QUANTITY IN
KOUNO, Toshiya	SUDA, Shogo	AN INTERNAL COMBUSTION ENGINE
SATOU, Ritsuo	(51) F02D 41/14	AND ARRANGEMENT THEREFOR
KOYAMA, Hirokimi	F02D 41/26	(73) Robert Bosch GmbH
TAKAHATA, Toshio	F02D 41/38	(72) HORN, Christian
SHIMIZU, Masayuki	F02M 63/02	(31) 102013212334
IRIYA, Yuuichi	F02D 41/22	(32) 26.06.2013
(31) 2010195252	F02D 41/00	(33) Germany
(32) 01.09.2010	(11) EP2370683	(51) F02D 41/30
(33) Japan	(21) EP09804200.5	F01N 9/00
(51) F02D 41/06	(47) 30.01.2019	F02D 41/02
F02D 41/14	(87) FI2009051000	F02D 41/40
F02D 41/34	08.07.2010	B01D 53/94
F02D 35/00	(22) 15.12.2009	F02D 41/14
F02D 35/02	(54) PRESSURE CONTROL IN A COMMON	(11) EP2148071
F02D 41/24	RAIL SYSTEM OF A COMBUSTION	(21) EP09009110.9
F02D 41/28	ENGINE	(47) 23.01.2019
F02D 41/22	(73) Wärtsilä Finland Oy	(22) 13.07.2009
(11) EP3292290	(72) KAAS, Tom	(54) Particulate filter regenerating system
(21) EP16725893.8	TROBERG, Tom	(73) Mazda Motor Corporation
(47) 30.01.2019	(31) 20086255	(72) Harada, Koichiro
(87) IB2016000574	(32) 31.12.2008	Yamada, Hiroshi
10.11.2016	(33) Finland	Takami, Akihide
(22) 02.05.2016	(51) F02D 41/20	(31) 2008189533
(54) A SYSTEM FOR CONTINUOUS	F02M 61/10	(32) 23.07.2008
CONTROL OF AIR-FUEL RATIO WITH	(11) EP2375036	(33) Japan
IONIZATION CURRENT	(21) EP11161583.7	(51) F02D 41/34
(73) Emak S.p.A.	(47) 23.01.2019	F01N 3/021
(72) GRISENDI, Alessandro	(22) 07.04.2011	F02D 41/02
LO CASALE, Walter	(54) Method for determining the closing time of	F02D 41/30
BARBOLINI, Gianluca	an electromagnetic fuel injector	(11) EP2787206
FERRARI, Marco	(73) Magneti Marelli S.p.A.	(21) EP11876478.6
(31) RE20150037	(72) Serra, Gabriele	(47) 23.01.2019
(32) 07.05.2015	Parotto, Marco	(87) JP2011077936
(33) Italy	Armeni, Saverio	06.06.2013
(51) F02D 41/10	Santamato, Luigi	(22) 02.12.2011
F02D 23/02	Tricarico, Romito	(54) FUEL INJECTION SYSTEM FOR
B60W 10/06	(31) BO20100207	INTERNAL COMBUSTION ENGINE
B60W 10/10	(32) 07.04.2010	(73) Toyota Jidosha Kabushiki Kaisha
B60W 30/188	(33) Italy	(72) IRISAWA, Yasuyuki
(11) EP2183691	(51) F02D 41/24	(51) F02D 41/38
(21) EP07811798.3	F02D 41/20	(11) EP2649288
(47) 30.01.2019	(11) EP2501917	(21) EP11801833.2
(87) US2007061744	(21) EP10773030.1	(47) 23.01.2019
26.02.2009	(47) 23.01.2019	(87) IB2011002947
(22) 23.08.2007	(87) EP2010065873	14.06.2012
(54) METHOD AND SYSTEM FOR	26.05.2011	(22) 07.12.2011
CALCULATING OUTPUT TORQUE	(22) 21.10.2010	(54) FUEL SUPPLY APPARATUS FOR
PRODUCED BY A TURBOCHARGED	(54) METHOD AND DEVICE FOR	INTERNAL COMBUSTION ENGINE
ENGINE	CONTROLLING A METERING	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(73) International Engine Intellectual Company	CONTROL VALVE	(72) SAITO, Kenichi
LLC	(73) Robert Bosch GmbH	(31) 2010273672
(72) RODRIGUEZ, Rogelio	(72) WILMS, Rainer	(32) 08.12.2010
LACK, Adam	SCHUMACHER, Matthias	(33) Japan
(51) F02D 41/12	KUEMPEL, Joerg	(51) F02D 41/38
F02D 13/02	MAESS, Matthias	F02D 19/10
F02D 41/04	(31) 102009046783	F02M 21/02
F02D 41/14	(32) 17.11.2009	F02M 25/00
(11) EP2339155	(33) Germany	F02M 43/02
(21) EP08877565.5	(51) F02D 41/24	F02M 43/04
(47) 30.01.2019	G01M 15/04	(11) EP3014094
(87) JP2008069383	(11) EP3014093	(21) EP14817197.8
29.04.2010	(21) EP14730478.6	(47) 30.01.2019

- (87) CA2014050583
31.12.2014
(22) 20.06.2014
(54) MODULE FOR CONTROLLING
FUEL PRESSURE IN AN INTERNAL
COMBUSTION ENGINE
(73) Westport Power Inc.
(72) MARK, Randall, T.
WALKER, James, D.
(31) 2820013
(32) 28.06.2013
(33) Canada
-
- (51) F02D 45/00
H04L 1/08
H04L 29/08
F02D 41/26
(11) EP2940279
(21) EP13856368.9
(47) 30.01.2019
(87) JP2013078892
30.05.2014
(22) 25.10.2013
(54) CONTROL DEVICE
(73) Hitachi Automotive Systems, Ltd.
(72) OYAMA, Katsuya
SATO, Chihiro
WATANABE, Mitsuhiko
(31) 2012257353
(32) 26.11.2012
(33) Japan
-
- (51) F02F 7/00
B23P 13/00
(11) EP2622197
(21) EP11749742.0
(47) 23.01.2019
(87) EP2011004300
05.04.2012
(22) 26.08.2011
(54) METHOD FOR PRODUCING A
VENTILATION BORE IN A THRUST
BEARING OF A CRANKCASE OF
A RECIPROCATING INTERNAL
COMBUSTION ENGINE
(73) Bayerische Motoren Werke
Aktiengesellschaft
(72) TÄNZER, Lars
KRÖNINGER, Hans-Rainer
(31) 102010041840
(32) 01.10.2010
(33) Germany
-
- (51) F02K 1/12
F01D 17/08
F01D 17/14
F02K 3/06
F02K 3/04
F02K 3/075
F02C 9/18
(11) EP2184480
(21) EP09252067.5
(47) 30.01.2019
(22) 26.08.2009
(54) A gas turbine engine with variable area
exhaust nozzle and method of operating such
a gas turbine engine
(73) Rolls-Royce plc
(72) Hillel, Malcolm Laurence
Brown, Stephen Geoffrey
(31) 0820174
- (32) 05.11.2008
(33) United Kingdom
-
- (51) F02K 1/48
F02K 1/38
(11) EP3181880
(21) EP16191570.7
(47) 30.01.2019
(22) 29.09.2016
(54) GAS TURBINE ENGINE EXHAUST
MIXER WITH LOBES CROSS-OVER
OFFSET
(73) Pratt & Whitney Canada Corp.
(72) BISSON, Francois
(31) 201562234192 P
(32) 29.09.2015
(33) United States of America
-
- (51) F02K 1/80
F01D 25/00
F01D 25/24
F02C 7/00
F02K 1/64
F02K 3/02
(11) EP3085940
(21) EP14872614.4
(47) 30.01.2019
(87) JP2014080210
25.06.2015
(22) 14.11.2014
(54) FAN CASE AND FAN CASE
MANUFACTURING METHOD
(73) IHI Corporation
IHI Aerospace Co., Ltd.
(72) TANAKA, Agamu
MORI, Yuji
HARADA, Takashi
OKUMURA, Ikuo
ISHIMOTO, Kenji
(31) 2013263774
(32) 20.12.2013
(33) Japan
-
- (51) F02K 1/82
F02C 7/24
F01D 25/30
B64D 41/00
F02C 7/32
F02K 1/34
(11) EP2971733
(21) EP14769728.8
(47) 30.01.2019
(87) US2014019824
25.09.2014
(22) 03.03.2014
(54) APU EXHAUST SYSTEM
(73) United Technologies Corporation
(72) NAGER, Eric Andrew
NAPIER, James C.
REHMAN, Farooq
JONES, Anthony C.
(31) 201361789811 P
(32) 15.03.2013
(33) United States of America
-
- (51) F02K 3/04
F01D 5/30
(11) EP2938872
(21) EP13867313.2
(47) 30.01.2019
(87) US2013026561
03.07.2014
- (22) 18.02.2013
(54) BLADE UNDERROOT SPACER WITH
HOOK REMOVAL
(73) United Technologies Corporation
(72) MURDOCK, James R.
(31) 201261746164 P
(32) 27.12.2012
(33) United States of America
-
- (51) F02K 3/08
F02K 9/46
F02K 9/62
F02K 9/80
F03H 99/00
F03H 1/00
(11) EP2681438
(21) EP12751939.5
(47) 23.01.2019
(87) US2012027324
07.09.2012
(22) 01.03.2012
(54) FAULT TOLERANT CONTROL SYSTEM
FOR DISTRIBUTED MICRO-THRUSTERS
(73) Game Changers, Llc
(72) ZONENBERG, Andrew D.
SANCHEZ, Jason D.
GARBUZ, Piotr A.
(31) 201161448621 P
(32) 02.03.2011
(33) United States of America
-
- (51) F02K 3/12
B64D 31/12
F02C 3/10
F02C 9/46
F02C 9/56
(11) EP3123020
(21) EP15717551.4
(47) 30.01.2019
(87) FR2015050697
01.10.2015
(22) 20.03.2015
(54) METHOD FOR DETECTING A FAILURE
OF A FIRST TURBINE ENGINE OF A
TWIN-ENGINE HELICOPTER AND FOR
OPERATING THE SECOND TURBINE
ENGINE, AND CORRESPONDING
DEVICE
(73) Safran Helicopter Engines
(72) LESCHER, Fabien
MARIN, Jean Philippe, Jacques
ETCHEPARE, Philippe
(31) 1452642
(32) 27.03.2014
(33) France
-
- (51) F02K 9/64
(11) EP3246559
(21) EP17171460.3
(47) 30.01.2019
(22) 17.05.2017
(54) ROCKET PROPULSION SYSTEM AND
METHOD FOR OPERATING THE SAME
(73) ArianeGroup GmbH
(72) Gotzig, Ulrich
Wurdak, Malte
(31) 102016208730
(32) 20.05.2016
(33) Germany
-
- (51) F02M 7/11
F02M 7/127

F02M 5/00	(11) EP2711533	F02M 63/00
F02M 17/34	(21) EP13182305.6	F02M 55/02
(11) EP3219972	(47) 23.01.2019	F02M 59/46
(21) EP17160778.1	(22) 30.08.2013	(11) EP3158185
(47) 23.01.2019	(54) Combustion engine	(21) EP15720091.6
(22) 14.03.2017	(73) Bayerische Motoren Werke	(47) 30.01.2019
(54) FUEL SUPPLY APPARATUS FOR	Aktiengesellschaft	(87) EP2015059840
GENERAL PURPOSE ENGINE	(72) Düngen, Rainer	23.12.2015
(73) Honda Motor Co., Ltd.	Ritter, Stefan	(22) 05.05.2015
(72) MIYAUCHI, Tomohiro	(31) 102012217285	(54) HIGH-PRESSURE FUEL PUMP FOR A
(31) 2016051529	(32) 25.09.2012	FUEL SYSTEM FOR AN INTERNAL
(32) 15.03.2016	(33) Germany	COMBUSTION ENGINE
(33) Japan	(51) F02M 35/112	(73) Robert Bosch GmbH
(51) F02M 25/12	F02M 35/16	(72) KLEINDL, Michael
(11) EP2788610	F02M 69/04	ANDRETZKY, Peter
(21) EP12768730.9	(11) EP2236806	(31) 102014211622
(47) 23.01.2019	(21) EP10155447.5	(32) 17.06.2014
(87) EP2012004116	(47) 23.01.2019	(33) Germany
18.04.2013	(22) 04.03.2010	(51) F02N 5/04
(22) 01.10.2012	(54) INTAKE PASSAGE STRUCTURE OF	F02N 15/02
(54) AIR CENTRIFUGE DEVICE	INTERNAL COMBUSTION ENGINE	(11) EP2497940
(73) Prieur, Andre	(73) Honda Motor Co., Ltd.	(21) EP12001625.8
(72) Prieur, Andre	(72) Masaaki, Negoro	(47) 23.01.2019
(31) 1103087	Toshio, Yamamoto	(22) 09.03.2012
(32) 11.10.2011	Ryuichi, Abe	(54) Method for operating a rail-free vehicle
(33) France	Shuichi, Ochiai	(73) Volkswagen Aktiengesellschaft
(51) F02M 26/00	Takanori, Osuka	(72) Schamscha, Axel
F02D 41/00	Tomokazu, Nomura	Kalms, Rene, Dr.
F02D 21/08	(31) 2009086484	Schwieger, Stephan
F02M 26/22	(32) 31.03.2009	(31) 102011013528
F02D 41/12	(33) Japan	102011109353
F02D 41/14	(51) F02M 57/00	(32) 10.03.2011
(11) EP2837808	G01L 9/00	03.08.2011
(21) EP12874094.1	G01L 19/14	(33) Germany
(47) 23.01.2019	G01L 23/10	Germany
(87) JP2012060034	(11) EP3032087	(51) F02P 3/05
17.10.2013	(21) EP15192609.4	F02P 15/08
(22) 12.04.2012	(47) 30.01.2019	F02P 9/00
(54) DEVICE FOR CONTROLLING FLOW	(22) 02.11.2015	F02P 15/10
RATE OF INTERNAL COMBUSTION	(54) INJECTOR	(11) EP2203640
ENGINE	(73) ROBERT BOSCH GMBH	(21) EP08804059.7
(73) Toyota Jidosha Kabushiki Kaisha	(72) Melcher, Reinhold	(47) 23.01.2019
(72) YAMASHITA, Akira	Fischer, Fabian	(87) EP2008062094
MORI, Kazuhiro	Forke, Martin	30.04.2009
NAKATANI, Koichiro	(31) 102014225296	(22) 11.09.2008
OHKI, Hisashi	(32) 09.12.2014	(54) Electronic control, control device and method
(51) F02M 35/104	(33) Germany	for controlling a multiple spark operation of
F02D 9/10	(51) F02M 59/46	an internal combustion engine
F02B 27/02	F02M 63/00	(73) Robert Bosch GmbH
F02M 35/10	(11) EP3135900	(72) MAIER, Mario
F16K 1/22	(21) EP15782325.3	OPITZ, Bernhard
F16K 1/226	(47) 30.01.2019	SENFTLEBEN, Hartwig
(11) EP2728158	(87) JP2015061777	HILGENBERG, Bernd
(21) EP12197367.1	29.10.2015	(31) 102007051249
(47) 23.01.2019	(22) 17.04.2015	(32) 26.10.2007
(22) 14.12.2012	(54) HIGH-PRESSURE FUEL SUPPLY PUMP	(33) Germany
(54) Surge tank with an air intake control valve	(73) Hitachi Automotive Systems, Ltd.	(51) F02P 3/05
(73) AISIN SEIKI KABUSHIKI KAISHA	(72) TOKUO Kenichirou	F02P 23/04
(72) Ishii, Masato	YAMADA Hiroyuki	F02P 9/00
Kato, Takuya	USUI Satoshi	F23N 5/00
Oya, Shimichi	SUGANAMI Masayuki	F23Q 3/00
Inoue, Masaru	SAITO Atsuji	(11) EP2673497
(31) 2012241500	YAGAI Masamichi	(21) EP12745100.3
(32) 01.11.2012	SASO Yuta	(47) 23.01.2019
(33) Japan	(31) 2014090817	(87) CA2012000113
(51) F02M 35/104	(32) 25.04.2014	16.08.2012
F02M 35/112	(33) Japan	(22) 10.02.2012
F02B 33/44	(51) F02M 63/02	

(54) SYSTEM, CIRCUIT, AND METHOD FOR CONTROLLING COMBUSTION	H02K 7/18	(51) F03D 7/02
(73) Sphenic Technologies Inc.	(11) EP2318697	(11) EP3029317
(72) PLOTNIKOV, Alexandre	(21) EP08813472.1	(21) EP15198059.6
(31) 201161441701 P	(47) 23.01.2019	(47) 30.01.2019
201161485770 P	(87) SE2008050975	(22) 04.12.2015
(32) 11.02.2011	04.03.2010	(54) METHOD AND APPARATUS FOR REDUCTION OF FATIGUE AND GUST LOADS ON WIND TURBINE BLADES
13.05.2011	(22) 28.08.2008	(73) Siemens Aktiengesellschaft
(33) United States of America	(54) A WAVE-POWER UNIT, AND A USE OF A SUCH	(72) Dixon, Kristian R.
United States of America	(73) Seabased AB	Mayda, Edward A.
(51) F02P 23/04	(72) LEIJON, Mats	(31) 201414561309
(11) EP1697634	GUSTAFSSON, Stefan	(32) 05.12.2014
(21) EP04803290.8	(51) F03B 13/26	(33) United States of America
(47) 23.01.2019	F03B 17/06	
(87) EP2004013421	(11) EP3212924	(51) F03D 7/04
30.06.2005	(21) EP15787641.8	F03D 7/02
(22) 26.11.2004	(47) 30.01.2019	F03D 17/00
(54) METHOD FOR IGNITING COMBUSTION OF FUEL IN A COMBUSTION CHAMBER OF AN ENGINE, ASSOCIATED DEVICE AND ENGINE	(87) EP2015075457	(11) EP3263889
(73) MWI Micro Wave Ignition AG	06.05.2016	(21) EP17178201.4
(72) GALLATZ, Volker	(22) 02.11.2015	(47) 23.01.2019
HIRSCH, Nikita	(54) WATER TURBINE ASSEMBLY	(22) 27.06.2017
TARASOVA, Irina	(73) Gkinetic Energy Limited	(54) SYSTEM AND METHOD FOR ASSESSING FARM-LEVEL PERFORMANCE OF A WIND FARM
(31) 10356916	(72) MCCORMACK, Vincent	(73) General Electric Company
(32) 01.12.2003	(31) 201419459	(72) WILSON, Megan
(33) Germany	(32) 31.10.2014	KERN, Stefan
(51) F03B 3/18	(33) United Kingdom	CHANDRASHEKAR, Siddhanth
F03B 15/04	(51) F03B 15/00	AMBEKAR, Akshay
F03B 13/10	F03B 13/26	(31) 201615194686
(11) EP3132135	(11) EP3146199	(32) 28.06.2016
(21) EP15779595.6	(21) EP15723182.0	(33) United States of America
(47) 30.01.2019	(47) 30.01.2019	(51) F03D 7/04
(87) CA2015000253	(87) EP2015059917	H02J 3/38
22.10.2015	26.11.2015	(11) EP2926002
(22) 16.04.2015	(22) 06.05.2015	(21) EP13798920.8
(54) SUBMERSIBLE ELECTRICAL WICKET GATES OPERATOR	(54) METHOD FOR OPERATING A TIDAL POWER PLANT	(47) 23.01.2019
(73) Franklin Empire	(73) Voith Patent GmbH	(87) DK2013050398
(72) ST-LAURENT, Daniel	(72) SCHREPLER, Remus	05.06.2014
FERLAND, Thomas	(31) 102014209616	(22) 25.11.2013
BOUCHARD, Samuel	(32) 21.05.2014	(54) POWER PLANT GENERATION SYSTEM, METHOD FOR CONTROLLING WIND TURBINE GENERATORS, POWER PLANT CONTROLLER AND WIND TURBINE GENERATOR
OTTH, Denis	(33) Germany	(73) Vestas Wind Systems A/S
PICRON, Donat	(51) F03B 17/06	(72) LI, Yishan
(31) 201461980122 P	F03B 13/26	LIU, Chen
(32) 16.04.2014	F03B 15/00	NGUYEN, Dinh Duc
(33) United States of America	(11) EP3164597	SUN, Liang
(51) F03B 9/00	(21) EP15747529.4	ZHOU, Yi
F03B 7/00	(47) 30.01.2019	(31) 201270743
F03B 13/08	(87) IB2015000920	201261731822 P
F03B 17/00	07.01.2016	(32) 30.11.2012
(11) EP3276159	(22) 11.06.2015	30.11.2012
(21) EP17183635.6	(54) DEVICE FOR GENERATING HYDRO-ELECTRIC ENERGY	(33) Denmark
(47) 23.01.2019	(73) Van Rompay, Boudewijn Gabriel	United States of America
(22) 27.07.2017	(72) Van Rompay, Boudewijn Gabriel	(51) F03D 9/00
(54) INSTALLATION FOR GENERATING ELECTRICITY	(31) 201400514	(11) EP2411671
(73) Cariou, Joseph	(32) 04.07.2014	(21) EP10756396.7
(72) CARIOU, Alain	(33) Belgium	(47) 30.01.2019
CARIOU, Joseph	(51) F03D 1/06	(87) NO2010000109
CARIOU, Cédric	F03D 80/50	30.09.2010
CARIOU, Kevin	(11) EP2949921	(22) 22.03.2010
CARIOU, Loic	(21) EP14170286.0	(54) FLOATING, ANCHORED INSTALLATION FOR ENERGY PRODUCTION
(31) 1657387	(47) 30.01.2019	(73) EnerOcean S.L.
(32) 29.07.2016	(22) 28.05.2014	
(33) France	(54) Rotor hub for a wind turbine	
(51) F03B 13/18	(73) Siemens Aktiengesellschaft	
	(72) Pedersen, Bo	
	Thomsen, Kim	

(72) RØYSETH, Dagfinn, Jarl (31) 20091207 20091933 (32) 23.03.2009 19.05.2009 (33) Norway Norway	(54) WIND TURBINE GEARBOX LUBRICATION SYSTEM (73) REM Technologies, Inc. (72) MICHAUD, Mark, D. BENSON, Ronald, E. SROKA, Gary, J. WINKELMANN, Lane	(72) OHLIGSCHLÄGER, Olaf ROLLAND, Thomas KEMPER, Jeannette MÜLLER, Axel (31) 102015007464 (32) 09.06.2015 (33) Germany
(51) F03D 9/10 F03D 1/04 F03D 3/04 F03D 9/11 F01D 15/10 F03D 80/00 F03D 9/25 (11) EP3027898 (21) EP14777779.1 (47) 30.01.2019 (87) IB2014063156 05.02.2015 (22) 16.07.2014 (54) AUXILIARY GENERATOR OF ELECTRICAL ENERGY (73) Munerato, Claudio Castaldini, Sandra (72) Munerato, Claudio Castaldini, Sandra (31) BO20130423 (32) 31.07.2013 (33) Italy	(51) F03G 7/06 H02N 1/08 H02N 10/00 H02K 7/18 H02N 2/18 (11) EP2844871 (21) EP13719830.5 (47) 23.01.2019 (87) EP2013058833 07.11.2013 (22) 29.04.2013 (54) DEVICE FOR CONVERTING HEAT ENERGY INTO MECHANICAL ENERGY WITH IMPROVED EFFICIENCY (73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives (72) SAVELLI, Guillaume CORONEL, Philippe (31) 1254003 (32) 02.05.2012 (33) France	(51) F04B 1/20 F01B 3/00 (11) EP3271579 (21) EP16713959.1 (47) 30.01.2019 (87) FR2016050433 22.09.2016 (22) 24.02.2016 (54) HYDRAULIC MACHINE COMPRISING A CYLINDER BLOCK ROTATED BY THE OUTER EDGE THEREOF (73) Technoboost (72) GROULT, Antonin RENAULT, Aurelien SABRIE, Julien (31) 1552265 (32) 19.03.2015 (33) France
(51) F03D 17/00 G01M 5/00 (11) EP3141746 (21) EP16166971.8 (47) 23.01.2019 (22) 26.04.2016 (54) METHOD OF CALIBRATING LOAD MEASUREMENT APPARATUS, LOAD MEASUREMENT SYSTEM OF WIND TURBINE BLADE, AND WIND TURBINE (73) Mitsubishi Heavy Industries, Ltd. (72) BABA, Mitsuya ARIKI, Wakako (31) 2015179016 (32) 11.09.2015 (33) Japan	(51) F04B 1/04 (11) EP2875239 (21) EP13740237.6 (47) 23.01.2019 (87) EP2013065135 23.01.2014 (22) 17.07.2013 (54) PUSHROD ARRANGEMENT (73) Continental Automotive GmbH (72) NIGRIN, Uwe VU, Ngoc-Tam (31) 102012212579 (32) 18.07.2012 (33) Germany	(51) F04B 7/00 F04B 39/10 F16K 3/08 F16K 11/074 F16K 31/04 (11) EP2817514 (21) EP12813169.5 (47) 23.01.2019 (87) US2012067138 29.08.2013 (22) 29.11.2012 (54) ROTATING COMPRESSOR VALVE (73) GE Oil & Gas Compression Systems, LLC (72) OULMAN, Spencer T. SEMBERA, Kyle W. KABIR, Omar M. RIGGS, Thomas C. (31) 201213403761 (32) 23.02.2012 (33) United States of America
(51) F03D 80/30 F03D 1/06 (11) EP2930356 (21) EP14164231.4 (47) 30.01.2019 (22) 10.04.2014 (54) Wind turbine rotor blade with a lightning protection system (73) Nordex Energy GmbH (72) Rehm, Wolfgang Dr. Baars, Peter	(51) F04B 1/04 F03C 1/04 F03C 1/30 (11) EP3258100 (21) EP17176083.8 (47) 23.01.2019 (22) 14.06.2017 (54) PISTON FOR A HYDRAULIC MACHINE WITH RADIAL PISTONS HAVING LIMITED FRICTION (73) Poclairn Hydraulics Industrie (72) LEMAIRE, Gilles (31) 1655632 (32) 16.06.2016 (33) France	(51) F04B 11/00 F04B 15/08 F04B 39/00 F16L 55/052 (11) EP3118455 (21) EP16174223.4 (47) 23.01.2019 (22) 13.06.2016 (54) PULSATION DAMPER DEVICE (73) Fives Cryomec AG (72) Seillot, Matthieu Boeglin, Stéphane Lewon, Ivan (31) 10372015 (32) 16.07.2015 (33) Switzerland
(51) F03D 80/70 F16H 57/04 F03D 15/10 F03D 15/00 C10M 171/02 (11) EP2756189 (21) EP11781937.5 (47) 23.01.2019 (87) US2011058441 02.05.2013 (22) 28.10.2011	(51) F04B 1/04 F04B 17/04 (11) EP3308019 (21) EP16739020.2 (47) 23.01.2019 (87) EP2016000932 15.12.2016 (22) 06.06.2016 (54) RECIPROCATING PISTON PUMP WITH INPUT-SIDE FLOW RATE LIMITATION (73) Thomas Magnete GmbH	(51) F04B 23/04 F04B 49/00 F04B 49/08 (11) EP3078855 (21) EP16164273.1 (47) 30.01.2019 (22) 07.04.2016

(54) HYDRAULIC ASSEMBLY	H02K 7/14	(72) PACHETTI, Carlo
(73) Reintjes GmbH	H02K 21/22	(51) F04C 18/02
(72) Schüder, Neels	F25B 1/02	(11) EP2693056
(31) 102015206464	F25B 31/02	(21) EP11862770.2
(32) 10.04.2015	(11) EP3176437	(47) 23.01.2019
(33) Germany	(21) EP16831700.6	(87) JP2011057824
(51) F04B 27/18	(47) 30.01.2019	04.10.2012
F04B 53/10	(87) JP2016003598	(22) 29.03.2011
F16K 37/00	02.03.2017	(54) SCROLL COMPRESSOR
F16K 11/07	(22) 04.08.2016	(73) Hitachi-Johnson Controls Air Conditioning, Inc.
F16K 31/04	(54) CLOSED COMPRESSOR AND REFRIGERATION DEVICE	(72) IMADA Kouichi
(11) EP3194775	(73) Panasonic Corporation	MATSUNAGA Mutsunori
(21) EP15763346.2	(72) KAWANO, Hiroyuki	TSUCHIYA Takeshi
(47) 23.01.2019	(31) 2015165789	HASEGAWA Shuji
(87) EP2015071188	(32) 25.08.2015	FUKAYA Yoshihiro
24.03.2016	(33) Japan	TAKEDA Hiromu
(22) 16.09.2015	(51) F04B 39/10	CHIKANO Masatsugu
(54) ELECTRICAL CONTROL VALVE FOR AN AIR CONDITIONING COMPRESSOR	F04B 53/10	(51) F04C 18/02
(73) TE Connectivity Germany GmbH	F04B 45/04	F04B 39/02
(72) DOMKE, Daniel	(11) EP3061971	F04C 29/02
(31) 102014218525	(21) EP14855806.7	F04C 27/00
(32) 16.09.2014	(47) 30.01.2019	F04C 23/00
(33) Germany	(87) CN2014089585	F04C 11/00
(51) F04B 35/04	30.04.2015	(11) EP3232061
F04B 39/00	(22) 27.10.2014	(21) EP15866658.6
(11) EP3276174	(54) VALVE PLATE AND AIR PUMP PROVIDED WITH SAME	(47) 30.01.2019
(21) EP17153096.7	(73) Xiamen Koge Micro Tech Co., Ltd	(87) JP2015084859
(47) 23.01.2019	(72) ZHANG, Kunlin	16.06.2016
(22) 25.01.2017	(31) 201310512092	(22) 11.12.2015
(54) SEALED REFRIGERANT COMPRESSOR AND REFRIGERATION DEVICE	201310514092	(54) COMPRESSOR
(73) Panasonic Corporation	201310512134	(73) Daikin Industries, Ltd.
(72) KOBAYASHI, Hidenori	201420565479 U	(72) TOYAMA, Toshiyuki
SUMI, Masaki	(32) 25.10.2013	(31) 2014252520
IDE, Terumasa	25.10.2013	2014252521
KUBOTA, Akihiko	25.10.2013	2014252522
(31) 2016149265	28.09.2014	(32) 12.12.2014
(32) 29.07.2016	(33) China	12.12.2014
(33) Japan	China	12.12.2014
(51) F04B 35/04	China	(33) Japan
F04B 39/00	China	Japan
F04B 39/02	(51) F04C 2/18	Japan
F04B 39/12	F03C 2/08	(51) F04C 18/52
F04B 53/00	F04C 15/00	F04C 28/12
F04B 53/18	(11) EP3203083	(11) EP2518322
F16J 1/08	(21) EP15846157.4	(21) EP10838962.8
(11) EP2472113	(47) 23.01.2019	(47) 23.01.2019
(21) EP12161222.0	(87) JP2015077623	(87) JP2010007447
(47) 23.01.2019	07.04.2016	30.06.2011
(22) 08.05.2009	(22) 29.09.2015	(22) 22.12.2010
(54) Hermetic compressor	(54) GEAR PUMP OR GEAR MOTOR	(54) SINGLE-SCREW COMPRESSOR
(73) Panasonic Appliances Refrigeration Devices Singapore	(73) Daikin Industries, Ltd.	(73) Daikin Industries, Ltd.
(72) Inagaki, Ko	(72) TSUZUKI, Katsunari	(72) HOSSAIN, Mohammad Anwar
Nakano, Akira	(31) 2014201444	MASUDA, Masanori
Ishida, Yoshinori	(32) 30.09.2014	UENO, Hiromichi
Morita, Ichiro	(33) Japan	(31) 2009291027
(31) 2008124324	(51) F04C 2/332	2009291153
2008124325	F04C 14/22	(32) 22.12.2009
(32) 12.05.2008	(11) EP3303842	22.12.2009
12.05.2008	(21) EP15726998.6	(33) Japan
(33) Japan	(47) 30.01.2019	Japan
Japan	(87) EP2015062737	(51) F04C 29/00
(51) F04B 39/00	15.12.2016	F04C 18/16
F04B 39/02	(22) 08.06.2015	(11) EP2667032
F04B 35/04	(54) VARIABLE PENDULUM SLIDER LUBRICATION PUMP	(21) EP13163871.0
H02K 7/08	(73) Pierburg Pump Technology GmbH	(47) 23.01.2019
		(22) 16.04.2013
		(54) Screw compressor unit

(73) Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)	(73) Acer Incorporated	F01D 5/02
(72) Kitano, Toshiki	(72) WANG, Yung-Chih	(11) EP3203021
(31) 2012116650	HSIEH, Cheng-Wen	(21) EP17154650.0
(32) 22.05.2012	LIN, Kuang-Hua	(47) 30.01.2019
(33) Japan	CHENG, Cheng-Yu	(22) 03.02.2017
(51) F04D 9/04	LIAO, Wen-Neng	(54) SYSTEMS AND METHODS FOR
F04D 7/04	(31) 105126794	REDUCING FRICTION DURING GAS
(11) EP2655888	105126808	TURBINE ENGINE ASSEMBLY
(21) EP11802713.5	(32) 22.08.2016	(73) United Technologies Corporation
(47) 30.01.2019	22.08.2016	(72) BENJAMIN, Daniel
(87) EP2011073362	(33) Taiwan, Province of China	BALAMURUGAN, Kaliya
28.06.2012	Taiwan, Province of China	KAPSZUKIEWICZ, Daniel R.
(22) 20.12.2011	(51) F04D 19/00	(31) 201615017216
(54) PUMP DEVICE	F04D 29/54	(32) 05.02.2016
(73) Herborner Pumpentechnik GmbH & Co KG	F04D 29/64	(33) United States of America
(72) KORUPP, Sascha	(11) EP3274589	(51) F04D 29/38
KAHSNITZ, Michael	(21) EP16726792.1	(11) EP2570677
(31) 102010061494	(47) 30.01.2019	(21) EP10851350.8
(32) 22.12.2010	(87) EP2016056278	(47) 23.01.2019
(33) Germany	29.09.2016	(87) JP2010003233
(51) F04D 9/04	(22) 22.03.2016	17.11.2011
F04D 29/12	(54) AXIAL VENTILATOR WITH EXIT	(22) 13.05.2010
F04D 29/58	GUIDE VANE	(54) AXIAL FLOW BLOWER
B01D 19/00	(73) ebm-papst Mulfingen GmbH & Co. KG	(73) Mitsubishi Electric Corporation
F04D 7/06	(72) GEBERT, Daniel	(72) NAKASHIMA, Seiji
F16J 15/34	PISSARCZYK, Thorsten	KISE, Koji
(11) EP3061974	HOSS, Sebastian	HORIUCHI, Hirofumi
(21) EP16156671.6	(31) 102015205424	(51) F04D 29/44
(47) 30.01.2019	(32) 25.03.2015	(11) EP2655890
(22) 22.02.2016	(33) Germany	(21) EP10860902.5
(54) COOLING AND DEGASSING SYSTEM	(51) F04D 19/04	(47) 23.01.2019
FOR A HEAT TRANSFER PUMP	F04D 29/02	(87) US2010061754
(73) Dickow Pumpen GmbH & Co. KG.	(11) EP2565463	28.06.2012
(72) RUSS, Andreas	(21) EP12180536.0	(22) 22.12.2010
(31) 102015002397	(47) 23.01.2019	(54) VARIABLE-SPEED OIL-FREE
(32) 24.02.2015	(22) 15.08.2012	REFRIGERANT CENTRIFUGAL
(33) Germany	(54) Vacuum pump	COMPRESSOR WITH VARIABLE
(51) F04D 13/08	(73) Pfeiffer Vacuum GmbH	GEOMETRY DIFFUSER
F04D 29/02	(72) Conrad, Armin	(73) Danfoss A/S
F04D 29/22	Stanzel, Jörg	(72) SUN, Lin
F04D 29/44	Shirinov, Aleksandr	BRASZ, Joost
B29C 33/52	(31) 102011112691	(51) F04D 29/54
B29L 31/08	(32) 05.09.2011	F01D 5/14
B29D 99/00	(33) Germany	F02K 3/06
(11) EP2606238	(51) F04D 27/00	F04D 29/66
(21) EP11750019.9	F01D 21/00	F04D 29/68
(47) 30.01.2019	F01D 21/10	F01D 9/04
(87) US2011048018	F01D 25/00	F01D 25/16
23.02.2012	(11) EP2761188	(11) EP3256741
(22) 17.08.2011	(21) EP12766445.6	(21) EP16707883.1
(54) NON-METALLIC VERTICAL TURBINE	(47) 23.01.2019	(47) 23.01.2019
PUMP	(87) EP2012069064	(87) FR2016050274
(73) Ceco Environmental IP Inc.	04.04.2013	18.08.2016
(72) PARRY, William, W.	(22) 27.09.2012	(22) 09.02.2016
BURACHINSKY, Erik	(54) Systems and methods for determining the	(54) OUTLET GUIDE VANE STRUCTURE
(31) 374452 P	level of fouling of compressors	WITH IMPROVED AERODYNAMICS
(32) 17.08.2010	(73) Nuovo Pignone S.p.A.	(73) SAFRAN AIRCRAFT ENGINES
(33) United States of America	(72) GRECO, Giorgio	(72) DAMEVIN, Henri-Marie
(51) F04D 17/16	XIA, Hua	FESSOU, Philippe, Jacques, Pierre
F04D 29/42	PIERI, Alberto	MANIERE, Vianney, Christophe, Marie
F04D 29/44	SANGIORGIO, Vincenzo	SCHVALLINGER, Michaël, Franck,
(11) EP3287639	LUCAS, Patrick	Antoine
(21) EP17175583.8	DE BORTOLI, Lorenzo	(31) 1551013
(47) 30.01.2019	(31) CO20110039	(32) 09.02.2015
(22) 12.06.2017	(32) 29.09.2011	(33) France
(54) FAN MODULE AND ELECTRONIC	(33) Italy	(51) F04D 29/64
DEVICE USING THE SAME	(51) F04D 29/054	F04D 29/70
	F04D 29/64	(11) EP3250831

(21) EP16703445.3	(73) MTS Systems Corporation	ISHIKAWA Kouji
(47) 23.01.2019	(72) GRENIER, Glen, Charles	OOKI Takatoshi
(87) EP2016051407	(31) 201313843902	IMURA Shinya
04.08.2016	(32) 15.03.2013	
(22) 25.01.2016	(33) United States of America	(51) F16B 1/00
(54) HOLDING SYSTEM	(51) F15B 11/16	F16B 37/04
(73) EBM-Papst Mulfingen GmbH&CO. KG	(11) EP3236085	(11) EP3032113
(72) MÜNZ, Martin	(21) EP17160538.9	(21) EP15197320.3
(31) 102015201704	(47) 23.01.2019	(47) 30.01.2019
(32) 30.01.2015	(22) 13.03.2017	(22) 01.12.2015
(33) Germany	(54) AMPLIFIER VALVE FOR A CLOSED-CENTER-SYSTEM WORKING	(54) METHOD FOR FIXING A FIXING ELEMENT TO A FIXING RAIL AND FIXING ELEMENT
(51) F04D 29/66	HYDRAULIC SYSTEM FOR AN	(73) fischerwerke GmbH & Co. KG
F04D 29/42	AGRICULTURAL OR CIVIL	(72) Linka, Martin
F04D 29/02	ENGINEERING WORKING MACHINE	Lehmann, David
F04D 13/06	(73) CLAAS Industrietechnik GmbH	Peller, Manfred
(11) EP2873868	(72) Fedde, Thomas	Förmer, Thomas
(21) EP13806282.3	Kirchhoff, Manfred	(31) 102014018171
(47) 23.01.2019	(31) 102016107526	102015118314
(87) JP2013065641	(32) 22.04.2016	(32) 09.12.2014
27.12.2013	(33) Germany	27.10.2015
(22) 06.06.2013	(51) F15B 13/04	(33) Germany
(54) PUMP-SECURING STRUCTURE AND PUMP	F15B 21/04	Germany
(73) Nidec Sankyo Corporation	F16K 31/00	(51) F16B 5/06
(72) HARADA, Takaji	(11) EP3133296	F16B 2/24
FUJISJIMA, Makoto	(21) EP16001585.5	(11) EP3078863
(31) 2012136593	(47) 30.01.2019	(21) EP16163330.0
(32) 18.06.2012	(22) 16.07.2016	(47) 23.01.2019
(33) Japan	(54) VALVE DEVICE FOR CONTROLLING A FLUID FLOW, AND FLOW CONTROL VALVE	(22) 31.03.2016
(51) F04D 29/70	(73) Hydac Fluidtechnik GmbH	(54) FASTENING ASSEMBLY, ESPECIALLY FOR THE FIXING OF A COOLING APPARATUS TO A CUT-OUT IN A SWITCHGEAR CABINET DOOR OR THE SIDE OF A SWITCHGEAR CABINET
F04D 7/04	(72) Bär, Harald	(73) Rittal GmbH & Co. KG
F04D 29/44	Schäfer, Josef Christian	(72) Werb, Philipp
F04D 29/46	Friebe, Ferdinand	Immel, Manfred
F04D 29/54	Gandner, Philipp	(31) 102015105544
F04D 29/56	Gehring, Maximilian	(32) 10.04.2015
F04D 29/66	(31) 102015010849	(33) Germany
F15D 1/02	(32) 20.08.2015	(51) F16B 5/06
(11) EP2438307	(33) Germany	F16B 21/07
(21) EP10783786.6	(51) F15B 15/19	F16B 21/07
(47) 23.01.2019	B64D 1/06	(11) EP3047158
(87) US2010035505	(11) EP3312435	(21) EP14752830.1
09.12.2010	(21) EP17194702.1	(47) 30.01.2019
(22) 20.05.2010	(47) 23.01.2019	(87) EP2014067380
(54) APPARATUS FOR REDUCING TURBULENCE IN A FLUID STREAM	(22) 04.10.2017	26.03.2015
(73) National Oilwell Varco, L.P.	(54) CYLINDER FOR ACTUATING A PANTOGRAPH BELONGING TO A LOAD-HANGING DEVICE FOR AIRCRAFT	(22) 14.08.2014
(72) MARICA, Adrian	(73) Alkan	(54) CLIP CONNECTION
(31) 478015	(72) GUARALDO, Denis	(73) Bayerische Motoren Werke Aktiengesellschaft
(32) 04.06.2009	(31) 1660081	(72) HAMMER, Maik
(33) United States of America	(32) 18.10.2016	NIEKERK, Johann
(51) F04F 5/20	(33) France	(31) 102013218649
F04F 5/52	(51) F15B 21/14	(32) 18.09.2013
(11) EP3255283	E02F 9/12	(33) Germany
(21) EP16173864.6	E02F 9/22	(51) F16B 5/12
(47) 23.01.2019	E02F 9/20	A47B 88/931
(22) 10.06.2016	(11) EP3128187	A47B 88/43
(54) EJECTOR DEVICE FOR SUCTION CUPS	(21) EP14887989.3	A47B 88/423
(73) PIAB AB	(47) 30.01.2019	A47B 88/40
(72) ROSENQVIST, Magnus	(87) JP2014059886	(11) EP3167198
NILSSON, Jonas	08.10.2015	(21) EP15818950.6
(51) F15B 11/00	(22) 03.04.2014	(47) 30.01.2019
(11) EP2971796	(54) CONSTRUCTION MACHINE	(87) SE2015050810
(21) EP14721051.2	(73) Hitachi Construction Machinery Co., Ltd.	14.01.2016
(47) 30.01.2019	(72) HIJIKATA Seiji	(22) 09.07.2015
(87) US2014024253		(54) PANEL WITH A SLIDER
25.09.2014		
(22) 12.03.2014		
(54) SERVO ACTUATOR		

(73) Välinge Innovation AB	(11) EP2728210	(33) Sweden
(72) DERELÖV, Peter	(21) EP14153016.2	(51) F16C 11/06
BRÄNNSTRÖM, Hans	(47) 30.01.2019	(11) EP2592288
(31) 1450891	(22) 07.07.2011	(21) EP11803440.4
(32) 11.07.2014	(54) Combination of a bolt part with a nut	(47) 23.01.2019
(33) Sweden	(73) Gustav Klauke GmbH	(87) JP2011064059
(51) F16B 7/02	(72) Frenken, Egbert	12.01.2012
(11) EP3108146	(31) 102010036482	(22) 20.06.2011
(21) EP15710941.4	(32) 19.07.2010	(54) BALL JOINT AND METHOD FOR
(47) 30.01.2019	(33) Germany	PRODUCING BALL JOINT
(87) NL2015050104	(51) F16C 1/04	(73) NHK Spring Co., Ltd.
27.08.2015	E21B 7/08	(72) KURODA, Shigeru
(22) 19.02.2015	E21B 17/03	OHMURA, Shuji
(54) MECHANICAL TUBULAR ELEMENTS	E21B 4/00	(31) 2010154231
CONNECTION SYSTEM AND METHOD	F16D 3/205	(32) 06.07.2010
OF CONNECTING A FIRST AND	(11) EP2274526	(33) Japan
SECOND TUBULAR ELEMENT OF SUCH	(21) EP08874077.4	(51) F16C 17/02
A TUBULAR ELEMENTS CONNECTION	(47) 23.01.2019	F16C 37/00
SYSTEM	(87) CA2008002193	(11) EP3001048
(73) Topclamp B.V.	05.11.2009	(21) EP15186927.8
(72) MARIS, Adriaan Willem HuiBERT	(22) 16.12.2008	(47) 30.01.2019
(31) 2012293	(54) DRIVE SHAFT ASSEMBLY FOR A	(22) 25.09.2015
(32) 20.02.2014	DOWNHOLE MOTOR	(54) JOURNAL AIR BEARING WITH AIR-
(33) Netherlands	(73) Drecto Energy Services Ltd.	FILM-SUPPLY VENT
(51) F16B 19/10	(72) PRILL, Jonathan, Ryan	(73) Hamilton Sundstrand Corporation
F16B 5/06	VOGHELL, Mark, Louis, Philip	(72) McAULIFFE, Christopher
(11) EP2734739	(31) 49315	STRUZIAK, Ronald M.
(21) EP12737545.9	(32) 30.04.2008	COLSON, Darryl A.
(47) 23.01.2019	(33) United States of America	(31) 201414498283
(87) EP2012064095	(51) F16C 3/02	(32) 26.09.2014
24.01.2013	C21D 1/06	(33) United States of America
(22) 18.07.2012	C21D 1/18	(51) F16C 33/10
(54) FIXING DEVICE	C21D 6/00	F16C 32/04
(73) A. RAYMOND et Cie	C21D 9/28	F16C 39/02
(72) WEISSENFELD, Ronnie	C22C 38/06	(11) EP2710272
UTZ, Daniel	C22C 38/08	(21) EP12785628.4
BOKÜHN, Sven	C22C 38/40	(47) 23.01.2019
SCHNURPFEIL, Manuela	C22C 38/52	(87) US2012031957
(31) 102011108298	(11) EP2449137	22.11.2012
(32) 21.07.2011	(21) EP10742185.1	(22) 03.04.2012
(33) Germany	(47) 23.01.2019	(54) COAST DOWN BUSHING FOR
(51) F16B 25/00	(87) FR2010051400	MAGNETIC BEARING SYSTEMS
(11) EP3033533	06.01.2011	(73) Dresser-Rand Company
(21) EP14742154.9	(22) 02.07.2010	(72) MAIER, Martin D.
(47) 30.01.2019	(54) METHOD FOR PRODUCING	KIDD, H. Allan
(87) EP2014002006	MARTENSITIC STEEL WITH MIXED	(31) 201161486995 P
19.02.2015	HARDENING	(32) 17.05.2011
(22) 22.07.2014	(73) Safran Aircraft Engines	(33) United States of America
(54) CONCRETE SCREW	Aubert&Duval	(51) F16C 35/077
(73) fischerwerke GmbH & Co. KG	(72) FERRER, Laurent	F16C 19/06
(72) WEICHERT, Berthold	HERITIER, Philippe	F16C 35/04
(31) 102013108743	(31) 0954576	F16C 33/58
(32) 13.08.2013	(32) 03.07.2009	(11) EP3067581
(33) Germany	(33) France	(21) EP14860854.0
(51) F16B 33/00	(51) F16C 3/08	(47) 30.01.2019
(11) EP3153724	B21K 1/08	(87) JP2014078668
(21) EP16201008.6	(11) EP3084238	14.05.2015
(47) 23.01.2019	(21) EP14872168.1	(22) 28.10.2014
(22) 14.11.2012	(47) 30.01.2019	(54) BEARING DEVICE AND METHOD FOR
(54) SELF LOCKING THREADED FASTENER	(87) SE2014051443	MANUFACTURING BEARING DEVICE
SYSTEM	25.06.2015	(73) NSK Ltd.
(73) Safelock SA	(22) 03.12.2014	(72) ISHIBASHI Yutaka
(72) KAUFMANN, Beat	(54) CRANKSHAFT AND METHOD FOR	KATOUGI Takao
(31) 18222011	MANUFACTURING A CRANKSHAFT	(31) 2013232316
(32) 15.11.2011	(73) Scania CV AB	(32) 08.11.2013
(33) Switzerland	(72) LARSÉN, Per	(33) Japan
(51) F16B 37/08	(31) 1351559	(51) F16D 1/08
	(32) 20.12.2013	

(11) EP3118475	15.07.2013	(73) FCA US LLC
(21) EP16164126.1	30.07.2013	(72) NOGLE, Thomas, D.
(47) 30.01.2019	15.08.2013	(31) 201161538230 P
(22) 06.04.2016	(33) Germany	(32) 23.09.2011
(54) AXLE SLEEVE	Germany	(33) United States of America
(73) Goodrich Corporation	Germany	(51) F16D 51/00
(72) GANIS, Rony	Germany	F16D 65/09
(31) 201514683562	Germany	F16D 65/28
(32) 10.04.2015	Germany	(11) EP3146227
(33) United States of America	(51) F16D 13/75	(21) EP15722536.8
(51) F16D 3/14	(11) EP2778458	(47) 30.01.2019
F16D 3/12	(21) EP14000555.4	(87) EP2015060764
F16F 15/12	(47) 30.01.2019	26.11.2015
F16H 15/36	(22) 17.02.2014	(22) 15.05.2015
(11) EP3052825	(54) Vehicle clutch including wear adjuster	(54) BRAKE SYSTEM
(21) EP14851212.2	(73) AP Automotive Products Srl	(73) SAF-HOLLAND GmbH
(47) 30.01.2019	(72) Mazzarini, Nicola	(72) DREWES, Olaf
(87) CA2014000725	Caracini, Pietro	(31) 102014209909
09.04.2015	(31) 201304362	(32) 23.05.2014
(22) 01.10.2014	(32) 11.03.2013	(33) Germany
(54) DECOUPLER WITH CONTROLLED DAMPING	(33) United Kingdom	(51) F16D 55/228
(73) Litens Automotive Partnership	(51) F16D 28/00	F16D 65/097
(72) WILLIAMS, Warren J.	F16D 23/12	(11) EP2863086
LAPOS, Ron	F16H 25/24	(21) EP14188922.0
HAMERS, Gerald J.	F16H 25/22	(47) 30.01.2019
(31) 201361885373 P	(11) EP2834531	(22) 15.10.2014
201361891405 P	(21) EP13709445.4	(54) Disc brake pad and disc brake assembly
(32) 01.10.2013	(47) 23.01.2019	(73) AKEBONO BRAKE INDUSTRY CO., LTD.
16.10.2013	(87) EP2013055372	(72) Ueda, Masayuki
(33) United States of America	10.10.2013	Ishiguro, Isao
United States of America	(22) 15.03.2013	(31) 2013214645
(51) F16D 3/205	(54) ACTUATION DEVICE FOR A CLUTCH	(32) 15.10.2013
(11) EP3168490	(73) Schaeffler Technologies AG & Co. KG	(33) Japan
(21) EP15818289.9	(72) OTT, Philippe	(51) F16F 1/12
(47) 23.01.2019	(31) 102012205452	B60G 11/16
(87) JP2015069388	(32) 03.04.2012	F16F 9/32
14.01.2016	(33) Germany	B60G 11/14
(22) 06.07.2015	(51) F16D 41/12	B60G 11/52
(54) TRIPOD-TYPE CONSTANT-VELOCITY UNIVERSAL JOINT	(11) EP2542795	B60G 15/06
(73) NTN Corporation	(21) EP11751267.3	(11) EP3124821
(72) SUGIYAMA Tatsuro	(47) 23.01.2019	(21) EP15770185.5
(31) 2014140504	(87) US2011026832	(47) 23.01.2019
(32) 08.07.2014	09.09.2011	(87) JP2015051846
(33) Japan	(22) 02.03.2011	01.10.2015
(51) F16D 13/54	(54) DIECAST COUPLING MEMBER FOR USE IN AN ENGAGEABLE COUPLING ASSEMBLY	(22) 23.01.2015
F16D 13/58	(73) Means Industries, Inc.	(54) SUSPENSION COIL SPRING
F16D 13/56	(72) SHAW, David, W.	(73) NHK Spring Co., Ltd.
(11) EP2971828	RUTH, Stephen, M.	(72) ENOMOTO, Hideto
(21) EP14714580.9	PROUT, Jeffrey, J.	UMENO, Jun
(47) 30.01.2019	(31) 956110	OKURA, Ken
(87) DE2014200110	311033 P	OHMURA, Shuji
18.09.2014	(32) 30.11.2010	(31) 2014067465
(22) 05.03.2014	05.03.2010	(32) 28.03.2014
(54) CLUTCH SYSTEM	(33) United States of America	(33) Japan
(73) Schaeffler Technologies AG & Co. KG	United States of America	(51) F16F 1/12
(72) CHAMBRION, Martin	(51) F16D 48/02	F16F 1/00
RUF, Johannes	(11) EP2758687	F16F 15/06
(31) 102013204598	(21) EP12767194.9	F16F 15/067
102013204599	(47) 23.01.2019	B60G 11/14
102013207837	(87) US2012056589	B60G 11/16
102013213745	28.03.2013	C21D 7/06
102013214841	(22) 21.09.2012	F16F 1/04
102013216247	(54) APPARATUS AND METHOD FOR AUTOMATED TRANSMISSION CLUTCH FILL DURING ENGINE START-STOP OPERATION	C21D 9/02
(32) 15.03.2013	(11) EP3150880	(11) EP3150880
15.03.2013	(21) EP14893187.6	(21) EP14893187.6
29.04.2013	(47) 30.01.2019	(47) 30.01.2019
	(87) JP2014064165	(87) JP2014064165
		03.12.2015

- (22) 28.05.2014
(54) SUSPENSION SPRING DEVICE AND SUSPENSION COIL SPRING
(73) NHK Spring Co., Ltd.
(72) TANGE, Akira
OKADA, Hideki
-
- (51) F16F 1/373
F16F 9/30
H02K 5/24
(11) EP3043086
(21) EP15200701.9
(47) 30.01.2019
(22) 17.12.2015
(54) MOTOR
(73) JTEKT CORPORATION
BRIDGESTONE KBG CO., LTD
(72) MURASHIMA, Tetsuya
YAMAMOTO, Kazuhiro
KATO, Takanori
SEKINE, Masayuki
HIDA, Kazuyoshi
SAKATA, Koji
(31) 2014264209
(32) 26.12.2014
(33) Japan
-
- (51) F16F 7/06
F16F 9/12
(11) EP3143303
(21) EP16713060.8
(47) 23.01.2019
(87) IB2016050454
04.08.2016
(22) 29.01.2016
(54) ROTARY DAMPER WITH UNIDIRECTIONAL COUPLING
(73) Cultraro Automazione Engineering S.r.l.
(72) CULTRARO, Paolo
(31) TO20150067
(32) 29.01.2015
(33) Italy
-
- (51) F16F 7/12
B62D 21/15
F16F 7/00
(11) EP3059468
(21) EP14866097.0
(47) 30.01.2019
(87) JP2014081180
04.06.2015
(22) 26.11.2014
(54) SHOCK-ABSORBING PART
(73) Nippon Steel & Sumitomo Metal Corporation
(72) KOGA, Atsuo
TADOKORO, Kenichiro
(31) 2013245092
(32) 27.11.2013
(33) Japan
-
- (51) F16F 9/20
F16F 9/32
F16F 9/44
F16F 9/58
F16F 9/46
(11) EP1944523
(21) EP06822571.3
(47) 23.01.2019
(87) JP2006321614
10.05.2007
(22) 30.10.2006
(54) DAMPER
- (73) Yamaha Hatsudoki Kabushiki Kaisha
(72) SATOU, Masahiro
SAWAI, Seiji
YAMAZAKI, Yutaka
KONDOU, Katsuhiro
(31) 2005317581
(32) 31.10.2005
(33) Japan
-
- (51) F16F 9/34
F16K 31/06
(11) EP2813728
(21) EP14171935.1
(47) 30.01.2019
(22) 11.06.2014
(54) Piston slide valve
(73) Rausch & Pausch GmbH
(72) Bähr, Sebastian
Döhla, Werner
Kemnitz, Rocco
(31) 102013106215
(32) 14.06.2013
(33) Germany
-
- (51) F16F 9/346
(11) EP2406520
(21) EP10708189.5
(47) 23.01.2019
(87) EP2010052962
16.09.2010
(22) 09.03.2010
(54) GAS CYLINDER ACTUATOR WITH OVERTRAVEL SAFETY DEVICE
(73) Special Springs S.r.l.
(72) CAPPELLER, Augusto
FIORESE, Massimo
FANTINATO, Daniel
(31) PD20090043
PD20090096
(32) 10.03.2009
17.04.2009
(33) Italy
-
- (51) F16F 9/40
F16F 9/32
F16F 9/34
F16F 9/36
F16F 9/43
F16F 9/18
(11) EP3106708
(21) EP15796073.3
(47) 30.01.2019
(87) JP2015055460
26.11.2015
(22) 25.02.2015
(54) CYLINDER DEVICE
(73) KYB Corporation
(72) OGAWA, Takayuki
(31) 2014106934
(32) 23.05.2014
(33) Japan
-
- (51) F16F 13/10
B60K 5/12
F16F 13/08
(11) EP3184850
(21) EP15833538.0
(47) 23.01.2019
(87) JP2015070426
25.02.2016
(22) 16.07.2015
- (54) VIBRATION-DAMPING DEVICE
(73) Bridgestone Corporation
(72) NAGASAWA, Masakazu
UEKI, Akira
ONO, Shuhei
NAGASHIMA, Yasuyuki
(31) 2014167274
(32) 20.08.2014
(33) Japan
-
- (51) F16F 15/134
F16F 15/14
(11) EP2769116
(21) EP12770059.9
(47) 23.01.2019
(87) EP2012068897
25.04.2013
(22) 26.09.2012
(54) DRIVE SYSTEM FOR A VEHICLE
(73) ZF Friedrichshafen AG
(72) KOPP, Mathias
SCHIERLING, Bernhard
TRAUT, Michael
(31) 102011084744
(32) 19.10.2011
(33) Germany
-
- (51) F16F 15/14
(11) EP3260734
(21) EP17176480.6
(47) 23.01.2019
(22) 16.06.2017
(54) METHOD FOR THE PRODUCTION OF A FLYWHEEL MASS
(73) Moretto S.P.A.
(72) MORETTO, Alfredo
(31) UA20164639
(32) 24.06.2016
(33) Italy
-
- (51) F16F 15/32
(11) EP3256753
(21) EP17705885.6
(47) 30.01.2019
(87) EP2017053689
24.08.2017
(22) 17.02.2017
(54) SELF-ADHESIVE BALANCING WEIGHT FOR A VEHICLE WHEEL
(73) WEGMANN automotive GmbH
(72) HORNUNG, Thomas
SCHWENOLD, Hubert
KUHN, Benedikt
SCHENKER, Simon
(31) 16156457
(32) 19.02.2016
(33) European Patent Office (EPO)
-
- (51) F16G 5/08
F16G 5/20
D02G 3/32
D02G 3/44
D03D 15/08
D04B 1/18
D04B 21/18
(11) EP2549143
(21) EP11174889.3
(47) 23.01.2019
(22) 21.07.2011
(54) Power transmission belt, in particular V-ribbed belt
(73) ContiTech Antriebssysteme GmbH

(72) Baltes, Thomas Teves, Reinhard Mahnken, Claus-Lüder Kanzow, Henning Greiner, Christian	(22) 14.03.2017 (54) DRIVE DEVICE FOR DRIVING MOVABLE PORTION OF WINDMILL, AND WINDMILL	31.01.2013 (22) 31.05.2012 (54) METHOD FOR ASSEMBLING GEARBOX COMPONENTS
(51) F16G 13/06 (11) EP3165788 (21) EP16197241.9 (47) 23.01.2019 (22) 04.11.2016 (54) BICYCLE CHAIN AND MOTION TRANSMISSION SYSTEM COMPRISING SUCH A CHAIN	(73) Nabtesco Corporation (72) YOKOYAMA, Katsuhiko HOSODA, Shigeru (31) 2016050406 (32) 15.03.2016 (33) Japan	(73) Schaeffler Technologies AG & Co. KG (72) KRÄMER, Klaus LÖFFELMANN, Jochen (31) 102011079620 (32) 22.07.2011 (33) Germany
(73) CAMPAGNOLO S.R.L. (72) CIVIERO, Mirco FELTRIN, Mauri BISARELLO, Filippo	(51) F16H 57/04 (11) EP2955419 (21) EP15169911.3 (47) 30.01.2019 (22) 29.05.2015 (54) HYDRAULIC FLUSHING SYSTEM	(51) F16H 61/28 F16H 25/20 (11) EP2801738 (21) EP14166593.5 (47) 30.01.2019 (22) 30.04.2014 (54) Gear shift assembly for a motor vehicle transmission system
(31) UB20154794 (32) 06.11.2015 (33) Italy	(73) Deere & Company (72) Dauderman, Bradley C. Johannsen, Donald O. Mahrenholz, John R. Schaub, Chris J. Droessler, Kyle S. Althoff, Brian J. Simms, Todd R. Roling, Denis J.	(73) Magna PT B.V. & Co. KG (72) Bündler, Carsten (31) 102013104552 (32) 03.05.2013 (33) Germany
(51) F16H 19/04 F16H 55/26 F16H 55/10 H02K 1/16 H02K 7/116 H02K 21/22 H02K 1/27 H02K 11/00 F16H 57/04 H02K 1/14 (11) EP3255305 (21) EP15881312.1 (47) 23.01.2019 (87) KR2015012198 11.08.2016 (22) 13.11.2015 (54) POWER TRANSMISSION DEVICE	(31) 201414300930 (32) 10.06.2014 (33) United States of America (51) F16H 59/08 F16H 61/12 F16H 61/24 F16H 63/42 (11) EP3303882 (21) EP15727390.5 (47) 30.01.2019 (87) EP2015062441 08.12.2016 (22) 03.06.2015 (54) A SHIFTER FOR CONTROLLING THE TRANSMISSION OF A MOTOR VEHICLE, AND A METHOD FOR CONTROLLING THE TRANSMISSION OF A VEHICLE BY MEANS OF A SHIFTER	(51) F16J 9/06 F02F 5/00 F16J 9/12 (11) EP3205908 (21) EP17162241.8 (47) 23.01.2019 (22) 07.08.2012 (54) COMBINATION OIL RING (73) TPR CO., LTD. (72) AYUZAWA, Noriaki NAKAZAWA, Atsushi HAMA, Masahide SHIBUYA, Toshiyuki (31) 2011247286 2011279642 2012029097 (32) 11.11.2011 21.12.2011 14.02.2012 (33) Japan Japan Japan
(73) Sejin-igb Co., Ltd. (72) LIM, Sun Ho (31) 20150015889 (32) 02.02.2015 (33) Korea (Republic)	(73) Kongsberg Automotive AB (72) GUDASIC, Mattias	(31) 2011247286 2011279642 2012029097 (32) 11.11.2011 21.12.2011 14.02.2012 (33) Japan Japan Japan
(51) F16H 21/36 F01L 7/04 F01B 7/14 F02B 75/28 F16H 21/18 (11) EP3090150 (21) EP14833538.3 (47) 30.01.2019 (87) IB2014066816 18.06.2015 (22) 11.12.2014 (54) RECIPROCATING POSITIVE- DISPLACEMENT MACHINE WITH AN AUTOMATIC WORK FLUID TIMING DEVICE	(51) F16H 61/02 F16H 63/42 G07C 5/08 G09B 19/16 (11) EP2359032 (21) EP09827823.7 (47) 30.01.2019 (87) SE2009051281 27.05.2010 (22) 10.11.2009 (54) GEAR FEEDBACK SYSTEM	(51) F16J 15/02 F16J 15/10 B32B 15/082 B32B 15/092 B32B 15/095 B32B 15/20 (11) EP2890918 (21) EP13832026.2 (47) 30.01.2019 (87) US2013057648 06.03.2014 (22) 30.08.2013 (54) NOVEL BARRIER LAYER STACKS AND METHODS AND COMPOSITIONS THEREOF
(73) Vallacqua, Giulio (72) Vallacqua, Giulio (31) TO20130175 (32) 11.12.2013 (33) Italy	(73) Scania CV AB (publ) (72) ANDERSSON, Jonny BREDBERG, Linus (31) 0850087 (32) 21.11.2008 (33) Sweden	(73) Vitriplex Inc. (72) PRASAD, Ravi (31) 201261696113 P (32) 31.08.2012 (33) United States of America
(51) F16H 55/08 F03D 7/02 F03D 1/06 (11) EP3222882 (21) EP17160705.4 (47) 23.01.2019	(51) F16H 61/24 (11) EP2734751 (21) EP12724648.6 (47) 23.01.2019 (87) EP2012060297	(51) F16J 15/08 (11) EP3012493 (21) EP15191224.3

(47) 30.01.2019	(51) F16J 15/3232	(51) F16K 1/30
(22) 23.10.2015	F16J 15/3236	F16K 31/06
(54) CONFORMAL SEAL	(11) EP2963319	(11) EP3077711
(73) United Technologies Corporation	(21) EP15172251.9	(21) EP14799109.5
(72) DAVIS, Timothy M.	(47) 30.01.2019	(47) 30.01.2019
LUTJEN, Paul M.	(22) 16.06.2015	(87) EP2014003061
ROGERS, Mark J.	(54) GASKET	04.06.2015
(31) 201462068529 P	(73) Carl Freudenberg KG	(22) 15.11.2014
(32) 24.10.2014	(72) Näser, Hartmut	(54) EXTRACTION VALVE
(33) United States of America	Fietz, Roland	(73) Nissan Motor Co., Ltd
(51) F16J 15/32	(31) 102014009882	(72) HAUSMANN, Philipp
F16F 15/126	(32) 03.07.2014	(31) 102013019708
F16J 15/3208	(33) Germany	102013019877
F16J 15/3232	(51) F16J 15/3268	(32) 26.11.2013
(11) EP3184864	F16J 15/3284	28.11.2013
(21) EP15833463.1	F16J 15/00	(33) Germany
(47) 30.01.2019	F16J 15/3232	Germany
(87) JP2015072462	F16J 15/3252	(51) F16K 15/02
25.02.2016	(11) EP3078883	F16K 31/12
(22) 07.08.2015	(21) EP16164339.0	F16K 15/00
(54) SEALING STRUCTURE	(47) 23.01.2019	(11) EP3244108
(73) NOK Corporation	(22) 07.04.2016	(21) EP16461521.3
(72) KAMIYA Yusuke	(54) A GASKET	(47) 30.01.2019
MATSUI Hiroki	(73) FREUDENBERG SEALING	(22) 10.05.2016
OMOTO Shinya	TECHNOLOGIES S.A.S DI EXTERNA	(54) CHECK VALVES
NAKASHIMA Toru	ITALIA S.R.L.U	(73) Hamilton Sundstrand Corporation
(31) 2014167169	(72) ANGIULLI, Pasquale	(72) Czarnecki, Pawel
(32) 20.08.2014	BREUSA, Luca	Sergiadis, Theodoros
(33) Japan	VIGNOLO, Francesco	(51) F16K 15/03
(51) F16J 15/32	MILETTO, Stefano	(11) EP3263960
F16J 15/3232	BURO, Maurizio	(21) EP17174942.7
F16J 15/3236	(31) TO20150203	(47) 30.01.2019
F16J 15/3268	(32) 07.04.2015	(22) 08.06.2017
(11) EP2615337	(33) Italy	(54) DUAL PLATE SWING CHECK VALVE
(21) EP10857019.3	(51) F16J 15/34	(73) Castflow Valves, S.L.
(47) 23.01.2019	F16J 15/40	(72) GALLEGRO GALLARDO, Yolanda
(87) JP2010069972	(11) EP2662601	(31) 201630866
15.03.2012	(21) EP12803633.2	(32) 24.06.2016
(22) 10.11.2010	(47) 23.01.2019	(33) Spain
(54) SHAFT SEALING DEVICE	(87) JP2012062815	(51) F16K 15/14
(73) Eagle Industry Co., Ltd.	03.01.2013	B60S 1/56
(72) ARITA Yasuhisa	(22) 18.05.2012	B60S 1/48
(31) 2010203801	(54) SHAFT SEAL APPARATUS	B60S 1/58
(32) 11.09.2010	(73) Eagle Industry Co., Ltd.	(11) EP3274220
(33) Japan	EagleBurgmann Japan Co., Ltd.	(21) EP16720710.9
(51) F16J 15/32	(72) TAKIGAHIRA, Yoshiaki	(47) 23.01.2019
F16J 15/34	OSHII, Yoji	(87) EP2016000507
F16J 15/36	KANEKO, Atsushi	29.09.2016
(11) EP3132163	SATO, Tetsuya	(22) 23.03.2016
(21) EP15704527.9	(31) 2011146217	(54) VALVE AND CLEANING DEVICE FOR A
(47) 30.01.2019	(32) 30.06.2011	MOTOR VEHICLE
(87) EP2015052973	(33) Japan	(73) Audi AG
22.10.2015	(51) F16K 1/00	Fränkische Industrial Pipes GmbH & Co. KG
(22) 12.02.2015	F16K 31/122	(72) ORTENREITER, Andreas
(54) SLIP-RING SEAL ARRANGEMENT WITH	(11) EP2734756	SCHROETER, Soeren
BELLOWS ELEMENT	(21) EP12737223.3	(31) 102015003836
(73) EagleBurgmann Germany GmbH & Co. KG	(47) 23.01.2019	(32) 25.03.2015
(72) ZIEGENBEIN, Dieter	(87) EP2012003052	(33) Germany
RIES, Wolfgang	31.01.2013	(51) F16K 31/06
SCHICKTANZ, Rudolf	(22) 19.07.2012	(11) EP2158422
THELKE, Jörg	(54) VALVE MODULE	(21) EP08753963.1
WOPPOWA, Robert	(73) Festo AG & Co. KG	(47) 23.01.2019
EILETZ, Andreas	(72) MAICHL, Martin	(87) SE2008000343
HASELBACHER, Peter	WIRTL, Hannes	24.12.2008
BRUSTMANN, Elisabeth	DICKHOFF, Andreas	(22) 21.05.2008
(31) 102014207188	(31) 102011108177	(54) ELECTROMECHANICAL VALVE
(32) 15.04.2014	(32) 22.07.2011	(73) So Elektronik Ab
(33) Germany	(33) Germany	(72) JOHANSSON, Per-Ove

(31) 0701504 0800966	(22) 19.05.2017	(32) 13.05.2015
(32) 20.06.2007 29.04.2008	(54) IN-LINE SHUTOFF VALVES	(33) Denmark
(33) Sweden Sweden	(73) Hamilton Sundstrand Corporation	(51) F16L 3/12
(51) F16K 31/40	(72) SCHWALM, Gregory K.	F16L 3/10
F16K 31/385	McBRIEN, Gary M.	F16L 3/127
E03D 5/10	(31) 201615159268	F16L 3/133
E03D 3/06	(32) 19.05.2016	F16L 3/137
(11) EP1945980	(33) United States of America	E21F 17/02
(21) EP06816763.4	(51) F16K 49/00	H01Q 1/12
(47) 23.01.2019	F16K 27/00	H01Q 13/20
(87) US2006039825	(11) EP2370719	H02G 3/32
03.05.2007	(21) EP09828440.9	(11) EP3239577
(22) 10.10.2006	(47) 30.01.2019	(21) EP17152637.9
(54) AUTOMATIC FLUSH ACTUATION	(87) AU2009001542	(47) 23.01.2019
APPARATUS	03.06.2010	(22) 23.01.2017
(73) Advanced Modern Technologies Corp.	(22) 26.11.2009	(54) RETAINING DEVICE FOR A CABLE OR
(72) MAERCOVICH, Jorge	(54) A WATER DISCHARGE DEVICE	TUBE
MAERCOVICH, Leo	(73) Yewdall, Gary	(73) EFCO Befestigungstechnik AG
SHAO-KUANG, Liu	Pickering, Graham	(72) DOPPELBAUER, Thomas
(31) 260881	(72) Yewdall, Gary	(31) 503762016
(32) 26.10.2005	Pickering, Graham	(32) 27.04.2016
(33) United States of America	(31) 2008906123	(33) Austria
(51) F16K 43/00	(32) 26.11.2008	(51) F16L 3/12
F16K 17/04	(33) Australia	F16L 3/10
F16K 17/168	(51) F16K 51/00	F16L 3/127
(11) EP3158243	A61M 39/26	F16L 3/133
(21) EP15733492.1	F16L 33/24	F16L 3/137
(47) 30.01.2019	F16L 37/46	H01Q 1/12
(87) GB2015051792	F16L 15/00	H01Q 13/20
23.12.2015	A61M 39/00	H02G 3/32
(22) 19.06.2015	A61M 39/10	E21F 17/02
(54) IMPROVEMENTS TO SAFETY VALVE	(11) EP2411715	(11) EP3239576
CONNECTIONS	(21) EP10755526.0	(21) EP17152635.3
(73) Seetru Limited	(47) 30.01.2019	(47) 23.01.2019
(72) CIPRIANI, Peter	(87) IL2010000227	(22) 23.01.2017
READ, Sarah	30.09.2010	(54) RETAINING DEVICE FOR A CABLE OR
MOSS, Richard	(22) 18.03.2010	TUBE
(31) 201411048	(54) CLOSED MALE LUER CONNECTOR	(73) EFCO Befestigungstechnik AG
(32) 20.06.2014	(73) Elcam Medical Agricultural Cooperative	(72) DOPPELBAUER, Thomas
(33) United Kingdom	Association Ltd.	(31) 503742016
(51) F16K 47/00	(72) NAFTALOVITZ, Ziv	(32) 27.04.2016
F16K 1/46	SHLEZINGER, Amit	(33) Austria
F16K 1/54	SHAKED, Tsachi	(51) F16L 5/04
G05D 16/02	YOGEV, Avi	F16L 5/14
(11) EP2917624	GIL, Tomer	G01M 3/26
(21) EP13795655.3	(31) 162305 P	H02G 3/22
(47) 23.01.2019	259703 P	(11) EP3256766
(87) US2013069216	290523 P	(21) EP16709291.5
15.05.2014	(32) 22.03.2009	(47) 23.01.2019
(22) 08.11.2013	10.11.2009	(87) EP2016052894
(54) VALVE DEVICE AND FLUID COUPLING	29.12.2009	18.08.2016
COMPRISED THEREOF	(33) United States of America	(22) 11.02.2016
(73) Dresser, Inc.	United States of America	(54) CONDUIT FRAME FOR SEALINGLY
(72) LIVELY, Matthew, Charles	United States of America	DUCTING PIPES OR CABLES
MAY, Lamar, Edward	(51) F16L 3/04	(73) Beele Engineering B.V.
GRAFF, Kenneth, Marcell	H02G 3/32	Beele, Johannes Alfred
(31) 201213674251	F16L 3/13	(72) BEELE, Johannes Alfred
(32) 12.11.2012	F16L 3/223	(31) 1041186
(33) United States of America	F16L 3/237	(32) 11.02.2015
(51) F16K 49/00	F16L 3/22	(33) Netherlands
F02C 6/08	(11) EP3093541	(51) F16L 17/10
F16K 1/12	(21) EP16169602.6	F16L 19/065
(11) EP3246607	(47) 23.01.2019	F16L 21/08
(21) EP17171948.7	(22) 13.05.2016	F16L 37/62
(47) 23.01.2019	(54) FIXING DEVICE	F16L 21/04
	(73) Clips Group Holding IVS	(11) EP3146247
	(72) MOGENSEN, Henrik	(21) EP15723530.0
	(31) 201500289	(47) 30.01.2019

(87) EP2015061203 26.11.2015	(54) INTEGRATED FLUSH-FACE CARTRIDGE	(87) IB2015053156 26.11.2015
(22) 21.05.2015	(73) Faster S.p.A.	(22) 30.04.2015
(54) FITTING FOR COUPLING TO A PIPE	(72) DANELLI, Alessandro	(54) EXTENSIBLE HOSE AND HOSE ASSEMBLY
(73) Georg Fischer WAGA N.V.	SORBI, Roberto	(73) De Nora, Paolo
(72) WELLINK, Roel Alexander Maria GIESEN, Leonardus Henricus Wilhelmus NIJSEN, Andreas Jacobus Louis HULSEBOS, Michel Paul	(51) F16L 41/06 F16L 41/16	(72) De Nora, Paolo
(31) 2012869	(11) EP2159467	(31) BO20140297
(32) 22.05.2014	(21) EP08739980.4	(32) 20.05.2014
(33) Netherlands	(47) 30.01.2019	(33) Italy
(51) F16L 19/02	(87) JP2008056877 24.12.2008	(51) F16L 59/18 E21B 17/08 F16L 27/103
F16L 33/01	(22) 07.04.2008	(11) EP3303897
F16L 41/14	(54) BRANCH DEVICE FOR NONINTERRUPTIVE FLOW BORING	(21) EP16728735.8
F24H 9/12	(73) Suiken Co., Ltd.	(47) 30.01.2019
F16L 19/028	(72) KIM, Jaehyun	(87) IB2016053143 08.12.2016
(11) EP2373914	YAMASHITA, Tamotsu	(22) 27.05.2016
(21) EP09768449.2	YOKOYAMA, Taihei	(54) FLEXIBLE PIPE JOINT HAVING AN ANNULAR FLEXIBLE BOOT THERMALLY OR CHEMICALLY INSULATING AN ANNULAR ELASTOMERIC FLEXIBLE ELEMENT
(47) 30.01.2019	(31) 2007163937	(73) Oil States Industries, Inc.
(87) NL2009050747 17.06.2010	(32) 21.06.2007	(72) PATRICK, James LUKE, Eric GUTIERREZ-LEMINI, Danton
(22) 08.12.2009	(33) Japan	(31) 201562168707 P
(54) VESSEL HAVING A HOSE COUPLING	(51) F16L 55/10	(32) 29.05.2015
(73) Quooker International B.V.	(11) EP2446184	(33) United States of America
(72) PETERI, Niels Theodoor	(21) EP10734539.9	(51) F16L 101/10 F16L 55/40 B29C 35/08 F16L 55/162 F16L 55/165 F16L 55/18
(31) 2002302	(47) 23.01.2019	(11) EP3236129
(32) 08.12.2008	(87) GB2010051058 29.12.2010	(21) EP17166809.8
(33) Netherlands	(22) 25.06.2010	(47) 23.01.2019
(51) F16L 27/10	(54) COUPLING ASSEMBLY	(22) 18.04.2017
F01N 13/16	(73) Self Energising Coupling Company Limited	(54) LIGHT HEAD FOR USE IN RELINING PIPES
F01N 13/18	(72) READMAN, Matthew	(73) Peanta Inventions AB
F16L 27/111	(31) 0911008	(72) LINDELÖF, Andreas GERNER-RASMUSSEN, Taus LARSSON, Peter
F16L 51/02	(32) 25.06.2009	(31) 1650525
B29C 63/00	(33) United Kingdom	(32) 19.04.2016
(11) EP3091263	(51) F16L 55/40	(33) Sweden
(21) EP15166270.7	F16L 55/26	(51) F16M 5/00 F16M 1/08
(47) 30.01.2019	G03B 37/02	(11) EP3268656
(22) 04.05.2015	G03B 15/03	(21) EP16707387.3
(54) FLEXIBLE CONDUIT ELEMENT	G01M 3/38	(47) 23.01.2019
(73) Sjm Co., Ltd.	G01N 21/88	(87) EP2016000274 22.09.2016
(72) Jae Kwang, Lee	G01N 21/954	(22) 18.02.2016
Grossardt, Benjamin	G03B 37/00	(54) DRIVE ASSEMBLY
(51) F16L 37/00	G03B 37/04	(73) Sew-Eurodrive GmbH & Co. KG
A22C 17/00	H04N 5/225	(72) LAUER, Christian BARTON, Peter
G01N 23/06	H04N 7/18	(31) 102015003144
(11) EP3214351	F16L 101/30	(32) 13.03.2015
(21) EP17158988.0	H04N 5/232	(33) Germany
(47) 30.01.2019	(11) EP3008372	(51) F16M 11/04 F16M 13/00 F16F 15/03
(22) 02.03.2017	(21) EP13886776.7	
(54) REMOVABLE SELF-CENTRING MAGNETICALLY-CLAMPABLE FOOD- INSPECTION PIPE APPARATUS	(47) 30.01.2019	
(73) Sparc Systems Limited	(87) SE2013050685 18.12.2014	
(72) Buckley, David	(22) 12.06.2013	
(31) 201603795	(54) PIPE INSPECTION DEVICE	
(32) 04.03.2016	(73) Vretmaskin El & Mekanik AB	
(33) United Kingdom	(72) KESSELBERG, Jakob	
(51) F16L 37/23	(51) F16L 57/06	
F16L 37/34	F16L 11/10	
F16K 25/00	F16L 11/15	
F16L 37/36	F16L 11/12	
F16L 37/12	F16L 25/00	
F16L 37/33	F16L 33/00	
(11) EP3244114	F16L 33/01	
(21) EP16168737.1	F16L 33/22	
(47) 30.01.2019	(11) EP3146251	
(22) 09.05.2016	(21) EP15728170.0	
	(47) 30.01.2019	

F16M 11/10	(73) Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)	SEALING DUCTS FOR CABLES WHICH INCLUDES SAID TANK
F16M 11/18	(72) Nagura, Kenji	(73) KONEKT TELECO, S.L.
F16M 11/42	Takagi, Hitoshi	(72) Gil Pastor, Pablo
H02K 49/04	Uba, Takuro	Marqués Muñoz, Jose Vicente
(11) EP2561262	(31) 2013257841	(51) F21K 9/00
(21) EP11772305.6	(32) 13.12.2013	H01L 33/48
(47) 23.01.2019	(33) Japan	H01L 33/50
(87) NO2011000130	(51) F17C 5/06	F21V 21/30
27.10.2011	F17C 13/02	H01L 33/58
(22) 18.04.2011	F17C 5/00	H01L 33/64
(54) DEVICE FOR DAMPING OF PENDULAR MOVEMENTS AND METHOD OF USING SAME	(11) EP2703709	(11) EP1928030
(73) Salte Tekniske AS	(21) EP12777336.4	(21) EP06798134.0
NMI Holding AS	(47) 23.01.2019	(47) 30.01.2019
(72) SALTE, Terje	(87) JP2012002817	(87) JP2006318574
(31) 20110562	01.11.2012	29.03.2007
20100592	(22) 24.04.2012	(22) 20.09.2006
(32) 13.04.2011	(54) HYDROGEN STATION	(54) LED LIGHTING FIXTURE
23.04.2010	(73) Kabushiki Kaisha Kobe Seiko Sho	(73) Panasonic Intellectual Property Management Co., Ltd.
(33) Norway	(72) NAGURA, Kenji	(72) KAMADA, Kazuo
Norway	TAKAGI, Hitoshi	NISHIOKA, Yasushi
(51) F16M 11/08	(31) 2011098636	URANO, Youji
F16M 11/20	2011141900	(31) 2005272878
F16M 11/24	2011146276	2005272883
(11) EP3263967	(32) 26.04.2011	(32) 20.09.2005
(21) EP17178533.0	27.06.2011	20.09.2005
(47) 30.01.2019	30.06.2011	(33) Japan
(22) 28.06.2017	(33) Japan	Japan
(54) ARTICULATED SUPPORT ARM	Japan	(51) F21K 9/232
(73) EURO INOX QUALITY SRL	(51) F17C 13/04	F21V 29/83
(72) LUCIETTO, UMBERTO	F16K 15/02	F21V 23/04
(31) UA20164721	F16K 25/04	F21V 3/04
(32) 29.06.2016	(11) EP3088793	F21V 23/00
(33) Italy	(21) EP16166809.0	F21Y 107/30
(51) F16M 11/32	(47) 23.01.2019	F21Y 115/10
(11) EP3221632	(22) 25.04.2016	(11) EP3308072
(21) EP16720885.9	(54) METHOD OF MANUFACTURING A VALVE DEVICE AND A POPPET	(21) EP16782108.1
(47) 30.01.2019	(73) Toyota Jidosha Kabushiki Kaisha	(47) 23.01.2019
(87) GB2016050999	JTEKT CORPORATION	(87) TR2016050298
15.12.2016	(72) MIYAKE, Junya	22.02.2018
(22) 11.04.2016	NISHI, Koji	(22) 19.08.2016
(54) A MAGNETIC CLOSURE DEVICE	SUGIYAMA, Kazuhisa	(54) FLOW COOLED SOLID STATE LIGHTING WITH PREFERRED OPTICAL AND ADVANCED SENSING FEATURES
(73) The Vitec Group plc	MIO, Takumi	(73) Ozyegin Universitesi
(72) ROSSKOPF, Michael	KUBOTA, Sachiko	(72) INAN, Muhammed Nasir
WENMAN, Richard	OKAWACHI, Eiji	ARIK, Mehmet
TORBITT, Jolyon	YAMASHITA, Akira	(51) F21K 9/62
(31) 201509925	TAKESHITA, Naohiro	(11) EP2458262
(32) 08.06.2015	(31) 2015090472	(21) EP12156753.1
(33) United Kingdom	(32) 27.04.2015	(47) 23.01.2019
(51) F16P 3/14	(33) Japan	(22) 08.05.2008
(11) EP3339715	(51) F17C 13/06	(54) Lighting device and lighting method
(21) EP17206011.3	B63C 9/18	(73) Cree, Inc.
(47) 30.01.2019	B63C 9/08	(72) Van de Ven, Antony Paul
(22) 07.12.2017	B63C 9/105	Negley, Gerald H
(54) ACCESS PROTECTION SYSTEM	B63C 9/125	(31) 916597 P
(73) SICK AG	B63C 9/15	944848 P
(72) DIETRICH, Urs	(11) EP2857736	(32) 08.05.2007
(31) 102016125595	(21) EP12877150.8	19.06.2007
(32) 23.12.2016	(47) 23.01.2019	(33) United States of America
(33) Germany	(87) ES2012070385	United States of America
(51) F17C 5/06	28.11.2013	(51) F21K 9/68
(11) EP2889528	(22) 25.05.2012	F21V 31/04
(21) EP14191673.4	(54) LIQUEFIED GAS TANK WITH RUPTURE MEANS FOR INFLATING SEALED COMPARTMENTS AND BAG FOR	H01L 33/60
(47) 30.01.2019		H01L 25/075
(22) 04.11.2014		H01L 33/46
(54) Gas-filling apparatus and method for filling gas		

F21Y 105/10	(32) 07.07.2016	(51) F21S 45/00
F21Y 115/10	(33) France	(11) EP3252369
(11) EP1895602	(51) F21S 41/00	(21) EP17172846.2
(21) EP07253338.3	(11) EP3002511	(47) 30.01.2019
(47) 23.01.2019	(21) EP15186929.4	(22) 24.05.2017
(22) 23.08.2007	(47) 30.01.2019	(54) LIGHTING AND/OR SIGNALLING
(54) Illumination apparatus having a plurality of semiconductor light-emitting devices	(22) 25.09.2015	DEVICE FOR MOTOR VEHICLE PROVIDED WITH A LIGHT MODULE COOLED BY MEANS OF AN AIR FLOW GENERATOR
(73) Toshiba Lighting & Technology Corporation	(54) DEVICE WITH SEMICONDUCTOR COMPONENT MOUNTED ON A HEAT SINK, MOUNTING METHOD, AND LIGHTING DEVICE FOR A MOTOR VEHICLE COMPRISING SUCH A DEVICE	(73) Valeo Vision
(72) SANPEL, Tomohiro	(73) VALEO VISION	(72) CHIRON, Jérôme
IZUMI, Masahiro	(72) MORNET, Eric	MADELAINE, Mehdi
NOGI, Shinji	LETOUMELIN, Rémi	DANIEL, Thomas
SAITO, Akiko	PUENTE, Jean-Claude	OLIVEIRA, Joaquim
(31) 2006232634	DUCLOUX, Bruno	(31) 1654904
(32) 29.08.2006	YACOUBI, Nadia	(32) 31.05.2016
(33) Japan	MATTE, Fanck	(33) France
(51) F21L 4/00	JACQUEMIN, Didier	(51) F21V 5/00
F21V 19/00	(31) 1459309	G02B 19/00
F21V 23/06	(32) 30.09.2014	(11) EP2347171
F21V 29/70	(33) France	(21) EP09819828.6
F21Y 115/10	(51) F21S 41/147	(47) 30.01.2019
(11) EP3358243	F21S 41/25	(87) US2009059866
(21) EP17154973.6	F21S 41/63	15.04.2010
(47) 30.01.2019	F21S 41/675	(22) 07.10.2009
(22) 07.02.2017	F21S 41/68	(54) HIGH IRRADIANCE THROUGH OFF-CENTER OPTICS
(54) LIGHT SOURCE MODULE	F21S 41/16	(73) Phoseon Technology, Inc.
(73) Guangdong Jetfast Portable Lighting Co., Ltd.	G02B 19/00	(72) MARSON, Jonathan, L.
(72) LIU, Yun-Zhao	G02B 3/14	(31) 248739
(51) F21S 4/00	F21V 5/00	(32) 09.10.2008
H05K 1/05	G02B 26/10	(33) United States of America
H05K 1/14	(11) EP2834555	(51) F21V 7/00
F21V 29/503	(21) EP13706254.3	F21V 11/02
F21V 29/70	(47) 23.01.2019	F21Y 103/10
F21S 4/28	(87) EP2013053688	F21V 7/22
(11) EP3338022	10.10.2013	F21V 17/04
(21) EP16753351.2	(22) 25.02.2013	F21V 17/10
(47) 30.01.2019	(54) ILLUMINATING DEVICE FOR A MOTOR VEHICLE	F21V 17/12
(87) EP2016069418	(73) Bayerische Motoren Werke Aktiengesellschaft	F21Y 115/10
23.02.2017	(72) ERDL, Helmut	(11) EP3147559
(22) 16.08.2016	HANAFI, Abdelmalek	(21) EP16191180.5
(54) BOARD MOUNTED LED ARRAY	(31) 102012205438	(47) 30.01.2019
(73) Philips Lighting Holding B.V.	(32) 03.04.2012	(22) 28.09.2016
(72) VISSENBERG, Michel, Cornelis, Josephus, Marie	(33) Germany	(54) LOUVER FOR LED LIGHT ENGINES
WONDERGEM-DE BEST, Anna, Wilhelmina, Maria	(51) F21S 41/176	(73) HOLOPHANE EUROPE LTD.
(31) 15181765	F21S 41/24	(72) Blockley, Nicholas
(32) 20.08.2015	(11) EP2840302	Wilkes, Christopher
(33) European Patent Office (EPO)	(21) EP14187153.3	(31) 201562284359 P
(51) F21S 8/00	(47) 30.01.2019	(32) 28.09.2015
H01R 12/71	(22) 18.12.2012	(33) United States of America
H01R 13/24	(54) Light emitting device, vehicle light and vehicle	(51) F21V 13/04
(11) EP3270040	(73) Stanley Electric Co., Ltd.	G03B 15/05
(21) EP17179484.5	(72) Nakaya, Yoshiaki	G02B 19/00
(47) 30.01.2019	(31) 2011278720	G02B 3/08
(22) 04.07.2017	2011278722	G03B 15/03
(54) LIGHT MODULE FOR A MOTOR VEHICLE	(32) 20.12.2011	(11) EP2453306
(73) Valeo Iluminacion	20.12.2011	(21) EP11188567.9
(72) RUBIA, Juan-Antonio	20.12.2011	(47) 23.01.2019
RODRIGUEZ, Leandro	(33) Japan	(22) 10.11.2011
SANCHEZ, Ramon	Japan	(54) Flash Lens and Flash Module Employing the Same
MORENO, Juan-Francisco	Japan	(73) Samsung Electronics Co., Ltd.
CABANNE, Damien	Japan	(72) You, Jae-sung
MOISY, Eric		Park, Cheon-ho
FERNANDEZ, Ricardo		Oh, Sung-kyong
(31) 1656526		Oh, Kwan-young

(31) 20100111564	(22) 10.12.2007	(47) 23.01.2019
(32) 10.11.2010	(54) FIXING RING	(22) 25.04.2017
(33) Korea (Republic)	(73) OSRAM GmbH	(54) CEILING LIGHT FOR INSTALLATION IN
(51) F21V 14/02	(72) HELBIG, Peter	A FIRE SAFETY CEILING
B60Q 1/26	BEHR, Gerhard	(73) GLAMOX AS
B60Q 1/44	(31) 102006060422	(72) Halfmann, Horst
F21S 43/19	(32) 20.12.2006	(31) 102016006422
F21S 43/145	(33) Germany	(32) 23.05.2016
F21S 43/237	(51) F21V 19/00	(33) Germany
F21S 43/245	F21S 41/19	(51) F21Y 115/10
F21Y 115/15	F21S 41/155	F21S 8/08
F21Y 105/00	F21Y 105/00	F21V 7/04
(11) EP3141808	F21Y 115/15	F21W 131/103
(21) EP16186585.2	(11) EP3141802	F21W 131/107
(47) 23.01.2019	(21) EP16183757.0	F21V 29/00
(22) 31.08.2016	(47) 30.01.2019	(11) EP3073179
(54) LIGHTING DEVICE WITH MOVING	(22) 11.08.2016	(21) EP16161670.1
VANE	(54) SUPPORTING DEVICE FOR FLAT	(47) 30.01.2019
(73) VALEO VISION	LIGHTS	(22) 22.03.2016
(72) RUAT, Olivier	(73) ZKW Group GmbH	(54) LED MODULE WITH VANED
PATRIZI, Stéphane	(72) Bachler, Jörg	REFLECTOR AND LUMINAIRE WITH
(31) 1558331	Hungendorfer, Martin	CORRESPONDING LED MODULE
(32) 08.09.2015	(31) 507822015	(73) Siteco Beleuchtungstechnik GmbH
(33) France	(32) 11.09.2015	(72) Schroll, Katrin
(51) F21V 14/02	(33) Austria	(31) 102015104331
F21S 43/145	(51) F21V 23/04	(32) 23.03.2015
F21Y 115/15	F21K 9/232	(33) Germany
F21Y 105/00	F21K 9/61	(51) F23C 10/18
F21Y 115/10	F21V 29/71	F23L 7/00
F21S 43/235	F21Y 115/10	(11) EP3064830
(11) EP3141809	(11) EP3255339	(21) EP14842678.6
(21) EP16186668.6	(21) EP17174045.9	(47) 30.01.2019
(47) 30.01.2019	(47) 23.01.2019	(87) CN2014090467
(22) 31.08.2016	(22) 01.06.2017	12.03.2015
(54) LIGHTING DEVICE WITH ORGANIC	(54) SOLID-STATE LIGHTING	(22) 06.11.2014
LIGHT EMITTING DIODE	DEVICE HAVING A WIRELESS	(54) METHOD FOR DISTRIBUTING AIR FOR
(73) VALEO VISION	COMMUNICATION ANTENNA	OXYGEN-ENRICHED COMBUSTION IN
(72) PATRIZI, Stéphane	(73) Philips Lighting Holding B.V.	A CIRCULATING FLUIDIZED BED
RUAT, Olivier	(72) MARINUS, Antonius, Adrianus, Maria	(73) Institute Of Engineering Thermophysics,
(31) 1558329	LOUH, Yacouba	Chinese Academy Of Sciences
(32) 08.09.2015	JIN, Ding	(72) LI, Shiyuan
(33) France	(31) 16173258	LIU, Jingzhang
(51) F21V 14/08	(32) 07.06.2016	REN, Qiangqiang
F21V 5/00	(33) European Patent Office (EPO)	GAO, Ming
B60Q 1/04	(51) F21V 23/04	LV, Qinggang
F21S 41/255	H05B 37/02	ZHU, Jianguo
F21S 41/265	(11) EP2935988	LI, Wei
F21S 41/683	(21) EP13814810.1	LI, Haoyu
F21S 41/689	(47) 30.01.2019	NA, Yongjie
F21S 41/695	(87) US2013075729	BAO, Shaolin
F21S 45/47	26.06.2014	(31) 201310403707
F21S 41/143	(22) 17.12.2013	(32) 06.09.2013
(11) EP2610547	(54) LIGHTING FIXTURE FOR DISTRIBUTED	(33) China
(21) EP12199434.7	CONTROL	(51) F23D 1/00
(47) 30.01.2019	(73) Cree, Inc.	F23D 14/78
(22) 27.12.2012	(72) CHOBOT, Joseph, P.	F23D 14/22
(54) Vehicle headlamp	HARRIS, Michael, James	C01B 3/36
(73) Ichikoh Industries, Ltd.	(31) 201261738749 P	C10J 3/48
(72) Abe, Toshiya	201313782040	F23D 11/36
(31) 2011286657	(32) 18.12.2012	(11) EP2174061
(32) 27.12.2011	01.03.2013	(21) EP08786885.7
(33) Japan	(33) United States of America	(47) 23.01.2019
(51) F21V 19/00	United States of America	(87) EP2008060277
(11) EP2122241	(51) F21V 25/12	12.02.2009
(21) EP07857320.1	F21S 8/02	(22) 05.08.2008
(47) 30.01.2019	F21V 29/15	(54) BURNER
(87) EP2007063599	(11) EP3249291	(73) AIR PRODUCTS AND CHEMICALS, INC.
26.06.2008	(21) EP17000704.1	(72) BOER, Anne

VAN SCHIE, Henricus Gijsbertus	F23D 14/62	(32) 04.09.2014
SMIT, Cornelis Jacobus	F23D 14/70	(33) Japan
(31) 07113847	(11) EP1914476	(51) F23L 1/00
954342 P	(21) EP07019532.6	F24B 5/02
(32) 06.08.2007	(47) 30.01.2019	(11) EP3267106
07.08.2007	(22) 05.10.2007	(21) EP17178308.7
(33) European Patent Office (EPO)	(54) Differentiated distributor, suitable for	(47) 23.01.2019
United States of America	premixed gas burners	(22) 28.06.2017
(51) F23D 11/40	(73) Polidoro S.p.A.	(54) INDOOR INSTALLATION TYPE
F23D 11/38	(72) Peserico, Domenico	COMBUSTION APPARATUS
F23R 3/12	Scribano, Gianfranco	(73) Rinnai Corporation
F23R 3/28	(31) MI20061961	(72) NAGASAKA, Toshimitsu
(11) EP2163819	(32) 13.10.2006	(31) 2016133025
(21) EP09168216.1	(33) Italy	(32) 05.07.2016
(47) 30.01.2019	(51) F23D 14/58	(33) Japan
(22) 19.08.2009	F23D 14/56	(51) F23L 7/00
(54) GAS TURBINE COMBUSTOR	C03B 5/235	F23C 7/02
(73) Mitsubishi Hitachi Power Systems, Ltd.	C03B 19/14	F23D 14/22
(72) Dodo, Satoshi	C03B 23/00	F23D 14/24
Miura, Keisuke	C03B 23/207	F23K 3/02
Koyama, Kazuhito	F23D 14/02	F23L 9/00
(31) 2008234169	F23D 99/00	(11) EP2868969
(32) 12.09.2008	(11) EP3296631	(21) EP13813164.4
(33) Japan	(21) EP16189025.6	(47) 30.01.2019
(51) F23D 14/02	(47) 30.01.2019	(87) JP2013062736
F23L 1/00	(22) 15.09.2016	09.01.2014
F01N 3/20	(54) BURNER FOR GENERATION OF AN	(22) 24.04.2013
F01N 3/36	ELONGATED FLAME	(54) BURNER
F01N 3/38	(73) Hilgenberg, Ingo	(73) IHI Corporation
(11) EP2551588	(72) Hilgenberg, Ingo	(72) TAMURA, Masato
(21) EP11759440.8	(51) F23G 7/06	ITOKAZU, Ryunosuke
(47) 30.01.2019	F23D 14/02	(31) 2012148471
(87) JP2011056985	F23G 5/027	(32) 02.07.2012
29.09.2011	(11) EP2381172	(33) Japan
(22) 23.03.2011	(21) EP09838207.0	(51) F23N 5/18
(54) BURNER DEVICE	(47) 23.01.2019	F23C 9/08
(73) IHI Corporation	(87) JP2009002944	F02C 9/26
(72) MARUTANI Youichi	22.07.2010	F02C 9/50
ASHIKAGA Yasunori	(22) 26.06.2009	(11) EP2914905
ITOH Syouji	(54) COMBUSTION BURNER	(21) EP13854183.4
OGASAWARA Akihiko	(73) Nippon Steel & Sumikin Engineering Co.,	(47) 30.01.2019
(31) 2010068092	Ltd.	(87) US2013067824
(32) 24.03.2010	NS Plant Designing Corporation	24.07.2014
(33) Japan	(72) TODAKA, Mitsumasa	(22) 31.10.2013
(51) F23D 14/04	FUKINAKA, Norio	(54) GAS TURBINE COMBUSTOR CONTROL
F23D 14/62	KATO, Toshiro	SYSTEM
F23D 14/70	(31) 2009009019	(73) General Electric Company
F23D 14/02	(32) 19.01.2009	ExxonMobil Upstream Research Company
(11) EP3299716	(33) Japan	(72) MINTO, Karl Dean
(21) EP17184240.4	(51) F23J 15/02	(31) 201261722118 P
(47) 23.01.2019	F23J 15/00	201261722115 P
(22) 01.08.2017	F23J 15/06	201261722114 P
(54) BURNER FOR GAS APPARATUS	F23J 15/08	201261722111 P
(73) Grand Mate Co., Ltd.	(11) EP2993398	201261747194 P
(72) HUANG, Chung-Chin	(21) EP15183249.0	201314066551
HUANG, Chin-Ying	(47) 30.01.2019	(32) 02.11.2012
HUANG, Hsin-Ming	(22) 01.09.2015	02.11.2012
HUANG, Hsing-Hsiung	(54) FLUE-GAS TREATMENT APPARATUS	02.11.2012
YEH, Yen-Jen	AND ITS METHOD OF OPERATION	02.11.2012
CHEN, Wei-Long	(73) Mitsubishi Hitachi Power Systems, Ltd.	28.12.2012
LIN, Kuan-Chou	(72) SHIMAMURA, Jun	29.10.2013
LUO, Tang-Yuan	OKAWA, Tsuyoshi	(33) United States of America
(31) 105131035	SAITO, Takayuki	United States of America
(32) 26.09.2016	YAMANE, Nobuo	United States of America
(33) Taiwan, Province of China	SHIMAZU, Hiromichi	United States of America
(51) F23D 14/06	OCHIAI, Ryota	United States of America
F23D 14/10	ISHIZAKA, Hiroshi	United States of America
F23D 14/58	(31) 2014179803	(51) F23N 5/24

F23N 1/06	(51) F23R 3/34	YANG, Dae-Bong
F23N 3/08	F02C 7/228	KIM, Yang-Go
(11) EP2550484	F02C 9/28	JEONG, Yong-Ki
(21) EP11721107.8	F02C 9/34	LIM, Jae-Bum
(47) 23.01.2019	F23N 5/18	KIM, Young-Soo
(87) IB2011051192	(11) EP3069083	LEE, Dae-Rae
29.09.2011	(21) EP14795978.7	(31) 20070132489
(22) 22.03.2011	(47) 30.01.2019	(32) 17.12.2007
(54) A METHOD AND DEVICE FOR	(87) EP2014072973	(33) Korea (Republic)
CONTROLLING THE QUALITY OF	21.05.2015	(51) F24C 7/08
COMBUSTION IN A BURNER	(22) 27.10.2014	F24C 15/10
(73) Idea S.p.A.	(54) INTELLIGENT CONTROL METHOD	(11) EP2095022
(72) GIORDANO, Bruno	WITH PREDICTIVE EMISSIONS	(21) EP07851531.9
(31) VR20100056	MONITORING ABILITY	(47) 30.01.2019
(32) 23.03.2010	(73) Siemens Aktiengesellschaft	(87) KR2007006560
(33) Italy	(72) BRICKWOOD, Gavin	19.06.2008
(51) F23R 3/00	BULAT, Ghenadie	(22) 14.12.2007
F23R 3/10	(31) 13193045	(54) COOKING APPARATUS
F23R 3/28	(32) 15.11.2013	(73) LG Electronics Inc.
F23R 3/60	(33) European Patent Office (EPO)	(72) ROH, Hee-Suk
(11) EP3002518	(51) F23R 3/50	PARK, Byeong-Wook
(21) EP15186205.9	F23R 3/60	(31) 20060127524
(47) 30.01.2019	(11) EP3109557	(32) 14.12.2006
(22) 22.09.2015	(21) EP16175884.2	(33) Korea (Republic)
(54) COMBUSTOR FRONT PANEL	(47) 30.01.2019	(51) F24C 7/08
(73) Ansaldo Energia Switzerland AG	(22) 23.06.2016	G08C 17/04
(72) Rathmann, Ulrich	(54) COMBUSTION SYSTEMS	H02J 5/00
Aluri, Naresh	(73) Delavan, Inc.	H05B 6/12
Loeffel, Kaspar	(72) PROCIW, Lev A.	H02J 50/10
Huber, Michael	(31) 201514749275	(11) EP2679910
(31) 14187141	(32) 24.06.2015	(21) EP13172240.7
(32) 30.09.2014	(33) United States of America	(47) 23.01.2019
(33) European Patent Office (EPO)	(51) F24C 3/00	(22) 17.06.2013
(51) F23R 3/04	(11) EP3023699	(54) domestic appliance with operating device
F23R 3/50	(21) EP15191424.9	(73) BSH Hausgeräte GmbH
(11) EP2224168	(47) 30.01.2019	(72) Beifuss, Wolfgang
(21) EP10152848.7	(22) 26.10.2015	Has, Uwe
(47) 30.01.2019	(54) GAS COOKING HOB	(31) 102012210846
(22) 05.02.2010	(73) BSH Hausgeräte GmbH	(32) 26.06.2012
(54) Annular rich-quench-lean gas turbine	(72) Palacios Valdueza, Luis Antonio	(33) Germany
combustors with plunged holes	Placer Maruri, Emilio	(51) F24C 15/10
(73) Honeywell International Inc.	Saiz Gonzalez, Roberto	G02B 5/122
(72) Bronson, Thomas J.	(31) 201431712	G02B 6/00
Zupanc, Frank Joseph	(32) 20.11.2014	H05B 3/74
(31) 394725	(33) Spain	A47J 36/00
(32) 27.02.2009	(51) F24C 3/00	A47J 27/00
(33) United States of America	H05B 6/80	H05B 6/12
(51) F23R 3/18	(11) EP3106757	F24C 7/08
F02C 7/22	(21) EP15172932.4	(11) EP3124874
F23R 3/14	(47) 30.01.2019	(21) EP16176679.5
F23R 3/28	(22) 19.06.2015	(47) 23.01.2019
F23R 3/34	(54) OVEN WITH WATER FEEDING SYSTEM	(22) 28.06.2016
(11) EP2860454	(73) Whirlpool Corporation	(54) HEATING APPLIANCE COMPRISING
(21) EP13801226.5	(72) Lee, Power	A LIGHT GUIDE FOR GENERATING
(47) 23.01.2019	Xu, Jack	ILLUMINATED INDICIA FOR AN
(87) JP2013065432	(51) F24C 3/08	ELECTRIC BURNER OF SAID
12.12.2013	F23D 14/06	APPLIANCE
(22) 04.06.2013	(11) EP2232149	(73) Whirlpool Corporation
(54) FUEL INJECTION DEVICE	(21) EP08863300.3	(72) Millett, Frederick A.
(73) Kawasaki Jukogyo Kabushiki Kaisha	(47) 30.01.2019	(31) 201514809883
Japan Aerospace Exploration Agency	(87) KR2008007500	(32) 27.07.2015
(72) MATSUYAMA, Ryusuke	25.06.2009	(33) United States of America
KOBAYASHI, Masayoshi	(22) 17.12.2008	(51) F24C 15/16
HORIKAWA, Atsushi	(54) TOP BURNER AND COOKER	(11) EP2913593
FUJIWARA, Hitoshi	COMPRISING THE SAME	(21) EP15153949.1
(31) 2012129681	(73) LG Electronics Inc.	(47) 30.01.2019
(32) 07.06.2012	(72) WIE, Jae-Hyuk	(22) 05.02.2015
(33) Japan	RYU, Jung-Wan	

(54) DEVICE FOR HOLDING A COOKING TRAY WITH A FRONTALLY WELDED GUIDE ELEMENT TO A SUPPORTING BAR AND COOKING DEVICE WITH SUCH A DEVICE	(21) EP16195160.3 (47) 23.01.2019 (22) 21.10.2016 (54) DOMESTIC VENTILATED OVEN (73) SMEG S.p.A.	(72) Ohama, Masahiro Yamada, Muneto Nishiyama, Yoshitsugu Sano, Mitsuhiro Uno, Katsuhiko Yasui, Keiko
(73) BSH Bosch und Siemens Hausgeräte GmbH	(72) CANTONI, Daniele	(31) 2012114360
(72) Bally, Ingo Goss, Ulrich Kraemer, Oliver Namberger, Angelika	ZAMBRUNI, Carlo (31) UB20155306 (32) 21.10.2015 (33) Italy	(32) 18.05.2012 (33) Japan
(31) 102014203534	(51) F24C 15/32	(51) F24D 19/10
(32) 27.02.2014	F24C 14/02	(11) EP2395288
(33) Germany	(11) EP3084312	(21) EP10165219.6
(51) F24C 15/20	(21) EP14830650.9	(47) 23.01.2019
(11) EP2282126	(47) 30.01.2019	(22) 08.06.2010
(21) EP10170060.7	(87) IB2014066899	(54) Balancing valve
(47) 23.01.2019	25.06.2015	(73) COMAP
(22) 20.07.2010	(22) 15.12.2014	(72) Gortais, Joël Paris, Bernard
(54) Extractor hood with operating unit	(54) DIRECT-HEATING FAN OVEN	(51) F24F 1/00
(73) BSH Hausgeräte GmbH	(73) Whirlpool EMEA S.p.A	F24F 13/32
(72) Wilsdorf, Gerd	(72) COLOZZO, Vincenzo	F25B 39/02
(31) 102009028221	CICCACCI, Sandro	F28F 27/02
(32) 04.08.2009	GASPARINI, Alberto	(11) EP2444751
(33) Germany	(31) TO20131033	(21) EP10789231.7
(51) F24C 15/20	(32) 17.12.2013	(47) 30.01.2019
(11) EP3029383	(33) Italy	(87) JP2010004005
(21) EP15195769.3	(51) F24D 3/00	23.12.2010
(47) 30.01.2019	F24F 5/00	(22) 16.06.2010
(22) 23.11.2015	F24H 4/02	(54) CEILING-MOUNTED AIR CONDITIONING UNIT
(54) EXTRACTOR HOOD	F25B 1/00	(73) Daikin Industries, Ltd.
(73) BSH Hausgeräte GmbH	F24H 9/20	(72) SAKASHITA, Akihiko
(72) Grobleben, Ralf	F24D 3/08	YOSHIOKA, Shun
Oberfell, Gernot	F24D 3/18	MICHITSUJI, Yoshiharu
Schmidt, Tobias	F24D 17/02	(31) 2009146787
Wertel, Jan	F24D 19/10	(32) 19.06.2009
(31) 102014224981	F24F 11/89	(33) Japan
(32) 05.12.2014	F24F 140/20	(51) F24F 1/22
(33) Germany	(11) EP3299731	F24F 1/46
(51) F24C 15/20	(21) EP16799937.4	(11) EP2481993
F04D 29/00	(47) 30.01.2019	(21) EP12153135.4
F24F 7/00	(87) JP2016064989	(47) 30.01.2019
F04D 17/04	01.12.2016	(22) 30.01.2012
F04D 25/14	(22) 20.05.2016	(54) Outdoor unit of an air conditioner
F04D 29/42	(54) TEMPERATURE-ADJUSTING FLUID SUPPLY APPARATUS	(73) Fujitsu General Limited
F04D 29/46	(73) Daikin Industries, Ltd.	(72) Hika, Yasushi
(11) EP3112759	Daikin Europe N.V.	Hiramatsu, Yoshinori
(21) EP14885061.3	(72) CHIKAMI, Hideo	Ueda, Mitsuo
(47) 30.01.2019	VANSTEENKISTE, Wim	Tsuji, Yasumasa
(87) CN2014091295	(31) 2015104965	(31) 2011018323
17.03.2016	(32) 22.05.2015	(32) 31.01.2011
(22) 17.11.2014	(33) Japan	(33) Japan
(54) RANGE HOOD AND VOLUTE THEREOF	(51) F24D 19/00	(51) F24F 1/36
(73) Wuhu Midea Kitchen Appliances Manufacturing Co., Ltd.	C02F 5/08	F24F 1/56
(72) JIANG, Jiwu	F24H 1/22	F24F 1/16
WANG, Zhenghua	G05D 11/16	F24F 1/46
SU, Yuxia	C02F 1/00	(11) EP3239619
JI, Junsheng	C02F 1/68	(21) EP14896276.4
LI, Benfeng	C02F 5/02	(47) 30.01.2019
BAI, Yali	F24D 11/02	(87) JP2014084512
(31) 201410466253	F24D 19/10	30.06.2016
201420526495 U	(11) EP2664860	(22) 26.12.2014
(32) 12.09.2014	(21) EP13168327.8	(54) OUTDOOR MACHINE
12.09.2014	(47) 23.01.2019	(73) Mitsubishi Electric Corporation
(33) China	(22) 17.05.2013	(72) YANASE, Tomoya
China	(54) Water heater comprising scale suppressing device	KUBONO, Toshiyuki
(51) F24C 15/32	(73) Panasonic Corporation	JINNAI, Hiroyuki
(11) EP3159612		

(51) F24F 6/04	(21) EP16174150.9	WANG, Jianliang
(11) EP3150933	(47) 30.01.2019	BAI, Longliang
(21) EP14893163.7	(22) 13.06.2016	LUO, Yantao
(47) 30.01.2019	(54) HEAT PUMP SYSTEM	(31) 201110258711
(87) JP2014082560	(73) Daikin Europe N.V.	(32) 02.09.2011
03.12.2015	Daikin Industries, Ltd.	(33) China
(22) 09.12.2014	(72) ASPESLAGH, Bart	(51) F24H 9/16
(54) HUMIDIFYING ELEMENT AND HUMIDIFIER	(51) F24F 11/30	F16K 31/50
(73) Mitsubishi Electric Corporation	F24F 110/10	F16K 31/528
(72) KAMEISHI, Keiji	F24F 140/12	F16K 35/02
HIRAI, Hidekazu	F24F 140/20	(11) EP2299203
(31) 2014113150	F24F 3/06	(21) EP10008883.0
(32) 30.05.2014	F25B 9/00	(47) 23.01.2019
(33) Japan	F25B 13/00	(22) 26.08.2010
(51) F24F 7/007	F25B 49/02	(54) Outlet valve
F24F 110/40	(11) EP2053319	(73) WILO SE
F24F 11/72	(21) EP07791203.8	(72) Meugnier, Virginie
F24F 11/63	(47) 30.01.2019	Le Strat, Olivier
F24F 11/77	(87) JP2007064471	(31) 102009041103
F24F 11/33	07.02.2008	(32) 14.09.2009
(11) EP2722607	(22) 24.07.2007	(33) Germany
(21) EP12461554.3	(54) AIR CONDITIONER	(51) F24S 20/20
(47) 23.01.2019	(73) Daikin Industries, Ltd.	F24S 23/74
(22) 16.10.2012	(72) OKAMOTO, Tetsuya	F24S 70/20
(54) Pressure differentiating device	KASAHARA, Shinichi	(11) EP2486343
(73) Smay Sp. z.o.o.	(31) 2006211937	(21) EP10803452.1
(72) Wiche, Jaroslaw	(32) 03.08.2006	(47) 30.01.2019
Majdanski, Andrzej	(33) Japan	(87) EP2010068653
Zapala, Robert	(51) F24F 13/02	09.06.2011
Sypek, Grzegorz	B23P 19/04	(22) 01.12.2010
Maj, Marek	B23P 19/00	(54) HEAT RECEIVER TUBE, METHOD FOR MANUFACTURING THE HEAT RECEIVER TUBE, PARABOLIC TROUGH COLLECTOR WITH THE RECEIVER TUBE AND USE OF THE PARABOLIC TROUGH COLLECTOR
(51) F24F 11/00	(11) EP2971994	(73) Siemens Concentrated Solar Power Ltd.
(11) EP2472198	(21) EP14765617.7	(72) BARKAI, Menashe
(21) EP09849187.1	(47) 30.01.2019	EZER, Rami
(47) 30.01.2019	(87) US2014028057	LIPMAN, Eli
(87) JP2009065733	18.09.2014	(31) 265494 P
17.03.2011	(22) 14.03.2014	(32) 01.12.2009
(22) 09.09.2009	(54) APPARATUS AND METHOD FOR PLACEMENT OF ANGLE PLATES IN TRANSVERSE DUCT FLANGES	(33) United States of America
(54) AIR CONDITIONING DEVICE	(73) Hvac Inventors/Systemation, Inc.	(51) F24S 20/20
(73) Mitsubishi Electric Corporation	(72) DAW, David, E.	F24S 60/00
(72) YAMASHITA, Koji	UMBERGER, Cody, B.	(11) EP3254035
MORIMOTO, Hiroyuki	(31) 201361852032 P	(21) EP16705904.7
MOTOMURA, Yuji	201361852025 P	(47) 30.01.2019
WAKAMOTO, Shinichi	(32) 15.03.2013	(87) EP2016052427
TAKENAKA, Naofumi	15.03.2013	11.08.2016
(51) F24F 11/30	(33) United States of America	(22) 04.02.2016
F24F 110/00	United States of America	(54) SOLAR POWER PLANT COMPRISING A FIRST HEAT TRANSFER CIRCUIT AND A SECOND HEAT TRANSFER CIRCUIT
A01K 41/02	(51) F24H 9/00	(73) BASF SE
(11) EP2361360	F24H 4/04	(72) WORTMANN, Jürgen
(21) EP08876222.4	F24H 1/18	LADENBERGER, Michael
(47) 23.01.2019	F28D 20/00	FEDERSEL, Katharina
(87) NL2008050674	F24H 1/20	MAURER, Stephan
06.05.2010	F28D 1/06	(31) 15153990
(22) 29.10.2008	(11) EP2696149	(32) 05.02.2015
(54) METHOD FOR REGULATING THE TEMPERATURE OF A CLIMATE CHAMBER, AND A CLIMATE CHAMBER	(21) EP11871409.6	(33) European Patent Office (EPO)
(73) HatchTech Group B.V.	(47) 23.01.2019	(51) F24S 23/74
(72) METER, Tjitze	(87) CN2011081244	F24S 25/00
(51) F24F 11/30	07.03.2013	F24S 30/40
F24F 110/10	(22) 25.10.2011	(11) EP3213010
F24F 110/20	(54) WATER TANK FOR HEAT PUMP WATER HEATER	(21) EP15793692.3
F24F 3/14	(73) Haier Group Corporation	(47) 30.01.2019
F24F 12/00	Qingdao Economic And Technological Development District Haier Water Heater Co., Ltd	
F24F 5/00	(72) CHEN, Bingquan	
(11) EP3258179		

(87) AT2015050275 06.05.2016	F28D 21/00	11.08.2016
(22) 30.10.2015	(11) EP2792971	(22) 27.01.2016
(54) DEVICE FOR ANCHORING AN INFLATABLE CONCENTRATOR CUSHION	(21) EP12858504.9	(54) CONTROL DEVICE, CONTROL METHOD, AND PROGRAM
(73) Heliouis AG	(47) 23.01.2019	(73) Mitsubishi Heavy Industries Thermal Systems, Ltd.
(72) STÖGER, Elmar TIEFENBACHER, Felix	(87) JP2012082322 20.06.2013	(72) AKATSUKA Kei YAMAGUCHI Toru FUWA Yasushi
(31) 507892014	(22) 13.12.2012	(31) 2015018384
(32) 31.10.2014	(54) REFRIGERATION DEVICE	(32) 02.02.2015
(33) Austria	(73) Daikin Industries, Ltd.	(33) Japan
(51) F24S 30/40	(72) KANAZAWA, Yukako	(51) F25B 31/00
(11) EP2663816	SHIMODA, Junichi	(11) EP2339270
(21) EP11788292.8	MAKINO, Tatsuya	(21) EP10196507.7
(47) 23.01.2019	MIYATANI, Shouhei	(47) 30.01.2019
(87) US2011060636 19.07.2012	TAKAYAMA, Toshihiko	(22) 22.12.2010
(22) 14.11.2011	(31) 2011272756	(54) Air conditioner
(54) SUPPORT FOR SOLAR ENERGY COLLECTORS	(32) 13.12.2011	(73) LG Electronics Inc.
(73) SunPower Corporation	(33) Japan	(72) Jeong, Hojong Chang, Sedong Chung, Baikyoung Jang, Jiyoung
(72) COLE, Corey SMITH, Zachary, Ardell CIASULLI, John JENSEN, Soren	(51) F25B 1/00 F25B 49/02	(31) 20090130421
(31) 201161437509 P 201161433141 P	(11) EP1809951	(32) 24.12.2009
(32) 28.01.2011 14.01.2011	(21) EP05821349.7	(33) Korea (Republic)
(33) United States of America United States of America	(47) 30.01.2019	(51) F25B 41/06 F25B 41/04
(51) F24S 30/425 H01L 31/052 F24S 25/10 F24S 30/00	(87) US2005039287 11.05.2006	(11) EP2703751
(11) EP2843322	(22) 31.10.2005	(21) EP12776448.8
(21) EP14172952.5	(54) VSD CONTROL	(47) 23.01.2019
(47) 30.01.2019	(73) Carrier Corporation	(87) CN2012074790 01.11.2012
(22) 18.06.2014	(72) WILSON, Francis, P. ROUSEAU, William, H. WILSON, James, C. YANNASCOLI, Donald	(22) 27.04.2012
(54) Device for the support and sun tracking of tracking units for solar panels	(31) 623355 P	(54) THERMAL EXPANSION VALVE
(73) Fischer, Werner	(32) 29.10.2004	(73) Zhejiang Sanhua Climate & Appliance Controls Group Co., Ltd.
(72) Fischer, Werner	(33) United States of America	(72) LIU, Changqing
(31) 5010413 U	(51) F25B 9/00 F25B 30/02 F25B 25/00	(31) 201110106904
(32) 24.07.2013	(11) EP2770277	(32) 27.04.2011
(33) Austria	(21) EP14155461.8	(33) China
(51) F25B 1/00 F25B 29/00 F25B 13/00 F25B 25/00 F24F 3/06	(47) 30.01.2019	(51) F25B 43/00 F25B 45/00 F25B 41/00
(11) EP2472200	(22) 17.02.2014	(11) EP2543941
(21) EP09850822.9	(54) WATER HEATER	(21) EP10847078.2
(47) 30.01.2019	(73) Panasonic Corporation	(47) 23.01.2019
(87) JP2009068427 05.05.2011	(72) Yamamoto, Teruo Aoyama, Shigeo Nakatani, Kazuhito Nishiyama, Yoshitsugu	(87) KR2010003726 09.09.2011
(22) 27.10.2009	(31) 2013034190	(22) 10.06.2010
(54) AIR CONDITIONING DEVICE	(32) 25.02.2013	(54) CHILLER
(73) Mitsubishi Electric Corporation	(33) Japan	(73) LG Electronics Inc.
(72) YAMASHITA, Koji MORIMOTO, Hiroyuki MOTOMURA, Yuji HATOMURA, Takeshi	(51) F25B 13/00 F25B 40/02	(72) KIM, Byeong Su HWANG, Jun Hyeon KIM, Beom Chan YOO, Sang Hoon MOON, Jung Wook
(51) F25B 1/00 F25B 39/00 F25B 13/00 F28D 1/053	(11) EP2339269	(31) 20100019989
	(21) EP10252001.2	(32) 05.03.2010
	(47) 23.01.2019	(33) Korea (Republic)
	(22) 25.11.2010	(51) F25B 45/00 F25B 1/00 F25B 9/00 F25B 13/00
	(54) Air conditioner	(11) EP2051028
	(73) Fujitsu General Limited	(21) EP07790941.4
	(72) Itakura, Shunji	(47) 23.01.2019
	(31) 2009293650	(87) JP2007064187
	(32) 25.12.2009	
	(33) Japan	
	(51) F25B 13/00 F25B 47/02	
	(11) EP3249321	
	(21) EP16746478.3	
	(47) 23.01.2019	
	(87) JP2016052273	

24.01.2008	(72) MORRIS, Angela Frances	FU, Xiuliang
(22) 18.07.2007	(31) 201600308	(31) 201110270496
(54) REFRIGERANT LOADING METHOD FOR REFRIGERATION DEVICE USING CARBON DIOXIDE AS REFRIGERANT	(32) 08.01.2016	(32) 14.09.2011
(73) Daikin Industries, Ltd.	(33) United Kingdom	(33) China
(72) MATSUOKA, Hiromune	(51) F25D 11/00	(51) F25D 23/00
KURIHARA, Toshiyuki	A01F 25/00	(11) EP1883772
(31) 2006199707	A23B 7/04	(21) EP06744971.0
(32) 21.07.2006	A23B 7/148	(47) 30.01.2019
(33) Japan	F25D 23/00	(87) IB2006051572
(51) F25B 47/02	F25D 17/06	23.11.2006
F25B 1/00	(11) EP3054244	(22) 18.05.2006
F25B 7/00	(21) EP14851211.4	(54) A COOLING DEVICE
F25D 21/12	(47) 30.01.2019	(73) Arçelik Anonim Sirketi
F25B 1/10	(87) JP2014005051	(72) BAYRAMLI, Tanju, Arcelik Anonim Sirketi
F25B 23/00	09.04.2015	SARIOGLU, Fatma Gevrek, Arcelik Anonim Sirketi
F25B 25/00	(22) 03.10.2014	SAMDAN, Alphan, Arcelik Anonim Sirketi
F25B 41/00	(54) REFRIGERATION UNIT FOR CONTAINER	(31) 200501867
F25B 41/04	(73) Daikin Industries, Ltd.	(32) 18.05.2005
F25B 49/02	(72) TANAKA, Naohiro	(33) Turkey
F25B 9/00	OZATO, Atsushi	(51) F25D 23/02
F25D 17/02	IKEMIYA, Makoto	(11) EP2556313
F25D 21/10	UKON, Tetsuya	(21) EP11709104.1
F25D 21/14	(31) 2013208520	(47) 23.01.2019
(11) EP3285028	(32) 03.10.2013	(87) EP2011053795
(21) EP17190161.4	(33) Japan	13.10.2011
(47) 30.01.2019	(51) F25D 16/00	(22) 14.03.2011
(22) 25.11.2014	F25D 3/10	(54) REFRIGERATOR HAVING AN INTERMEDIATE DOOR FOR REDUCING TEMPERATURE COMPENSATION
(54) DEFROST SYSTEM FOR REFRIGERATION APPARATUS, AND COOLING UNIT	F25D 7/00	(73) BSH Hausgeräte GmbH
(73) MAYEKAWA MFG. CO., LTD.	(11) EP2150758	(72) SCHÜSSLER, Andreas
(72) YOSHIKAWA, Choiku	(21) EP08788178.5	(31) 102010003831
KUTSUNA, Toshio	(47) 23.01.2019	(32) 09.04.2010
NELSON, Mugabi	(87) FR2008050660	(33) Germany
KAYASHIMA, Daiki	27.11.2008	(51) F25D 23/02
(31) 2013259751	(22) 14.04.2008	(11) EP2660545
(32) 17.12.2013	(54) BACKUP CO2 COOLING SYSTEM	(21) EP13165053.3
(33) Japan	(73) L'Air Liquide Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude	(47) 23.01.2019
(51) F25C 1/24	(72) POUCHAIN, Olivier	(22) 24.04.2013
F25D 11/02	ALO, Didier	(54) Refrigerator and method of manufacturing door thereof
(11) EP3059526	FONTANA, Daniel	(73) Samsung Electronics Co., Ltd
(21) EP14854848.0	KOWALEWSKI, Pierre	(72) Kim, Joong Ho
(47) 30.01.2019	(31) 0754680	Oh, Jong Hoon
(87) KR2014009684	(32) 25.04.2007	Shin, Youn Tae
23.04.2015	(33) France	Hong, Young Bae
(22) 15.10.2014	(51) F25D 17/04	(31) 20120046083
(54) ICE-MAKING TRAY AND REFRIGERATOR COMPRISING THE SAME	F28F 17/00	(32) 02.05.2012
(73) Samsung Electronics Co., Ltd.	F25D 21/08	(33) Korea (Republic)
(72) JEONG, Jin	F25B 39/02	(51) F25D 23/02
SON, Bong su	F28D 1/047	(11) EP3330648
JANG, Do Yun	(11) EP2757334	(21) EP17203625.3
LEE, Jae Min	(21) EP11872193.5	(47) 30.01.2019
(31) 20130123551	(47) 23.01.2019	(22) 24.11.2017
(32) 16.10.2013	(87) CN2011085089	(54) REFRIGERATOR
(33) Korea (Republic)	21.03.2013	(73) Samsung Electronics Co., Ltd.
(51) F25D 3/00	(22) 30.12.2011	(72) JUNG, Moon Gyo
B65D 81/38	(54) REFRIGERATOR AND METHOD OF CONTROLLING HUMIDITY IN A REFRIGERATING CHAMBER OF REFRIGERATOR	(31) 20160161992
(11) EP3190361	(73) Hefei Midea Refrigerator Co., Ltd.	(32) 30.11.2016
(21) EP17150694.2	Hefei Hualing Co., Ltd.	(33) Korea (Republic)
(47) 30.01.2019	(72) FANG, Zhongcheng	(51) F25D 23/06
(22) 09.01.2017	WU, Tingbo	(11) EP2132505
(54) TEMPERATURE CONTROLLED PACKAGING	JIANG, Mingbo	(21) EP08717510.5
(73) The Wool Packaging Company Limited	ZONG, Zhaomeng	(47) 23.01.2019
	JIN, Yongzhe	(87) EP2008052763
		18.09.2008

(22) 07.03.2008	(51) F25J 1/02	APPARATUS AND AIR BREAKDOWN
(54) REFRIGERATING APPARATUS	F25J 3/02	APPARATUS
(73) BSH Hausgeräte GmbH	F25B 45/00	(73) Linde Aktiengesellschaft
(72) DAGCI, Özkan	(11) EP2483615	(72) Lautenschlager, Tobias
(31) 200701508	(21) EP10759659.5	(31) 15003483
(32) 12.03.2007	(47) 23.01.2019	(32) 07.12.2015
(33) Turkey	(87) EP2010064496	(33) European Patent Office (EPO)
(51) F25D 23/06	07.04.2011	(51) F26B 15/04
F16B 21/04	(22) 29.09.2010	F26B 21/02
(11) EP1794520	(54) METHOD OF FRACTIONATING A	F26B 21/06
(21) EP05786873.9	HYDROCARBON STREAM AND AN	F26B 23/00
(47) 23.01.2019	APPARATUS THEREFOR	F26B 25/22
(87) EP2005054657	(73) Shell Internationale Research Maatschappij	F26B 15/00
30.03.2006	B. V.	(11) EP3254041
(22) 19.09.2005	(72) FRETTE, Thor	(21) EP16702928.9
(54) REFRIGERATOR WITH BACK FOAMED	HICKS, Peter	(47) 23.01.2019
WALL AND COMOPNENT FOR	RUNBALK, David Bertil	(87) EP2016052348
MOUNTING ON THE WALL	PAULUS, Peter Marie	11.08.2016
(73) BSH Hausgeräte GmbH	(31) 09171722	(22) 04.02.2016
(72) ZIEGLER, Martin	(32) 30.09.2009	(54) METHOD FOR OPERATING A DRYING
ALTHAMMER, Hans	(33) European Patent Office (EPO)	SYSTEM IN AN AUTOMATED MANNER
JUNG, Carsten	(51) F25J 3/02	(73) KBA-MetalPrint GmbH
(31) 102004045475	C10L 3/00	(72) KURZ, Peter
(32) 20.09.2004	C07C 7/00	(31) 102015202163
(33) Germany	C07C 5/327	(32) 06.02.2015
(51) F25D 25/00	C10G 9/00	(33) Germany
F25D 23/02	C10G 70/04	(51) F26B 21/06
F25D 23/06	C10G 5/06	F26B 21/10
(11) EP2268988	C07C 7/09	F26B 21/00
(21) EP08873512.1	(11) EP3060629	(11) EP2161523
(47) 30.01.2019	(21) EP14793481.4	(21) EP09011554.4
(87) KR2008007787	(47) 30.01.2019	(47) 23.01.2019
24.09.2009	(87) EP2014072767	(22) 09.09.2009
(22) 30.12.2008	30.04.2015	(54) Drying cabin
(54) REFRIGERATOR	(22) 23.10.2014	(73) Wolf Anlagen-Technik GmbH & Co. KG
(73) LG ELECTRONICS INC.	(54) METHOD FOR FRACTIONATING A	(72) Weber, Sebastian
(72) KIM, Do-Hyung	STREAM OF CRACKED GAS, USING	(31) 202008017366 U
(31) 20080025111	AN INTERMEDIATE RECIRCULATION	(32) 09.09.2008
(32) 18.03.2008	STREAM, AND RELATED PLANT	(33) Germany
(33) Korea (Republic)	(73) Technip France	(51) F26B 21/12
(51) F25D 25/02	(72) DESTOUR, Bruno	F26B 3/04
(11) EP3141850	SIMON, Yvon	F26B 15/12
(21) EP16184602.7	DADOU, Aurélie	F26B 21/02
(47) 23.01.2019	CHAZALLET, David	(11) EP3254042
(22) 17.08.2016	(31) 1360349	(21) EP16702927.1
(54) A SHELF SYSTEM	(32) 23.10.2013	(47) 23.01.2019
(73) Vestel Beyaz Esya Sanayi ve Ticaret A.S.	(33) France	(87) EP2016052346
(72) AKAL, Anil	(51) F25J 3/04	11.08.2016
(31) 201511149	(11) EP3179188	(22) 04.02.2016
(32) 08.09.2015	(21) EP16020464.0	(54) METHOD FOR THE AUTOMATED
(33) Turkey	(47) 30.01.2019	OPERATION OF A DRYING PLANT
(51) F25J 1/00	(22) 24.11.2016	WITH A DRYING CHAMBER FILLED
F25J 1/02	(54) METHOD FOR THE LOW-	WITH AT LEAST ONE AIR VOLUME
(11) EP3246644	TEMPERATURE DECOMPOSITION OF	(73) KBA-MetalPrint GmbH
(21) EP17172043.6	AIR AND AIR SEPARATION PLANT	(72) KURZ, Peter
(47) 23.01.2019	(73) Linde Aktiengesellschaft	(31) 102015202162
(22) 19.05.2017	(72) Lautenschlager, Tobias	(32) 06.02.2015
(54) LIQUEFACTION METHOD AND	(31) 15003482	(33) Germany
SYSTEM	(32) 07.12.2015	(51) F27D 25/00
(73) AIR PRODUCTS AND CHEMICALS, INC.	(33) European Patent Office (EPO)	B08B 7/00
(72) BROSTOW, Adam Adrian	(51) F25J 3/04	F23J 3/02
CHEN, Fei	(11) EP3179187	F42B 3/087
ROBERTS, Mark Julian	(21) EP16020460.8	F42D 3/00
OTT, Christopher Michael	(47) 30.01.2019	F28G 7/00
(31) 201615160209	(22) 23.11.2016	(11) EP2788703
(32) 20.05.2016	(54) METHOD FOR OBTAINING A LIQUID	(21) EP12805914.4
(33) United States of America	AND A GASEOUS OXYGEN-RICH AIR	(47) 23.01.2019
	PRODUCT IN AN AIR BREAKDOWN	(87) CH2012000268

13.06.2013	BENDAPUDI, Satyam	(21) EP13779860.9
(22) 06.12.2012	BREEN, Sean P.	(47) 23.01.2019
(54) APPARATUS AND METHOD FOR CLEANING COMBUSTION DEVICES	YILMAZ, Salim Bahattin	(87) EP2013072066
(73) Bang & Clean GmbH	(31) 201161561507 P	08.05.2014
(72) BÜRGIN, Markus	(32) 18.11.2011	(22) 22.10.2013
(31) 19412011	(33) United States of America	(54) A METHOD FOR THE RECOVERY OF THE ENERGY DEVELOPED IN A POLYMERIZATION EXOTHERMIC DEVICE
(32) 07.12.2011	(51) F28D 7/00	(73) Versalis S.p.A
(33) Switzerland	F28D 7/16	(72) FIOROTTO, Nicola
(51) F28D 1/053	F28D 9/00	MARCHETTI, Gianni
F28F 9/02	F01K 23/06	GHENO, Matteo
F28F 9/18	(11) EP2843343	(31) MI20121866
B21D 53/08	(21) EP13181663.9	(32) 31.10.2012
(11) EP3115724	(47) 23.01.2019	(33) Italy
(21) EP16178020.0	(22) 26.08.2013	(51) F28D 20/00
(47) 23.01.2019	(54) Method of operating a heat exchanger	B65G 5/00
(22) 05.07.2016	(73) MAHLE Behr GmbH & Co. KG	F24D 17/00
(54) TUBE HEADER FOR HEAT EXCHANGER	(72) Geskes, Dr., Peter	E04H 1/00
(73) Mahle International GmbH	Irmeler, Klaus	F24D 3/08
(72) ABELL, Bradley D.	Pantow, Dr., Eberhard	F24D 19/10
POTTER, Nicholas A.	Schmidt, Michael	(11) EP2914918
DUNKER, Jeffrey A.	(51) F28D 7/16	(21) EP13851033.4
NAGEL, David A.	F25B 39/04	(47) 30.01.2019
(31) 201514793135	F28D 7/00	(87) SE2013051283
(32) 07.07.2015	F28F 7/02	08.05.2014
(33) United States of America	F25B 39/00	(22) 01.11.2013
(51) F28D 1/053	F28D 1/02	(54) THERMAL ENERGY STORAGE SYSTEM COMPRISING A COMBINED HEATING AND COOLING MACHINE AND A METHOD FOR USING THE THERMAL ENERGY STORAGE SYSTEM
F28F 27/02	F28F 1/02	(73) Skanska Sverige AB
F28D 1/03	(11) EP2602578	(72) PILEBRO, Hans
(11) EP2135025	(21) EP11814315.5	STRAND, Tobias
(21) EP08715822.6	(47) 23.01.2019	VESTIN, Rasmus
(47) 23.01.2019	(87) JP2011004459	(31) 1251241
(87) EP2008001222	09.02.2012	(32) 01.11.2012
18.09.2008	(22) 05.08.2011	(33) Sweden
(22) 18.02.2008	(54) HEAT EXCHANGER AND REFRIGERATION AND AIR CONDITIONING DEVICE	(51) F28F 1/32
(54) HEAT EXCHANGER FOR EVAPORATING A LIQUID PORTION OF A MEDIUM HAVING A BYPASS FOR AN EVAPORATED PORTION OF THE MEDIUM	(73) Mitsubishi Electric Corporation	F25B 39/02
(73) MAHLE Behr GmbH & Co. KG	(72) YOSHIMURA, Susumu	F24F 1/00
(72) KERLER, Boris	NAKAMUNE, Hiroaki	F28F 17/00
SEEWALD, Wolfgang	SAKAI, Mizuo	F28D 1/02
GEIGER, Michael Paul	IKEDA, Soshi	F28D 1/047
WALTER, Christoph	(31) 2010176044	(11) EP2048465
KRANICH, Michael	(32) 05.08.2010	(21) EP07767865.4
GNEITING, Ronald	(33) Japan	(47) 23.01.2019
(31) 102007013125	(51) F28D 9/00	(87) JP2007063078
(32) 15.03.2007	B01D 1/22	24.01.2008
(33) Germany	B01D 3/06	(22) 29.06.2007
(51) F28D 3/02	B01D 1/26	(54) HEAT EXCHANGER AND AIR CONDITIONER
F28D 3/04	C02F 1/04	(73) Daikin Industries, Ltd.
F28D 7/16	B01D 1/30	(72) KITAZAWA, Masaaki
F28F 9/02	B01D 3/10	DOI, Takashi
F25B 39/02	(11) EP3184950	YAMASHITA, Tetsuya
F28D 21/00	(21) EP15202068.1	NAGAOKA, Shinji
(11) EP2780650	(47) 30.01.2019	OHGAMI, Isao
(21) EP12795686.0	(22) 22.12.2015	(31) 2006195115
(47) 23.01.2019	(54) A DISTILLATION PLANT WITH REMOVABLE PLATE HEAT EXCHANGERS	(32) 18.07.2006
(87) US2012065218	(73) Alfa Laval Corporate AB	(33) Japan
23.05.2013	(72) VALBJØRN, Peter	(51) F28F 3/02
(22) 15.11.2012	ANDERSEN, Bo Juul	B29C 67/00
(54) SHELL AND TUBE HEAT EXCHANGER	(51) F28D 15/00	F28D 9/00
(73) Carrier Corporation	B01J 19/18	B22F 3/105
(72) ESFORMES, Jack Leon	F28D 20/00	B22F 5/10
HUANG, XingHua	F28D 21/00	
CHRISTIANS, Marcel	B01J 19/00	
	C08F 2/00	
	(11) EP2914917	

B22F 3/10	(22) 16.06.2014	(31) 0605983
B33Y 80/00	(54) HEAT EXCHANGER, IN PARTICULAR	(32) 03.07.2006
(11) EP3265739	FOR VEHICLE AIR CONDITIONING	(33) France
(21) EP16708938.2	LOOPS OR CIRCUITS	(51) F41A 15/22
(47) 23.01.2019	(73) Valeo Systemes Thermiques	F41F 3/058
(87) EP2016000375	(72) DURBECQ, Gaël	B66C 1/62
09.09.2016	CUILLIER, Jean-Baptiste	(11) EP3177886
(22) 03.03.2016	(31) 1355854	(21) EP15738933.9
(54) 3D PRINTED HEATING SURFACE	(32) 20.06.2013	(47) 30.01.2019
ELEMENT FOR A PLATE HEAT	(33) France	(87) EP2015066612
EXCHANGER	(51) F28F 9/02	11.02.2016
(73) Linde Aktiengesellschaft	(11) EP3022511	(22) 21.07.2015
(72) DIETRICH, Jörg	(21) EP14739726.9	(54) DEVICE FOR UNLOADING A
(31) 15000638	(47) 30.01.2019	PROJECTILE FROM THE MUZZLE OF
(32) 05.03.2015	(87) EP2014064378	THE BARREL OF A WEAPON
(33) European Patent Office (EPO)	22.01.2015	(73) Rheinmetall Waffe Munition GmbH
(51) F28F 7/02	(22) 04.07.2014	(72) DAU, Ole
F28D 15/02	(54) HEAT EXCHANGER WITH AN	SACKARNDT, Alfons
F28D 15/04	ADAPTER UNIT FIXED TO AN	(31) 102014111307
F28F 13/00	ENDPLATE, AND ASSOCIATED	(32) 07.08.2014
B64G 1/50	METHOD OF MANUFACTURE	(33) Germany
(11) EP3347667	(73) Valeo Systemes Thermiques	(51) F41B 11/51
(21) EP16812986.4	(72) DENOUAL, Christophe	F41B 11/57
(47) 30.01.2019	POURMARIN, Alain	(11) EP3011254
(87) FR2016052966	TISON, Frédéric	(21) EP14814073.4
26.05.2017	(31) 1357162	(47) 30.01.2019
(22) 16.11.2016	(32) 19.07.2013	(87) US2014043345
(54) HEAT EXCHANGE DEVICE FOR	(33) France	24.12.2014
ARTIFICIAL SATELLITE, WALL AND	(51) F28F 9/02	(22) 20.06.2014
ASSEMBLY OF WALLS COMPRISING	F25B 39/02	(54) COMPRESSED GAS GUN HAVING
SUCH A HEAT EXCHANGE DEVICE	F28D 9/00	BUILT-IN, INTERNAL PROJECTILE
(73) Airbus Defence and Space SAS	F28D 21/00	FEED MECHANISM
(72) FLEMIN, Christian	(11) EP3237825	(73) Kee Action Sports I LLC
COQUARD, Typhaine	(21) EP15808106.7	(72) STEVENS, Simon B.
WALKER, Andrew	(47) 30.01.2019	(31) 201361837984 P
(31) 1561010	(87) EP2015002463	201361891781 P
(32) 16.11.2015	30.06.2016	(32) 21.06.2013
(33) France	(22) 07.12.2015	16.10.2013
(51) F28F 9/00	(54) HEAT EXCHANGER, IN PARTICULAR	(33) United States of America
F28D 1/04	BLOCK-IN-SHELL HEATER WITH A	United States of America
(11) EP3348944	SEPARATING UNIT FOR SEPARATING	(51) F41F 3/08
(21) EP17198708.4	A GASEOUS PHASE FROM A LIQUID	F41F 3/052
(47) 30.01.2019	PHASE AND FOR DISTRIBUTING THE	(11) EP3213027
(22) 26.10.2017	LIQUID PHASE	(21) EP15775214.8
(54) A HEAT EXCHANGER ASSEMBLY	(73) Linde Aktiengesellschaft	(47) 30.01.2019
(73) DENSO Marston Ltd	(72) KAYSER, Stefan	(87) EP2015073083
(72) CUMMINS, Craig	BRENNER, Steffen	06.05.2016
EMERY, James	DAVIES, Paul Raymond	(22) 07.10.2015
(31) 201700566	(31) 14004381	(54) WEAPON BARREL COMPRISING A
(32) 12.01.2017	(32) 23.12.2014	MOUNTING
(33) United Kingdom	(33) European Patent Office (EPO)	(73) ThyssenKrupp Marine Systems GmbH
(51) F28F 9/02	(51) F28G 7/00	thyssenkrupp AG
(11) EP2584302	F28C 1/00	(72) RODEMERK, Holger
(21) EP12185723.9	(11) EP2035766	TOOBE, Werner
(47) 23.01.2019	(21) EP07803823.9	RIEGEL, Peter
(22) 24.09.2012	(47) 23.01.2019	(31) 102014015970
(54) Manifold profile	(87) FR2007001114	(32) 31.10.2014
(73) Autokühler GmbH & Co. KG	10.01.2008	(33) Germany
(72) Ritzmann, Gerhard	(22) 02.07.2007	(51) F41F 3/08
(31) 202011051713 U	(54) METHOD AND DEVICE FOR CLEANING	F41F 7/00
(32) 21.10.2011	THE WATER TRICKLING SURFACES IN	F42B 12/70
(33) Germany	AN AIR/WATER HEAT EXCHANGER	(11) EP3262368
(51) F28F 9/02	(73) DYANERGIE	(21) EP16701511.4
(11) EP3011252	(72) GOMEZ, Rémi	(47) 23.01.2019
(21) EP14730170.9	LAURENT, Nicolas	(87) EP2016051538
(47) 30.01.2019	DEGRANGE, Michel	01.09.2016
(87) EP2014062558	MEURVILLE, Jean-Marc	(22) 26.01.2016
24.12.2014	BLOKBERGEN, Paule	(54) WEAPON EJECTION DEVICE

- (73) ThyssenKrupp Marine Systems GmbH
thyssenkrupp AG
(72) DOBRINDT, Dirk
(31) 102015203605
(32) 27.02.2015
(33) Germany
-
- (51) F41G 3/22
F41G 3/16
F41G 3/02
F41G 9/00
G02B 27/01
G01C 23/00
G05D 1/00
(11) EP2142875
(21) EP08748113.1
(47) 23.01.2019
(87) CA2008000668
16.10.2008
(22) 09.04.2008
(54) SELF-ORIENTING RETICLE
(73) Marinvent Corporation
(72) MARIS, John, M.
(31) 910806 P
(32) 09.04.2007
(33) United States of America
-
- (51) F41G 7/26
G01S 1/70
(11) EP3234492
(21) EP15828668.2
(47) 30.01.2019
(87) IL2015051208
23.06.2016
(22) 13.12.2015
(54) GUIDANCE SYSTEM AND METHOD
(73) Israel Aerospace Industries Ltd.
(72) AVNI, Tsafir
(31) 23633814
(32) 18.12.2014
(33) Israel
-
- (51) F41H 5/04
(11) EP2313736
(21) EP09797497.6
(47) 23.01.2019
(87) EP2009058992
21.01.2010
(22) 14.07.2009
(54) BALLISTIC RESISTANT ARTICLES
COMPRISING ELONGATE BODIES
(73) Teijin Aramid B.V.
(72) BOVENSCHEN, Soon Joo
JOURNEÉ, Marinus Johannes Gerardus
VAN DER EEM, Joris
NIENHUIS, Erik Oscar
BOS, Johannes
(31) 08160594
09150306
(32) 17.07.2008
09.01.2009
(33) European Patent Office (EPO)
European Patent Office (EPO)
-
- (51) F41H 7/04
(11) EP2901099
(21) EP13783247.3
(47) 23.01.2019
(87) DE2013100343
03.04.2014
(22) 26.09.2013
- (54) DEFORMATION ELEMENT AND
METHOD FOR PRODUCING A
DEFORMATION ELEMENT
(73) Krauss-Maffei Wegmann GmbH & Co. KG
(72) STEGER, Gernot
DOBSON, Andreas
ADRYANTO, Nelly
(31) 102012109190
(32) 27.09.2012
(33) Germany
-
- (51) F41H 11/136
F41H 11/12
B63G 7/06
F41H 11/16
H01F 7/18
(11) EP1983295
(21) EP07290482.4
(47) 30.01.2019
(22) 19.04.2007
(54) Device for protecting an oscillating power
circuit
(73) NEXTER Systems
(72) Huet, Guillaume
Orquera, François
-
- (51) F41J 11/00
F41J 7/06
F41A 35/00
F41G 1/46
(11) EP3132228
(21) EP15722026.0
(47) 30.01.2019
(87) DE2015100158
22.10.2015
(22) 15.04.2015
(54) DEVICE FOR EVENT
REPRESENTATIONS IN DUEL
SHOOTING
(73) Bayer, Reiner
(72) Bayer, Reiner
(31) 202014101791 U
(32) 15.04.2014
(33) Germany
-
- (51) F42B 7/04
F42B 12/74
(11) EP3111156
(21) EP15715785.0
(47) 30.01.2019
(87) FR2015050457
03.09.2015
(22) 26.02.2015
(54) CARTRIDGE AMMUNITION
COMPRISING MULTIPLE LEAD-FREE
PROJECTILES INTERCONNECTED BY A
METALLIC LINE
(73) Shoot Hunting Outdoor
(72) MARICAILLE, Patrick
(31) 1451556
(32) 26.02.2014
(33) France
-
- (51) F42B 12/06
F42B 12/44
F42B 12/20
(11) EP3312546
(21) EP16405018.9
(47) 30.01.2019
(22) 20.10.2016
(54) MULTI-PURPOSE PROJECTILE
(73) RUAG Ammotec AG
- (72) Muster, Michael
Bucher, Markus
Gfeller, Markus
-
- (51) F42C 9/10
F42C 14/02
F42C 15/184
F42C 15/34
(11) EP3230682
(21) EP15808153.9
(47) 30.01.2019
(87) EP2015079190
16.06.2016
(22) 10.12.2015
(54) FUZE SYSTEM FOR HAND GRENADES
(73) RUAG Ammotec AG
(72) MUSTER, Michael
GFELLER, Markus
KNUBEL, Werner
(31) 14197199
(32) 10.12.2014
(33) European Patent Office (EPO)
-
- (51) G01B 11/00
G01B 11/25
G01B 21/04
(11) EP3255376
(21) EP17174843.7
(47) 23.01.2019
(22) 07.06.2017
(54) METHOD FOR DETECTING A SCENE
CHANGE IN A DIMENSIONER AND
CORRESPONDING DIMENSIONING
SYSTEM
(73) Hand Held Products, Inc.
(72) LLOYD, Ryan Andrew
MCCLOSKEY, Scott
(31) 201615179327
(32) 10.06.2016
(33) United States of America
-
- (51) G01B 11/02
(11) EP1882154
(21) EP06724619.9
(47) 23.01.2019
(87) EP2006003941
23.11.2006
(22) 27.04.2006
(54) AUTOMATIC ILLUMINATING SYSTEM
FOR A CONTACTLESSLY MEASURING
AUTOMOBILE SERVICE DEVICE
(73) Beissbarth GmbH
(72) BUX, Hermann
BICHLMEIER, Ulrich
SCHOMMER, Stefan
(31) 102005022565
(32) 17.05.2005
(33) Germany
-
- (51) G01B 11/24
G06T 1/00
(11) EP2990757
(21) EP14785362.6
(47) 30.01.2019
(87) JP2014060591
23.10.2014
(22) 14.04.2014
(54) THREE-DIMENSIONAL SHAPE
MEASUREMENT DEVICE, THREE-
DIMENSIONAL SHAPE MEASUREMENT
METHOD, AND THREE-DIMENSIONAL
SHAPE MEASUREMENT PROGRAM

(73) Toppan Printing Co., Ltd.	(32) 25.04.2014	Kamizono, Fumihiko
(72) UNTEN, Hiroki	(33) Japan	(31) 2013203866
ISHII, Tatsuya	(51) G01B 21/04	(32) 30.09.2013
(31) 2013088555	G01B 5/00	(33) Japan
(32) 19.04.2013	G01B 5/008	(51) G01C 19/5776
(33) Japan	(11) EP3250884	(11) EP3268695
(51) G01B 11/26	(21) EP15798119.2	(21) EP15804097.2
B21D 5/00	(47) 23.01.2019	(47) 30.01.2019
(11) EP3303988	(87) EP2015077366	(87) EP2015077952
(21) EP16728599.8	02.06.2016	15.09.2016
(47) 23.01.2019	(22) 23.11.2015	(22) 27.11.2015
(87) AT2016050164	(54) COORDINATE MEASURING MACHINE	(54) DEVICE AND METHOD FOR
01.12.2016	AND METHOD FOR COMPENSATING	PROCESSING RESIDUAL VALUES
(22) 25.05.2016	FOR LARGE WORKPIECE MASSES	WHEN CONTROLLING A SENSOR
(54) ELECTRONIC ANGLE MEASURING	(73) Carl Zeiss Industrielle Messtechnik GmbH	(73) Northrop Grumman LITEF GmbH
DEVICE FOR A BENDING MACHINE	(72) ROTH, Roland	(72) SPAHLINGER, Günter
FOR MEASURING THE BENDING	LEITENBERGER, Werner	ZIMMERMANN, Steffen
ANGLE BETWEEN THE LIMBS OF A	GRUPP, Guenter	(31) 102015003196
SHEET	JACOBS, Oliver	(32) 12.03.2015
(73) KEBA AG	WUERFEL, Carsten	(33) Germany
(72) WÖGERBAUER, Johann	(31) 102014117244	(51) G01C 19/5776
WÖGERBAUER, Andreas	(32) 25.11.2014	H03M 3/02
(31) 3342015	(33) Germany	(11) EP3222968
(32) 28.05.2015	(51) G01C 15/00	(21) EP17162268.1
(33) Austria	(11) EP3220102	(47) 23.01.2019
(51) G01B 17/00	(21) EP17161138.7	(22) 22.03.2017
G01B 17/06	(47) 30.01.2019	(54) METHOD FOR AUTOMATIC
G01B 5/20	(22) 15.03.2017	FREQUENCY ADJUSTMENT OF
G01B 21/04	(54) LASER LEVEL	FILTERS DURING OPERATION IN
(11) EP3348959	(73) Stanley Black & Decker, Inc.	CLOSED CONTROL LOOPS
(21) EP18151070.2	(72) Spaulding, James	(73) Albert-Ludwigs-Universität Freiburg
(47) 23.01.2019	(31) 201662308490 P	(72) MARX, Maximilian
(22) 10.01.2018	201615131148	DE DORIGO, Daniel
(54) A METHOD OF MEASURING FAN	(32) 15.03.2016	MANOLI, Yiannos
BLADE PICTURE FRAME WIDTH	18.04.2016	(31) 102016204683
(73) Rolls-Royce plc	(33) United States of America	(32) 22.03.2016
(72) Ng, Wu Xin Charles	United States of America	(33) Germany
Teh, Wei Hock	(51) G01C 15/00	(51) G01C 21/00
Ye, Shao Chun	F21V 5/04	G01C 21/20
Chan, Kelvin Hau-Kong	H01L 33/00	G06Q 10/00
(31) 201700534	G02B 19/00	(11) EP2145155
(32) 12.01.2017	F21V 7/00	(21) EP08780477.9
(33) United Kingdom	F21W 111/00	(47) 30.01.2019
(51) G01B 21/00	F21W 131/40	(87) US2008057126
G01B 21/22	F21Y 115/10	20.11.2008
G01C 21/12	(11) EP3213029	(22) 14.03.2008
G05D 1/08	(21) EP15763168.0	(54) METHOD AND APPARATUS
B64D 47/00	(47) 23.01.2019	FOR ROUTING OCEAN GOING
G01C 23/00	(87) US2015047927	VESSELS TO AVOID TREACHEROUS
G01S 19/47	06.05.2016	ENVIRONMENTS
G01S 13/86	(22) 01.09.2015	(73) The Boeing Company
G01S 7/40	(54) TWO WAY OMNIDIRECTIONAL LENS	(72) BRUCE, Alan, E.
H01Q 3/02	(73) Trimble Inc.	GADLER, Daniel, J.
G01S 13/60	(72) HAYES, James N.	NAKAMOTO, Kyle, M.
G01S 13/90	SNYDER, Chris W.	COBLEIGH, Kenneth A
(11) EP3136047	(31) 201414524691	(31) 735831
(21) EP15782699.1	(32) 27.10.2014	(32) 16.04.2007
(47) 30.01.2019	(33) United States of America	(33) United States of America
(87) JP2015002073	(51) G01C 15/00	(51) G01C 21/00
29.10.2015	G01B 11/02	G08G 1/0969
(22) 15.04.2015	(11) EP2853859	G09B 29/00
(54) POSITION AND ATTITUDE	(21) EP14186583.2	G01C 21/36
ESTIMATION DEVICE, IMAGE	(47) 30.01.2019	G01C 21/34
PROCESSING DEVICE, AND POSITION	(22) 26.09.2014	G06T 11/00
AND ATTITUDE ESTIMATION METHOD	(54) Laser surveying system	(11) EP2972087
(73) NEC Corporation	(73) Kabushiki Kaisha Topcon	(21) EP14765764.7
(72) YAMASHITA, Toshiaki	(72) Kumagai, Kaoru	(47) 30.01.2019
(31) 2014091279	Kodaira, Junichi	(87) KR2014001982

18.09.2014	(22) 23.05.2015	(11) EP2455714
(22) 11.03.2014	(54) SENSOR FUSION USING INERTIAL AND	(21) EP10191721.9
(54) NAVIGATION SYSTEM WITH DYNAMIC	IMAGE SENSORS	(47) 23.01.2019
UPDATE MECHANISM AND METHOD	(73) SZ DJI Technology Co., Ltd.	(22) 18.11.2010
OF OPERATION THEREOF	The Hong Kong University of Science and	(54) Method and device for displaying road
(73) Samsung Electronics Co., Ltd.	Technology	segments
(72) WU, Yun	(72) LIU, Tianbo	(73) Harman Becker Automotive Systems GmbH
TAN, Nastasha	SHEN, Shaojie	(72) Strassenburg-Kleciak, Marek
SHIH, Nina	LIN, Yi	(51) G01C 21/34
(31) 201361783517 P	LING, Yonggen	G01C 21/36
201314052577	YANG, Zhenfei	G07C 7/00
(32) 14.03.2013	ZHAO, Kaiyong	(11) EP2789980
11.10.2013	(51) G01C 21/16	(21) EP14163166.3
(33) United States of America	G05D 1/02	(47) 30.01.2019
United States of America	G01S 5/16	(22) 02.04.2014
(51) G01C 21/08	(11) EP2434256	(54) Planning of driving and driving interruptions
G01C 21/16	(21) EP11182018.9	based on points of interest
G01C 17/38	(47) 23.01.2019	(73) Scania CV AB (publ)
B64D 43/00	(22) 20.09.2011	(72) Norberg, Jonas
B64D 45/00	(54) Camera and inertial measurement unit	Aho Tarkka, Adeliina
G01C 9/00	integration with navigation data feedback for	Fagerberg, Kalle
G01S 19/40	feature tracking	Johansson, Jonny
(11) EP3012584	(73) Honeywell International Inc.	Wikman, Anders
(21) EP15189445.8	(72) Ma, Yunqian	(31) 1350434
(47) 30.01.2019	Hawkinson, Wesley J.	(32) 08.04.2013
(22) 12.10.2015	(31) 889728	(33) Sweden
(54) METHOD OF DETECTING ATTITUDE	(32) 24.09.2010	(51) G01C 21/36
FAULTS BASED ON MAGNETOMETER	(33) United States of America	B60R 11/04
MEASUREMENTS	(51) G01C 21/20	(11) EP3234507
(73) Honeywell International Inc.	G06T 7/00	(21) EP15787156.7
(72) MORRISON, John R.	(11) EP2711670	(47) 23.01.2019
WEED, Douglas Mark	(21) EP12006628.7	(87) EP2015074090
HICKEY, Mark	(47) 30.01.2019	23.06.2016
(31) 201462066133 P	(22) 21.09.2012	(22) 19.10.2015
201514599027	(54) Visual localisation	(54) CAMERA SYSTEM AND METHOD FOR
(32) 20.10.2014	(73) NavVis GmbH	OPERATING A CAMERA SYSTEM
16.01.2015	(72) Steinbach, Eckehard Prof. Dr-Ing.	(73) Robert Bosch GmbH
(33) United States of America	Huitl, Robert Dipl.-Ing.	(72) NIEMZ, Volker
United States of America	Schroth, Georg Dipl.-Ing.	(31) 102014225875
(51) G01C 21/12	Hilsenbeck, Sebastian Dipl.-Ing.	(32) 15.12.2014
G01C 21/16	(51) G01C 21/28	(33) Germany
G06T 7/73	G01C 21/16	(51) G01C 21/36
G01C 21/00	G05D 1/02	G06F 3/023
(11) EP2322902	(11) EP3109589	G06F 3/0482
(21) EP10014496.3	(21) EP15173380.5	G06F 3/0488
(47) 23.01.2019	(47) 30.01.2019	G06F 17/24
(22) 11.11.2010	(22) 23.06.2015	G06F 3/0338
(54) System and method for determining heading	(54) A UNIT AND METHOD FOR IMPROVING	G06F 3/0484
(73) Northrop Grumman Guidance and	POSITIONING ACCURACY	(11) EP2972100
Electronics Company, Inc.	(73) Volvo Car Corporation	(21) EP14708808.2
(72) Chueh, Kainan	(72) Brännström, Mattias	(47) 30.01.2019
Dickman, Jeffrey	Lin-Sörstedt, Joakim	(87) EP2014000576
Ahmadi, Reza	Karlsson, Peter	18.09.2014
(31) 616487	(51) G01C 21/32	(22) 06.03.2014
(32) 11.11.2009	(11) EP2789978	(54) NAVIGATION DEVICE HAVING A
(33) United States of America	(21) EP13189706.8	SPELL COMPLETION SUGGESTION
(51) G01C 21/16	(47) 23.01.2019	(73) Audi AG
G01C 25/00	(22) 22.10.2013	(72) BOUAZIZ, Tahar
G05D 1/02	(54) Navigation system and method for displaying	BETZ, Michael
G05D 1/10	photomap on navigation system	KÖBERLE, Carolin
G06K 9/46	(73) Hyundai Mnssoft, Inc.	DÖTSCH, Markus
G06T 7/80	(72) Kim, Sang Hun	(31) 102013004239
G06T 7/246	(31) 20130038343	(32) 12.03.2013
(11) EP3158293	(32) 08.04.2013	(33) Germany
(21) EP15871317.2	(33) Korea (Republic)	(51) G01C 21/36
(47) 23.01.2019	(51) G01C 21/34	G06T 1/00
(87) CN2015079636	G01C 21/36	G06F 17/00
01.12.2016		(11) EP2761584

(21) EP12837289.3	(22) 02.12.2010	(72) KICHISE, Hiroshi
(47) 23.01.2019	(54) HAND-OPERATED THROTTLE WITH	(31) 2012128124
(87) US2012056199	ROTATIONAL ANGLE MEASURING	(32) 05.06.2012
04.04.2013	SYSTEM	(33) Japan
(22) 20.09.2012	(73) Hirschmann Automotive GmbH	(51) G01D 5/244
(54) LABEL POSITIONING TECHNIQUE TO	(72) DENGLER, Werner	G01R 33/00
REDUCE CRAWLING DURING ZOOM	WALSER, Bastien	(11) EP3299772
ACTIVITIES	KREUTER, Markus	(21) EP17190292.7
(73) Google LLC	(31) 102009056732	(47) 30.01.2019
(72) CORNELL, Brian	(32) 04.12.2009	(22) 11.09.2017
MAURER, Jennifer	(33) Germany	(54) DISPLACEMENT SENSOR
(31) 201113244742	(51) G01D 5/20	(73) AISIN SEIKI KABUSHIKI KAISHA
(32) 26.09.2011	G01D 5/244	(72) SHINOHARA, Minoru
(33) United States of America	H03K 19/21	(31) 2016184555
(51) G01C 23/00	H03K 5/24	(32) 21.09.2016
G05D 1/10	(11) EP3245481	(33) Japan
G05D 1/00	(21) EP15813332.2	(51) G01D 5/347
(11) EP2498055	(47) 30.01.2019	(11) EP3136058
(21) EP11181017.2	(87) EP2015079701	(21) EP16184923.7
(47) 23.01.2019	21.07.2016	(47) 30.01.2019
(22) 13.09.2011	(22) 15.12.2015	(22) 19.08.2016
(54) Management System for Unmanned Aerial	(54) INDUCTIVE POSITION	(54) MULTI-TRACK ABSOLUTE ENCODER
Vehicles	DETERMINATION	(73) Novanta Corporation
(73) The Boeing Company	(73) ZF Friedrichshafen AG	(72) GOLDMAN, Andrew M
(72) McIver, John L.	(72) DEGEN, Joachim	BERNARD, Marc A
Bruce, Alan E.	JAHN, Jorg	THORBURN, William G
Gadler, Daniel J.	(31) 102015200619	(31) 201514836021
Spinelli, Charles B.	(32) 16.01.2015	(32) 26.08.2015
(31) 881292	(33) Germany	(33) United States of America
(32) 14.09.2010	(51) G01D 5/244	(51) G01D 5/347
(33) United States of America	G01D 4/00	G01D 5/34
(51) G01D 4/00	G01R 21/133	(11) EP3067668
(11) EP3137852	G01R 19/25	(21) EP14860233.7
(21) EP15719610.6	(11) EP2500697	(47) 30.01.2019
(47) 30.01.2019	(21) EP12158928.7	(87) JP2014079131
(87) DK2015050105	(47) 23.01.2019	14.05.2015
05.11.2015	(22) 09.03.2012	(22) 31.10.2014
(22) 27.04.2015	(54) System and method for generating an energy	(54) OPTICAL ENCODER UNIT AND
(54) CONSUMPTION METER WITH	usage profile for an electrical device	OPTICAL ENCODER
ANTENNA	(73) Aclara Meters LLC	(73) NSK Ltd.
(73) Kamstrup A/S	(72) Alexander, George William	(72) OGUCHI, Toshiaki
(72) LAURSEN, Peter Schmidt	Boot, John Christopher	(31) 2013229565
JØRGENSEN, Claus	(31) 201113047596	(32) 05.11.2013
PILEGAARD, Lasse	(32) 14.03.2011	(33) Japan
(31) 14166371	(33) United States of America	(51) G01D 5/353
(32) 29.04.2014	(51) G01D 5/244	G01M 11/00
(33) European Patent Office (EPO)	G01D 5/249	(11) EP3139135
(51) G01D 5/14	G01B 5/24	(21) EP16187090.2
(11) EP2677280	(11) EP3255385	(47) 30.01.2019
(21) EP12747593.7	(21) EP16173730.9	(22) 02.09.2016
(47) 23.01.2019	(47) 30.01.2019	(54) OPTICAL FIBER CHARACTERISTIC
(87) JP2012053338	(22) 09.06.2016	MEASURING DEVICE
23.08.2012	(54) A CONTROLLER TO REDUCE	(73) Yokogawa Electric Corporation
(22) 14.02.2012	INTEGRAL NON-LINEARITY ERRORS	(72) Matsuura, Satoshi
(54) ROTATION ANGLE DETECTION	OF A MAGNETIC ROTARY ENCODER	Furukawa, Osamu
DEVICE	(73) ams AG	(31) 2015175901
(73) Mikuni Corporation	(72) Michelitsch, Stephan	(32) 07.09.2015
(72) SUZUKI, Keigo	(51) G01D 5/244	(33) Japan
HIEI, Masaki	G01L 5/22	(51) G01D 5/48
(31) 2011030019	G01L 25/00	G01D 21/00
(32) 15.02.2011	G01L 3/10	G01S 7/40
(33) Japan	G01M 17/06	G01S 7/02
(51) G01D 5/14	(11) EP2672233	(11) EP1946049
(11) EP2507592	(21) EP13170212.8	(21) EP06807401.2
(21) EP10788252.4	(47) 23.01.2019	(47) 23.01.2019
(47) 30.01.2019	(22) 03.06.2013	(87) EP2006067572
(87) EP2010007321	(54) Sensor device	10.05.2007
09.06.2011	(73) JTEKT CORPORATION	

(22) 19.10.2006	(11) EP3076137	(33) Germany
(54) MEASURING DEVICE	(21) EP15194582.1	(51) G01F 25/00
(73) ROBERT BOSCH GMBH	(47) 30.01.2019	G01F 23/284
(72) MAHLER, Michael	(22) 13.11.2015	G01S 7/40
HOFFMANN, Ulli	(54) FLOW SENSOR FOR DETERMINING	G01S 13/34
KRAPF, Reiner	AN AIR BUBBLE, PARTICULARLY IN	G01S 13/88
WIELAND, Christoph	A CATHETER, AND CORRESPONDING	(11) EP3126795
BRAUN, Heiko	METHOD	(21) EP15712969.3
(31) 102005052369	(73) Sensirion AG	(47) 30.01.2019
(32) 31.10.2005	(72) KOSTNER, Stefan	(87) EP2015057154
(33) Germany	MAHLER, Lukas	08.10.2015
(51) G01D 11/24	SARATZ, Niculin	(22) 01.04.2015
G12B 9/04	(51) G01F 1/84	(54) SELF-DIAGNOSING FMCW RADAR
(11) EP3227641	(11) EP1182433	LEVEL GAUGE
(21) EP15757234.8	(21) EP01203104.3	(73) Rosemount Tank Radar AB
(47) 30.01.2019	(47) 23.01.2019	(72) KLEMAN, Mikael
(87) EP2015069748	(22) 14.08.2001	(31) 201414242054
09.06.2016	(54) Coriolis mass flow sensor	(32) 01.04.2014
(22) 28.08.2015	(73) EMERSON ELECTRIC CO.	(33) United States of America
(54) SENSOR ASSEMBLY	(72) Barger, Michael J.	(51) G01H 1/00
(73) Grundfos Holding A/S	Dille, Joseph C.	G01M 13/04
(72) JACOBSEN, Kjeld Winther	Scott, Timothy W.	(11) EP2373961
JACOBSEN, John B.	Whiteley, Jeffrey L.	(21) EP09835354.3
HAUGAARD, Mikkel	(31) 641698	(47) 30.01.2019
(31) 14196094	(32) 18.08.2000	(87) SE2009051491
(32) 03.12.2014	(33) United States of America	01.07.2010
(33) European Patent Office (EPO)	(51) G01F 22/00	(22) 22.12.2009
(51) G01F 1/115	F24H 1/00	(54) APPARATUS FOR ANALYSING THE
G01F 1/12	G01K 17/08	CONDITION OF A MACHINE HAVING A
(11) EP3139137	F24H 9/20	ROTATING PART
(21) EP16194481.4	F24H 1/20	(73) S.P.M. Instrument AB
(47) 23.01.2019	G01F 25/00	(72) HEDIN, Lars-Olov Elis
(22) 23.04.2010	(11) EP3078942	(31) 0850180
(54) FLUID FLOW METER	(21) EP16164420.8	0950310
(73) Elster Water Metering Limited	(47) 30.01.2019	175511 P
(72) BARDON, Ross James	(22) 08.04.2016	(32) 22.12.2008
CLARIDGE, Ronald Desmond	(54) METHODS FOR DETERMINING	05.05.2009
RASHID, Alam	A VOLUME OF LIQUID AT A	05.05.2009
ROGERS, Ivor Thomas	PREDETERMINED TEMPERATURE,	(33) Sweden
STOCKILL, William David	FOR CALCULATING QUANTITIES	Sweden
WRIGHT, Douglas Richard	OF THERMAL ENERGY, AND FOR	United States of America
(31) 0907012	DETERMINING A PROFILE OF HOT	(51) G01J 3/02
(32) 23.04.2009	WATER CONSUMPTION	G01J 3/443
(33) United Kingdom	(73) Carrier Corporation	G01J 3/28
(51) G01F 1/58	(72) AUZENET, Eric	G01J 3/18
G01F 1/66	LIAUDET, Franck	G01N 21/67
(11) EP2359100	PLISSON, Emmanuel	(11) EP2791635
(21) EP09799310.9	AMBLARD, Sandrine	(21) EP12806009.2
(47) 30.01.2019	RION, Loris	(47) 23.01.2019
(87) EP2009066909	(31) 1553129	(87) EP2012075064
24.06.2010	(32) 10.04.2015	20.06.2013
(22) 11.12.2009	(33) France	(22) 11.12.2012
(54) FLOW METER AND METHOD FOR	(51) G01F 23/292	(54) SPECTROMETER AND METHOD OF
PRODUCING A MEASUREMENT PIPE	(11) EP2193345	SPECTROSCOPY
OF A FLOW METER	(21) EP08801976.5	(73) Thermo Fisher Scientific (Ecublens) Sarl
(73) Endress+Hauser Flowtec AG	(47) 23.01.2019	(72) DEMARCO, Fabio
(72) VOIGT, Frank	(87) EP2008007404	DORIER, Jean-Luc
WOHLGEMUTH, Werner	19.03.2009	HALASZ, Edmund
SULZER, Thomas	(22) 10.09.2008	(31) 201121427
STÜNZI, Alexander	(54) OPTICAL SENSOR SYSTEM	(32) 14.12.2011
(31) 102008054961	(73) EPPENDORF AG	(33) United Kingdom
(32) 19.12.2008	(72) GÖTZ, Reinhold	(51) G01J 3/50
(33) Germany	HARNACK, Kurt	G01J 3/20
(51) G01F 1/68	KNOFE, Helmut	G01J 3/28
G01F 1/74	KROOG, Jens-Peter	G01J 3/02
G01F 1/688	SCHEFFLER, Peter	G01J 3/04
A61M 5/36	(31) 102007043741	(11) EP2869047
A61M 5/168	(32) 10.09.2007	(21) EP14190341.9

(47) 30.01.2019	(72) ROSSMEISSL, Thomas	HIRATA, Takahito
(22) 24.10.2011	ELFENBEIN, Eduard	(31) 2014087416
(54) Spectral colorimetric apparatus and image forming apparatus including the same	(31) 102015117723	2014126423
(73) CANON KABUSHIKI KAISHA	(32) 19.10.2015	2014192676
(72) Kobayashi, Hisanori	(33) Germany	(32) 21.04.2014
Komori, Shin	(51) G01K 1/18	19.06.2014
Obara, Mitsuhiro	G01K 7/18	22.09.2014
(31) 2010242219	(11) EP3264059	(33) Japan
2010242220	(21) EP16305776.3	Japan
(32) 28.10.2010	(47) 30.01.2019	Japan
28.10.2010	(22) 27.06.2016	(51) G01K 11/32
(33) Japan	(54) TEMPERATURE SENSOR WITH HEAT TRANSFER ELEMENT AND FABRICATION METHOD	(11) EP2966426
Japan	(73) MEAS France	(21) EP15172098.4
(51) G01J 9/00	(72) PECQUET, Nicolas Christophe R	(47) 30.01.2019
(11) EP2457072	BOUMEDDANE, Hamza	(22) 15.06.2015
(21) EP10739756.4	(51) G01K 1/20	(54) OPTICAL FIBER TEMPERATURE DISTRIBUTION MEASURING DEVICE
(47) 23.01.2019	G01K 7/42	(73) Yokogawa Electric Corporation
(87) US2010042558	G01D 3/036	(72) Takeuchi, Nobuaki
27.01.2011	G01D 3/02	(31) 2014139570
(22) 20.07.2010	(11) EP3324164	(32) 07.07.2014
(54) SHACK HARTMAN SENSOR WITH REMOVABLE LENSLET ARRAY	(21) EP16199823.2	(33) Japan
(73) Thorlabs, Inc.	(47) 23.01.2019	(51) G01K 11/32
(72) CABLE, Alex, E.	(22) 21.11.2016	(11) EP3161439
KRAUSE, Egbert	(54) COMPENSATING A SENSOR SIGNAL	(21) EP14896266.5
TARANTO, John	(73) Sensirion AG	(47) 30.01.2019
(31) 226821 P	(72) Diether, Salomon	(87) SE2014050788
(32) 20.07.2009	Baumann, Kristian	30.12.2015
(33) United States of America	(51) G01K 3/04	(22) 25.06.2014
(51) G01K 1/12	A61L 2/28	(54) OPTICAL FIBRE SENSOR SYSTEM FOR DETECTING TEMPERATURE CHANGES IN AN AIRCRAFT
G01K 7/02	G01K 7/32	(73) SAAB AB
G01K 13/00	G01K 7/36	(72) FISK, Fredrik
G01K 13/10	G01N 29/24	ANDERSSON, Björn-Erik
B22D 1/00	G01K 11/06	(51) G01K 15/00
B22D 41/00	G01N 31/22	G01K 11/06
C21C 5/46	(11) EP3186607	(11) EP3230705
C21C 5/48	(21) EP15760006.5	(21) EP15817960.6
F27D 3/15	(47) 30.01.2019	(47) 30.01.2019
F27D 3/16	(87) US2015046673	(87) FR2015053295
F27D 21/00	03.03.2016	16.06.2016
(11) EP2399106	(22) 25.08.2015	(22) 02.12.2015
(21) EP10706512.0	(54) MAGNETO-MECHANICAL RESONATOR SENSOR WITH MASS DISTRIBUTION CHANNEL	(54) DEVICE FOR LOCAL TEMPERATURE MEASUREMENT, ASSOCIATED CELL AND METHOD FOR USE
(47) 23.01.2019	(73) 3M Innovative Properties Company	(73) Electricité de France
(87) EP2010000987	(72) KNUDSON, Orlin B.	Laboratoire National de Metrologie et d'Essais
26.08.2010	HU, Jia	(72) BECK, Yves-Laurent
(22) 17.02.2010	LI, Chaodi	SOLLET, Patrick
(54) TEMPERATURE MEASURING DEVICE	RYLANDER, Richard L.	(31) 1462067
(73) Heraeus Elektro-Nite International N.V.	ELSBERND, Cheryl Lee Senger	(32) 08.12.2014
(72) KENDALL, Martin	WILLETT, Stephen J.	(33) France
(31) 153480 P	BONIFAS, Andrew P.	(51) G01L 3/10
176316 P	(31) 201462042362 P	F01D 5/02
(32) 18.02.2009	(32) 27.08.2014	F01D 17/04
07.05.2009	(33) United States of America	F01D 17/06
(33) United States of America	(51) G01K 1/18	(11) EP3071940
United States of America	G01F 1/69	(21) EP14882011.1
(51) G01K 1/18	(11) EP3136067	(47) 30.01.2019
G01F 1/69	(21) EP15782725.4	(87) US2014065000
(11) EP3234528	(47) 30.01.2019	13.08.2015
(21) EP16775663.4	(87) JP2015061973	(22) 11.11.2014
(47) 23.01.2019	29.10.2015	(54) MONITORING A DYNAMIC PARAMETER SUCH AS TORQUE IN A ROTATIONAL SYSTEM
(87) EP2016073213	(22) 20.04.2015	(73) United Technologies Corporation
27.04.2017	(54) WIRING SUBSTRATE AND TEMPERATURE SENSING ELEMENT	
(22) 29.09.2016	(73) Kyocera Corporation	
(54) MEASURING DEVICE FOR RECORDING AT LEAST ONE PARAMETER OF A FLUID	(72) MATSUMOTO, Hiroshi	
(73) Kriwan Industrie-Elektronik GmbH	MORIOKA, Kengo	

(72) PENDA, Allan R. URBAN, Justin R.	(51) G01L 11/00 B65B 57/00	G01M 3/24 (11) EP2326922
(31) 201361905589 P	G01M 3/36	(21) EP09784969.9
(32) 18.11.2013	G01M 3/38	(47) 30.01.2019
(33) United States of America	G01L 19/00	(87) GB2009002032 25.02.2010
(51) G01L 3/10	(11) EP2772740	(22) 20.08.2009
G01R 33/00	(21) EP12843122.8	(54) TRACKING OBJECTS IN CONDUITS
(11) EP3239678	(47) 23.01.2019	(73) OptaSense Holdings Limited
(21) EP17168043.2	(87) JP2012064110	(72) HILL, David, John McEWEN-KING, Magnus
(47) 23.01.2019	02.05.2013	(31) 0815297
(22) 25.04.2017	(22) 31.05.2012	(32) 21.08.2008
(54) TORQUE DETECTOR	(54) SEALED CONTAINER INTERNAL PRESSURE INSPECTION DEVICE AND INTERNAL PRESSURE INSPECTION METHOD	(33) United Kingdom
(73) JTEKT CORPORATION	(73) Daiwa Can Company	(51) G01M 3/26
(72) TOYAMA, Yuichi	(72) IJIN, Taichi	(11) EP2702381
(31) 2016091394	OZAKU, Norihiko	(21) EP12722880.7
(32) 28.04.2016	TAKATOMI, Tetsuya	(47) 23.01.2019
(33) Japan	(31) 2011236610	(87) IB2012052121 01.11.2012
(51) G01L 5/13	(32) 28.10.2011	(22) 27.04.2012
G01G 19/08	(33) Japan	(54) METHOD AND DEVICE FOR MEASURING AIR TIGHTNESS
G01L 3/24	(51) G01L 19/00	(73) Tritz, Robert
G01M 15/04	(11) EP2554966	(72) Tritz, Robert
(11) EP2652471	(21) EP12177925.0	(31) 1153612
(21) EP10860824.1	(47) 23.01.2019	(32) 27.04.2011
(47) 23.01.2019	(22) 25.07.2012	(33) France
(87) SE2010000299 21.06.2012	(54) Joint between a pressure sensor and a pressure port of a sensor assembly	(51) G01M 5/00 G01M 7/00 G01N 29/04 G01N 29/46
(22) 15.12.2010	(73) Honeywell International Inc.	(11) EP2427747
(54) TORQUE CALIBRATION METHOD	(72) Eckhardt, Todd	(21) EP10718575.3
(73) Volvo Lastvagnar AB	Bradley, Alistair David	(47) 30.01.2019
(72) BRÄTNE, Lars	Job, Sunil	(87) EP2010056052 11.11.2010
ERIKSSON, Anders	Thanigachalam, Palani	(22) 04.05.2010
(51) G01L 9/00	Machir, James F.	(54) METHOD AND DEVICE FOR TESTING THE STABILITY OF A POLE
G01L 23/10	(31) 201113195818	(73) Meyer, Axel Spaltmann, Horst
G01L 19/00	(32) 01.08.2011	(72) SPLATMANN, Horst ZAHLTEN, Wolfhard EUSANI, Renato HORTMANN, Michael
G01L 19/06	(33) United States of America	(31) 102009002818
(11) EP3124944	(51) G01L 19/06	(32) 05.05.2009
(21) EP16178285.9	G01L 9/00	(33) Germany
(47) 23.01.2019	G01L 19/00	(51) G01M 5/00 G01M 7/02
(22) 07.07.2016	(11) EP3260834	(11) EP3237873
(54) PIEZOELECTRIC PRESSURE SENSOR	(21) EP17154921.5	(21) EP15817526.5
(73) Kistler Holding AG	(47) 23.01.2019	(47) 23.01.2019
(72) Buck, Reinhold	(22) 07.02.2017	(87) GB2015054145 30.06.2016
Giger, Martin	(54) PRESSURE DETECTION DEVICE	(22) 23.12.2015
(31) 15179392	(73) Surpass Industry Co., Ltd.	(54) FATIGUE TESTING
(32) 31.07.2015	(72) HASUNUMA, Masahiro	(73) Ore Catapult Development Services Limited
(33) European Patent Office (EPO)	(31) 2016123472	(72) GREAVES, Peter
(51) G01L 9/00	(32) 22.06.2016	(31) 201423028
H01L 29/84	(33) Japan	(32) 23.12.2014
(11) EP3118597	(51) G01L 21/34	(33) United Kingdom
(21) EP15761021.3	(11) EP2737291	(51) G01M 9/06 G01L 25/00
(47) 23.01.2019	(21) EP12818024.7	(11) EP2447696
(87) JP2015055845 17.09.2015	(47) 23.01.2019	(21) EP10791829.4
(22) 27.02.2015	(87) US2012048362 31.01.2013	(47) 30.01.2019
(54) PRESSURE SENSOR	(22) 26.07.2012	
(73) The University of Tokyo Seiko Instruments Inc.	(54) COLD CATHODE GAUGE FAST RESPONSE SIGNAL CIRCUIT	
(72) SHIMOYAMA, Isao	(73) MKS Instruments, Inc.	
MATSUMOTO, Kiyoshi	(72) DOWNING, Bert	
TAKAHASHI, Hidetoshi	GU, Donghua	
NGUYEN, Minh-Dung	PEACOCK, Neil T.	
UCHIYAMA, Takeshi	(31) 201161511931 P	
OUMI, Manabu	(32) 26.07.2011	
SHINOHARA, Yoko	(33) United States of America	
(31) 2014050552	(51) G01M 3/04	
(32) 13.03.2014		
(33) Japan		

(87) JP2010004115 29.12.2010	ADAMONIS, Corey	(22) 23.03.2010
(22) 21.06.2010	BACHMAN, Benjamin	(54) SORBENT DEVICES WITH LONGITUDINAL DIFFUSION PATHS AND METHODS OF USING THEM
(54) WIND TUNNEL BALANCE CALIBRATOR	(31) 826789	(73) PerkinElmer Health Sciences, Inc.
(73) Kawasaki Jukogyo Kabushiki Kaisha	(32) 30.06.2010	(72) TIPLER, Andrew
(72) MURASHIGE, Atsushi	(33) United States of America	DALMIA, Avinash
HAMADA, Yoshihiro	(51) G01M 17/007	(31) 162749 P
KAWAMURA, Takeo	(11) EP3182088	(32) 24.03.2009
KIMURA, Toshiyuki	(21) EP16204626.2	(33) United States of America
(31) 2009148062	(47) 30.01.2019	(51) G01N 1/10
(32) 22.06.2009	(22) 16.12.2016	G01N 27/62
(33) Japan	(54) METHOD FOR CHECKING THE OPERATION OF FLOATING PLATES AS PART OF A VEHICLE TEST STAND	G01N 30/00
(51) G01M 9/06	(73) Dürr Assembly Products GmbH	G01N 30/02
G01M 17/007	(72) Tentrup, Dr. Thomas	G01N 30/06
(11) EP3265773	Meyers, Christoph	G01N 30/26
(21) EP16708139.7	Deutsch, André	G01N 30/32
(47) 30.01.2019	(31) 102015122277	G01N 30/60
(87) EP2016054609	(32) 18.12.2015	G01N 30/88
09.09.2016	(33) Germany	G01N 1/40
(22) 04.03.2016	(51) G01M 17/10	G01N 1/02
(54) HOLDING DEVICE FOR A WIND TUNNEL BALANCE, AND TEST METHOD	B61L 1/00	H01J 49/00
(73) AIP GmbH & Co. KG	B61L 23/04	G01N 35/02
(72) HARTMANN, Christian	B61K 9/12	(11) EP2447697
KNESTEL, Anton	(11) EP3265774	(21) EP10792160.3
(31) 102015204019	(21) EP16707635.5	(47) 30.01.2019
(32) 05.03.2015	(47) 30.01.2019	(87) JP2010060727
(33) Germany	(87) EP2016000352	29.12.2010
(51) G01M 11/04	09.09.2016	(22) 24.06.2010
G02B 15/16	(22) 01.03.2016	(54) PREPROCESSING APPARATUS
G01J 1/42	(54) DIAGNOSTIC DEVICE FOR DETERMINING AN OUT-OF- ROUNDNESS ON RAIL VEHICLE WHEELS IN ACCORDANCE WITH AN IMPULSE EVALUATION METHOD	(73) Hitachi High-Technologies Corporation
G01J 1/04	(73) Schenck Process Europe GmbH	(72) NOGAMI Makoto
G01J 1/08	(72) EHMKE, Fritz	KANDA Katsuhiko
G02B 27/30	RAIS, Viktor	WAKI Izumi
(11) EP2802854	(31) 102015002517	(31) 2009151442
(21) EP13701833.9	(32) 02.03.2015	(32) 25.06.2009
(47) 23.01.2019	(33) Germany	(33) Japan
(87) FR2013050025	(51) G01N 1/00	(51) G01N 1/12
18.07.2013	G01N 1/10	G01N 33/20
(22) 07.01.2013	G01N 35/02	(11) EP2397834
(54) OPTICAL DEVICE, OPTICAL TEST BENCH AND OPTICAL TEST METHOD	G01N 35/04	(21) EP11001762.1
(73) SPHEREA Test & Services	G01N 35/10	(47) 23.01.2019
(72) PITTE, Emmanuelle	(11) EP2466289	(22) 03.03.2011
PETIT, Vincent	(21) EP10808215.7	(54) Measuring probes for measuring and sampling with a metal melt
LECOQ, Pierre	(47) 23.01.2019	(73) Heraeus Elektro-Nite International N.V.
(31) 1250333	(87) JP2010063536	(72) Beyens, Dries
(32) 13.01.2012	17.02.2011	Neyens, Guido Jacobus
(33) France	(22) 10.08.2010	(31) 102010024282
(51) G01M 13/00	(54) SPECIMEN PROCESSING SYSTEM	(32) 18.06.2010
G01B 7/30	(73) Hitachi High-Technologies Corporation	(33) Germany
G01N 27/90	(72) KANDA Katsuhiko	(51) G01N 1/20
G01N 29/22	NOGAMI Makoto	B01D 17/032
(11) EP2588852	WAKI Izumi	E21B 43/36
(21) EP11801313.5	(31) 2009186001	E21B 47/10
(47) 23.01.2019	(32) 10.08.2009	E21B 49/08
(87) US2011039534	(33) Japan	G01F 23/296
05.01.2012	(51) G01N 1/00	G01N 27/06
(22) 08.06.2011	G01N 1/22	E21B 33/035
(54) INSPECTION VEHICLE FOR A TURBINE DISK	G01N 1/40	E21B 43/01
(73) Westinghouse Electric Company LLC	(11) EP2411782	(11) EP2427748
(72) BOONE, Paul, J.	(21) EP10756690.3	(21) EP10775147.1
MONACO, Jeffrey	(47) 30.01.2019	(47) 23.01.2019
NENNO, Tom	(87) US2010028236	(87) NO2010000171
FREDENBERG, Richard	30.09.2010	18.11.2010
		(22) 06.05.2010
		(54) METHOD FOR SAMPLING AND ANALYSIS OF PRODUCTION FROM

A SUBSEA WELL FOR MEASURING SALINITY OF PRODUCED WATER AND ALSO VOLUMETRIC RATIO BETWEEN LIQUID FRACTIONS	(22) 18.06.2007	(47) 23.01.2019
(73) Tool Tech AS	(54) A RHEOMETER	(87) EP2016068344
(72) ERIKSEN, Egil	(73) Alpha Technologies Services LLC	02.02.2017
(31) 20091818	(72) GROW, Andrew	(22) 01.08.2016
(32) 09.05.2009	PAWLOWSKI, Henry	(54) BROAD BAND CAVITY ENHANCED OPTICAL ABSORPTION SPECTROSCOPY
(33) Norway	BUZEK, Keith	(73) Airyx GmbH
(51) G01N 1/22	(31) 455902	(72) PÖHLER, Denis
G01N 15/06	(32) 19.06.2006	HORBANSKI, Martin
F24F 3/16	(33) United States of America	PLATT, Ulrich
G01N 21/88	(51) G01N 15/14	(31) 15179088
B01D 46/00	G01N 15/02	(32) 30.07.2015
G01N 15/00	(11) EP2957889	(33) European Patent Office (EPO)
F24F 11/00	(21) EP15172056.2	(51) G01N 21/33
(11) EP3083006	(47) 30.01.2019	G01N 21/3563
(21) EP14872182.2	(22) 15.06.2015	G01N 21/359
(47) 30.01.2019	(54) BLOOD ANALYZER, BLOOD ANALYZING METHOD, AND BLOOD ANALYZING PROGRAM	G01N 21/84
(87) US2014068266	(73) SYSMEX CORPORATION	(11) EP3224599
25.06.2015	(72) Kimura, Konobu	(21) EP15800776.5
(22) 03.12.2014	Uchihashi, Kinya	(47) 23.01.2019
(54) AIR QUALITY INDICATOR	Linssen, Jo	(87) EP2015077445
(73) 3M Innovative Properties Company	Saker, Jarob	02.06.2016
(72) FOX, Andrew R.	(31) 2014126606	(22) 24.11.2015
XIN, Liming	(32) 19.06.2014	(54) PROCESS MONITORING FOR UV CURING
(31) 201361917165 P	(33) Japan	(73) Oerlikon Surface Solutions AG, Pfäffikon
(32) 17.12.2013	(51) G01N 15/14	(72) ZUEGER, Othmar
(33) United States of America	G01N 15/12	(31) 201462084004 P
(51) G01N 1/31	G01N 15/10	(32) 25.11.2014
G01N 35/00	C12M 1/00	(33) United States of America
G01N 35/10	G01N 33/487	(51) G01N 21/3563
(11) EP2734824	(11) EP3255408	G01N 21/3577
(21) EP12746415.4	(21) EP17182219.0	G01N 21/359
(47) 23.01.2019	(47) 23.01.2019	G02B 6/42
(87) US2012046713	(22) 08.05.2014	G01N 21/85
31.01.2013	(54) NOZZLE AND METHOD FOR FLOW CYTOMETRY	G01N 21/95
(22) 13.07.2012	(73) Masterind GmbH	G01J 3/02
(54) FLUID SAMPLE PREPARATION SYSTEMS AND METHODS	(72) RATH, Detlef	G01N 21/47
(73) Roche Diagnostics Hematology, Inc.	(31) 102013208584	G01J 3/18
(72) MCKEEN, Brian J.	13168370	(11) EP2831565
YEATON, Eric D.	(32) 08.05.2013	(21) EP13768319.9
DOWLING, James L.	17.05.2013	(47) 23.01.2019
ZAHNISER, David	(33) Germany	(87) US2013033856
CONROY, Stephen	European Patent Office (EPO)	03.10.2013
(31) 201161510700 P	(51) G01N 15/14	(22) 26.03.2013
(32) 22.07.2011	G01N 33/48	(54) OPTICAL ANALYZER FOR IDENTIFICATION OF MATERIALS USING REFLECTANCE SPECTROSCOPY
(33) United States of America	(11) EP2619545	(73) Innovative Science Tools, Inc.
(51) G01N 1/42	(21) EP11827272.3	(72) MICHEELS, Ronald H.
A01N 1/02	(47) 30.01.2019	LEE, Don J.
F25D 3/10	(87) US2011052041	(31) 201261685908 P
(11) EP3179229	29.03.2012	201313836854
(21) EP15199462.1	(22) 16.09.2011	(32) 27.03.2012
(47) 30.01.2019	(54) SYSTEM FOR HIGH THROUGHPUT CELL DEFORMABILITY MEASUREMENTS	15.03.2013
(22) 11.12.2015	(73) The Regents of the University of California	(33) United States of America
(54) PREPARATION OF CRYOGENIC SAMPLE FOR CHARGED-PARTICLE MICROSCOPY	(72) DI CARLO, Dino	United States of America
(73) FEI Company	GOSSETT, Daniel R.	(51) G01N 21/3563
(72) Rémygy, Hervé-William	TSE, Henry T.K.	G01N 21/359
(51) G01N 11/14	(31) 385268 P	G01N 33/46
G01N 11/16	(32) 22.09.2010	(11) EP2857826
(11) EP2069753	(33) United States of America	(21) EP13187284.8
(21) EP07809670.8	(51) G01N 21/27	(47) 23.01.2019
(47) 23.01.2019	G01J 3/42	(22) 03.10.2013
(87) US2007014279	G01N 21/31	(54) Method for categorizing wooden part-components in order to make food-grade wooden containers
27.12.2007	(11) EP3329251	
	(21) EP16745134.3	

(73) Giobatta & Piero Garbellotto S.p.A.	(11) EP2365319	University of Cincinnati
(72) Garbellotto, Piero Battistutta, Franco	(21) EP11153665.2 (47) 23.01.2019	(72) ZHU, Xiangdong BUCA, Peter V.
(51) G01N 21/53	(22) 08.02.2011	LEE, Jay
G08B 17/107	(54) X-ray diffraction and computed tomography	SCHULZ, Mark
G08B 17/103	(73) Malvern Panalytical B.V.	SUNDARAMURTHY, Surya
G08B 17/113	(72) Blaj, Gabriel	SHANOV, Vesselin
(11) EP2844984	(31) 968156	(31) 333828 P
(21) EP13784751.3	10153742	(32) 12.05.2010
(47) 23.01.2019	(32) 14.12.2010	(33) United States of America
(87) US2013037522	16.02.2010	(51) G01N 27/22
07.11.2013	(33) United States of America	G01N 22/04
(22) 22.04.2013	European Patent Office (EPO)	G01N 33/28
(54) SMOKE DETECTOR WITH EXTERNAL SAMPLING VOLUME	(51) G01N 25/16	G01N 33/18
(73) Valor Fire Safety, LLC	(11) EP3147656	(11) EP2952887
(72) ERDTMANN, Matthew	(21) EP16190535.1	(21) EP15170054.9
(31) 201261639935 P	(47) 23.01.2019	(47) 30.01.2019
201313799816	(22) 26.09.2016	(22) 01.06.2015
201313799826	(54) COEFFICIENT-OF-THERMAL- EXPANSION MEASUREMENT	(54) SENSOR, MEASURING DEVICE, AND MEASURING METHOD FOR MEASURING THE PERMITTIVITY OF A SAMPLE USING A HELIX CONDUCTOR
201313800071	(73) Mitutoyo Corporation	(73) Senfit Oy
(32) 29.04.2012	(72) Yokoyama, Yuichiro	(72) Jakkula, Pekka
13.03.2013	Hagino, Takeshi	Vuolteenaho, Mikko
13.03.2013	Kuriyama, Yutaka	Korhonen, Markku
(33) United States of America	(31) 2015188093	Fisk, Vesa
United States of America	2015215240	(31) 20145503
United States of America	2015215241	(32) 02.06.2014
United States of America	(32) 25.09.2015	(33) Finland
(51) G01N 21/64	30.10.2015	(51) G01N 27/327
G01N 21/31	(33) Japan	(11) EP2193367
G01N 21/25	Japan	(21) EP08833753.0
(11) EP1511989	Japan	(47) 23.01.2019
(21) EP03737961.7	(51) G01N 27/02	(87) KR2008005708
(47) 23.01.2019	G01N 21/25	02.04.2009
(87) EP2003004916	E21B 49/08	(22) 26.09.2008
04.12.2003	E21B 49/10	(54) METHOD FOR CORRECTING ERRONEOUS RESULTS OF MEASUREMENT IN BIOSENSORS AND APPARATUS USING THE SAME
(22) 12.05.2003	E21B 33/14	(73) Philosys CO., LTD.
(54) FLUORESCENCE MEASURING SYSTEM	G01N 13/00	(72) CHOI, In Hwan
(73) Bayer Intellectual Property GmbH	E21B 47/00	(31) 20070097198
(72) BECHEM, Martin	(11) EP2890869	(32) 27.09.2007
PAFFHAUSEN, Wolfgang	(21) EP13833956.9	(33) Korea (Republic)
(31) 10223438	(47) 30.01.2019	(51) G01N 27/327
(32) 24.05.2002	(87) US2013049648	(11) EP2799855
(33) Germany	06.03.2014	(21) EP14166164.5
(51) G01N 21/66	(22) 09.07.2013	(47) 30.01.2019
(11) EP3021106	(54) DETERMINING SURFACE WETTING OF METAL WITH CHANGING WELL FLUIDS	(22) 28.04.2014
(21) EP15192728.2	(73) Halliburton Energy Services, Inc.	(54) Measuring apparatus and measuring method
(47) 30.01.2019	(72) PINDIPROLU, Sairam KS	(73) ARKRAY, Inc.
(22) 30.07.2002	GRAY, Dennis, Willie	(72) Fukuda, Kazuo
(54) METHODS OF USING ASSAY ELECTRODE HAVING IMMOBILIZED LIPID/PROTEIN LAYERS FOR LUMINESCENCE TEST MEASUREMENTS	PALLA, Venkata, Gopala, Rao	Okami, Akiko
(73) Meso Scale Technologies, LLC	(31) 201213596598	(31) 2013097067
(72) Umek, Robert M.	(32) 28.08.2012	2014086658
Eason, Paula Denney	(33) United States of America	(32) 02.05.2013
Maheshwari, Gargi	(51) G01N 27/20	18.04.2014
Mathew, Anu	G01N 27/24	(33) Japan
Woods, Douglas	G01M 3/18	Japan
(31) 308762 P	(11) EP2569620	(51) G01N 27/327
(32) 30.07.2001	(21) EP11723788.3	C12Q 1/00
(33) United States of America	(47) 23.01.2019	(11) EP3220137
(51) G01N 23/04	(87) US2011036190	(21) EP16160136.4
G01N 23/207	17.11.2011	(47) 23.01.2019
G01V 5/00	(22) 12.05.2011	(22) 14.03.2016
G01N 23/046	(54) SENSOR SLEEVE FOR HEALTH MONITORING AN ARTICLE	
	(73) Parker-Hannifin Corporation	

(54) METHOD FOR DETECTING AN INTERFERENT CONTRIBUTION IN A BIOSENSOR	G01M 7/00 G01N 29/44 G01N 29/46	19.07.2012 (22) 02.11.2011
(73) F.Hoffmann-La Roche AG	(11) EP2771682	(54) SYSTEM AND METHOD FOR PERFORMING GEOCHRONOLOGY
(72) Ringemann, Christian Wieder, Herbert	(21) EP12843976.7 (47) 23.01.2019	(73) ExxonMobil Upstream Research Company
(51) G01N 27/407 G01N 33/00	(87) US2012062255 02.05.2013	(72) DREYFUS, Sebastien, L. POTTORF, Robert, J.
(11) EP3258256	(22) 26.10.2012	(31) 201161432660 P
(21) EP17175563.0 (47) 23.01.2019 (22) 12.06.2017	(54) DRIVE SIGNAL DISTRIBUTION FOR DIRECT FIELD ACOUSTIC TESTING	(32) 14.01.2011 (33) United States of America
(54) MATERIAL FOR SENSING ELECTRODE OF NOX GAS SENSOR	(73) Larkin, Paul Isaacs, Arthur Sullivan, Michael	(51) G01N 33/44 G01N 15/02 G01N 15/06 G01N 30/00 G01N 35/08
(73) Delphi Technologies, Inc.	(72) Larkin, Paul Isaacs, Arthur Sullivan, Michael	(11) EP2313768 (21) EP09800018.5 (47) 23.01.2019 (87) EP2009053013 28.01.2010
(72) WANG, Da Yu RACINE, David M. YAO, Sheng COVARRUBIAS, Alfredo Ibarra	(31) 201161552081 P (32) 27.10.2011 (33) United States of America	(22) 13.03.2009
(31) 201615181582 (32) 14.06.2016 (33) United States of America	(51) G01N 33/00 (11) EP2508881	(54) DETERMINATION OF THE HYDRODYNAMIC RADII AND/OR CONTENT OF CONSTITUENTS OF A MIXTURE BY ANALYSIS OF THE TAYLOR DISPERSION OF THE MIXTURE IN A CAPILLARY TUBE
(51) G01N 27/414 G01N 33/543 H01L 23/52	(21) EP11002800.8 (47) 23.01.2019 (22) 04.04.2011	(73) Université Montpellier 2 Centre National de la Recherche Scientifique (CNRS)
(11) EP2492675 (21) EP11156247.6 (47) 30.01.2019 (22) 28.02.2011	(54) Testing a humidity sensor (73) Sensirion AG (72) Graf, Markus Schanz, Christoph	(72) COTTET, Hervé MATMOUR, Rachid BIRON, Jean Philippe MARTIN, Michel
(54) A BIOSENSOR CHIP AND A METHOD OF MANUFACTURING THE SAME	(51) G01N 33/00 G01N 15/14 G05D 7/06	(31) 08305409 (32) 21.07.2008 (33) European Patent Office (EPO)
(73) NXP B.V.	(11) EP1991863	(51) G01N 33/487 (11) EP3271721 (21) EP16716829.3 (47) 30.01.2019 (87) EP2016055918 29.09.2016
(72) Widdershoven, Franciscus Petrus	(21) EP07758065.2 (47) 30.01.2019 (87) US2007063477 13.09.2007	(22) 18.03.2016
(51) G01N 27/417 G01N 27/407 G01N 27/406	(22) 07.03.2007	(54) SERPENTINE FLOW CHANNELS FOR FLOWING FLUIDS OVER CHIP SENSORS
(11) EP3217169 (21) EP17158907.0 (47) 23.01.2019 (22) 02.03.2017	(54) FLUIDIC SYSTEM FOR A FLOW CYTOMETER (73) Accuri Instruments Inc. (72) COLLIN, A., Rich (31) 370714 (32) 08.03.2006 (33) United States of America	(73) F. Hoffmann-La Roche AG (72) YUAN, Robert (31) 201514664484 (32) 20.03.2015 (33) United States of America
(54) METHOD OF INSPECTING GAS SENSOR AND METHOD OF MANUFACTURING GAS SENSOR	(73) NGK Insulators, Ltd. (72) SAITO, Naoya INA, Noriyuki TAKEGAWA, Kazuki	(51) G01N 33/12 A22C 17/00 G01N 21/3563 G01N 21/359
(73) NGK Insulators, Ltd.	(11) EP3255427	(73) F. Hoffmann-La Roche AG (72) YUAN, Robert (31) 201514664484 (32) 20.03.2015 (33) United States of America
(72) SAITO, Naoya INA, Noriyuki TAKEGAWA, Kazuki	(21) EP17171293.8 (47) 23.01.2019 (22) 16.05.2017	(51) G01N 33/493 A61K 49/00 G01N 33/58
(31) 2016045275 (32) 09.03.2016 (33) Japan	(54) FACILITY AND METHOD FOR DETERMINING THE QUALITY OF PIECES OF MEAT FROM PREVIOUSLY SLAUGHTERED ANIMALS	(11) EP2957909 (21) EP15170103.4 (47) 30.01.2019 (22) 01.06.2015
(51) G01N 27/62 H01J 49/06	(73) Cooperl Innovation SAS (72) LACOSTE, Anne (31) 1655212 (32) 07.06.2016 (33) France	(54) METHOD FOR IDENTIFYING OF A BIOLOGICAL SAMPLE OF A MAMMAL AND COMPOSITION FOR USE IN THIS METHOD
(11) EP2697638 (21) EP12715770.9 (47) 23.01.2019 (87) US2012030556 18.10.2012 (22) 26.03.2012	(51) G01N 33/28 G01N 30/72	(73) Keller, Ruprecht (72) Keller, Ruprecht (31) 102014008723 (32) 18.06.2014 (33) Germany
(54) HIGH DUTY CYCLE ION STORAGE/ ION MOBILITY SEPARATION MASS SPECTROMETER	(11) EP2663859 (21) EP11855313.0 (47) 23.01.2019 (87) US2011058982	
(73) Thermo Finnigan LLC (72) KOVTOUN, Viatcheslav V. (31) 201113084304 (32) 11.04.2011 (33) United States of America		
(51) G01N 29/14		

(51) G01N 33/50 A61K 9/16 A61K 9/50	C07K 16/00 A61K 38/00	(54) DETECTION OF BIOMARKERS AND BIOMARKER COMPLEXES
(11) EP2491386	(11) EP2932264	(73) Axela Inc.
(21) EP10770733.3	(21) EP13818713.3	(72) LIN, Yixin
(47) 30.01.2019	(47) 30.01.2019	HOULE, Jean-francois (JF)
(87) EP2010006459	(87) EP2013076760	(31) 68265 P
28.04.2011	19.06.2014	(32) 05.03.2008
(22) 22.10.2010	(22) 16.12.2013	(33) United States of America
(54) NESTED CELL ENCAPSULATION	(54) NOVEL MHC-INDEPENDENT TUMOR-ASSOCIATED ANTIGENS	<hr/>
(73) Plasticell Ltd	(73) BioNTech RNA Pharmaceuticals GmbH	(51) G01N 33/543
(72) CHOO, Yen	(72) SCHADENDORF, Dirk	(11) EP3128324
JOHNSON, Christopher, James	PASCHE, Anette	(21) EP15772558.1
ODENWÄLDER, Patrick, Klaus	LÜBCKE, Silke	(47) 23.01.2019
JAYASINGHE, Suwan, Nalin	FATHO, Martina	(87) JP2015060284
(31) 0918564	EBERTS, Daniela	08.10.2015
(32) 22.10.2009	ECHCHANNAOUI, Hakim	(22) 31.03.2015
(33) United Kingdom	LENNERZ, Volker	(54) IMMUNOCHROMATOGRAPHIC ASSAY METHOD
<hr/>	WÖLFEL, Catherine	(73) Tanaka Kikinzoku Kogyo K.K.
(51) G01N 33/50	WÖLFEL, Thomas	(72) IWAMOTO Hisahiko
C07K 14/405	(31) 12197289	MOCHIDUKI Kazuyoshi
C12N 15/62	(32) 14.12.2012	ITO Daisuke
C12N 5/10	(33) European Patent Office (EPO)	KATO Yuya
A01K 67/027	<hr/>	(31) 2014077861
(11) EP2635108	(51) G01N 33/53	(32) 04.04.2014
(21) EP11838855.2	(11) EP3180615	(33) Japan
(47) 23.01.2019	(21) EP15760363.0	<hr/>
(87) US2011059276	(47) 30.01.2019	(51) G01N 33/543
10.05.2012	(87) DE2015000352	G01N 33/92
(22) 04.11.2011	18.02.2016	(11) EP3207372
(54) LIGHT-ACTIVATED CHIMERIC OPSINS AND METHODS OF USING THE SAME	(22) 10.07.2015	(21) EP15780895.7
(73) The Board of Trustees of the Leland Stanford Junior University	(54) DETECTION METHOD USING RECOMBINANT LIVING CELLS FOR DETECTING XENOBIOTIC SUBSTANCES AND ARRANGEMENT FOR PERFORMING THE DETECTION METHOD	(47) 23.01.2019
(72) DEISSEROTH, Karl	(73) Alfred-Wegener-Institut Helmholtz-Zentrum für Polar- und Meeresforschung	(87) EP2015073902
YIZHAR, Ofer	(72) BICKMEYER, Ulf-Georg	21.04.2016
FENNO, Lief	(31) 102014012130	(22) 15.10.2015
HEGEMANN, Peter	(32) 13.08.2014	(54) DETERMINATION OF BINDING CONSTANTS BY EQUILIBRIUM SHIFT
PRIGGE, Matthias	(33) Germany	(73) 3B Pharmaceuticals GmbH
(31) 410736 P	<hr/>	(72) BORISS, Hinnerk
201161511912 P	(51) G01N 33/537	(31) 102014115088
410744 P	G01N 33/541	(32) 16.10.2014
(32) 05.11.2010	(11) EP3230739	(33) Germany
26.07.2011	(21) EP15804807.4	<hr/>
05.11.2010	(47) 23.01.2019	(51) G01N 33/564
(33) United States of America	(87) EP2015078693	G01N 33/68
United States of America	16.06.2016	C12Q 1/68
United States of America	(22) 04.12.2015	(11) EP3255432
<hr/>	(54) METHOD FOR MEASUREMENT OF VITAMIN D	(21) EP17177530.7
(51) G01N 33/50	(73) F.Hoffmann-La Roche AG	(47) 23.01.2019
C12N 5/0775	(72) FAATZ, Elke	(22) 24.04.2007
(11) EP2655602	GERG, Michael	(54) PREDICTING MORTALITY AND DETECTING SEVERE DISEASE
(21) EP11851821.6	JOSEL, Hans-Peter	(73) Critical Care Diagnostics, Inc.
(47) 23.01.2019	VOGL, Christian	(72) SNIDER, James V
(87) US2011066385	(31) 14196778	JACOBSON, Sven
28.06.2012	(32) 08.12.2014	(31) 794354 P
(22) 21.12.2011	(33) European Patent Office (EPO)	800362 P
(54) METHOD FOR IDENTIFICATION AND CULTURE OF MULTIPOTENT MESENCHYMAL STEM CELLS WITH HIGH PROLIFERATION POTENTIAL	<hr/>	904608 P
(73) The Administrators of the Tulane Educational Fund	(51) G01N 33/543	(32) 24.04.2006
(72) O'CONNOR, Kim	(11) EP2265950	15.05.2006
RUSSELL, Katie	(21) EP09716287.9	02.03.2007
(31) 201061459987 P	(47) 23.01.2019	(33) United States of America
(32) 22.12.2010	(87) US2009001394	United States of America
(33) United States of America	11.09.2009	United States of America
<hr/>	(22) 04.03.2009	<hr/>
(51) G01N 33/50		(51) G01N 33/567
C12N 15/00		A01N 37/18
		A61K 38/00
		C07K 1/00
		C07K 4/00
		C07K 17/00
		(11) EP1875244

(21) EP06740287.5	(11) EP3051291	(33) Japan
(47) 23.01.2019	(21) EP14796149.4	(51) G01N 35/00
(87) US2006012092	(47) 30.01.2019	(11) EP2261674
05.10.2006	(87) ES2014070737	(21) EP09721545.3
(22) 30.03.2006	02.04.2015	(47) 23.01.2019
(54) PROLIFERATION OF MUC1	(22) 26.09.2014	(87) JP2009055206
EXPRESSING CELLS	(54) METHOD FOR THE DIAGNOSIS AND	24.09.2009
(73) Minerva Biotechnologies Corporation	PROGNOSIS OF SKIN MELANOMA	(22) 17.03.2009
(72) Bamdad, Cynthia C.	(73) Universidad del Pais Vasco	(54) PORTABLE ANALYZER
(31) 667216 P	Administración General De La Comunidad	(73) ARKRAY, Inc.
PCT/US2005/032821	Autónoma De Euskadi	(72) UEHATA, Yoshiharu
(32) 30.03.2005	(72) BOYANO LÓPEZ, María Dolores	NAKANISHI, Hiroyuki
14.09.2005	ARROLLO BERDUGO, Yoana	(31) 2008069187
(33) United States of America	ALONSO ALEGRE, Santos	(32) 18.03.2008
World Intellectual Property Office (WIPO)	ASUMENDI MALLEA, Aintzane	(33) Japan
(51) G01N 33/569	PÉREZ-YARZA PÉREZ-IREZABAL, Gorka	(51) G01N 35/00
(11) EP2758785	CAREAGA ALZAGA, Jesús María	B01F 11/00
(21) EP12772206.4	GARDEAZABAL GARCÍA, Jesús	B01L 7/00
(47) 23.01.2019	IZU BELLOSO, Rosa	B01L 9/06
(87) DE2012100287	DÍAZ RAMÓN, José Luis	B01F 15/06
28.03.2013	ACEBO MARINÑAS, Elvira	(11) EP1646877
(22) 19.09.2012	SÁNCHEZ DÍEZ, Ana	(21) EP04767602.8
(54) METHOD FOR CHECKING THE SELF-	MARTÍNEZ DELIZARDUY, Ínigo	(47) 30.01.2019
HEALING PROCESS CARRIED OUT	RATÓN NIETO, Juan Antonio	(87) FR2004001767
BY THE IMMUNE SYSTEM OF A TEST	(31) 201331404	03.03.2005
SUBJECT INFECTED WITH HUMAN	(32) 26.09.2013	(22) 07.07.2004
PAPILLOMAVIRUS	(33) Spain	(54) QUALITY CONTROL DEVICE FOR A
(73) Abvirus Deutschland GmbH	(51) G01N 33/68	BLOOD ANALYSER USING WHOLE
(72) HILFRICH, Ralf	(11) EP3120148	BLOOD
(31) 102011053741	(21) EP15710817.6	(73) Horiba ABX SA.
(32) 19.09.2011	(47) 30.01.2019	(72) LE COMTE, Roger
(33) Germany	(87) EP2015055981	(31) 0308863
(51) G01N 33/569	24.09.2015	(32) 21.07.2003
G01N 33/80	(22) 20.03.2015	(33) France
(11) EP3136099	(54) NEW MARKERS FOR THE ASSESSMENT	(51) G01N 35/00
(21) EP16183979.0	OF THE RISK FOR DEVELOPMENT OF A	G01N 21/27
(47) 23.01.2019	CARDIOVASCULAR DISORDER	(11) EP2428802
(22) 12.08.2016	(73) Sanofi-Aventis Deutschland GmbH	(21) EP10772102.9
(54) BLOOD ANALYZING METHOD AS	McMaster University	(47) 30.01.2019
WELL AS STAIN SOLUTION AND	(72) HESS, Sybille	(87) JP2010002631
BLOOD ANALYZER USED FOR THE	GERSTEIN, Hertzfel	11.11.2010
SAME	PARE, Guillaume	(22) 12.04.2010
(73) SYSMEX CORPORATION	MCQUEEN, Matthew	(54) AUTOMATIC ANALYSIS DEVICE AND
(72) Suzuki, Yuhgi	(31) 14305406	ANALYSIS METHOD
(31) 2015171431	14306528	(73) Hitachi High-Technologies Corporation
(32) 31.08.2015	(32) 21.03.2014	(72) KAMIHARA, Kumiko
(33) Japan	30.09.2014	MITSUYAMA, Satoshi
(51) G01N 33/573	(33) European Patent Office (EPO)	MIMURA, Tomonori
G01N 33/68	European Patent Office (EPO)	MANRI, Chihiro
(11) EP2896963	(51) G01N 33/86	(31) 2009113138
(21) EP14188512.9	(11) EP3124979	(32) 08.05.2009
(47) 30.01.2019	(21) EP16181820.8	(33) Japan
(22) 31.01.2012	(47) 23.01.2019	(51) G01N 35/00
(54) Wound prognosis	(22) 29.07.2016	G01N 35/04
(73) Woundchek Laboratories B.V.	(54) METHOD FOR MEASURING CLOTTING	B01L 3/00
(72) Bayliff, Simon, William	TIME, MEASUREMENT DEVICE	(11) EP2840398
Cullen, Breda, Mary	FOR CLOTTING TIME, CLOTTING	(21) EP13181183.8
Gibson, Molly	TIME MEASURING REAGENT, AND	(47) 23.01.2019
(31) 201101663	REAGENT KIT	(22) 21.08.2013
201116523	(73) SYSMEX CORPORATION	(54) Sample preparation workstation
201118119	School Juridical Person Higashi-Nippon-	(73) Biotage AB
(32) 31.01.2011	Gakuen	(72) Andersson, Lars
23.09.2011	(72) KUMANO, Osamu	Williams, Lee
20.10.2011	YAMAGUCHI, Haruki	(51) G01N 35/00
(33) United Kingdom	SUZUKI, Takeshi	G06F 11/32
United Kingdom	IEKO, Masahiro	G06F 11/07
United Kingdom	(31) 2015150815	(11) EP2040081
(51) G01N 33/574	(32) 30.07.2015	

- (21) EP08016380.1
(47) 23.01.2019
(22) 17.09.2008
(54) Sample analyzer and error information displaying method
(73) Sysmex Corporation
(72) Wakamiya, Yuji
Okuzaki, Tomohiro
Takehara, Hisato
(31) 2007243428
(32) 20.09.2007
(33) Japan
-
- (51) G01N 35/02
(11) EP2423689
(21) EP10766781.8
(47) 30.01.2019
(87) JP2010002526
28.10.2010
(22) 07.04.2010
(54) AUTOMATIC ANALYSIS DEVICE
(73) Hitachi High-Technologies Corporation
(72) CHIDA, Satoru
IWAMATSU, Hirokazu
SHIMIZU, Kano
NAKAMURA, Kazuhiro
UMINO, Kiyotaka
(31) 2009101528
(32) 20.04.2009
(33) Japan
-
- (51) G01N 35/02
B01F 11/02
B01F 15/00
G01N 35/00
G01N 35/10
B01F 7/16
G01N 1/38
B01F 15/02
G01N 35/04
(11) EP2275823
(21) EP09742736.3
(47) 23.01.2019
(87) JP2009058589
12.11.2009
(22) 01.05.2009
(54) AUTOMATED ANALYZER
(73) Hitachi High-Technologies Corporation
(72) SUGIYAMA, Chic
MATSUBARA, Shigeki
(31) 2008121768
(32) 08.05.2008
(33) Japan
-
- (51) G01N 35/10
(11) EP2477034
(21) EP10815214.1
(47) 23.01.2019
(87) JP2010062010
17.03.2011
(22) 15.07.2010
(54) DISPENSING DEVICE AND ANALYSIS DEVICE
(73) Hitachi High-Technologies Corporation
(72) SANO Minoru
ONUKI Kazutoshi
SHOJI Yoshiyuki
YAMAZAKI Isao
(31) 2009210725
(32) 11.09.2009
(33) Japan
-
- (51) G01N 35/10
G01N 35/00
G01N 35/04
G01N 33/53
G01N 35/02
(11) EP2354797
(21) EP09830227.6
(47) 23.01.2019
(87) JP2009055514
10.06.2010
(22) 19.03.2009
(54) AUTOMATIC ANALYZING APPARATUS, AND SPECIMEN BATCHING METHOD IN THE AUTOMATIC ANALYZING APPARATUS
(73) Beckman Coulter, Inc.
(72) MIZUTANI, Takayuki
KUBOTA, Kiyotaka
(31) 2008310028
(32) 04.12.2008
(33) Japan
-
- (51) G01P 3/38
G06T 7/20
G06T 7/246
(11) EP3296749
(21) EP17153641.0
(47) 23.01.2019
(22) 27.01.2017
(54) MOTION ENCODER
(73) Sick IVP AB
(72) ÅSTRÖM, Anders
FORCHHEIMER, Robert
JOHANNESSON, Mattias
-
- (51) G01P 15/125
B81B 5/00
G01P 15/08
(11) EP3014285
(21) EP14753156.0
(47) 30.01.2019
(87) IB2014062650
31.12.2014
(22) 27.06.2014
(54) CAPACITIVE MICROMECHANICAL SENSOR STRUCTURE AND MICROMECHANICAL ACCELEROMETER
(73) Murata Manufacturing Co., Ltd.
(72) LIUKKU, Matti
RYTKÖNEN, Ville-Pekka
(31) 20135712
(32) 28.06.2013
(33) Finland
-
- (51) G01Q 10/06
G01Q 30/04
(11) EP2215637
(21) EP08853364.1
(47) 23.01.2019
(87) SE2008051381
04.06.2009
(22) 01.12.2008
(54) ITERATIVE FEEDBACK TUNING IN A SCANNING PROBE MICROSCOPE
(73) FEI Company
(72) SVENSSON, Krister
BENGTSSON, Paul
ALTENBURG J. Simon
(31) 991239 P
(32) 30.11.2007
-
- (33) United States of America
-
- (51) G01R 1/067
G01R 13/02
(11) EP2687858
(21) EP12177179.4
(47) 23.01.2019
(22) 19.07.2012
(54) Probing tip for a signal acquisition probe
(73) Tektronix, Inc.
(72) Spinar, James E
Lynn, Richard R
-
- (51) G01R 1/067
G01R 19/00
G01R 19/155
H02J 5/00
H05B 37/02
H02M 1/10
(11) EP2738560
(21) EP13194783.0
(47) 23.01.2019
(22) 28.11.2013
(54) Circuit that deciphers between AC and DC input signals
(73) Rockwell Automation Asia Pacific Business Ctr. Pte., Ltd.
(72) Terdan, Dale R.
Overberger, Sean P.
(31) 201213688312
(32) 29.11.2012
(33) United States of America
-
- (51) G01R 13/02
G01R 19/25
H03M 1/12
(11) EP3141912
(21) EP16188145.3
(47) 23.01.2019
(22) 09.09.2016
(54) TEST AND MEASUREMENT INSTRUMENT INCLUDING ASYNCHRONOUS TIME-INTERLEAVED DIGITIZER USING HARMONIC MIXING AND A LINEAR TIME-PERIODIC FILTER
(73) Tektronix, Inc.
(72) KNIERIM, Daniel
(31) 201514851937
(32) 11.09.2015
(33) United States of America
-
- (51) G01R 27/02
B08B 15/02
G01K 7/24
(11) EP3052949
(21) EP14848196.3
(47) 30.01.2019
(87) US2014056187
02.04.2015
(22) 18.09.2014
(54) MAXIMIZING RESOLUTION OF RESISTANCE SENSING
(73) Siemens Industry, Inc.
(72) CHARLES, Donald E.
(31) 201314041149
(32) 30.09.2013
(33) United States of America
-
- (51) G01R 27/14
G08B 29/06
G08B 29/08
G08B 29/12

G01R 31/02	(33) United States of America	(73) Paul Scherrer Institut
(11) EP2847600	(51) G01R 31/34	(72) VRANKOVIC, Vjerman
(21) EP13728784.3	(11) EP2366112	SANFILIPPO, Stephane
(47) 23.01.2019	(21) EP09826376.7	WOUTERS, Christina
(87) GB2013051203	(47) 23.01.2019	(31) 13152555
14.11.2013	(87) SE2009051296	(32) 24.01.2013
(22) 09.05.2013	20.05.2010	(33) European Patent Office (EPO)
(54) AN APPARATUS AND ASSOCIATED METHOD FOR MEASURING A SERIES RESISTANCE	(22) 13.11.2009	(51) G01R 33/09
(73) Computationics Limited	(54) METHOD AND APPARATUS FOR OFF-LINE TESTING OF MULTI-PHASE ALTERNATING CURRENT MACHINES	G07D 7/04
(72) ANDREW, Foster	(73) Subsee Råå AB	(11) EP3262432
(31) 201208289	(72) COP, Boris	(21) EP16710087.4
(32) 11.05.2012	(31) 0802394	(47) 30.01.2019
(33) United Kingdom	114173 P	(87) EP2016000315
(51) G01R 31/00	(32) 13.11.2008	01.09.2016
G05B 23/02	13.11.2008	(22) 24.02.2016
G01R 31/319	(33) Sweden	(54) BIAS MAGNET AND MEASUREMENT DEVICE FOR MEASURING MAGNETIC PROPERTIES OF THE SURROUNDINGS OF THE MEASUREMENT DEVICE AND METHOD FOR BIASING OF MAGNETIC MATERIALS ON A MEASUREMENT OBJECT
(11) EP2015084	United States of America	(73) TE Connectivity Sensors Germany GmbH
(21) EP08010847.5	(51) G01R 31/36	(72) BARTOS, Axel
(47) 23.01.2019	H02J 7/00	MEISENBERG, Armin
(22) 14.06.2008	(11) EP2597478	(31) 102015002219
(54) Testing device for electric components	(21) EP12007879.5	(32) 24.02.2015
(73) Vector Informatik GmbH	(47) 23.01.2019	(33) Germany
(72) Brinkmeyer, Horst	(22) 22.11.2012	(51) G01S 1/72
Heidenwag, Peter	(54) Battery discharge system	G06Q 10/08
Krauss, Stefan	(73) Panasonic Intellectual Property Management Co., Ltd.	G06K 7/10
Riegraf, Thomas	(72) Tsuruta, Naoki	(11) EP2535850
(31) 102007032627	Ikeda, Masaki	(21) EP11170205.6
(32) 11.07.2007	(31) 2011254571	(47) 23.01.2019
(33) Germany	(32) 22.11.2011	(22) 16.06.2011
(51) G01R 31/02	(33) Japan	(54) Logistic terminal with loading dock areas suitable to identify objects
G01R 31/00	(51) G01R 33/00	(73) Deutsche Post AG
(11) EP2257825	G01R 33/07	(72) Blasco, Santiago
(21) EP08763210.5	(11) EP3278127	Cano, Juan Manuel Antón
(47) 30.01.2019	(21) EP16718596.6	Monje, Rodrigo Gómez
(87) IB2008052209	(47) 30.01.2019	Sánchez, Mariano Crespo
24.09.2009	(87) US2016027486	Mortalla, Sánchez Alberto
(22) 20.03.2008	03.11.2016	(51) G01S 3/786
(54) APPARATUS AND A METHOD FOR DETECTING FAULTS IN THE DELIVERY OF ELECTRICAL POWER TO ELECTRICAL LOADS	(22) 14.04.2016	G01S 13/86
(73) NXP USA, Inc.	(54) CIRCUITS AND METHODS FOR MODULATING CURRENT IN CIRCUITS COMPRISING SENSING ELEMENTS	G01S 13/72
(72) ABOUDA, Kamel	(73) Allegro MicroSystems, LLC	G01S 7/22
CREVEAU-BOURY, Stephanie	(72) TOWNE, Jay, M.	(11) EP3241035
DELAGÉ, Murielle	SHELLER, P., Karl	(21) EP15820188.9
TURPIN, Pierre	SHOEMAKER, Eric, G.	(47) 30.01.2019
(51) G01R 31/28	(31) 201514696674	(87) EP2015081425
G06F 1/32	(32) 27.04.2015	07.07.2016
G06F 11/00	(33) United States of America	(22) 30.12.2015
G06F 11/34	(51) G01R 33/02	(54) RADAR-ASSISTED OPTICAL TRACKING METHOD AND MISSION SYSTEM FOR IMPLEMENTATION OF THIS METHOD
(11) EP3293609	G01R 33/07	(73) Thales
(21) EP16203675.0	G01R 33/00	(72) GUERRINI, Gilles
(47) 30.01.2019	H01L 43/04	RICHARD, Fabien
(22) 13.12.2016	H01L 43/06	CAMUS, Fabien
(54) DYNAMIC RELIABILITY QUALITY MONITORING	G01D 5/14	(31) 1403045
(73) ATI Technologies ULC	H01L 43/10	(32) 30.12.2014
Advanced Micro Devices, Inc.	H01L 43/14	(33) France
(72) KOSONOCKY, Stephen	(11) EP2948730	(51) G01S 3/803
BURD, Thomas	(21) EP13810913.7	G01S 3/808
CLARK, Adam	(47) 30.01.2019	(11) EP2659281
HEWITT, Larry	(87) EP2013075827	(21) EP11802105.4
FARICELLI, John	31.07.2014	(47) 30.01.2019
PETRY, John	(22) 06.12.2013	
(31) 201615258816	(54) A METHOD FOR MANUFACTURING A HALL SENSOR ASSEMBLY AND A HALL SENSOR ASSEMBLY	
(32) 07.09.2016		

(87) EP2011073959 05.07.2012	G01S 13/00 E05G 5/00	(31) 201261616029 P 201313842065
(22) 23.12.2011	G01S 13/89	(32) 27.03.2012
(54) METHOD AND APPARATUS FOR INCREASING THE DIRECTION- FINDING ACCURACY OF A RECEIVER ARRANGEMENT	G07C 9/02 (11) EP3071998 (21) EP14863583.2 (47) 30.01.2019	(33) United States of America United States of America
(73) ATLAS ELEKTRONIK GmbH	(87) US2014065881	(51) G01S 17/02
(72) BECKEFELD, Frank RENKEN, Klaus	(22) 17.11.2014	G01S 13/86
(31) 102010056528	(54) ACTIVE MICROWAVE DEVICE AND DETECTION METHOD	G01S 17/93
(32) 29.12.2010	(73) Apstec Systems USA LLC	G01S 17/66
(33) Germany	(72) KUZNETSOV, Andrey AVERYANOV, Valery GORSHKOV, Igor	G01S 13/72
(51) G01S 3/808	(31) 201361905940 P	(11) EP3208635
G01S 11/14	201414160895	(21) EP17154982.7
(11) EP3265839	201461945921 P	(47) 23.01.2019
(21) EP16715232.1	201414259603	(22) 07.02.2017
(47) 23.01.2019	201414319222	(54) VISION ALGORITHM PERFORMANCE USING LOW LEVEL SENSOR FUSION
(87) DE2016100056 15.09.2016	(32) 19.11.2013	(73) Aptiv Technologies Limited
(22) 09.02.2016	22.01.2014	(72) IZZAT, Izzat H. MV, Rohith
(54) METHOD FOR CALCULATING A CONFIDENCE ECHO SIGNAL THAT IS EXEMPT FROM MULTIPATH PROPAGATION EFFECTS AND FOR DETERMINING A DISTANCE AND/OR A DIRECTION TO AN ECHO SOURCE AND DEVICE AND VEHICLE	(33) United States of America United States of America United States of America United States of America United States of America	(31) 201615047863
(73) ATLAS ELEKTRONIK GmbH	(51) G01S 19/14	(32) 19.02.2016
(72) NIKOLOVSKA, Aneta	A01K 15/02	(33) United States of America
(31) 102015103315	A01K 27/00	(51) G01S 19/14
(32) 06.03.2015	(11) EP3255978	(31) 201615047863
(33) Germany	(21) EP16734593.3	(32) 19.02.2016
(51) G01S 5/14	(47) 30.01.2019	(33) United States of America
G01S 13/76	(87) EP2016064540	(51) G01S 19/14
G01S 13/87	05.01.2017	A01K 15/02
H04W 64/00	(22) 23.06.2016	A01K 27/00
(11) EP2734857	(54) ANIMAL TRAINING COLLAR	(11) EP3255978
(21) EP11869738.2	(73) Bellon, Bart Bellon, Michael	(21) EP16734593.3
(47) 23.01.2019	(72) Bellon, Bart Bellon, Michael	(47) 30.01.2019
(87) AU2011000920 24.01.2013	(31) 15174651	(87) EP2016064540
(22) 20.07.2011	(32) 30.06.2015	05.01.2017
(54) WIRELESS LOCALISATION SYSTEM	(33) European Patent Office (EPO)	(22) 23.06.2016
(73) Commonwealth Scientific & Industrial Research Organisation (C.S.I.R.O.)	(51) G01S 19/24	(54) ANIMAL TRAINING COLLAR
(72) HEDLEY, Mark GUO, Yingjie Jay HUANG, Xiaojing	G01W 1/00	(73) Bellon, Bart Bellon, Michael
(51) G01S 7/292	(11) EP3123201	(31) 15174651
G01S 13/72	(21) EP15712637.6	(32) 30.06.2015
(11) EP2581758	(47) 30.01.2019	(33) European Patent Office (EPO)
(21) EP12188343.3	(87) EP2015056795	(51) G01S 19/24
(47) 30.01.2019	01.10.2015	G01W 1/00
(22) 12.10.2012	(22) 27.03.2015	(11) EP3123201
(54) METHODS FOR RESOLVING RADAR AMBIGUITIES USING MULTIPLE HYPOTHESIS TRACKING	(54) METHOD AND APPARATUS FOR PROCESSING RADIONAVIGATION SIGNALS FOR ATMOSPHERIC MONITORING	(21) EP15712637.6
(73) RAYTHEON COMPANY	(73) The European Union, represented by the European Commission	(47) 30.01.2019
(72) Keian, Christopher Blackman, Samuel S. Rosen, Robert A. Dempster, Robert J.	(72) CURRAN, James, T. BAVARO, Michele FORTUNY-GUASCH, Joaquim	(87) EP2015056795
(31) 201113274249	(31) 14162381	01.10.2015
(32) 14.10.2011	(32) 28.03.2014	(22) 27.03.2015
(33) United States of America	(33) European Patent Office (EPO)	(54) METHOD AND APPARATUS FOR PROCESSING RADIONAVIGATION SIGNALS FOR ATMOSPHERIC MONITORING
(51) G01S 13/88	(51) G01S 19/25	(73) The European Union, represented by the European Commission
G01S 13/87	G01S 19/30	(72) CURRAN, James, T. BAVARO, Michele FORTUNY-GUASCH, Joaquim
(11) EP2581758	(11) EP2799908	(31) 14162381
(21) EP12188343.3	(21) EP14166677.6	(32) 28.03.2014
(47) 30.01.2019	(47) 30.01.2019	(33) European Patent Office (EPO)
(22) 12.10.2012	(22) 30.04.2014	(51) G01S 19/25
(54) METHODS FOR RESOLVING RADAR AMBIGUITIES USING MULTIPLE HYPOTHESIS TRACKING	(54) ROBUST ATTENUATION CORRECTION SYSTEM FOR RADAR REFLECTIVITY AND DIFFERENTIAL REFLECTIVITY	G01S 19/30
(73) RAYTHEON COMPANY	(73) COLORADO STATE UNIVERSITY RESEARCH FOUNDATION	(11) EP2799908
(72) Keian, Christopher Blackman, Samuel S. Rosen, Robert A. Dempster, Robert J.	(72) VENKATACHALAM, Chandrasekaran LIM, Sanghun	(21) EP14166677.6
(31) 201113274249		(47) 30.01.2019
(32) 14.10.2011		(22) 30.04.2014
(33) United States of America		
(51) G01S 13/88		
G01S 13/87		

- (54) A device and methods for processing encrypted navigation signals
(73) Nottingham Scientific Limited
(72) Wales, Ben Peter
Aguado, Luis Enrique
(31) 201307735
(32) 30.04.2013
(33) United Kingdom
-
- (51) G01S 19/27
(11) EP2878973
(21) EP14191319.4
(47) 30.01.2019
(22) 22.12.2009
(54) Positioning satellites
(73) Nokia Technologies Oy
(72) Lobo, Natividade
-
- (51) G01T 1/24
(11) EP2347285
(21) EP09815661.5
(47) 23.01.2019
(87) EP2009061663
01.04.2010
(22) 09.09.2009
(54) DEVICE FOR DETECTING HIGHLY ENERGETIC PHOTONS
(73) Institut de Física d'Altes Energies
(72) CHMEISSANI RAAD, Mokhtar
ÁLVAREZ PASTOR, José, M.
SÁNCHEZ SÁNCHEZ, Carlos
(31) 08164936
99271 P
(32) 23.09.2008
23.09.2008
(33) European Patent Office (EPO)
United States of America
-
- (51) G01T 1/29
G01T 1/24
(11) EP2469305
(21) EP11195757.7
(47) 23.01.2019
(22) 27.12.2011
(54) X-ray detector
(73) Rigaku Corporation
(72) Tsukiyama, Akira
Sakumura, Takuto
Tsuji, Yuji
(31) 2010289688
(32) 27.12.2010
(33) Japan
-
- (51) G01T 1/29
H04N 5/32
H04N 5/361
H04N 5/359
(11) EP3230769
(21) EP15828563.5
(47) 23.01.2019
(87) US2015064683
16.06.2016
(22) 09.12.2015
(54) BEAM DETECTION WITH CONTINUOUS DETECTOR READOUT
(73) Carestream Health, Inc.
(72) TOPFER, Karin
HAWVER, Jeffery R.
WELCH, Eric M.
(31) 201462090400 P
(32) 11.12.2014
-
- (33) United States of America
-
- (51) G01T 3/00
(11) EP3270186
(21) EP16001576.4
(47) 23.01.2019
(22) 15.07.2016
(54) NEUTRON DETECTOR WITH A TRACKING UNIT
(73) Universität Heidelberg
(72) Köhli, Markus
-
- (51) G01T 7/00
G01T 1/169
(11) EP3204795
(21) EP15777699.8
(47) 30.01.2019
(87) EP2015073310
14.04.2016
(22) 08.10.2015
(54) DUAL IMAGING DEVICE
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(72) MAHE, Charly
(31) 1459704
(32) 09.10.2014
(33) France
-
- (51) G01V 1/137
(11) EP2824482
(21) EP13305989.9
(47) 23.01.2019
(22) 11.07.2013
(54) Device for producing an acoustic signal in a liquid medium, equipped with hydraulic means for controlling output acoustic signal
(73) Sercel
(72) SAUTRON, Frédéric
-
- (51) G01V 1/16
G01V 1/38
(11) EP1593987
(21) EP05251827.1
(47) 23.01.2019
(22) 23.03.2005
(54) Deployment of seismic sensor
(73) Seabed Geosolutions AS
(72) Berg, Eivind
Näs, Johan Fredrik
Persson, Thore
Storesund, Sven Magne
(31) 20041900
(32) 07.05.2004
(33) Norway
-
- (51) G01V 1/18
(11) EP3232232
(21) EP17163056.9
(47) 23.01.2019
(22) 16.11.2016
(54) HERMETICALLY SEALED HYDROPHONES WITH VERY LOW ACCELERATION SENSITIVITY
(73) Amphenol (Maryland) Inc.
(72) GOENNER, Matther C.
MARIN, Mihaela
(31) 201562255888 P
201514977059
(32) 16.11.2015
21.12.2015
(33) United States of America
United States of America
-
- (51) G01V 1/24
G01V 13/00
(11) EP2198325
(21) EP08852981.3
(47) 23.01.2019
(87) IB2008002958
28.05.2009
(22) 04.11.2008
(54) METHOD AND APPARATUS FOR CORRECTING THE TIMING FUNCTION IN A NODAL SEISMIC DATA ACQUISITION UNIT
(73) Fairfield Industries Inc.
(72) RAY, Clifford, H.
FISSELER, Glenn, D.
GUYTON, William
(31) 994711 P
977580
(32) 21.09.2007
25.10.2007
(33) United States of America
United States of America
-
- (51) G01V 1/38
(11) EP2177933
(21) EP09172978.0
(47) 23.01.2019
(22) 14.10.2009
(54) Method for Imaging a Sea-Surface Reflector from Towed Dual-Sensor Streamer Data
(73) PGS Geophysical AS
(72) Söllner, Walter
(31) 287789
(32) 14.10.2008
(33) United States of America
-
- (51) G01V 1/38
(11) EP2316044
(21) EP09781430.5
(47) 23.01.2019
(87) EP2009060041
04.03.2010
(22) 03.08.2009
(54) DETERMINING SEISMIC STREAMER ARRAY GEOMETRY AND SEISMIC SENSOR RESPONSE USING DUAL SENSOR SEISMIC STREAMER ARRAYS
(73) PGS Geophysical AS
(72) CAMBOIS, Guillaume
(31) 229847
(32) 27.08.2008
(33) United States of America
-
- (51) G01V 3/08
G01V 3/12
(11) EP2162767
(21) EP08781225.1
(47) 23.01.2019
(87) US2008068893
08.01.2009
(22) 01.07.2008
(54) METHOD OF DETERMINING ELECTRICAL ANISOTROPY IN A SUBSURFACE FORMATION
(73) Shell Internationale Research Maatschappij B.V.
(72) TOMPKINS, Michael, John
(31) 947837 P
(32) 03.07.2007
(33) United States of America
-
- (51) G01V 3/15

(11) EP2828690	(11) EP3220170	G03B 21/625
(21) EP13700917.1	(21) EP17155933.9	G02B 3/06
(47) 23.01.2019	(47) 23.01.2019	B29D 11/00
(87) EP2013051209	(22) 13.02.2017	B29L 11/00
26.09.2013	(54) REQUESTING WEATHER DATA BASED	(11) EP3051322
(22) 23.01.2013	ON PRE-SELECTED EVENTS	(21) EP13894563.9
(54) HAND-HELD LOCATING APPLIANCE	(73) Honeywell International Inc.	(47) 30.01.2019
(73) Robert Bosch GmbH	(72) WANG, Guoqing	(87) JP2013083470
(72) KRAPF, Reiner	WANG, Haiming	02.04.2015
(31) 102012204580	WANG, Haifeng	(22) 13.12.2013
(32) 22.03.2012	LIANG, Danhua	(54) LINEAR FRESNEL LENS SHEET,
(33) Germany	(31) 201615072210	TRANSMISSIVE DISPLAY APPARATUS,
(51) G01V 3/30	(32) 16.03.2016	AND ROLL-SHAPED MOLDING DIE FOR
(11) EP2591384	(33) United States of America	MANUFACTURING LINEAR FRESNEL
(21) EP10732816.3	(51) G01W 1/00	LENS SHEET
(47) 23.01.2019	B60C 19/00	(73) Dai Nippon Printing Co., Ltd.
(87) US2010041529	B60T 8/172	(72) SASAHARA, Kazuhiro
12.01.2012	G08G 1/0967	(31) 2013198856
(22) 09.07.2010	G07C 5/00	2013205456
(54) IMAGING AND SENSING OF	(11) EP3206056	(32) 25.09.2013
SUBTERRANEAN RESERVOIRS	(21) EP15848631.6	30.09.2013
(73) Halliburton Energy Services, Inc.	(47) 23.01.2019	(33) Japan
(72) BITTAR, Michael, S.	(87) JP2015078398	Japan
DONDERICI, Burkay	14.04.2016	(51) G02B 5/08
(51) G01V 5/00	(22) 06.10.2015	H01Q 1/42
(11) EP2561340	(54) ROAD SURFACE CONDITIONS	(11) EP3230777
(21) EP11771450.1	DISTINGUISHING SYSTEM	(21) EP15820928.8
(47) 23.01.2019	(73) Bridgestone Corporation	(47) 30.01.2019
(87) CA2011000474	(72) HANATSUKA, Yasushi	(87) US2015064664
27.10.2011	(31) 2014206017	16.06.2016
(22) 21.04.2011	(32) 06.10.2014	(22) 09.12.2015
(54) METHOD AND SYSTEM FOR USE IN	(33) Japan	(54) SYSTEM HAVING A
PERFORMING SECURITY SCREENING	(51) G01W 1/10	TELECOMMUNICATIONS ELEMENT
(73) Vanderlande APC Inc.	G01W 1/16	BEING CONCEALED BY A REFLECTIVE
(72) PERRON, Luc	G01W 1/14	STRUCTURE COMPRISING A POLYMER
(31) 420973 P	(11) EP3078992	OPTICAL MULTILAYER FILM
326503 P	(21) EP15001019.7	(73) 3M Innovative Properties Company
(32) 08.12.2010	(47) 30.01.2019	(72) LARSON, Donald K.
21.04.2010	(22) 10.04.2015	SCHARDT, Craig R.
(33) United States of America	(54) SYSTEM AND METHOD FOR THE	KING, Stephen C.
United States of America	IDENTIFICATION AND/OR PREDICTION	TREADWELL, Daniel J.
(51) G01V 11/00	OF HAIL EVENTS	YEMELONG, Constand E.
(11) EP2491537	(73) nowcast GmbH	CARLS, Joseph C.
(21) EP10825698.3	(72) Möhrlein, Matthias	KIPKE, Cary A.
(47) 23.01.2019	Riso, Silvia	(31) 201462089347 P
(87) US2010053610	Betz, Hans-Dieter Prof. Dr.	201562183835 P
28.04.2011	Betz, Daniel	(32) 09.12.2014
(22) 17.12.2010	(51) G02B 1/14	24.06.2015
(54) COMPUTER IMPLEMENTED METHOD	B29D 11/00	(33) United States of America
FOR ESTIMATING GEOLOGICAL	G02B 1/04	United States of America
ARCHITECTURE OF A GEOLOGIC	B24B 9/14	(51) G02B 5/28
VOLUME	(11) EP3189358	H01L 31/0216
(73) Chevron U.S.A. Inc.	(21) EP14824080.7	H01L 27/146
(72) PYRCZ, Michael J.	(47) 30.01.2019	(11) EP2835671
MCHARGUE, Tim	(87) IB2014002101	(21) EP14179954.4
(51) G01V 99/00	10.03.2016	(47) 30.01.2019
(11) EP2718742	(22) 04.09.2014	(22) 06.08.2014
(21) EP11869975.0	(54) OPTICAL LENS COMPRISING A	(54) Method for manufacturing a thick multilayer
(47) 23.01.2019	PROTECTIVE REMOVABLE FILM	optical filter within an integrated circuit,
(87) US2011044933	(73) Essilor International	and integrated circuit comprising a thick
31.01.2013	(72) SHAN, Haifeng	multilayer optical filter
(22) 22.07.2011	MUISENER, Richard	(73) COMMISSARIAT A L'ENERGIE
(54) MAPPING GEOLOGIC FEATURES	FOURNAND, Gerald	ATOMIQUE ET AUX ENERGIES
(73) Landmark Graphics Corporation	LAPPRAND, Aude	ALTERNATIVES
(72) ROSS, William, C.	(51) G02B 3/10	STmicroelectronics SA
CHAMBERS, Richard, L.	B29C 33/42	(72) Frey, Laurent
(51) G01W 1/00	G02B 5/02	Marty, Michel
	G02B 3/08	(31) 1357901

(32) 08.08.2013	Ryugo, Tetsuo	(54) CAMERA MODULE FOR A MOTOR
(33) France	(31) 2013197582	VEHICLE
(51) G02B 6/12	(32) 24.09.2013	(73) Veoneer Sweden AB
G02B 6/126	(33) Japan	(72) Knutsson, Per
H04B 10/67	(51) G02B 6/42	Fredriksson, Peter
H04B 10/61	(11) EP2115511	(51) G02B 7/04
H04J 14/02	(21) EP08743445.2	G02B 7/10
H04J 14/06	(47) 23.01.2019	H04N 5/225
(11) EP2465218	(87) US2008053491	(11) EP2362256
(21) EP10743307.0	14.08.2008	(21) EP11152304.9
(47) 23.01.2019	(22) 08.02.2008	(47) 23.01.2019
(87) US2010044958	(54) SINGLE PIECE TRIPLEXER HOUSING	(22) 27.01.2011
17.02.2011	(73) Finisar Corporation	(54) Lens apparatus for surveillance camera
(22) 10.08.2010	(72) PFNUER, Stefan	(73) Fujifilm Corporation
(54) COHERENT RECEIVER HAVING AN	(31) 900263 P	(72) Aiba, Daigo
INTERLEAVE-CHIRPED ARRAYED	961190 P	(31) 2010017175
WAVEGUIDE GRATING	(32) 08.02.2007	(32) 28.01.2010
(73) Alcatel Lucent	17.07.2007	(33) Japan
(72) DOERR, Christopher, R.	(33) United States of America	(51) G02B 7/10
(31) 541548	United States of America	(11) EP2302435
(32) 14.08.2009	(51) G02B 6/42	(21) EP10175912.4
(33) United States of America	G02B 6/122	(47) 23.01.2019
(51) G02B 6/293	(11) EP2613188	(22) 09.09.2010
G01N 21/05	(21) EP11821895.7	(54) Lens device
G01N 21/77	(47) 23.01.2019	(73) FUJIFILM Corporation
H01S 3/20	(87) JP2011069834	(72) Mori, Yoshitaka
G01N 21/03	08.03.2012	(31) 2009216032
G02B 5/20	(22) 31.08.2011	(32) 17.09.2009
H01S 3/083	(54) OPTICAL TRANSMISSION SUBSTRATE	(33) Japan
H01S 5/10	AND OPTICAL TRANSMISSION	(51) G02B 7/182
(11) EP2228675	MODULE	G02B 26/08
(21) EP10155827.8	(73) Kyocera Corporation	G02B 26/10
(47) 23.01.2019	(72) MAETANI, Maraki	G02B 27/01
(22) 08.03.2010	(31) 2011143693	(11) EP3064975
(54) Method of fabricating a microbubble optical	2011143694	(21) EP16157043.7
resonator	2010193323	(47) 23.01.2019
(73) OFS Fitel, LLC	2010193324	(22) 24.02.2016
(72) Sumetsky, Mikhail	(32) 29.06.2011	(54) OPTICAL SCANNING APPARATUS,
(31) 159822 P	29.06.2011	SUBSTRATE FIXING METHOD IN
658090	31.08.2010	OPTICAL SCANNING APPARATUS,
(32) 13.03.2009	31.08.2010	IMAGE DISPLAY APPARATUS, AND
02.02.2010	(33) Japan	VEHICLE
(33) United States of America	Japan	(73) Ricoh Company, Ltd.
United States of America	Japan	(72) YOSHIMURA, Kenichi
(51) G02B 6/32	Japan	(31) 2015045073
G02B 6/38	(51) G02B 6/44	(32) 06.03.2015
(11) EP2491446	H01R 9/26	(33) Japan
(21) EP10785139.6	H02B 1/052	(51) G02B 13/00
(47) 30.01.2019	F16M 13/02	F21V 5/00
(87) FR2010052222	F16B 2/18	G02B 3/00
28.04.2011	F16B 2/12	(11) EP3208645
(22) 19.10.2010	(11) EP3109682	(21) EP17155295.3
(54) OPTICAL FIBRE CONNECTION DEVICE	(21) EP15804667.2	(47) 30.01.2019
(73) Amphenol Socapex	(47) 30.01.2019	(22) 08.02.2017
(72) DOIT, Stéphane	(87) CN2015078565	(54) SYSTEM OF LENSES FOR PROJECTING
LAGRANGE, Laurent	17.11.2016	AT LEAST ONE LIGHT SOURCE
(31) 0957315	(22) 08.05.2015	(73) Valeo Vision
(32) 19.10.2009	(54) OPTICAL FIBER TERMINAL BOX	(72) COURCIER, Marine
(33) France	(73) Huawei Technologies Co., Ltd.	LE CORRE, Jérôme
(51) G02B 6/36	(72) SHI, Deyi	(31) 1651225
G02B 6/38	WANG, Yeren	(32) 16.02.2016
(11) EP2851720	YANG, Anliang	(33) France
(21) EP14185471.1	(51) G02B 7/00	(51) G02B 17/00
(47) 30.01.2019	G02B 7/02	B60R 1/10
(22) 19.09.2014	(11) EP3244246	B60R 1/04
(54) Optical fiber unit for optical fiber sensor	(21) EP16169093.8	B60R 1/08
(73) OMRON CORPORATION	(47) 23.01.2019	G02B 27/10
(72) Takakura, Takeshi	(22) 11.05.2016	

- (11) EP3088252
(21) EP14875562.2
(47) 30.01.2019
(87) JP2014082915
02.07.2015
(22) 12.12.2014
(54) BLIND SPOT ASSIST DEVICE
(73) Nippon Seiki Co., Ltd.
(72) HARUYAMA, Kanae
OBATA, Masato
TAKAHASHI, Yuichi
NAGANO, Keiichi
(31) 2013266402
2013267123
(32) 25.12.2013
25.12.2013
(33) Japan
Japan
-
- (51) G02B 21/00
G02B 21/16
G02B 26/10
(11) EP3098642
(21) EP16170121.4
(47) 23.01.2019
(22) 18.05.2016
(54) MICROSCOPE COMPRISING SCANNING
OPTICAL SYSTEM
(73) Olympus Corporation
(72) DOHI, Masahito
(31) 2015110115
(32) 29.05.2015
(33) Japan
-
- (51) G02B 23/10
F41G 1/34
G02B 27/34
G02B 5/12
G02B 5/136
(11) EP3211470
(21) EP17158166.3
(47) 30.01.2019
(22) 27.02.2017
(54) DEVICE FOR ILLUMINATING A SIGHT
(73) Swarovski-Optik KG.
(72) OBLEITNER, Johannes
ZANGERL, Alois
(31) 501542016
(32) 29.02.2016
(33) Austria
-
- (51) G02B 23/14
F41G 1/38
(11) EP2674802
(21) EP13171216.8
(47) 23.01.2019
(22) 10.06.2013
(54) Remote optical apparatus with control
electronics
(73) Swarovski-Optik KG.
(72) WECHSELBERGER, Sandra
(31) 6872012
(32) 14.06.2012
(33) Austria
-
- (51) G02B 27/01
B60K 35/00
(11) EP2618202
(21) EP11825101.6
(47) 23.01.2019
(87) JP2011070646
22.03.2012
- (22) 09.09.2011
(54) HEAD-UP DISPLAY
(73) Yazaki Corporation
(72) NAKAMURA Go
AOKI Kunimitsu
(31) 2010204688
(32) 13.09.2010
(33) Japan
-
- (51) G02B 27/01
B60K 35/00
(11) EP2808723
(21) EP12866672.4
(47) 23.01.2019
(87) JP2012081550
01.08.2013
(22) 05.12.2012
(54) HEAD-UP DISPLAY DEVICE FOR
VEHICLE AND SELF-CHECKING
METHOD THEREFOR
(73) Nippon Seiki Co., Ltd.
(72) YAMAKAWA, Yasuhiro
NAKAHARA, Tsuyoshi
HADA, Makoto
SEKIYA, Shun
YAMADA, Kazuyoshi
(31) 2012014800
(32) 27.01.2012
(33) Japan
-
- (51) G02B 27/01
B60K 35/00
H04N 5/64
B60R 11/02
(11) EP3163354
(21) EP15811443.9
(47) 23.01.2019
(87) JP2015066705
30.12.2015
(22) 10.06.2015
(54) HEAD-UP DISPLAY DEVICE
(73) Nippon Seiki Co., Ltd.
(72) AZUMA, Masatoshi
(31) 2014131129
(32) 26.06.2014
(33) Japan
-
- (51) G02B 27/02
G06F 3/01
G02B 27/01
(11) EP3087427
(21) EP13900109.3
(47) 30.01.2019
(87) CN2013090728
02.07.2015
(22) 27.12.2013
(54) DEVICE, METHOD, AND SYSTEM OF
PROVIDING EXTENDED DISPLAY WITH
HEAD MOUNTED DISPLAY
(73) Intel Corporation
(72) GIWNEWER, Yair
RIDER, Tomer
RON, Aviv
KIVEISHA, Yevgeniy
JIANG, Minghao
-
- (51) G02C 7/02
A61F 9/02
(11) EP3356878
(21) EP15774909.4
(47) 23.01.2019
(87) EP2015072713
- 06.04.2017
(22) 01.10.2015
(54) EYEGLASSES WITH ONE-PIECE SHIELD
AND METHOD FOR DESIGNING SAID
SHIELD
(73) Carl Zeiss Vision International GmbH
(72) SPRATT, Ray Steven
-
- (51) G02C 7/02
C08K 5/101
C08K 5/134
C08K 5/3475
C08K 5/51
C08L 69/00
G02B 1/04
C08K 5/10
C08K 5/13
C08K 5/00
(11) EP2287655
(21) EP09754749.1
(47) 23.01.2019
(87) JP2009059734
03.12.2009
(22) 21.05.2009
(54) EYEGLASS LENS
(73) Teijin Chemicals, Ltd.
(72) TAKAHASHI, Naoshi
ONIZAWA, Tomomitsu
SATO, Shinichi
(31) 2008139257
(32) 28.05.2008
(33) Japan
-
- (51) G02C 7/04
G02B 1/04
(11) EP2681616
(21) EP12752742.2
(47) 23.01.2019
(87) US2012026222
07.09.2012
(22) 23.02.2012
(54) SILICONE HYDROGEL CONTACT
LENSES HAVING ACCEPTABLE
LEVELS OF ENERGY LOSS
(73) CooperVision International Holding
Company, LP
(72) LIU, Ronghua
SHI, Xinfeng
LIU, Yuwen
CHEN, Charlie
HONG, Ye
FRANCIS, Charles, A.
YAO, Li
BACK, Arthur
ZHENG, Ying
(31) 201161447197 P
(32) 28.02.2011
(33) United States of America
-
- (51) G02F 1/01
G02B 26/00
(11) EP3115834
(21) EP15759163.7
(47) 30.01.2019
(87) KR2015002187
11.09.2015
(22) 06.03.2015
(54) OPTICAL MODULATION APPARATUS
(73) LG Chem, Ltd.
(72) MIN, Sung Joon
KIM, Su Jin

SONG, Doo Hoon	G06F 3/041	(32) 29.12.2009
LIM, Jin Hyong	(11) EP3333620	(33) Korea (Republic)
OH, Dong Hyun	(21) EP16202831.0	(51) G02F 1/13363
KIM, Ki Hwan	(47) 30.01.2019	(11) EP2192439
(31) 20140027222	(22) 08.12.2016	(21) EP09014579.8
(32) 07.03.2014	(54) DISPLAY DEVICE PROVIDED WITH	(47) 23.01.2019
(33) Korea (Republic)	TOUCH KEYS	(22) 23.11.2009
(51) G02F 1/13	(73) EM Microelectronic-Marin SA	(54) Liquid crystal display and its manufacture
(11) EP2098903	(72) Hamm, Alain	method
(21) EP09007236.4	Longa, Giovanni	(73) Stanley Electric Co., Ltd.
(47) 23.01.2019	(51) G02F 1/1335	(72) Iwamoto, Yoshihisa
(22) 24.08.2007	G02F 1/1333	(31) 2008301253
(54) Flat panel display and a method thereof	G02F 1/1343	(32) 26.11.2008
(73) Samsung Display Co., Ltd.	G06F 3/041	(33) Japan
(72) Kim, Yong II	(11) EP2980635	(51) G02F 1/1362
Chun, Jae Hwan	(21) EP13834319.9	G02F 1/1345
Lee, Sang Hyeok	(47) 30.01.2019	H01L 27/12
(31) 20060080674	(87) CN2013077421	(11) EP2626739
(32) 24.08.2006	02.10.2014	(21) EP13154333.2
(33) Korea (Republic)	(22) 18.06.2013	(47) 23.01.2019
(51) G02F 1/1333	(54) COLOUR FILM SUBSTRATE AND	(22) 07.02.2013
G02F 1/1335	MANUFACTURING METHOD	(54) Thin film transistor display panel
H01L 21/84	THEREFOR, TOUCHSCREEN AND	(73) Samsung Display Co., Ltd.
(11) EP3255483	DISPLAY DEVICE	(72) Lee, Yong-Su
(21) EP17175364.3	(73) Chengdu BOE Optoelectronics Technology	Khang, Yoon-Ho
(47) 30.01.2019	Co., Ltd.	Yu, Se-Hwan
(22) 09.06.2017	BOE Technology Group Co., Ltd.	Kim, Dong-Jo
(54) DISPLAY DEVICE AND METHOD OF	(72) KO, Young Yik	Lee, Min-Jung
MANUFACTURING THE SAME	HUANG, Weiyun	(31) 20120012334
(73) Samsung Display Co., Ltd.	NAN, Yingying	(32) 07.02.2012
(72) KANG, Minsoo	(31) 201310098751	(33) Korea (Republic)
SEO, Gwangjae	(32) 26.03.2013	(51) G02F 1/167
JEONG, Myeongseok	(33) China	G09F 9/30
HEO, Yongsik	(51) G02F 1/1335	G09F 9/37
MIN, Kyoungil	H04M 1/02	G02B 5/20
PARK, Junshik	G06F 1/16	(11) EP2829911
SUNG, Taehyun	(11) EP2866080	(21) EP13765174.1
LEE, Hyungu	(21) EP15152130.9	(47) 23.01.2019
(31) 20160072736	(47) 30.01.2019	(87) JP2013057888
(32) 10.06.2016	(22) 26.10.2011	26.09.2013
(33) Korea (Republic)	(54) Displays with polarizer windows and opaque	(22) 19.03.2013
(51) G02F 1/1333	masking layers for electronic devices	(54) COLOR REFLECTIVE DISPLAY DEVICE
G02F 1/1339	(73) Apple Inc.	AND METHOD FOR MANUFACTURING
G02F 1/133	(72) Qi, Jun	SAME
H01L 27/12	Yin, Victor H.	(73) Toppan Printing Co., Ltd.
H01L 25/00	Wilson, Thomas W.	(72) KOBASHI, Yasuhiro
H01L 25/16	Garelli, Adam T.	(31) 2012068066
(11) EP3002627	(31) 916474	(32) 23.03.2012
(21) EP15186689.4	(32) 29.10.2010	(33) Japan
(47) 30.01.2019	(33) United States of America	(51) G03B 3/10
(22) 24.09.2015	(51) G02F 1/13357	(11) EP3125037
(54) DISPLAY APPARATUS AND METHOD	H01L 33/50	(21) EP16177933.5
OF MANUFACTURING THE SAME	C09K 11/55	(47) 23.01.2019
(73) LG Display Co., Ltd.	C09K 11/79	(22) 05.07.2016
(72) HONG, Ju Ik	(11) EP2360516	(54) LENS CONTROL DEVICE, LENS
PARK, Jeong Kweon	(21) EP10013195.2	CONTROL METHOD, AND RECORDING
PARK, Sang Ryeon	(47) 23.01.2019	MEDIUM
KIM, Yong Soo	(22) 01.10.2010	(73) Canon Kabushiki Kaisha
KIM, Jang Cheol	(54) Light emitting device and display device	(72) UEMURA, Hidetaka
KUON, Ik Hyun	having the same	(31) 2015149274
(31) 20140132085	(73) Samsung Display Co., Ltd.	(32) 29.07.2015
20140132089	(72) Lee, Dong Chin	(33) Japan
(32) 30.09.2014	Kim, Gicherl	(51) G03B 3/10
30.09.2014	Yang Byungchoon	G03B 5/02
(33) Korea (Republic)	Lee, Young-keun	G03B 13/36
Korea (Republic)	Baek, Seung Hwan	G03B 13/18
(51) G02F 1/1333	Ryu, So jin	G03B 17/00
G02F 1/1345	(31) 20090133154	

G03B 17/02	(22) 11.07.2014	(31) 201414310523
G03B 17/16	(54) IMAGING DEVICE	(32) 20.06.2014
(11) EP3314329	(73) Sony Corporation	(33) United States of America
(21) EP16813806.3	(72) OBA Eiji	(51) G03B 37/04
(47) 23.01.2019	(31) 2013152897	H04N 5/232
(87) IB2016053335	(32) 23.07.2013	G06T 3/40
29.12.2016	(33) Japan	(11) EP2726937
(22) 07.06.2016	(51) G03B 21/20	(21) EP12805137.2
(54) LOW PROFILE TRI-AXIS ACTUATOR	G03B 21/56	(47) 23.01.2019
FOR FOLDED LENS CAMERA	E04H 3/22	(87) FI2012050516
(73) Corephotonics Ltd.	H04N 9/31	03.01.2013
(72) AVIVI, Gal	G03B 21/16	(22) 29.05.2012
SHABTAY, Gal	G03B 21/60	(54) METHOD, APPARATUS AND
GOLDENBERG, Ephraim	G03B 37/04	COMPUTER PROGRAM PRODUCT FOR
(31) 201562183974 P	A63J 25/00	GENERATING PANORAMA IMAGES
(32) 24.06.2015	A63J 5/00	(73) Nokia Technologies Oy
(33) United States of America	(11) EP2685313	(72) PUTRAYA, Gururaj
(51) G03B 13/36	(21) EP13163160.8	MUNINDER, Veldandi
(11) EP3109695	(47) 23.01.2019	(31) 2221CH2011
(21) EP16176245.5	(22) 10.04.2013	(32) 30.06.2011
(47) 30.01.2019	(54) Multi-projection system	(33) India
(22) 24.06.2016	(73) CJ CGV Co., Ltd.	(51) G03B 42/04
(54) METHOD AND ELECTRONIC DEVICE	(72) Kim, Hwan Chul	A61B 6/00
FOR AUTOMATICALLY FOCUSING ON	Kang, Su Ryeon	(11) EP2778781
MOVING OBJECT	(31) 20120076100	(21) EP14157855.9
(73) Samsung Electronics Co., Ltd.	20120081376	(47) 30.01.2019
(72) SOMANATHAN, Karthikeyan	(32) 12.07.2012	(22) 05.03.2014
NARAYANAN, Karthik	25.07.2012	(54) Electronic cassette
SHAH, Tapan Harishkumar	(33) Korea (Republic)	(73) FUJIFILM Corporation
BANDLAMUDI, Vamsee Kalyan	Korea (Republic)	(72) Ogura, Ryosuke
ALAPATI, Jayakrishna	(51) G03B 37/00	Noguchi, Shinsuke
KIM, Goun-young	G01C 11/02	Kobayashi, Takeyasu
(31) 3180CH2015	B64D 47/08	(31) 2013049296
201601003180	G03B 37/04	(32) 12.03.2013
(32) 24.06.2015	(11) EP3158291	(33) Japan
20.04.2016	(21) EP14895459.7	(51) G03F 1/64
(33) India	(47) 30.01.2019	H01L 21/027
India	(87) AU2014050402	(11) EP3196700
(51) G03B 17/00	23.12.2015	(21) EP15841822.8
G02B 7/28	(22) 08.12.2014	(47) 30.01.2019
G03B 13/36	(54) WIDE-AREA AERIAL CAMERA	(87) JP2015076605
H04N 5/232	SYSTEMS	24.03.2016
(11) EP3168681	(73) NEARMAP AUSTRALIA PTY LTD	(22) 18.09.2015
(21) EP16206486.9	(72) LAPSTUN, Paul	(54) PELLICLE, PELLICLE PRODUCTION
(47) 30.01.2019	TARLINTON, Mark Harold	METHOD AND EXPOSURE METHOD
(22) 29.07.2008	BLEADS, David Arnold	USING PELLICLE
(54) TECHNIQUES TO AUTOMATICALLY	(31) 201414310523	(73) Mitsui Chemicals, Inc.
FOCUS A DIGITAL CAMERA	201414478380	(72) KOHMURA Kazuo
(73) QUALCOMM Incorporated	(32) 20.06.2014	TANEICHI Daiki
(72) FINKELSTEIN, Jeff	05.09.2014	KOZEKI Takashi
CROWLEY, Matt	(33) United States of America	ONO Yosuke
DELLINGER, Richard	United States of America	ISHIKAWA Hisako
(31) 831051	(51) G03B 37/00	BIYAJIMA Tsuneaki
(32) 31.07.2007	G01C 11/02	OKUBO Atsushi
(33) United States of America	B64D 47/08	SATO Yasuyuki
(51) G03B 17/02	G03B 37/04	HIROTA Toshiaki
B60R 1/00	(11) EP3158290	(31) 2014192007
G03B 11/00	(21) EP14894991.0	(32) 19.09.2014
G03B 15/00	(47) 30.01.2019	(33) Japan
H04N 5/225	(87) AU2014050401	(51) G03F 7/039
B60R 11/04	23.12.2015	G03F 7/075
H04N 5/217	(22) 08.12.2014	G03F 7/40
H04N 5/238	(54) HIGH-ALTITUDE AERIAL CAMERA	(11) EP2336829
(11) EP3026489	SYSTEMS	(21) EP10195063.2
(21) EP14828768.3	(73) NEARMAP AUSTRALIA PTY LTD	(47) 23.01.2019
(47) 30.01.2019	(72) TARLINTON, Mark Harold	(22) 15.12.2010
(87) JP2014068542	BLEADS, David Arnold	(54) Photoresists and methods for use thereof
29.01.2015	LAPSTUN, Paul	(73) Rohm and Haas Electronic Materials LLC

- (72) Pohlens, Gerhard
(31) 286744 P
(32) 15.12.2009
(33) United States of America
-
- (51) G03F 7/09
G03F 7/11
H01L 21/027
(11) EP3054351
(21) EP14847270.7
(47) 30.01.2019
(87) JP2014075422
02.04.2015
(22) 25.09.2014
(54) HIGHLY SENSITIVE MULTILAYER
RESIST FILM AND METHOD FOR
IMPROVING PHOTSENSITIVITY OF
RESIST FILM
(73) National Institute for Materials Science
(72) KAWAKITA, Jin
CHIKYO, Toyohiro
NAKANE, Takayuki
(31) 2013199700
2014111883
(32) 26.09.2013
30.05.2014
(33) Japan
Japan
-
- (51) G03F 7/11
G03F 7/26
H01L 21/027
C07D 303/18
(11) EP3141959
(21) EP15788887.6
(47) 30.01.2019
(87) JP2015063285
12.11.2015
(22) 08.05.2015
(54) LITHOGRAPHIC FILM FORMATION
MATERIAL, COMPOSITION FOR
LITHOGRAPHIC FILM FORMATION,
LITHOGRAPHIC FILM, PATTERN
FORMATION METHOD, AND
PURIFICATION METHOD
(73) Mitsubishi Gas Chemical Company, Inc.
(72) MAKINOSHIMA, Takashi
ECHIGO, Masatoshi
(31) 2014097000
(32) 08.05.2014
(33) Japan
-
- (51) G03F 7/20
G01B 11/00
G01B 11/26
H01L 21/027
(11) EP2071613
(21) EP07806596.8
(47) 23.01.2019
(87) JP2007067123
13.03.2008
(22) 03.09.2007
(54) EXPOSURE METHOD AND APPARATUS
(73) Nikon Corporation
(72) SHIBAZAKI, Yuichi
(31) 2006237692
(32) 01.09.2006
(33) Japan
-
- (51) G03F 7/20
H01L 21/027
(11) EP3139214
- (21) EP16179205.6
(47) 30.01.2019
(22) 03.12.2004
(54) EXPOSURE APPARATUS,
EXPOSURE METHOD, AND DEVICE
MANUFACTURING METHOD
(73) Nikon Corporation
(72) Nagasaka, Hiroyuki
Takaiwa, Hiroaki
Hirukawa, Shigeru
Hoshika, Ryuichi
Ishizawa, Hitoshi
(31) 2003404384
2004042496
(32) 03.12.2003
19.02.2004
(33) Japan
Japan
-
- (51) G03F 7/20
H01L 21/027
(11) EP3067750
(21) EP16164839.9
(47) 30.01.2019
(22) 08.06.2005
(54) EXPOSURE APPARATUS, EXPOSURE
METHOD, AND METHOD FOR
PRODUCING DEVICE
(73) Nikon Corporation
(72) Nagasaka, Hiroyuki
Onda, Minoru
(31) 2004172568
(32) 10.06.2004
(33) Japan
-
- (51) G03F 7/20
H01S 3/13
(11) EP2471150
(21) EP10814059.1
(47) 23.01.2019
(87) US2010002320
10.03.2011
(22) 24.08.2010
(54) ACTIVE SPECTRAL CONTROL OF
OPTICAL SOURCE
(73) Cymer, LLC
(72) SEONG, Nakgeun
LALOVIC, Ivan, B.
FARRAR, Nigel, R.
RAFAC, Robert, J.
BENDIK, Joseph, J.
(31) 236848 P
860288
(32) 25.08.2009
20.08.2010
(33) United States of America
United States of America
-
- (51) G03F 7/32
G03F 7/00
G03F 7/095
(11) EP2677365
(21) EP11858684.1
(47) 23.01.2019
(87) JP2011080006
23.08.2012
(22) 26.12.2011
(54) DEVELOPER COMPOSITION FOR
PRINTING PLATE, DEVELOPER AND
METHOD FOR MANUFACTURING
PRINTING PLATE
(73) Toyobo Co., Ltd.
(72) YAWATA, Yukimi
YOSHIOKA, Daiki
(31) 2011030714
2011039600
(32) 16.02.2011
25.02.2011
(33) Japan
Japan
-
- (51) G03G 9/08
G03G 9/087
(11) EP2614408
(21) EP11823688.4
(47) 23.01.2019
(87) JP2011070683
15.03.2012
(22) 06.09.2011
(54) TONER
(73) Canon Kabushiki Kaisha
(72) NAKAYAMA, Kenichi
YACHI, Shinya
KABURAGI, Takeshi
ABE, Nobuhisa
KUROKI, Shiro
(31) 2010201066
(32) 08.09.2010
(33) Japan
-
- (51) G03G 15/00
(11) EP3211480
(21) EP17154448.9
(47) 30.01.2019
(22) 02.02.2017
(54) IMAGE DENSITY DETECTOR,
IMAGE FORMING APPARATUS
INCORPORATING IMAGE DENSITY
DETECTOR, AND IMAGE DENSITY
DETECTING METHOD
(73) Ricoh Company, Ltd.
(72) UEMATSU, Yuuichiroh
MATSUE, Natsumi
YOSHIDA, Akira
KOSUGE, Akio
MATSUMOTO, Keiko
(31) 2016034815
(32) 25.02.2016
(33) Japan
-
- (51) G03G 15/00
G03G 15/01
(11) EP2402825
(21) EP11171861.5
(47) 23.01.2019
(22) 29.06.2011
(54) Color image forming apparatus
(73) Canon Kabushiki Kaisha
(72) Uchiyama, Takehiro
Ohkubo, Takateru
Watanabe, Kenji
Iida, Kenichi
Sako, Toshiaki
Hagiwara, Hiroshi
Kumada, Hiromitsu
(31) 2010149479
2011095104
(32) 30.06.2010
21.04.2011
(33) Japan
Japan
-
- (51) G03G 15/00

G03G 21/04	(54) TONER CLEANING SHEET AND METHOD FOR MANUFACTURING SAME	(11) EP3273302
(11) EP2202585	(73) Toray Industries, Inc.	(21) EP17180098.0
(21) EP09252872.8	(72) NARUKO, Satoshi	(47) 23.01.2019
(47) 23.01.2019	(72) KIMURA, Takashi	(22) 06.07.2017
(22) 22.12.2009	(31) 2013270996	(54) BEAM STEERING BACKLIGHT UNIT AND HOLOGRAPHIC DISPLAY APPARATUS INCLUDING THE SAME
(54) Copier	(32) 27.12.2013	(73) Samsung Electronics Co., Ltd
(73) BROTHER KOGYO KABUSHIKI KAISHA	(33) Japan	(72) KIM, Sunil
(72) Tsuzuki, Toru	(51) G03G 15/20	SONG, Hoon
(31) 2008328617	G03G 21/00	LEE, Hongseok
(32) 24.12.2008	(11) EP2871533	AN, Jungkwuen
(33) Japan	(21) EP14190136.3	CHOI, Chilsung
(51) G03G 15/08	(47) 30.01.2019	(31) 20160091437
(11) EP3255498	(22) 23.10.2014	(32) 19.07.2016
(21) EP16205420.9	(54) Cleaning device, fixing device including the cleaning device, and image forming apparatus including the fixing device	(33) Korea (Republic)
(47) 30.01.2019	(73) Ricoh Company Ltd.	(51) G04B 17/06
(22) 20.12.2016	(72) Saitoh, Seiji	G04B 17/26
(54) TONER CONTAINER, IMAGE FORMING APPARATUS	(31) 2013230322	(11) EP3084529
(73) Kyocera Document Solutions Inc.	(32) 06.11.2013	(21) EP14800048.2
(72) MIMURA, Daisuke	(33) Japan	(47) 30.01.2019
(31) 2016114516	(51) G03G 15/36	(87) EP2014074976
(32) 08.06.2016	G03G 21/04	25.06.2015
(33) Japan	(11) EP2546702	(22) 19.11.2014
(51) G03G 15/08	(21) EP12174317.3	(54) HAIRSPRING WITH DEVICE TO PREVENT COILS FROM MOVING CLOSE TOGETHER
G03G 15/00	(47) 23.01.2019	(73) ETA SA Manufacture Horlogère Suisse
(11) EP3190465	(22) 29.06.2012	(72) CONUS, Thierry
(21) EP15837637.6	(54) Image forming apparatus, image processing method, and software program	HELFER, Jean-Luc
(47) 23.01.2019	(73) Ricoh Company, Ltd.	CABEZAS JURIN, Andrés
(87) JP2015071484	(72) Takahashi Satoshi	GASSER, Patrick
10.03.2016	(31) 2011156898	(31) 13197321
(22) 29.07.2015	(32) 15.07.2011	(32) 16.12.2013
(54) ELASTIC MEMBER	(33) Japan	(33) European Patent Office (EPO)
(73) Bridgestone Corporation	(51) G03G 21/16	(51) G04B 17/06
(72) ONIKI Yoshihiko	B41J 11/00	G04B 17/34
(31) 2014177874	G03G 15/01	F16F 1/04
(32) 02.09.2014	(11) EP2743780	(11) EP3214506
(33) Japan	(21) EP13178426.6	(21) EP16158809.0
(51) G03G 15/08	(47) 23.01.2019	(47) 30.01.2019
G03G 21/18	(22) 29.07.2013	(22) 04.03.2016
(11) EP2746859	(54) Image forming apparatus including a device for removing jam, and method of removing jam	(54) COMPACT HAIRSPRING WITH CONSTANT DOUBLE CROSS-SECTION
(21) EP13177300.4	(73) HP Printing Korea Co., Ltd.	(73) ETA SA Manufacture Horlogère Suisse
(47) 23.01.2019	(72) Park, Jeong-yeon	(72) Helfer, Jean-Luc
(22) 19.07.2013	Ahn, Byung-sun	Cosandier, Yves-Alain
(54) CRUM chip and image forming device for authentication and communication, and methods thereof	(31) 20120144674	(51) G04B 17/28
(73) HP Printing Korea Co., Ltd.	(32) 12.12.2012	G04B 17/06
(72) Lee, Jae-yoon	(33) Korea (Republic)	G04B 17/04
Woo, Hong-rok	(51) G03G 21/16	(11) EP3206091
(31) 20120152433	G03G 21/18	(21) EP17152205.5
20130048712	(11) EP2741147	(47) 23.01.2019
(32) 24.12.2012	(21) EP13195319.2	(22) 03.02.2015
30.04.2013	(47) 23.01.2019	(54) ISOCHRONOUS CLOCK RESONATOR
(33) Korea (Republic)	(22) 02.12.2013	(73) ETA SA Manufacture Horlogère Suisse
Korea (Republic)	(54) Support unit and image forming apparatus	(72) Winkler, Pascal
(51) G03G 15/20	(73) Kyocera Document Solutions Inc.	HELFER, Jean-Luc
D21H 11/00	(72) Fujii, Hirokazu	Di Domenico, Gianni
D21H 13/20	(31) 2012266268	Conus, Thierry
G03G 21/00	(32) 05.12.2012	(51) G04B 19/02
D21H 13/12	(33) Japan	G04B 33/06
D04H 3/009	(51) G03H 1/02	G04B 35/00
D04H 3/14	G02B 27/01	G04C 3/00
(11) EP3088966	G03H 1/22	(11) EP3223084
(21) EP14873883.4		(21) EP17160287.3
(47) 30.01.2019		(47) 30.01.2019
(87) JP2014084026		(22) 13.04.2016
02.07.2015		
(22) 24.12.2014		

(54) DISPLAY MECHANISM FOR A WATCH	(73) Nivarox-FAR S.A.	Jones, Ian David Wynne
(73) ETA SA Manufacture Horlogère Suisse	(72) CUSIN, Pierre	(31) 201161561089 P
(72) Balmer, Raphaël	BAZIN, Jean-Luc	(32) 17.11.2011
Lagorgette, Pascal	(31) 14171018	(33) United States of America
(31) 15201458	(32) 03.06.2014	(51) G05B 19/042
(32) 21.12.2015	(33) European Patent Office (EPO)	G05B 19/05
(33) European Patent Office (EPO)	(51) G04F 5/14	G06F 13/40
(51) G04B 31/04	G02F 1/035	H05K 7/14
G04B 31/02	(11) EP3120200	G06F 13/38
(11) EP3246764	(21) EP15765855.0	(11) EP2869146
(21) EP17167110.0	(47) 23.01.2019	(21) EP14190763.4
(47) 23.01.2019	(87) US2015021274	(47) 30.01.2019
(22) 19.04.2017	24.09.2015	(22) 28.10.2014
(54) SHOCK-ABSORBER DEVICE FOR A CLOCK MOVEMENT	(22) 18.03.2015	(54) I/O module
(73) Montres Breguet S.A.	(54) OPTICAL ATOMIC CLOCK	(73) Yokogawa Electric Corporation
(72) LENOIR, Deirdré	(73) Oewaves, Inc.	(72) Tanimura, Kazunori
SARCHI, Davide	(72) LIANG, Wei	Watanabe, Ikutomo
LÈGERET, Benoît	MATSKO, Andrey	Tamba, Mamoru
(31) 16170213	MALEKI, Lute	Ema, Nobuaki
(32) 18.05.2016	ELIYAHU, Danny	Matsuda, Takaaki
(33) European Patent Office (EPO)	ILCHENKO, Vladimir	(31) 2013226263
(51) G04C 5/00	SAVCHENKOV, Anatoliy	(32) 31.10.2013
G04B 15/08	(31) 201461955701 P	(33) Japan
(11) EP2894522	(32) 19.03.2014	(51) G05B 19/05
(21) EP14186262.3	(33) United States of America	G06F 13/00
(47) 30.01.2019	(51) G04R 20/02	H04L 12/44
(22) 24.09.2014	G04G 5/00	G05B 15/02
(54) Optimised escapement with security system	(11) EP2874026	G05B 19/042
(73) Nivarox-FAR S.A.	(21) EP13816317.5	G05B 6/02
(72) Stranczl, Marc	(47) 30.01.2019	H04L 29/12
Di Domenico, Gianni	(87) JP2013068907	H04L 12/701
Winkler, Pascal	16.01.2014	(11) EP2672347
(31) 13199427	(22) 10.07.2013	(21) EP11860855.3
14176816	(54) SATELLITE RADIO-WAVE	(47) 23.01.2019
(32) 23.12.2013	WRISTWATCH	(87) JP2011073813
11.07.2014	(73) Citizen Watch Co., Ltd.	20.09.2012
(33) European Patent Office (EPO)	(72) KATO, Akira	(22) 17.10.2011
European Patent Office (EPO)	(31) 2012155972	(54) CONTROL SYSTEM, OPERATION
(51) G04C 17/00	(32) 11.07.2012	TERMINAL, AND PROGRAM
G04B 19/247	(33) Japan	(73) Omron Corporation
(11) EP3152626	(51) G05B 9/03	(72) OKAMURA, Kotaro
(21) EP15710526.3	G05B 23/02	NAGATA Yuta
(47) 30.01.2019	(11) EP1953614	(31) 2011056377
(87) EP2015055763	(21) EP08100793.2	(32) 15.03.2011
08.10.2015	(47) 23.01.2019	(33) Japan
(22) 19.03.2015	(22) 23.01.2008	(51) G05B 19/05
(54) ELECTRONIC CLOCK MOVEMENT	(54) Method of monitoring aircraft engines	G07C 3/08
COMPRISING AN ANALOG DISPLAY OF SEVERAL ITEMS OF INFORMATION	(73) Safran Aircraft Engines	(11) EP3043222
(73) ETA SA Manufacture Horlogère Suisse	(72) Ausloos, Alexandre	(21) EP16158110.3
(72) LAGORGETTE, Pascal	Benitah, Jonathan	(47) 23.01.2019
ZANESCO, Vittorio	Maka, Olivier	(22) 04.04.2013
GRUENIG, Daniel	Masse, Jean-Rémi	(54) ANALYSIS SYSTEM FOR MEASURING
(31) 14163345	(31) 0700642	AND ANALYZING INDUSTRIAL
(32) 03.04.2014	(32) 30.01.2007	MACHINERY OR INSTALLATIONS
(33) European Patent Office (EPO)	(33) France	(73) Robert Bosch GmbH
(51) G04D 3/00	(51) G05B 19/042	(72) Toloczyki, Johannes
G04B 1/14	G05B 9/03	(31) 102012011405
G04B 31/004	(11) EP2595018	(32) 08.06.2012
(11) EP3152627	(21) EP12153371.5	(33) Germany
(21) EP15725018.4	(47) 23.01.2019	(51) G05B 19/416
(87) EP2015061774	(22) 31.01.2012	H02P 29/20
10.12.2015	(54) Method and apparatus for analogue output	(11) EP3176661
(22) 28.05.2015	current control	(21) EP16200740.5
(54) TIMEPIECE COMPONENT MADE FROM WELDED MATERIALS	(73) Rockwell Automation Limited	(47) 23.01.2019
	(72) Creech, Gerald R.	(22) 25.11.2016
	Maegher, Thomas Bruce	(54) PROFILE GENERATION APPARATUS,
	Agar, Philip J.	CONTROL METHOD FOR PROFILE
	Murrell, Shelby Adam	

GENERATION APPARATUS, CONTROL PROGRAM, AND STORAGE MEDIUM	ANTICIPATE FAILURES OF PLANT INSTRUMENTATION	(54) AUTONOMOUS MOVING MACHINE SYSTEM
(73) OMRON CORPORATION	(73) Petroliaam Nasional Berhad (Petronas)	(73) Panasonic Intellectual Property Corporation of America
(72) KOGA, Tatsuya	(72) MD SANI, Mohad Azrin Bin	(72) HARADA, Naoyuki
(31) 2015235082	(31) PI20095691	(31) 2016074458
(32) 01.12.2015	(32) 31.12.2009	2016225453
(33) Japan	(33) Malaysia	(32) 01.04.2016
(51) G05B 19/418	(51) G05B 23/02	18.11.2016
B25J 9/16	G05B 19/042	(33) Japan
(11) EP3171236	G06F 9/445	Japan
(21) EP16198805.0	G06F 12/02	(51) G05D 1/08
(47) 23.01.2019	G06F 11/34	B64C 27/22
(22) 15.11.2016	(11) EP2752723	(11) EP3252560
(54) SIMULATOR, SIMULATION METHOD, AND SIMULATION PROGRAM	(21) EP12828799.2	(21) EP17175676.0
(73) OMRON CORPORATION	(47) 23.01.2019	(47) 30.01.2019
(72) SAKAGUCHI, Yasunori	(87) JP2012070989	(22) 26.10.2012
SHIMAKAWA, Haruna	07.03.2013	(54) METHOD OF ASSISTED PILOTING OF A ROTARY WING AIRCRAFT HAVING AT LEAST ONE PROPULSION PROPELLER, AN ASSISTED PILOTING DEVICE, AND AN AIRCRAFT
OHNUKI, Katsushige	(22) 20.08.2012	(73) Airbus Helicopters
DOI, Yuichi	(54) FIELD APPARATUS	(72) SALESSE-LAVERGNE, Marc
(31) 2015225782	(73) Yokogawa Electric Corporation	QUEIRAS, Nicolas
(32) 18.11.2015	(72) OCHIAI Satoru	EGLIN, Paul
(33) Japan	(31) 2011191564	(31) 1103561
(51) G05B 23/02	(32) 02.09.2011	(32) 23.11.2011
(11) EP3172632	(33) Japan	(33) France
(21) EP15762728.2	(51) G05B 23/02	(51) G05D 1/12
(47) 23.01.2019	G06Q 10/00	G06T 7/80
(87) IB2015055581	G01M 13/04	G01C 25/00
28.01.2016	(11) EP3123259	(11) EP3158412
(22) 23.07.2015	(21) EP14725613.5	(21) EP15871314.9
(54) METHOD FOR DETECTING ANOMALIES IN A DISTRIBUTION NETWORK, IN PARTICULAR A WATER DISTRIBUTION NETWORK	(47) 30.01.2019	(47) 23.01.2019
(73) SUEZ Groupe	(87) DE2014200142	(87) CN2015079639
(72) JARRIGE, Pierre-Antoine	01.10.2015	01.12.2016
GANCEL, Guillaume	(22) 26.03.2014	(22) 23.05.2015
CAMPAN, Francis	(54) METHOD AND SYSTEM FOR MONITORING THE FUNCTION OF A LUBRICATED MACHINE ELEMENT	(54) SENSOR FUSION USING INERTIAL AND IMAGE SENSORS
(31) 1457222	(73) Schaeffler Technologies AG & Co. KG	(73) The Hong Kong University of Science and Technology
(32) 25.07.2014	(72) HOLWEGGER, Walter	SZ DJI Technology Co., Ltd.
(33) France	WOLF, Marcus	(72) ZHAO, Kaiyong
(51) G05B 23/02	GOß, Matthias	SHEN, Shaojie
F01K 13/00	(51) G05D 1/02	LIN, Yi
F16T 1/48	(11) EP3161572	LIU, Tianbo
G06Q 10/00	(21) EP15762777.9	LING, Yonggen
G06Q 10/06	(47) 23.01.2019	YANG, Zhenfei
(11) EP3226092	(87) NZ2015050078	(51) G05D 7/06
(21) EP15862555.8	30.12.2015	(11) EP3105647
(47) 30.01.2019	(22) 25.06.2015	(21) EP15748793.5
(87) JP2015079306	(54) LOST VEHICLE RECOVERY UTILIZING ASSOCIATED FEATURE PAIRS	(47) 23.01.2019
02.06.2016	(73) Crown Equipment Corporation	(87) US2015012851
(22) 16.10.2015	(72) CHANDRASEKAR, Kashyap	20.08.2015
(54) DEVICE MANAGEMENT SYSTEM	ESTEP, Ryan	(22) 26.01.2015
(73) TLV Co., Ltd.	WALTZ, Lucas B.	(54) SYSTEM FOR AND METHOD OF PROVIDING PRESSURE INSENSITIVE SELF VERIFYING MASS FLOW CONTROLLER
(72) TANAKA, Yoshiaki	THOMSON, Jacob Jay	(73) MKS Instruments, Inc.
(31) 2014238939	(31) 201462018094 P	(72) DING, Junhua
(32) 26.11.2014	(32) 27.06.2014	L'BASSI, Michael
(33) Japan	(33) United States of America	(31) 201414180063
(51) G05B 23/02	(51) G05D 1/02	(32) 13.02.2014
G01D 3/08	G01C 21/26	(33) United States of America
(11) EP2519895	B64C 39/02	(51) G05D 16/06
(21) EP10841338.6	G01S 19/24	G05D 16/10
(47) 23.01.2019	G05B 19/048	
(87) MY2010000331	G05D 1/00	
07.07.2011	G05D 1/10	
(22) 29.12.2010	(11) EP3226093	
(54) METHOD AND APPARATUS FOR MONITORING PERFORMANCE AND	(21) EP17162463.8	
	(47) 30.01.2019	
	(22) 23.03.2017	

- F15B 13/04
(11) EP3226097
(21) EP17159910.3
(47) 30.01.2019
(22) 08.03.2017
(54) AXIAL VALVE FOR CONTROLLING THE DIFFERENTIAL PRESSURE BETWEEN A DELIVERY BRANCH AND A RETURN BRANCH OF A HYDRAULIC CIRCUIT
(73) WATTS INDUSTRIES ITALIA S.r.l.
(72) CUCCINIELLO, Alfredo Marco
(31) UA20161642
(32) 14.03.2016
(33) Italy
-
- (51) G05D 21/00
G05D 21/02
(11) EP2769276
(21) EP12783166.7
(47) 23.01.2019
(87) EP2012070832
25.04.2013
(22) 21.10.2012
(54) DEVICE AND METHOD FOR CONTROLLING, ANALYZING AND MANAGING PHASES OF CONSERVATION AND/OR PROCESSING OF FOOD IN A MOBILE OR FIXED CLOSED SPACE
(73) Cuomo, Alessandro
(72) Cuomo, Alessandro
(31) MI20111902
CS20120036
(32) 20.10.2011
20.10.2012
(33) Italy
Italy
-
- (51) G05F 1/56
(11) EP2849020
(21) EP13392004.1
(47) 23.01.2019
(22) 13.09.2013
(54) A dual mode low dropout voltage regulator
(73) Dialog Semiconductor GmbH
(72) Ambreesh, Bhattad
-
- (51) G05F 3/26
G05F 3/30
(11) EP2930583
(21) EP15160418.8
(47) 30.01.2019
(22) 23.03.2015
(54) CIRCUIT FOR GENERATING A REFERENCE VOLTAGE
(73) STMicroelectronics SA
STMicroelectronics Pvt. Ltd.
(72) Blanc, Jean-Pierre
Singh, Pratap Narayan
(31) 1453014
(32) 04.04.2014
(33) France
-
- (51) G05G 1/01
E02F 9/16
E02F 9/20
G05G 9/047
B25J 13/02
E02F 3/96
E02F 3/30
(11) EP3048505
- (21) EP14845704.7
(47) 30.01.2019
(87) JP2014074726
26.03.2015
(22) 18.09.2014
(54) DEVICE FOR OPERATING THE DOUBLE ARM OF A WORKING MACHINE
(73) Hitachi Construction Machinery Co., Ltd.
(72) ISHII Akinori
HANAKAWA Kazuyoshi
TOMITA Kunitsugu
(31) 2013193500
(32) 18.09.2013
(33) Japan
-
- (51) G05G 1/08
(11) EP2980672
(21) EP15178094.7
(47) 30.01.2019
(22) 23.07.2015
(54) SUBMERSIBLE OPERATING ELEMENT FOR A DOMESTIC APPLIANCE WITH A TWO-PART CONTROL ELEMENT HEAD HOLDER
(73) BSH Hausgeräte GmbH
(72) Fleissner, Reinhard
Gerl, Markus
(31) 102014214835
(32) 29.07.2014
(33) Germany
-
- (51) G05G 1/12
F24C 3/12
(11) EP3032370
(21) EP15169763.8
(47) 30.01.2019
(22) 29.05.2015
(54) HOUSE DEVICE CONTROL ASSEMBLY, GAS VALVE AND COOKER
(73) BSH Hausgeräte GmbH
(72) Abascal Carrera, Luis Alberto
Beivide Sansegundo, Nuria
Ruiloba Franco, Manuel Alejandro
(31) 201430966
(32) 25.06.2014
(33) Spain
-
- (51) G06F 1/035
G06F 7/556
G06F 7/552
(11) EP1884859
(21) EP07111660.2
(47) 23.01.2019
(22) 03.07.2007
(54) Single datapath floating point implementation of RCP, SQRT, EXP and LOG functions and a low latency RCP based on the same techniques
(73) Vivante Corporation
(72) Cai, Mike M.
Zhong, Lefan
(31) 493714
(32) 25.07.2006
(33) United States of America
-
- (51) G06F 1/10
H03K 19/0175
G06F 1/32
(11) EP3062188
(21) EP16163996.8
(47) 30.01.2019
(22) 14.12.2011
- (54) MULTI-SUPPLY SEQUENTIAL LOGIC UNIT
(73) Intel Corporation
(72) Raychowdhury, Arijit
Kulkarni, Jaydeep
TSCHANZ, James W.
-
- (51) G06F 1/16
(11) EP2693295
(21) EP13174285.0
(47) 23.01.2019
(22) 28.06.2013
(54) HINGE DEVICE AND ELECTRONIC APPARATUS USING THAT HINGE DEVICE
(73) FUJITSU LIMITED
(72) TANAKA, Kaigo
(31) 2012169585
(32) 31.07.2012
(33) Japan
-
- (51) G06F 1/16
G06F 11/32
G06F 3/06
G11B 33/02
(11) EP2435889
(21) EP10780918.8
(47) 30.01.2019
(87) US2010001504
02.12.2010
(22) 21.05.2010
(54) DISPLAY FOR INFORMATION STORAGE MODULE
(73) Tandberg Data Corporation
(72) ZACZEK, Thomas, Edward
MUNRO, Frederick, Graves
STIGER, Jamie, Mark
BUGGLE, McClain, Marshall
DUNPHY, William, Edward
(31) 473913
(32) 28.05.2009
(33) United States of America
-
- (51) G06F 1/16
H05B 37/02
(11) EP3338160
(21) EP17787879.0
(47) 23.01.2019
(87) EP2017074189
05.04.2018
(22) 25.09.2017
(54) LIGHT CONTROL CONSOLE HAVING AN ADJUSTABLY MOUNTED SCREEN HOUSING
(73) MA Lighting Technology GmbH
(72) ADENAU, Michael
(31) 102016118597
(32) 30.09.2016
(33) Germany
-
- (51) G06F 1/18
(11) EP3306440
(21) EP17191359.3
(47) 23.01.2019
(22) 15.09.2017
(54) INTERFACE CARD FIXING DEVICE AND MAIN BOARD MODULE
(73) Giga-Byte Technology Co., Ltd.
(72) LAI, Chih-Ming
KAO, Yung-Shun
CHIANG, Chung-Wei
(31) 105132312

(32) 06.10.2016	(72) Iwasa, Keisuke	FOR DISPLAYING USER INTERFACE
(33) Taiwan, Province of China	Nagata, Tadashi	OF MEDIA SIGNAL, AND APPARATUS
(51) G06F 1/20	Masuyama, Yoh	FOR IMPLEMENTING THE SAME,
H05K 7/20	(31) 2013095463	APPARATUS FOR PROCESSING MIX
(11) EP2422258	(32) 30.04.2013	SIGNAL AND METHOD THEREOF
(21) EP10767490.5	(33) Japan	(73) LG Electronics Inc.
(47) 30.01.2019	(51) G06F 1/32	(72) PARK, Sung Ho
(87) US2010029356	G06K 9/00	IM, Kyeong Su
28.10.2010	G06N 3/08	(31) 868307 P
(22) 31.03.2010	(11) EP2891054	868308 P
(54) COLD ROW ENCAPSULATION FOR	(21) EP13833680.5	20070063206
SERVER FARM COOLING SYSTEM	(47) 30.01.2019	20070063303
(73) Excalibur IP, LLC	(87) US2013055434	20070063304
(72) NOTEBOOM, Scott	06.03.2014	(32) 01.12.2006
ROBISON, Albert, Dell	(22) 16.08.2013	01.12.2006
SUAREZ, Jesus	(54) METHODS AND SYSTEMS FOR POWER	26.06.2007
(31) 427655	MANAGEMENT IN A PATTERN	26.06.2007
(32) 21.04.2009	RECOGNITION PROCESSING SYSTEM	26.06.2007
(33) United States of America	(73) Micron Technology, Inc.	(33) United States of America
(51) G06F 1/26	(72) NOYES, Harold B	United States of America
G06F 1/28	(31) 201213601621	Korea (Republic)
(11) EP2324406	(32) 31.08.2012	Korea (Republic)
(21) EP09759238.0	(33) United States of America	Korea (Republic)
(47) 30.01.2019	(51) G06F 3/01	(51) G06F 3/01
(87) US2009045963	(11) EP2191397	G06F 3/038
10.12.2009	(21) EP08827702.5	(11) EP2824541
(22) 02.06.2009	(47) 23.01.2019	(21) EP14176537.0
(54) METHOD AND APPARATUS FOR	(87) US2008073671	(47) 30.01.2019
MONITORING THE PERFORMANCE	26.02.2009	(22) 10.07.2014
OF A POWER DELIVERY CONTROL	(22) 20.08.2008	(54) Method and apparatus for connecting devices
SYSTEM	(54) ENHANCED REJECTION OF OUT-OF-	using eye tracking
(73) ABB Schweiz AG	VOCABULARY WORDS	(73) Samsung Electronics Co., Ltd
(72) VETTER, Claus	(73) Qualcomm Incorporated	(72) Cho, Chihyun
SINCERBOX, Chris	(72) SHAMAIE, Atid	Lee, Kyunghee
MCDANIEL, David	MACDOUGALL, Francis	Park, Kenhyung
SHARER, Karlene	(31) 956784 P	Heo, Changryong
(31) 58207	956776 P	(31) 20130081901
(32) 02.06.2008	(32) 20.08.2007	(32) 12.07.2013
(33) United States of America	20.08.2007	(33) Korea (Republic)
(51) G06F 1/30	(33) United States of America	(51) G06F 3/01
G06F 1/26	United States of America	G06F 3/041
(11) EP2625586	(51) G06F 3/01	(11) EP2923251
(21) EP11771327.1	(11) EP2876527	(21) EP13780438.1
(47) 23.01.2019	(21) EP14194311.8	(47) 23.01.2019
(87) US2011054005	(47) 30.01.2019	(87) US2013063042
12.04.2012	(22) 21.11.2014	30.05.2014
(22) 29.09.2011	(54) Dual stiffness suspension system	(22) 02.10.2013
(54) REMOTE ACCESS APPLIANCE WITH	(73) Immersion Corporation	(54) SYSTEM AND METHOD
BACKUP POWER SYSTEM	(72) Redelsheimer, Elena	FOR PROVIDING MODE OR
(73) Avocent Huntsville, LLC	Parker, Daniel	STATE AWARENESS USING A
(72) HAMMOND, Russell C.	Jones, Trevor	PROGRAMMABLE SURFACE TEXTURE
JOHNSON, Timothy A.	Imoto, Kohei	(73) Immersion Corporation
(31) 201161488644 P	(31) 201314089363	(72) LEVESQUE, Vincent
389616 P	(32) 25.11.2013	BIRNBAUM, David M.
(32) 20.05.2011	(33) United States of America	CRUZ-HERNANDEZ, Juan Manuel
04.10.2010	(51) G06F 3/01	WEDDLE, Amaya
(33) United States of America	G06F 3/033	(31) 201261728665 P
United States of America	H04S 7/00	201261728661 P
(51) G06F 1/32	G10H 1/36	201261728727 P
G06F 9/44	G10H 1/46	201313830125
(11) EP2799952	(11) EP2092409	(32) 20.11.2012
(21) EP14164834.5	(21) EP07851189.6	20.11.2012
(47) 30.01.2019	(47) 30.01.2019	20.11.2012
(22) 16.04.2014	(87) KR2007006198	14.03.2013
(54) Information processing system, information	05.06.2008	(33) United States of America
processing apparatus and start up control	(22) 03.12.2007	United States of America
method	(54) APPARATUS AND METHOD FOR	United States of America
(73) Ricoh Company, Ltd.	INPUTTING A COMMAND, METHOD	United States of America

(51) G06F 3/01 G06F 3/041	G01S 5/02 H04N 5/445	G06F 3/03 G06F 3/038 G06F 3/0354 G06F 3/0346
(11) EP2879019	(11) EP1692863	(11) EP2538307
(21) EP13195259.0	(21) EP04805215.3	(21) EP12170295.5
(47) 23.01.2019	(47) 23.01.2019	(47) 23.01.2019
(22) 02.12.2013	(87) FI2004050184 23.06.2005	(22) 31.05.2012
(54) Dynamic hardware controls with haptic and visual feedback	(22) 10.12.2004	(54) Electronic terminal, input correction method, and program
(73) Sony Corporation	(54) DEVICE, SYSTEM, METHOD AND COMPUTER SOFTWARE PRODUCT FOR DISPLAYING ADDITIONAL INFORMATION IN ASSOCIATION WITH THE IMAGE OF AN OBJECT	(73) Sony Mobile Communications Inc.
(72) Johansson, Magnus Hunt, Alexander	(73) Nokia Technologies Oy	(72) Takatsuka, Susumu
(51) G06F 3/01 G06F 3/041	(72) VÄHÄ-SIPILÄ, Antti	(31) 201161498805 P
(11) EP3059657	(31) 20035236	(32) 20.06.2011
(21) EP14853751.7	(32) 12.12.2003	(33) United States of America
(47) 30.01.2019	(33) Finland	(51) G06F 3/033
(87) JP2014004031 23.04.2015	(51) G06F 3/01	G06F 3/041
(22) 31.07.2014	H04M 19/04	G01M 1/12
(54) INPUT APPARATUS AND ELECTRONIC DEVICE PROVIDED THEREWITH	G06F 3/041	G01G 19/44
(73) Sony Corporation	(11) EP2463752	A63F 13/214
(72) KAWAGUCHI, Hiroto	(21) EP12158801.6	A63F 13/22
KODATE, Manabu	(47) 23.01.2019	A63F 13/218
EBIHARA, Munetake	(22) 04.02.2008	G01G 23/18
IZUMI, Sayaka	(54) Haptic feedback system with stored effects	G01G 23/16
(31) 2013215507	(73) Immersion Corporation	A63F 13/98
(32) 16.10.2013	(72) Lacroix, Robert A.	(11) EP2237132
(33) Japan	Gregorio, Pedro	(21) EP09169741.7
(51) G06F 3/01	Tierling, Kollin M.	(47) 23.01.2019
G06F 3/048	(31) 890690 P	(22) 08.09.2009
G06F 3/0488	748219	(54) Input method for detecting the gravity center position of the user and corresponding information processing apparatus
G09B 21/00	(32) 20.02.2007	(73) Nintendo Co., Ltd.
(11) EP2243065	14.05.2007	(72) Takayama, Takahiro
(21) EP08786015.1	(33) United States of America	(31) 2009083305
(47) 23.01.2019	United States of America	(32) 30.03.2009
(87) EP2008058957 23.07.2009	(51) G06F 3/023	(33) Japan
(22) 10.07.2008	G06F 3/0482	(51) G06F 3/041
(54) IMAGE SENSE	G01C 21/36	G02F 1/1333
(73) SONY MOBILE COMMUNICATIONS INC.	(11) EP2461229	G06F 1/16
(72) AGEVIK, Markus	(21) EP11185351.1	G06F 1/18
HANSSON, Anders	(47) 23.01.2019	H05K 9/00
(31) 14358	(22) 17.10.2011	(11) EP3168723
(32) 15.01.2008	(54) Searching device, searching method and computer-readable storage medium	(21) EP16198409.1
(33) United States of America	(73) AISIN AW CO., LTD.	(47) 23.01.2019
(51) G06F 3/01	(72) Hosotani, Nobuhiro	(22) 11.11.2016
G06F 3/0488	(31) 2010268477	(54) ELECTROSTATIC CHARGE GROUNDING FOR HUMAN MACHINE INTERFACE EQUIPMENT
(11) EP2806339	(32) 01.12.2010	(73) Rockwell Automation Technologies, Inc.
(21) EP14169394.5	(33) Japan	(72) HEIDEBRECHT, Thomas L.
(47) 30.01.2019	(51) G06F 3/033	VAN HECKE, John H.
(22) 22.05.2014	(11) EP1792268	SUTTON, Michael A.
(54) Method and apparatus for displaying a picture on a portable device	(21) EP05781622.5	GOLDEN, Diane E.
(73) Samsung Electronics Co., Ltd	(47) 30.01.2019	(31) 201514938085
(72) Bae, Daewoong	(87) IB2005052922 16.03.2006	(32) 11.11.2015
Ko, Kwanghyun	(22) 08.09.2005	(33) United States of America
Park, Yonghak	(54) APPARATUS FOR ENABLING TO CONTROL AT LEAST ONE MEDIA DATA PROCESSING DEVICE, AND METHOD THEREOF	(51) G06F 3/041
(31) 20130059106	(73) Koninklijke Philips N.V.	G06F 3/044
20130096788	(72) VAN VUGT, Henry	(11) EP3026532
(32) 24.05.2013	(31) 04104383	(21) EP14829431.7
14.08.2013	(32) 10.09.2004	(47) 30.01.2019
(33) Korea (Republic)	(33) European Patent Office (EPO)	(87) JP2014003793 29.01.2015
Korea (Republic)	(51) G06F 3/033	(22) 17.07.2014
(51) G06T 19/00	G06F 1/16	(54) DETECTION METHOD USING CAPACITIVE SENSOR, AND ELECTRONIC DEVICE
G01C 21/20		

(73) Panasonic Intellectual Property Management Co., Ltd.	(73) Google LLC	(33) Japan
(72) BESSHI, Takuma	(72) TENUTA, Matthew Dominic	(51) G06F 3/048
(31) 2013153467	(31) 201261709388 P	(11) EP2249240
(32) 24.07.2013	201213709931	(21) EP10004531.9
(33) Japan	(32) 04.10.2012	(47) 23.01.2019
(51) G06F 3/041	10.12.2012	(22) 29.04.2010
G06F 3/044	(33) United States of America	(54) Mobile terminal capable of recognizing
G06F 3/0354	United States of America	finger nail touch and method of controlling
(11) EP3230838	(51) G06F 3/044	the operation thereof
(21) EP15823220.7	(11) EP2950191	(73) LG ELECTRONICS INC.
(47) 30.01.2019	(21) EP15169399.1	(72) Kim, Jong Hwan
(87) US2015063558	(47) 30.01.2019	Yoo, Seung Hwan
16.06.2016	(22) 27.05.2015	Kim, Doo Hwan
(22) 03.12.2015	(54) TOUCH SCREEN CONTROL METHOD	Kim, Mi Jung
(54) ACTIVE STYLUS SYNCHRONIZATION	AND DEVICE	Lim, Soo Chul
(73) Microsoft Technology Licensing, LLC	(73) Xiaomi Inc.	Lee, Young Sun
(72) WESTHUES, Jonathan	(72) Yang, Kun	Lee, Eun Sang
QIAO, Tianzhu	Zhang, Bo	(31) 20090037766
(31) 201414569544	Xiao, Xiang	20090059700
(32) 12.12.2014	(31) 201410238770	20090094365
(33) United States of America	(32) 30.05.2014	20090101904
(51) G06F 3/042	(33) China	(32) 29.04.2009
F21V 8/00	(51) G06F 3/044	01.07.2009
(11) EP2764426	(11) EP3230842	05.10.2009
(21) EP12830234.6	(21) EP15816949.0	26.10.2009
(47) 23.01.2019	(47) 30.01.2019	(33) Korea (Republic)
(87) SE2012050939	(87) US2015062880	Korea (Republic)
14.03.2013	16.06.2016	Korea (Republic)
(22) 05.09.2012	(22) 30.11.2015	Korea (Republic)
(54) LIGHT COUPLING STRUCTURES FOR	(54) MESH ELECTRODE MATRIX HAVING	(51) G06F 3/048
OPTICAL TOUCH PANELS	FINITE REPEAT LENGTH	E21B 44/00
(73) FlatFrog Laboratories AB	(73) Microsoft Technology Licensing, LLC	E21B 47/00
(72) CRAVEN-BARTLE, Thomas	(72) DONNELLY, Sean M.	G06F 17/50
(31) 1150810	(31) 201414569502	E21B 21/00
201161532655 P	(32) 12.12.2014	(11) EP3100146
(32) 09.09.2011	(33) United States of America	(21) EP14880578.1
09.09.2011	(51) G06F 3/044	(47) 30.01.2019
(33) Sweden	B01L 3/00	(87) US2014013855
United States of America	A61B 5/145	06.08.2015
(51) G06F 3/043	(11) EP2649507	(22) 30.01.2014
G06F 3/048	(21) EP11794476.9	(54) DEPTH RANGE MANAGER FOR DRILL
G06F 3/01	(47) 30.01.2019	STRING ANALYSIS
G06F 3/041	(87) EP2011072302	(73) Landmark Graphics Corporation
(11) EP2452258	14.06.2012	(72) WISE, Matthew Edwin
(21) EP10728861.5	(22) 09.12.2011	(51) G06F 3/048
(47) 23.01.2019	(54) MICRO-FLUIDIC DEVICE FOR THE	G09G 5/34
(87) GB2010001215	ANALYSIS OF A FLUID SAMPLE	G09G 5/36
13.01.2011	(73) Qloudlab SA	(11) EP2141578
(22) 21.06.2010	(72) QUEVAL, Arthur	(21) EP07850392.7
(54) CONTROL USING MOVEMENTS	(31) 20542010	(47) 23.01.2019
(73) Elliptic Laboratories AS	(32) 09.12.2010	(87) JP2007073826
(72) DAHL, Tobias	(33) Switzerland	13.11.2008
(31) 0911840	(51) G06F 3/044	(22) 11.12.2007
201005345	G06F 3/041	(54) IMAGE DISPLAY DEVICE, IMAGE
(32) 07.07.2009	G06F 3/0354	DISPLAY METHOD AND INFORMATION
30.03.2010	(11) EP3182259	RECORDING MEDIUM
(33) United Kingdom	(21) EP16202798.1	(73) Sony Interactive Entertainment Inc.
United Kingdom	(47) 30.01.2019	(72) TSUDA, Munetaka
(51) G06F 3/044	(22) 08.12.2016	(31) 2007113772
(11) EP2888649	(54) TOUCH PANEL, SIGNAL PROCESSING	2007113773
(21) EP13779994.6	DEVICE, AND COUPLING METHOD	(32) 24.04.2007
(47) 23.01.2019	(73) Wacom Co., Ltd.	24.04.2007
(87) US2013063231	(72) Hara, Hideyuki	(33) Japan
10.04.2014	Yamamoto, Sadao	Japan
(22) 03.10.2013	Yamada, Susumu	(51) G06F 3/0481
(54) SENSOR PATTERN FOR A TACTILE	(31) 2015246746	G06F 9/44
INPUT DEVICE	(32) 17.12.2015	G06F 3/0484
		(11) EP2715530

(21) EP11866553.8	(72) FUJIMOTO, Norie	11.03.2013
(47) 23.01.2019	MIYAMOTO, Takanori	11.03.2013
(87) US2011055522	HANADA, Naoto	30.08.2013
06.12.2012	DANDOKO, Takushi	(33) United States of America
(22) 09.10.2011	(31) 2016069366	United States of America
(54) APPLICATION NOTIFICATION DISPLAY	2016141754	United States of America
(73) Microsoft Technology Licensing, LLC	(32) 30.03.2016	United States of America
(72) DONAHUE, Tyler J.	19.07.2016	United States of America
MCNEIL, Brian K.	(33) Japan	United States of America
REINIGER, Kiernon S.	Japan	United States of America
ZAMAN, Nazia	(51) G06F 3/0488	United States of America
RAWAT, Anshul	B60K 37/06	United States of America
IVANOVIC, Relja	G06F 3/023	United States of America
(31) 201113118292	(11) EP3347804	United States of America
(32) 27.05.2011	(21) EP16731507.6	(51) G06F 3/0488
(33) United States of America	(47) 23.01.2019	G06F 3/041
(51) G06F 3/0482	(87) EP2016000922	(11) EP2434389
G06F 3/0488	16.03.2017	(21) EP11182641.8
G06F 3/01	(22) 04.06.2016	(47) 23.01.2019
H04L 12/58	(54) OPERATING DEVICE WITH	(22) 23.09.2011
(11) EP2907014	CHARACTER INPUT AND DELETE	(54) Portable electronic device and method of
(21) EP13805650.2	FUNCTION	controlling same
(47) 23.01.2019	(73) Audi AG	(73) BlackBerry Limited
(87) US2013071074	(72) BOUAZIZ, Tahar	2236008 Ontario Inc.
30.05.2014	BÖHM, Franziska	(72) Lazaridis, Mihal
(22) 20.11.2013	(31) 102015011649	Dodge, Danny, Thomas
(54) SYSTEM AND METHOD FOR	(32) 11.09.2015	Lindsay, Donald, James
MANAGING DIGITAL CONTENT ITEMS	(33) Germany	(31) 386219 P
(73) Dropbox, Inc.	(51) G06F 3/0488	(32) 24.09.2010
(72) UNDERWOOD, George Milton	G06F 3/01	(33) United States of America
ARMISTEAD, Elizabeth	G06F 3/0482	(51) G06F 3/0488
BEAUSOLEIL, Sean	G06F 3/0362	G06F 3/042
CANNON, Scott	G04G 21/00	G06T 3/40
CUE, Adam	G04G 21/04	(11) EP2823388
EDWARDS, Darian	H04M 1/725	(21) EP13757307.7
FLORY, Steven	G06F 1/16	(47) 23.01.2019
LUNA, Eleanor	(11) EP2733597	(87) SE2013050197
(31) 201261728626 P	(21) EP13193561.1	12.09.2013
201314056838	(47) 23.01.2019	(22) 07.03.2013
201314056850	(22) 19.11.2013	(54) EFFICIENT TOMOGRAPHIC
(32) 20.11.2012	(54) Transition and interaction model for a	PROCESSING FOR TOUCH
17.10.2013	wearable electronic device	DETERMINATION
17.10.2013	(73) Samsung Electronics Co., Ltd	(73) FlatFrog Laboratories AB
(33) United States of America	(72) Mistry, Pranav	(72) CHRISTIANSSON, Tomas
United States of America	Yao, Lining	BJÖRKLUND, Andreas
United States of America	Snavely, John	OHLSSON, Nicklas
(51) G06F 3/0485	Offenberg, Eva-Maria	(31) 1250219
(11) EP3234755	Huang, Link Chun	201261608740 P
(21) EP15823244.7	Kim, Cathy	(32) 09.03.2012
(47) 30.01.2019	(31) 201261728765 P	09.03.2012
(87) US2015065423	201261728770 P	(33) Sweden
23.06.2016	201261728773 P	United States of America
(22) 14.12.2015	201361773803 P	(51) G06F 3/0488
(54) SCROLLBAR FOR DYNAMIC CONTENT	201361773813 P	G06F 3/048
(73) Microsoft Technology Licensing, LLC	201361773815 P	G06F 1/16
(72) GABRYJELSKI, Henry	201361773817 P	G06F 3/023
(31) 201414570985	201361775688 P	G06F 3/14
(32) 15.12.2014	201361775687 P	G06F 3/02
(33) United States of America	201361775686 P	G09G 5/12
(51) G06F 3/0485	201314015873	G06F 3/01
G06F 3/0488	(32) 20.11.2012	(11) EP3130999
(11) EP3226117	20.11.2012	(21) EP16181866.1
(21) EP17163083.3	20.11.2012	(47) 23.01.2019
(47) 30.01.2019	06.03.2013	(22) 23.01.2015
(22) 27.03.2017	07.03.2013	(54) SYSTEMS, DEVICES, AND METHODS
(54) DISPLAY DEVICE AND DISPLAY	07.03.2013	FOR DYNAMICALLY PROVIDING USER
CONTROL PROGRAM	07.03.2013	INTERFACE CONTROLS AT A TOUCH
(73) Kyocera Document Solutions Inc.	11.03.2013	SCREEN DISPLAY

(73) Apple Inc.	(51) G06F 3/0488	H04L 29/08
(72) BERNSTEIN, Jeffrey Traer KERR, Duncan R. MORRELL, John B. YANG, Lawrence Y. WILSON, Lance	G06F 3/0484 (11) EP2378402 (21) EP09833489.9 (47) 23.01.2019 (87) JP2009071080 24.06.2010	(11) EP2183677 (21) EP08796521.6 (47) 23.01.2019 (87) US2008070955 05.02.2009
(31) 201461930663 P 201562104023 P	(22) 14.12.2009	(22) 24.07.2008
(32) 23.01.2014 15.01.2015	(54) SLIDE BAR DISPLAY CONTROL APPARATUS AND SLIDE BAR DISPLAY CONTROL METHOD	(54) SYSTEM AND METHOD FOR REMOTE ASYNCHRONOUS DATA REPLICATION
(33) United States of America United States of America	(73) NEC Corporation	(73) EMC Corporation
(51) G06F 3/0488 G06F 3/048 G06F 3/01 G06F 3/0485	(72) FUJIBAYASHI, Toshihiko (31) 2008321819 (32) 18.12.2008	(72) BATES, John, W. (31) 952538 P 177976
(11) EP2827236	(33) Japan	(32) 27.07.2007 23.07.2008
(21) EP14173261.0	(51) G06F 3/0488	(33) United States of America United States of America
(47) 30.01.2019	G06F 3/0484	(51) G06F 3/12
(22) 20.06.2014	G06F 9/451	(11) EP2278450
(54) Mobile terminal	H04M 1/725	(21) EP10168645.9
(73) LG Electronics Inc.	(11) EP3131274	(47) 23.01.2019
(72) Lee, Haein Moon, Yoonji Jung, Egun Shin, Yongkyoung Park, Jeehee	(21) EP16173911.5 (47) 23.01.2019 (22) 10.06.2016	(22) 07.07.2010
(31) 20130083051	(54) MOBILE TERMINAL FOR SOLVING A USER ERROR OR TROUBLE AND METHOD OF CONTROLLING THE SAME	(54) Image forming apparatus, image forming system, and image forming method
(32) 15.07.2013	(73) LG Electronics Inc.	(73) Ricoh Company, Ltd.
(33) Korea (Republic)	(72) LEE, Jaehwa KU, Hyerim	(72) Yonezawa, Hozumi Igarashi, Masaaki Gotoh, Hiroshi Yoshizumi, Takeshi Inoue, Osamu
(51) G06F 3/0488 G06F 3/0482 G06F 3/048	(31) 20150114814 (32) 13.08.2015	(31) 2009169192 2010131410
(11) EP3241100	(33) Korea (Republic)	(32) 17.07.2009 08.06.2010
(21) EP15826122.2	(51) G06F 3/0488	(33) Japan Japan
(47) 30.01.2019	H04N 21/485	(51) G06F 3/12
(87) US2015068209 07.07.2016	(11) EP2898402	(11) EP2575029
(22) 31.12.2015	(21) EP13763249.3 (47) 23.01.2019	(21) EP12185863.3
(54) METHOD AND APPARATUS FOR PROCESSING NOTIFICATIONS ON A MOBILE COMPUTING DEVICE	(87) EP2013069254 27.03.2014	(47) 30.01.2019 (22) 25.09.2012
(73) Microsoft Technology Licensing, LLC	(22) 17.09.2013	(54) Printing method, arrangement for realising the printing method and a corresponding computer program and a corresponding computer readable storage medium
(72) QIAO, Wei ZHUANG, Mingming CHEN, Le XUE, Chaomin	(54) CLIENT DEVICE, MONITORING SYSTEM, METHOD FOR DISPLAYING IMAGES ON A SCREEN AND COMPUTER PROGRAM	(73) Cortado AG (72) Mickleit, Carsten (31) 102011054020 (32) 28.09.2011 (33) Germany
(31) PCT/CN2015/070048 201514608808	(73) Robert Bosch GmbH (72) HEIGL, Stephan GOTTSCHLAG, Daniel	(51) G06F 3/12 (11) EP2447825 (21) EP11007696.5 (47) 30.01.2019 (22) 21.09.2011
(32) 04.01.2015 29.01.2015	(31) 102012217151 (32) 24.09.2012	(54) Information processing apparatus, print data processing method therein and storage medium storing program thereof
(33) World Intellectual Property Office (WIPO) United States of America	(33) Germany	(73) Canon Kabushiki Kaisha (72) Tsutsumi, Kensuke (31) 2010244288 (32) 29.10.2010 (33) Japan
(51) G06F 3/0488 G06F 3/0482 G06F 3/0481	(51) G06F 3/06 (11) EP1932073 (21) EP06821118.4 (47) 30.01.2019 (87) IB2006053383 05.04.2007	(51) G06F 3/12 (11) EP2447825 (21) EP11007696.5 (47) 30.01.2019 (22) 21.09.2011
(11) EP2824560	(22) 20.09.2006	(54) Information processing apparatus, print data processing method therein and storage medium storing program thereof
(21) EP14002198.1	(54) APPARATUS AND METHOD FOR STORING DATA	(73) Canon Kabushiki Kaisha (72) Tsutsumi, Kensuke (31) 2010244288 (32) 29.10.2010 (33) Japan
(47) 30.01.2019	(73) Koninklijke Philips N.V.	(51) G06F 3/12 H04N 1/00
(22) 26.06.2014	(72) KELLY, Declan Patrick VAN GASSEL, Jozef P.	(11) EP3287889 (21) EP17187418.3
(54) Mobile terminal and controlling method thereof	(31) 200510108915 (32) 28.09.2005	(47) 30.01.2019
(73) LG Electronics, Inc.	(33) China	
(72) Jeon, Hyunjoo Lee, Suyoung	(51) G06F 3/06 G06F 11/20	
(31) 20130081135 (32) 10.07.2013		
(33) Korea (Republic)		

(22) 23.08.2017	(54) IMPLEMENTATION OF SECURE	G06F 8/654
(54) IMAGE FORMING SYSTEM	COMMUNICATIONS IN A SUPPORT	H04L 12/24
(73) KYOCERA Document Solutions Inc.	SYSTEM	G06F 11/30
(72) OGASAHARA, Okito	(73) Amazon Technologies, Inc.	(11) EP2628092
(31) 2016166244	(72) ROTH, Gregory B.	(21) EP10858513.4
(32) 26.08.2016	CRAHEN, Eric D.	(47) 23.01.2019
(33) Japan	BAER, Graeme D.	(87) US2010052976
(51) G06F 7/02	BRANDWINE, Eric J.	19.04.2012
(11) EP2386080	FITCH, Nathan R.	(22) 16.10.2010
(21) EP09802067.0	(31) 201113248980	(54) DEVICE HARDWARE AGENT
(47) 23.01.2019	(32) 29.09.2011	(73) Hewlett Packard Enterprise Development LP
(87) US2009068273	(33) United States of America	(72) MCGRAW, Montgomery
15.07.2010	(51) G06F 8/61	(51) G06F 8/65
(22) 16.12.2009	G06F 8/65	G06F 9/4401
(54) METHOD AND DEVICE FOR POWER	H04W 88/02	G06F 11/14
CONSUMPTION MANAGEMENT OF A	(11) EP3062224	(11) EP3037968
PATTERN-RECOGNITION PROCESSOR	(21) EP16157722.6	(21) EP15198216.2
(73) Micron Technology, Inc.	(47) 23.01.2019	(47) 30.01.2019
(72) PAWLOWSKI, J., Thomas	(22) 26.02.2016	(22) 07.12.2015
(31) 350142	(54) SYSTEM AND METHOD FOR	(54) ELECTRONIC DEVICE AND FIRMWARE
(32) 07.01.2009	RESTRICTING SYSTEM AND	RECOVERY PROGRAM THAT ENSURE
(33) United States of America	APPLICATION SOFTWARE AVAILABLE	RECOVERY OF FIRMWARE
(51) G06F 7/02	FOR INSTALLATION ON A MANAGED	(73) Kyocera Document Solutions Inc.
(11) EP2386081	MOBILE DEVICE	(72) Kenichiro, Nitta
(21) EP09802068.8	(73) BlackBerry Limited	(31) 2014265435
(47) 23.01.2019	(72) SMITH, Andrew Christopher	(32) 26.12.2014
(87) US2009068280	PARRY, Thomas Owen	(33) Japan
15.07.2010	DIKIC, Srdan	(51) G06F 8/65
(22) 16.12.2009	QUIN, Spencer Leavitt George	G06F 11/14
(54) SYSTEMS AND METHODS FOR	MACDONALD, Christopher Donald	G06F 11/34
COMMUNICATING PATTERN	LOOSEMORE, Michael William	G06F 11/07
MATCHING RESULTS OF A PARALLEL	CARTER, Jason Lee	(11) EP3301564
PATTERN SEARCH ENGINE	(31) 201514632939	(21) EP17183668.7
(73) Micron Technology, Inc.	(32) 26.02.2015	(47) 30.01.2019
(72) NOYES, Harold B	(33) United States of America	(22) 28.07.2017
(31) 352311	(51) G06F 8/61	(54) COMPUTER SYSTEM, METHOD
(32) 12.01.2009	G06F 8/71	OF MANAGING TRANSMISSION
(33) United States of America	H04L 12/24	OF SOFTWARE WITH COMPUTER
(51) G06F 7/04	H04L 29/08	SYSTEM, PROGRAM THEREFOR, AND
G06F 21/31	(11) EP3166018	RECORDING MEDIUM
G06F 21/32	(21) EP16195202.3	(73) Hitachi, Ltd.
H04L 29/06	(47) 30.01.2019	(72) SAKURAI, Soki
(11) EP3170068	(22) 22.12.2011	KATO, Atsushi
(21) EP15824916.9	(54) SATISFYING APPLICATION	KIYAMA, Noboru
(47) 30.01.2019	DEPENDENCIES	MINE, Hiroshi
(87) US2015040799	(73) Microsoft Technology Licensing, LLC	(31) 2016194790
28.01.2016	(72) Babey, Matthew Christopher	(32) 30.09.2016
(22) 16.07.2015	Jewart, Eric	(33) Japan
(54) USING TIMING OF CHARACTER INPUT	Reierson, Kristofer Hellick	(51) G06F 8/75
TO VERIFY PASSWORD	Anderson, Angela Mae	G06F 8/71
(73) Brown, Roland R.	(31) 201013977095	G06F 8/61
(72) Brown, Roland R.	(32) 23.12.2010	G06F 11/30
(31) 201462026624 P	(33) United States of America	(11) EP2791850
201462089137 P	(51) G06F 8/65	(21) EP12857123.9
(32) 19.07.2014	(11) EP2840494	(47) 23.01.2019
08.12.2014	(21) EP14181254.5	(87) US2012068057
(33) United States of America	(47) 30.01.2019	20.06.2013
United States of America	(22) 18.08.2014	(22) 06.12.2012
(51) G06F 7/04	(54) System and method for updating firmware	(54) IDENTIFYING APPLICATION
H04L 29/06	across devices in a process facility	RESOURCES THROUGH IMPLICIT
(11) EP2761426	(73) Dresser, Inc.	APPLICATION MODELS
(21) EP12834621.0	(72) Kostadinov, Vladimir Dimitrov	(73) Microsoft Technology Licensing, LLC
(47) 23.01.2019	Schoonover, Larry Gene	(72) DUNKER, Jeremy
(87) US2012057918	Podpaly, Anatoly	JEWART, Eric
04.04.2013	(31) 201313970253	ISOKA, Derrick Timothy
(22) 28.09.2012	(32) 19.08.2013	(31) 201113327480
	(33) United States of America	(32) 15.12.2011
	(51) G06F 8/65	(33) United States of America

(51) G06F 9/06 G06F 21/62 G06F 21/60 H04L 29/06	(72) Tsugihashi, Kanako Takahashi, Ryutaro Fujii, Tomohiro	(54) ENABLING EFFICIENT NESTED VIRTUALIZATION
(11) EP3084590	(31) 2010214462	(73) Intel Corporation
(21) EP14871946.1	(32) 24.09.2010	(72) TIAN, Kun
(47) 30.01.2019	(33) Japan	DONG, Yao Zu
(87) US2014062176 25.06.2015	(51) G06F 9/445 G06F 9/44	(51) G06F 9/455
(22) 24.10.2014	(11) EP2439647	(11) EP3048529
(54) CONTROLLING ACCESS TO A SOFTWARE APPLICATION	(21) EP09845674.2	(21) EP14855743.2
(73) Medidata Solutions, Inc.	(47) 23.01.2019	(47) 30.01.2019
(72) WEINER, Aaron	(87) CN2009000854 16.12.2010	(87) CN2014089516 30.04.2015
SZENHER, Matthew	(22) 30.07.2009	(22) 25.10.2014
(31) 201314134019	(54) IMPLEMENT METHOD, OPERATION METHOD, AND SYSTEM WITHOUT INSTALLING DATA CARD DRIVER	(54) CLOUD SYSTEM DATA MANAGEMENT METHOD
(32) 19.12.2013	(73) ZTE Corporation	(73) Huawei Technologies Co., Ltd.
(33) United States of America	(72) ZHAO, Ming	(72) YE, Sihai
(51) G06F 9/44	CHEN, Bing	(31) 201310511740
(11) EP2784666	ZUO, Zhao	(32) 25.10.2013
(21) EP14161739.9	JIN, Junhong	(33) China
(47) 30.01.2019	(31) 200910203770	(51) G06F 9/46 G06F 17/30 G06F 9/54
(22) 26.03.2014	(32) 12.06.2009	(11) EP3121715
(54) Method and device for displaying service pages for executing applications	(33) China	(21) EP15881737.9
(73) Samsung Electronics Co., Ltd.	(51) G06F 9/445 G06F 9/448	(47) 30.01.2019
(72) Park, Yong-gook	(11) EP2380078	(87) CN2015084477 18.08.2016
Kang, Nam-wook	(21) EP09837853.2	(22) 20.07.2015
Bae, Joo-yoon	(47) 23.01.2019	(54) EVENT PROCESSING METHOD AND APPARATUS
Shin, Eun-mee	(87) US2009067784 15.07.2010	(73) Huawei Technologies Co. Ltd.
Lee, Keum-koo	(22) 11.12.2009	(72) YE, Kaihe
Lee, Hye-won	(54) SHARED VALUE RESOLUTION WITH MULTIPLE RUNTIME CONTAINERS	LIU, Shikai
(31) 201361805632 P 20130082464	(73) Microsoft Technology Licensing, LLC	(31) 201510073491
(32) 27.03.2013 12.07.2013	(72) ROSEN, Doug	(32) 11.02.2015
(33) United States of America	(31) 340173	(33) China
Korea (Republic)	(32) 19.12.2008	(51) G06F 9/48
(51) G06F 9/44	(33) United States of America	(11) EP3285166
G06F 11/30	(51) G06F 9/451 G06F 3/0481	(21) EP17185188.4
G06F 11/36	(11) EP3126967	(47) 23.01.2019
G06F 9/455	(21) EP15719888.8	(22) 10.05.2010
G06F 11/34	(47) 30.01.2019	(54) OPTIMIZING A DISTRIBUTION OF APPLICATIONS EXECUTING IN A MULTIPLE PLATFORM SYSTEM
(11) EP2656206	(87) US2015022894 08.10.2015	(73) Accenture Global Services Limited
(21) EP11849919.3	(22) 27.03.2015	(72) Neft, Mark
(47) 23.01.2019	(54) ADAPTIVE USER INTERFACE PANE MANAGER	(31) 177149 P 651876
(87) US2011065706 28.06.2012	(73) Microsoft Technology Licensing, LLC	(32) 11.05.2009 04.01.2010
(22) 19.12.2011	(72) KAUFTHAL, Jonathan S.	(33) United States of America United States of America
(54) PROBE INSERTION VIA BACKGROUND VIRTUAL MACHINE	SPOMER, Travis	(51) G06F 9/50 G05B 13/02 G05B 19/418 G05B 13/04
(73) Microsoft Technology Licensing, LLC	SLOAN, Ryan	(11) EP2924570
(72) BARHAM, Paul	(31) 201461974377 P 201414453445	(21) EP15160924.5
FIGUEROA, Joseph N.	(32) 02.04.2014	(47) 30.01.2019
SPRADLIN, Jeremiah C.	06.08.2014	(22) 25.03.2015
(31) 972531	(33) United States of America United States of America	(54) CLOUD-LEVEL CONTROL LOOP TUNING ANALYTICS
(32) 20.12.2010	(51) G06F 9/455	(73) Rockwell Automation Technologies, Inc.
(33) United States of America	(11) EP2795464	(72) Maturana, Francisco
(51) G06F 9/445	(21) EP11878055.0	Asenjo, Juan
(11) EP2439638	(47) 23.01.2019	(31) 201461970798 P 201414525149
(21) EP10194091.4	(87) CN2011084458 27.06.2013	(32) 26.03.2014
(47) 23.01.2019	(22) 22.12.2011	
(22) 08.12.2010		
(54) Information processing apparatus, information processing program, information processing method, and information processing system		
(73) Nintendo Co., Ltd.		

27.10.2014	G06F 3/06	(51) G06F 11/07
(33) United States of America	(11) EP3109757	(11) EP2302524
United States of America	(21) EP16172079.2	(21) EP08764979.4
(51) G06F 9/52	(47) 23.01.2019	(47) 23.01.2019
(11) EP2936312	(22) 31.05.2016	(87) JP2008060166
(21) EP13821291.5	(54) DATA STORAGE METHOD, DATA	10.12.2009
(47) 30.01.2019	RECOVERY METHOD, RELATED	(22) 02.06.2008
(87) US2013076317	APPARATUS, AND SYSTEM	(54) DATA PROCESSING SYSTEM, DATA
26.06.2014	(73) Huawei Technologies Co., Ltd.	PROCESSING METHOD, AND DATA
(22) 19.12.2013	(72) Wang, Daohui	PROCESSING PROGRAM
(54) SYSTEM AND METHOD FOR	Zhang, Feng	(73) Fujitsu Limited
IMPLEMENTING SHARED	Fan, Wei	(72) FUKUMURA, Hiromi
PROBABILISTIC COUNTERS STORING	Zhang, Zhile	(51) G06F 11/07
UPDATE PROBABILITY VALUES	Zeng, Yongqiang	G06F 11/10
(73) Oracle International Corporation	(31) 201510304374	(11) EP3255546
(72) DICE, David	(32) 04.06.2015	(21) EP17171887.7
LEV, Yosef	(33) China	(47) 30.01.2019
MOIR, Mark, S.	(51) G06F 11/00	(22) 19.05.2017
(31) 201213722839	G06F 21/55	(54) CONTROLLER
(32) 20.12.2012	G06F 17/30	(73) Omron Corporation
(33) United States of America	H04L 29/06	(72) UEDA, Takamasa
(51) G06F 11/00	H04L 29/08	MUNETI, Yasuo
(11) EP3178000	H04L 29/12	(31) 2016112480
(21) EP15762748.0	(11) EP2542971	(32) 06.06.2016
(47) 30.01.2019	(21) EP11751217.8	(33) Japan
(87) IB2015055833	(47) 30.01.2019	(51) G06F 11/07
11.02.2016	(87) US2011026720	G06F 11/30
(22) 31.07.2015	09.09.2011	G06F 11/34
(54) METHOD OF EXECUTING PROGRAMS	(22) 01.03.2011	F24F 11/30
IN AN ELECTRONIC SYSTEM FOR	(54) DETECTION OF ATTACKS THROUGH	F24F 11/89
APPLICATIONS WITH FUNCTIONAL	PARTNER WEBSITES	(11) EP3220271
SAFETY COMPRISING A PLURALITY	(73) EMC Corporation	(21) EP15869748.2
OF PROCESSORS, CORRESPONDING	(72) WITTENSTEIN, Andreas	(47) 30.01.2019
SYSTEM AND COMPUTER PROGRAM	EYNON, Mike	(87) JP2015083021
PRODUCT	MATHER, Laura	23.06.2016
(73) Intel Corporation	LLOYD, James	(22) 25.11.2015
(72) MARIANI, Riccardo	FRANTZ, Matt	(54) DATA COLLECTION DEVICE, DATA
BORGATTI, Michele	(31) 339248 P	COLLECTION SYSTEM, CONTROL
LORENZINI, Stefano	(32) 01.03.2010	METHOD, AND PROGRAM
(31) TO20140633	(33) United States of America	(73) Mitsubishi Heavy Industries Thermal
(32) 04.08.2014	(51) G06F 11/00	Systems, Ltd.
(33) Italy	H04L 29/06	(72) KAMBE Taiga
(51) G06F 11/00	(11) EP3213209	INABA Takashi
G06F 9/50	(21) EP16789367.6	MORIKAWA Junji
(11) EP1451687	(47) 30.01.2019	(31) 2014256037
(21) EP02798475.6	(87) IB2016000678	(32) 18.12.2014
(47) 23.01.2019	10.11.2016	(33) Japan
(87) US2002038389	(22) 05.05.2016	(51) G06F 11/10
12.06.2003	(54) SYSTEMS AND METHODS FOR	(11) EP3014450
(22) 02.12.2002	DETECTING AND REACTING TO	(21) EP14740083.2
(54) REAL COMPOSITE OBJECTS FOR	MALICIOUS ACTIVITY IN COMPUTER	(47) 30.01.2019
PROVIDING HIGH AVAILABILITY	NETWORKS	(87) US2014043857
OF RESOURCES ON NETWORKED	(73) CyberArk Software Ltd.	31.12.2014
SYSTEMS	(72) DULKIN, Andrey	(22) 24.06.2014
(73) Oracle International Corporation	LAZAROVITZ, Lavi	(54) ERASURE CODING ACROSS MULTIPLE
(72) BROWER, David	SADE, Yair	ZONES
COLRAIN, Carol	BENEDICT, Omer	(73) Microsoft Technology Licensing, LLC
CREIGHTON, Jonathan	STANFORD, Jessica	(72) CALDER, Bradley G.
(31) 334349 P	HART, Matan	GOPALAN, Parikshit Santhana
426587 P	(31) 201562158135 P	HUANG, Cheng
(32) 30.11.2001	201562234112 P	LI, Jin
15.11.2002	201562247270 P	OGUS, Aaron W.
(33) United States of America	(32) 07.05.2015	SIMITCI, Huseyin
United States of America	29.09.2015	YEKHANIN, Sergey
(51) G06F 11/00	28.10.2015	(31) 201313926722
G06F 11/10	(33) United States of America	(32) 25.06.2013
G06F 9/50	United States of America	(33) United States of America
G06F 9/46	United States of America	(51) G06F 11/16

- (11) EP3186710
(21) EP15763839.6
(47) 30.01.2019
(87) EP2015069342
03.03.2016
(22) 24.08.2015
(54) MICROCONTROLLER SYSTEM AND METHOD FOR SAFETY-CRITICAL MOTOR VEHICLE SYSTEMS AND THE USE THEREOF
(73) Continental Teves AG & Co. OHG
(72) BAUMEISTER, Daniel
TRASKOV, Adrian
(31) 102014217321
(32) 29.08.2014
(33) Germany
-
- (51) G06F 11/22
(11) EP3260984
(21) EP16201233.0
(47) 23.01.2019
(22) 29.11.2016
(54) ASYNCHRONOUS FEEDBACK TRAINING
(73) ATI Technologies ULC
Advanced Micro Devices, Inc.
(72) TOHIDI, Damon
TALBOT, Gerald
PRETE, Edoardo
LACKEY, Stanley
(31) 201615191322
PCT/US2016/050591
(32) 23.06.2016
08.09.2016
(33) United States of America
World Intellectual Property Office (WIPO)
-
- (51) G06F 11/32
G06F 11/34
G06F 11/30
(11) EP3227785
(21) EP15817646.1
(47) 30.01.2019
(87) US2015063845
09.06.2016
(22) 04.12.2015
(54) PLAYBACK AND AUTOMATIC EXECUTION OF A PROCESS TO CONTROL A COMPUTER SYSTEM
(73) Microsoft Technology Licensing, LLC
(72) SHABAZZ, Sharrief
PRODAN, Alex
GHOSH, Dipanjan
HAVE, Hans
(31) 201462088469 P
201514695624
(32) 05.12.2014
24.04.2015
(33) United States of America
United States of America
-
- (51) G06F 11/32
H04L 12/26
H04L 12/24
G06F 11/22
H04L 29/08
(11) EP2541418
(21) EP11172131.2
(47) 23.01.2019
(22) 30.06.2011
- (54) Method for increasing reliability in monitoring systems
(73) Axis AB
(72) Angelsmark, Ola
Nyberg, Fredrik
Rosengren, Bjarne
-
- (51) G06F 11/36
(11) EP2286338
(21) EP09757362.0
(47) 30.01.2019
(87) EP2009054928
10.12.2009
(22) 24.04.2009
(54) METHOD SYSTEM AND COMPUTER PROGRAM FOR IDENTIFYING SOFTWARE PROBLEMS
(73) International Business Machines Corporation
(72) SIMEONI, Maurizio
(31) 08157626
(32) 05.06.2008
(33) European Patent Office (EPO)
-
- (51) G06F 11/36
G06F 9/445
(11) EP2375337
(21) EP11161933.4
(47) 23.01.2019
(22) 11.04.2011
(54) System and method for information extraction from within an active application during execution
(73) ScienceLogic, Inc.
(72) Rochette, Donn
Ye, Ilho
(31) 322753 P
(32) 09.04.2010
(33) United States of America
-
- (51) G06F 12/00
(11) EP2954418
(21) EP14749318.3
(47) 30.01.2019
(87) US2014014961
14.08.2014
(22) 05.02.2014
(54) SYSTEM AND METHOD FOR MANAGEMENT OF UNIQUE ALPHA-NUMERIC ORDER MESSAGE IDENTIFIERS WITHIN DDR MEMORY SPACE
(73) Fixnetix Ltd.
(72) HUGHES, Hugh
ELLIS, Paul
MOORE, Alasdair
PERRET, Marcus
(31) 201313761134
(32) 06.02.2013
(33) United States of America
-
- (51) G06F 12/02
G06F 13/14
G11C 16/06
G06F 12/0804
G06F 12/0868
G06F 11/07
G06F 11/20
G06F 11/14
G06F 13/40
G11C 16/22
G06F 17/30
(11) EP2979185
- (21) EP13879713.9
(47) 30.01.2019
(87) US2013034382
02.10.2014
(22) 28.03.2013
(54) ADDRESS RANGE TRANSFER FROM FIRST NODE TO SECOND NODE
(73) Hewlett Packard Enterprise Development LP
(72) VOIGT, Douglas L
-
- (51) G06F 12/08
G06F 12/10
(11) EP3023878
(21) EP14838503.2
(47) 30.01.2019
(87) CN2014083875
26.02.2015
(22) 07.08.2014
(54) MEMORY PHYSICAL ADDRESS QUERY METHOD AND APPARATUS
(73) Huawei Technologies Co., Ltd.
(72) GUO, Xubin
HOU, Rui
FENG, Yujing
SU, Dongfeng
(31) 201310364417
(32) 20.08.2013
(33) China
-
- (51) G06F 12/0862
G06F 12/0875
(11) EP1518178
(21) EP03761780.0
(47) 23.01.2019
(87) JP2003007959
08.01.2004
(22) 24.06.2003
(54) METHODS AND APPARATUS FOR CONTROLLING PREFETCHING INTO A CACHE MEMORY
(73) Sony Interactive Entertainment Inc.
(72) MAGOSHI, Hidetaka
(31) 187072
(32) 01.07.2002
(33) United States of America
-
- (51) G06F 12/0868
G06F 12/0897
G06F 12/0804
G06F 12/128
(11) EP2805241
(21) EP12865676.6
(47) 23.01.2019
(87) IB2012057140
25.07.2013
(22) 10.12.2012
(54) POPULATING A FIRST STRIDE OF TRACKS FROM A FIRST CACHE TO WRITE TO A SECOND STRIDE IN A SECOND CACHE
(73) International Business Machines Corporation
(72) GUPTA, Lokesh Mohan
KALOS, Matthew Joseph
BENHASE, Michael Thomas
NIELSEN, Karl Allen
ASH, Kevin John
(31) 201213352230
(32) 17.01.2012
(33) United States of America
-
- (51) G06F 13/00
H04W 84/18

H04L 29/08	(31) 20160353	(73) Microsoft Technology Licensing, LLC
(11) EP2960803	(32) 14.06.2016	(72) JAIN, Navendu
(21) EP13875896.6	(33) Czech Republic	YOU, Gae-Won
(47) 30.01.2019	(51) G06F 13/38	(31) 201113324497
(87) JP2013007111	(11) EP3125127	(32) 13.12.2011
28.08.2014	(21) EP16189396.1	(33) United States of America
(22) 04.12.2013	(47) 30.01.2019	(51) G06F 15/16
(54) DATA SHARING SYSTEM	(22) 21.07.2010	G06Q 30/02
(73) NEC Corporation	(54) CONTROLLER INTEGRATION	(11) EP3049950
(72) UEDA, Hirofumi	(73) Solarflare Communications Inc	(21) EP14845757.5
FUJITA, Norihito	(72) POPE, Steve	(47) 30.01.2019
(31) 2013032834	RIDDOCH, David	(87) US2014057069
(32) 22.02.2013	ROBERTS, Derek	26.03.2015
(33) Japan	(31) 0913231	(22) 23.09.2014
(51) G06F 13/10	0917630	(54) SYSTEMS AND METHODS FOR CACHE-
G11C 16/10	289323 P	BASED CONTENT DELIVERY
G06F 13/14	(32) 29.07.2009	(73) Visible World, LLC
G11C 16/08	08.10.2009	(72) NIEMEIJER, Gerrit
G11C 16/22	22.12.2009	(31) 201361881048 P
G11C 16/26	(33) United Kingdom	(32) 23.09.2013
G11C 16/34	United Kingdom	(33) United States of America
(11) EP2494450	United States of America	(51) G06F 15/177
(21) EP10830402.3	(51) G06F 13/40	H04L 29/06
(47) 30.01.2019	H04B 1/04	H04W 12/02
(87) US2010053205	H04L 12/28	(11) EP3042302
19.05.2011	(11) EP3025426	(21) EP13893091.2
(22) 19.10.2010	(21) EP13889778.0	(47) 30.01.2019
(54) ONE-TIME PROGRAMMABLE MEMORY	(47) 30.01.2019	(87) US2013058623
DEVICE AND METHODS THEREOF	(87) IB2013001884	12.03.2015
(73) NXP USA, Inc.	29.01.2015	(22) 06.09.2013
(72) STRAUSS, Timothy, J.	(22) 24.07.2013	(54) MOBILE DEVICE CONFIGURATION
TAYLOR, Kelly, K.	(54) A TRANSCEIVER CIRCUIT AND	SYSTEM AND METHOD
(31) 608548	METHOD FOR CONTROLLER AREA	(73) HTC Corporation
(32) 29.10.2009	NETWORKS	(72) POLSON, Peter
(33) United States of America	(73) NXP USA, Inc.	JOHNS, Timothy A.
(51) G06F 13/16	(72) MOUNIER, Philippe	DALY, John
(11) EP3113029	GOYHENETCHE, Philippe	HOLMAN, Thomas B.
(21) EP16173412.4	(51) G06F 13/42	SAGER, Brasten
(47) 30.01.2019	(11) EP3267322	TANIS-LIKKEL, Brett C.
(22) 07.06.2016	(21) EP17184635.5	(31) 201314019245
(54) SYSTEMS AND METHODS FOR	(47) 23.01.2019	(32) 05.09.2013
ASYMMETRIC MEMORY ACCESS	(22) 22.07.2014	(33) United States of America
TO MEMORY BANKS WITHIN	(54) SCALABLE DIRECT INTER-NODE	(51) G06F 17/00
INTEGRATED CIRCUIT SYSTEMS	COMMUNICATION OVER PERIPHERAL	G06F 17/18
(73) NXP USA, Inc.	COMPONENT INTERCONNECT-	G06F 17/27
(72) FADER, Joachim	EXPRESS (PCIe)	G06F 15/16
HERRMANN, Stephan M.	(73) Huawei Technologies Co., Ltd.	G06F 13/14
JINDAL, Amit	(72) EGI, Norbert	G10L 15/32
SINGH, Nitin	SHI, Guangyu	G10L 15/08
(31) 201514753153	(31) 201361857036 P	(11) EP2438533
(32) 29.06.2015	201314089377	(21) EP10783961.5
(33) United States of America	(32) 22.07.2013	(47) 23.01.2019
(51) G06F 13/16	25.11.2013	(87) US2010036964
G06F 17/30	(33) United States of America	09.12.2010
H04L 12/26	United States of America	(22) 01.06.2010
(11) EP3258385	(51) G06F 15/16	(54) RECOGNITION USING RE-
(21) EP17174482.4	G06F 9/50	COGNITION AND STATISTICAL
(47) 30.01.2019	G06F 3/06	CLASSIFICATION
(22) 06.06.2017	G06F 17/30	(73) Microsoft Technology Licensing, LLC
(54) CONNECTION FOR QUICK SEARCH OF	H04L 29/08	(72) CHANG, Shuangyu
REGULAR EXPRESSIONS IN DATA	(11) EP2791813	LEVIT, Michael
(73) CESNET, zajmove sdruzeni pravnickyh	(21) EP12856978.7	BUNTSCHUH, Bruce
osob	(47) 23.01.2019	(31) 477918
Netcope Technologies, a.s.	(87) US2012069595	(32) 04.06.2009
(72) PUS, Viktor	20.06.2013	(33) United States of America
KOSAR, Vlastimil	(22) 13.12.2012	(51) G06F 17/24
KORENEK, Jan	(54) LOAD BALANCING IN CLUSTER	G06F 17/30
MATOUSEK, Denis	STORAGE SYSTEMS	G06F 21/55

H04L 29/06	(21) EP13002235.3	Min, Young-Hoon
(11) EP2823431	(47) 23.01.2019	Lee, Sin-Jae
(21) EP13711220.7	(22) 26.04.2013	(31) 20070125352
(47) 23.01.2019	(54) Unified table query processing	(32) 05.12.2007
(87) US2013029631	(73) SAP SE	(33) Korea (Republic)
12.09.2013	(72) Faerber, Franz	(51) G06F 17/30
(22) 07.03.2013	Lee, Juchang	(11) EP2151770
(54) VALIDATION ASSOCIATED WITH A	Schreter, Ivan	(21) EP08164531.9
FORM	Richtarsky, Martin	(47) 30.01.2019
(73) Alibaba Group Holding Limited	(31) 201261640689 P	(22) 17.09.2008
(72) LIN, Jincheng	201261646162 P	(54) Systems and methods for searching media
YANG, Hexiang	201313843898	content based on an editing file
(31) 201210059741	(32) 30.04.2012	(73) CyberLink Corp.
201313787259	11.05.2012	(72) Lee, Hsieh-Te
(32) 08.03.2012	15.03.2013	(31) 186754
06.03.2013	(33) United States of America	(32) 06.08.2008
(33) China	United States of America	(33) United States of America
United States of America	United States of America	(51) G06F 17/30
(51) G06F 17/30	(51) G06F 17/30	(11) EP2819034
(11) EP2469424	(11) EP2680168	(21) EP14002145.2
(21) EP11005361.8	(21) EP13003242.8	(47) 30.01.2019
(47) 23.01.2019	(47) 23.01.2019	(22) 23.06.2014
(22) 30.06.2011	(22) 25.06.2013	(54) Methods and systems for creating one
(54) Hash-join in parallel computation	(54) Columnwise range K-nearest neighbours	dimensional heterogeneous histograms for
environments	search queries	query optimiser
(73) SAP SE	(73) SAP SE	(73) SAP SE
(72) Bensberg, Christian	(72) Weyerhaeuser, Christoph	(72) May, Norman
Mathis, Christian	Mindnich, Tobias	Moerkotte, Guido
Transier, Frederik	Baeumges, Daniel	Boehm, Alexander
Bohnsack, Nico	Kazmaier, Gerrit Simon	(31) 201313925610
Stammerjohann, Kai	(31) 201213532640	(32) 24.06.2013
(31) 978044	(32) 25.06.2012	(33) United States of America
(32) 23.12.2010	(33) United States of America	(51) G06F 17/30
(33) United States of America	(51) G06F 17/30	(11) EP3207473
(51) G06F 17/30	(11) EP3256960	(21) EP15886103.9
(11) EP2831766	(21) EP15771249.8	(47) 30.01.2019
(21) EP12721942.6	(47) 23.01.2019	(87) CN2015095704
(47) 23.01.2019	(87) IB2015056003	29.09.2016
(87) IL2012050112	18.08.2016	(22) 26.11.2015
03.10.2013	(22) 07.08.2015	(54) SYSTEM, METHOD, AND DEVICE FOR
(22) 27.03.2012	(54) EFFICIENT LOCAL FEATURE	INDEX COMPILATION TO OPTIMIZE
(54) A METHOD AND APPARATUS FOR	DESCRIPTOR FILTERING	INDEX USAGE
ENTERPRISE-LEVEL FILTERED	(73) Sony Corporation	(73) Huawei Technologies Co. Ltd.
SEARCH	(72) ENGSTROM, Jimmy	(72) RASTOGI, Kumar Rajeev
(73) Varonis Systems, Ltd.	(31) 201514617373	KUMAR, Dilip
(72) FAITELSON, Yakov	(32) 09.02.2015	SREEKANTIAAH, Nirmala
KORKUS, Ohad	(33) United States of America	(31) 1439CH2015
KRETZER-KATZIR, Ophir	(51) G06F 17/30	(32) 21.03.2015
BASS, David	(11) EP3355205	(33) India
(51) G06F 17/30	(21) EP17153293.0	(51) G06F 17/30
(11) EP2710497	(47) 23.01.2019	G06F 12/08
(21) EP12725943.0	(22) 26.01.2017	(11) EP2146292
(47) 23.01.2019	(54) METHOD AND SYSTEM FOR	(21) EP09164490.6
(87) US2012038556	CUSTOMIZATION OF COMPUTER	(47) 23.01.2019
22.11.2012	SYSTEMS	(22) 03.07.2009
(22) 18.05.2012	(73) SAP SE	(54) Method and apparatus for extracting
(54) TECHNIQUES FOR AUTOMATIC DATA	(72) STALLMANN, Florian	information from a database
PLACEMENT WITH COMPRESSION	(51) G06F 17/30	(73) QlikTech International AB
AND COLUMNAR STORAGE	(11) EP2068258	(72) Wolgé, Håkan
(73) Oracle International Corporation	(21) EP08169923.3	(31) 0801708
(72) GANESH, Amit	(47) 30.01.2019	81761
MARWAH, Vineet	(22) 25.11.2008	(32) 18.07.2008
KAPOOR, Vikram	(54) APPARATUS AND METHOD FOR	18.07.2008
(31) 201161488125 P	MANAGING METADATA IN PORTABLE	(33) Sweden
(32) 19.05.2011	TERMINAL	United States of America
(33) United States of America	(73) Samsung Electronics Co., Ltd.	(51) G06F 17/30
(51) G06F 17/30	(72) Jang, Seok-Kyu	H04L 12/26
(11) EP2660732	Woo, Young-June	

- H04L 9/32
H04L 29/06
H04L 29/08
(11) EP3229407
(21) EP16175933.7
(47) 23.01.2019
(22) 23.06.2016
(54) APPLICATION SIGNATURE GENERATION AND DISTRIBUTION
(73) Juniper Networks, Inc.
(72) PASUPATHY, Thyagarajan S. MANTHENA, Venkata Rama Raju CHAUBEY, Rajeev
(31) 201615083693
(32) 29.03.2016
(33) United States of America
(51) G06F 17/30
H04L 12/741
(11) EP2515487
(21) EP10844359.9
(47) 23.01.2019
(87) CN2010070364
04.08.2011
(22) 26.01.2010
(54) METHOD AND DEVICE FOR STORING AND SEARCHING KEYWORD
(73) Huawei Technologies Co., Ltd.
(72) LAMBIRI, Cristian CUI, Xiumei
(51) G06F 17/30
H04M 1/725
H04M 3/493
(11) EP2572298
(21) EP11723807.1
(47) 23.01.2019
(87) US20111037346
24.11.2011
(22) 20.05.2011
(54) AUTOMATIC ROUTING USING SEARCH RESULTS
(73) Google LLC
(72) LEBEAU, Michael, J. JITKOFF, John, Nicholas BYRNE, William, J.
(31) 852221
346893 P
(32) 06.08.2010
20.05.2010
(33) United States of America
United States of America
(51) G06F 17/30
H04N 9/64
H04H 20/14
G06K 9/00
H04H 60/58
(11) EP1952639
(21) EP06839880.9
(47) 30.01.2019
(87) US2006060891
24.05.2007
(22) 14.11.2006
(54) METHOD AND APPARATUS FOR AUTOMATIC DETECTION AND IDENTIFICATION OF UNIDENTIFIED BROADCAST AUDIO OR VIDEO SIGNALS
(73) Mobile Research Labs Ltd.
(72) CHEUNG, Kwan
(31) 736348 P
322706
(32) 14.11.2005
30.12.2005
(33) United States of America
United States of America
(51) G06F 17/50
(11) EP2442246
(21) EP11007493.7
(47) 30.01.2019
(22) 14.09.2011
(54) Method of solving the non-uniformly discretized Poisson equation
(73) Sumitomo Rubber Industries, Ltd.
(72) Tsunoda, Masaya YADAV, Arjun
(31) 2010229824
(32) 12.10.2010
(33) Japan
(51) G06F 17/50
B33Y 10/00
B33Y 40/00
B29C 64/386
B29C 64/40
(11) EP3122541
(21) EP15720427.2
(47) 30.01.2019
(87) IB2015052139
01.10.2015
(22) 24.03.2015
(54) METHOD AND EQUIPMENT FOR DEFINING A SUPPORTING STRUCTURE FOR A THREE-DIMENSIONAL OBJECT TO BE MADE THROUGH STEREO LITHOGRAPHY
(73) DWS S.R.L.
(72) MAROZIN, Alessandro
(31) VI20140074
(32) 25.03.2014
(33) Italy
(51) G06F 17/50
G01B 21/04
G01B 11/03
B64F 5/00
B64C 1/00
(11) EP2524329
(21) EP10796021.3
(47) 30.01.2019
(87) EP2010070155
23.06.2011
(22) 17.12.2010
(54) ASSEMBLY AND METHOD FOR VERIFYING A REAL MODEL USING A VIRTUAL MODEL AND USE IN AIRCRAFT CONSTRUCTION
(73) Airbus Operations GmbH
(72) BECKER, Benjamin SCHMIDT, Holger CALIS, Ilke Öncü
(31) 102009058802
(32) 18.12.2009
(33) Germany
(51) G06F 19/00
(11) EP2767919
(21) EP14155405.5
(47) 30.01.2019
(22) 17.02.2014
(54) Method and device for processing infusion data
(73) Micrel Medical Devices S.A.
(72) Tsoukalis, Achilleas
(31) 20130100089
(32) 15.02.2013
(33) Greece
(51) G06F 19/00
(11) EP2899657
(21) EP14199772.6
(47) 30.01.2019
(22) 22.12.2014
(54) Real-time communication between medical devices over a dicom network
(73) Biosense Webster (Israel) Ltd.
(72) Zino, Eliahu Amit, Matityahu Zigelman, Gil
(31) 201314138591
(32) 23.12.2013
(33) United States of America
(51) G06F 19/00
A61B 8/00
(11) EP2075722
(21) EP08022080.9
(47) 30.01.2019
(22) 19.12.2008
(54) Ultrasound diagnostic device and method of displaying ultrasound images
(73) Samsung Medison Co., Ltd.
(72) Kim, Sung, Yun Kim, Yun, Jin
(31) 20070138414
(32) 27.12.2007
(33) Korea (Republic)
(51) G06F 19/22
(11) EP3061022
(21) EP14789740.9
(47) 30.01.2019
(87) US2014060690
30.04.2015
(22) 15.10.2014
(54) SYSTEMS AND METHODS FOR USING PAIRED-END DATA IN DIRECTED ACYCLIC STRUCTURE
(73) Seven Bridges Genomics Inc.
(72) KURAL, Deniz MEYVIS, Nathan
(31) 201361893467 P
201414157979
(32) 21.10.2013
17.01.2014
(33) United States of America
United States of America
(51) G06F 21/00
H04L 9/00
G06F 21/52
G06F 21/57
G06F 21/51
(11) EP2095288
(21) EP07848190.0
(47) 23.01.2019
(87) FI2007050658
19.06.2008
(22) 04.12.2007
(54) METHOD FOR THE SECURE STORING OF PROGRAM STATE DATA IN AN ELECTRONIC DEVICE

(73) Nokia Technologies Oy	04.09.2014	SINGH, Karanbir
(72) EKBERG, Jan-Erik	(22) 31.01.2014	BAKER, Arthur, H.
PAATERO, Lauri	(54) DETERMINING HUMAN STIMULI AT	BHARADWAJ, Vijay, G.
(31) 638405	COMPUTING DEVICES	PORTER, Nelly, L.
(32) 14.12.2006	(73) Gogo LLC	BARHUDARIAN, Violet, Anna
(33) United States of America	(72) LAUER, Bryan, Adrian	WOOD, John, D. T.
(51) G06F 21/10	(31) 201313781841	SHIPMAN, Jeffrey, E.
G06F 21/55	(32) 01.03.2013	VIEGAS, Jeremy, D.
G06F 21/72	(33) United States of America	(31) 201361829875 P
H04N 21/254	(51) G06F 21/31	201314018680
H04N 21/43	G06F 21/44	(32) 31.05.2013
H04N 21/442	H04W 12/06	05.09.2013
H04N 21/462	H04L 29/06	(33) United States of America
(11) EP2695372	(11) EP2779010	United States of America
(21) EP12713121.7	(21) EP14159230.3	(51) G06F 21/32
(47) 23.01.2019	(47) 30.01.2019	G06F 21/36
(87) EP2012055850	(22) 12.03.2014	G06F 21/40
11.10.2012	(54) Information processing system and	G06F 21/31
(22) 30.03.2012	information processing method	(11) EP2685401
(54) METHOD OF DETERMINING AN	(73) Ricoh Company, Ltd.	(21) EP12192479.9
UNUSUAL BEHAVIOUR OF AN	(72) Watanabe, Taichi	(47) 23.01.2019
ELECTRONIC APPARATUS, AND	Sukenobe, Kaori	(22) 13.11.2012
ELECTRONIC APPARATUS ABLE TO	(31) 2013054314	(54) METHODS AND SYSTEMS FOR
IMPLEMENT SUCH A METHOD	2014033388	IMPROVING THE SECURITY OF
(73) SAGEMCOM BROADBAND SAS	(32) 15.03.2013	SECRET AUTHENTICATION DATA
(72) LANDAIS, Thomas	24.02.2014	DURING AUTHENTICATION
(31) 1152890	(33) Japan	TRANSACTIONS
(32) 04.04.2011	Japan	(73) Daon Holdings Limited
(33) France	(51) G06F 21/31	(72) White, Conor Robert
(51) G06F 21/12	H04M 1/67	Ahern, James
H04B 1/3816	H04M 1/725	Holland, Christopher Eric
H04W 12/06	H04W 12/02	(31) 201213546130
(11) EP2506175	(11) EP2926619	(32) 11.07.2012
(21) EP11160423.7	(21) EP13858356.2	(33) United States of America
(47) 30.01.2019	(47) 30.01.2019	(51) G06F 21/32
(22) 30.03.2011	(87) KR2013006080	G06F 21/84
(54) Enabling a software application to be	05.06.2014	(11) EP3040893
executed on a mobile station	(22) 09.07.2013	(21) EP14200503.2
(73) Irdeto B.V.	(54) MOBILE DEVICE AND METHOD FOR	(47) 30.01.2019
(72) Doumen, Jeroen Mathias	CONTROLLING THE SAME	(22) 30.12.2014
(51) G06F 21/16	(73) LG Electronics Inc.	(54) Display of private content
G06F 7/04	(72) KIM, Sungyup	(73) Nokia Technologies OY
(11) EP3126958	(31) 201261730977 P	(72) Roimela, Kimmo
(21) EP15772391.7	20130009050	Leppänen, Jussi
(47) 23.01.2019	20130020481	Eronen, Antti
(87) US2015022650	201313829992	Lehtiniemi, Arto
08.10.2015	201313936009	(51) G06F 21/36
(22) 26.03.2015	(32) 29.11.2012	G06F 15/16
(54) SYSTEMS AND METHODS FOR	28.01.2013	G06F 21/32
DETECTING COPIED COMPUTER CODE	26.02.2013	H04L 29/06
USING FINGERPRINTS	14.03.2013	(11) EP2973164
(73) Terbium Labs LLC	05.07.2013	(21) EP13877983.0
(72) ROGERS, Daniel, Jordan	(33) United States of America	(47) 30.01.2019
MOORE, Michael, Alan	Korea (Republic)	(87) US2013031881
(31) 201461973125 P	Korea (Republic)	18.09.2014
201414314407	United States of America	(22) 15.03.2013
201514621554	United States of America	(54) TECHNOLOGIES FOR SECURE
(32) 31.03.2014	(51) G06F 21/32	STORAGE AND USE OF BIOMETRIC
25.06.2014	(11) EP3005211	AUTHENTICATION INFORMATION
13.02.2015	(21) EP13773508.0	(73) Intel Corporation
(33) United States of America	(47) 23.01.2019	(72) SMITH, Ned, M.
United States of America	(87) US2013061092	CAHILL, Conor, P.
United States of America	04.12.2014	SHELLER, Micah, J.
(51) G06F 21/31	(22) 21.09.2013	MARTIN, Jason
(11) EP2962238	(54) RESOURCE MANAGEMENT BASED ON	(51) G06F 21/36
(21) EP14708141.8	BIOMETRIC DATA	G06F 21/83
(47) 30.01.2019	(73) Microsoft Technology Licensing, LLC	(11) EP3142038
(87) US2014013975	(72) SONI, Himanshu	(21) EP16153566.1

(47) 23.01.2019	G06F 21/71	(51) G06F 21/60
(22) 01.02.2016	G06F 9/30	(11) EP2383676
(54) AUTHENTICATION SYSTEM AND METHOD	G06F 12/16	(21) EP11163249.3
(73) Tata Consultancy Services Limited	(11) EP2842041	(47) 23.01.2019
(72) TOMMY, Robin	(21) EP12875463.7	(22) 20.04.2011
RAVI, Ullas	(47) 23.01.2019	(54) Image transmission apparatus and method of controlling image transmission apparatus
THASNEEM, Fathima	(87) IB2012052037	(73) CANON KABUSHIKI KAISHA
KRISHNA, Aswathy S.	31.10.2013	(72) Kasuya, Kenji
LUKE, Jobin P.	(22) 23.04.2012	(31) 2010102526
SUBRAMANIAN, Girija	(54) DATA PROCESSING SYSTEM AND METHOD FOR OPERATING A DATA PROCESSING SYSTEM	(32) 27.04.2010
(31) 3482MU2015	(73) NXP USA, Inc.	(33) Japan
(32) 10.09.2015	(72) COSTIN, Daniel, Ionel	(51) G06F 21/60
(33) India	(51) G06F 21/55	G06F 15/16
(51) G06F 21/41	G06F 21/62	H04N 21/2347
H04L 29/06	G06Q 20/20	H04L 29/06
G06F 21/44	G06Q 20/34	(11) EP2791855
(11) EP3265948	G06F 21/31	(21) EP11877297.9
(21) EP16714996.2	G06F 21/85	(47) 23.01.2019
(47) 23.01.2019	(11) EP3113056	(87) US2011065284
(87) FR2016050482	(21) EP16177228.0	20.06.2013
09.09.2016	(47) 23.01.2019	(22) 15.12.2011
(22) 03.03.2016	(47) 23.01.2019	(54) PRESERVING IMAGE PRIVACY WHEN MANIPULATED BY CLOUD SERVICES
(54) SECURE TRANSFER OF AUTHENTICATION INFORMATION	(22) 30.06.2016	(73) Intel Corporation
(73) Wallix	(54) SECURING A VALIDATION OF A CHARACTER SEQUENCE, CORRESPONDING METHOD, DEVICE AND COMPUTER PROGRAM PRODUCT	(72) DURHAM, David M.
(72) ADDA, Serge	(73) Ingenico Group	LONG, Men
ZHOU, Raphaël	(72) GERAUD, Rémi	GREWAL, Karanvir S.
(31) 1551784	KOUDOSSI, Hiba	DEWAN, Prashant
(32) 03.03.2015	NACCACHE, David	KANG, Xiaozhu
(33) France	(31) 1556352	(51) G06F 21/60
(51) G06F 21/50	(32) 03.07.2015	G06F 21/62
G06F 21/51	(33) France	G06F 21/79
G06F 21/30	(51) G06F 21/56	H04L 29/06
G06F 21/12	G06N 5/04	(11) EP3163493
(11) EP3239880	(11) EP2791854	(21) EP15815733.9
(21) EP17168229.7	(21) EP12801693.8	(47) 23.01.2019
(47) 23.01.2019	(47) 23.01.2019	(87) JP2015002439
(22) 26.04.2017	(87) US2012067988	07.01.2016
(54) LEGAL INSTALLATION PACKAGE ACQUIRING METHOD AND APPARATUS, COMPUTER PROGRAM AND RECORDING MEDIUM	(22) 05.12.2012	(22) 13.05.2015
(73) Beijing Xiaomi Mobile Software Co., Ltd.	(54) COUNTER OPERATION IN A STATE MACHINE LATTICE	(54) CONTENT MANAGEMENT SYSTEM, CONTENT MANAGEMENT SERVER AND MANAGEMENT PROGRAM FOR SERVER, CLIENT TERMINAL AND MANAGEMENT PROGRAM FOR TERMINAL, AND REMOVABLE MEDIA
(72) LIU, Shuo	(73) Micron Technology, Inc.	(73) Manago, Tatsuo
ZHANG, Xuhua	(72) NOYES, Harold B.	Mizukami, Hideki
SHI, Dalong	BROWN, David R.	(72) Manago, Tatsuo
(31) 201610281325	GLENDENNING, Paul	Mizukami, Hideki
(32) 28.04.2016	(31) 201113327499	(31) 2014133647
(33) China	(32) 15.12.2011	(32) 30.06.2014
(51) G06F 21/51	(33) United States of America	(33) Japan
G06F 21/57	(51) G06F 21/57	(51) G06F 21/62
(11) EP1934882	(11) EP3107027	(11) EP3167401
(21) EP06820749.7	(21) EP15201794.3	(21) EP15763822.2
(47) 23.01.2019	(47) 30.01.2019	(47) 23.01.2019
(87) IB2006002472	(22) 21.12.2015	(87) DE2015100299
22.03.2007	(54) METHOD AND DEVICE FOR EVALUATING SECURITY ASSESSMENT OF AN APPLICATION	14.01.2016
(22) 07.09.2006	(73) Wipro Limited	(22) 13.07.2015
(54) SIMPLE SCALABLE AND CONFIGURABLE SECURE BOOT FOR TRUSTED MOBILE PHONES	(72) SRIDHAR, Kavitha	(54) METHOD AND DEVICE FOR MAKING PROCESSES SECURE
(73) Nokia Technologies Oy	(31) 3057CH2015	(73) Bundesdruckerei GmbH
(72) TARKKALA, Lauri	201514814912	(72) DIETRICH, Frank
(31) 718266 P	(32) 18.06.2015	(31) 102014109794
(32) 16.09.2005	31.07.2015	(32) 11.07.2014
(33) United States of America	(33) India	(33) Germany
(51) G06F 21/54	United States of America	(51) G06F 21/62
G06F 21/52		

H04L 29/06	(22) 24.10.2014	(54) BUSES FOR PATTERN-RECOGNITION PROCESSORS
(11) EP2469797	(54) CARD READER	(73) Micron Technology, Inc.
(21) EP10196788.3	(73) Korea Information & Communications Co., Ltd.	(72) PAWLOWSKI, J. Thomas
(47) 30.01.2019	(72) YOON, Sang-Jin	(31) 350136
(22) 23.12.2010	(31) 20130147045	(32) 07.01.2009
(54) SYSTEM AND METHOD FOR SECURE COMPLEX EVENT PROCESSING IN HETEROGENEOUS ENVIRONMENTS	(32) 29.11.2013	(33) United States of America
(73) Software AG	(33) Korea (Republic)	(51) G06K 9/00
(72) Gesmann, Michael	(51) G06K 7/01	(11) EP2953057
Schöning, Harald, Dr.	H01P 3/08	(21) EP15170288.3
Harbarth, Juliane	G06F 3/12	(47) 30.01.2019
Weber, Heiko	G06K 7/10	(22) 02.06.2015
(51) G06F 21/83	(11) EP1991944	(54) IRIS RECOGNITION TERMINAL AND METHOD
G06F 3/02	(21) EP07758251.8	(73) IRIS ID, Inc.
G06F 3/023	(47) 23.01.2019	(72) Min, Seung Gi
H03M 11/02	(87) US2007063680	Lee, Kie Young
H03M 11/04	13.09.2007	(31) 20140067913
H03M 11/20	(22) 09.03.2007	(32) 03.06.2014
H03M 11/00	(54) RFID UHF STRIPLINE COUPLER	(33) Korea (Republic)
(11) EP2771976	(73) ZIH Corp.	(51) G06K 9/00
(21) EP12777920.5	(72) SCHWAN, Martin Andreas, Karl	G01N 33/50
(47) 23.01.2019	TSIRLINE, Boris, Y.	G01N 1/30
(87) EP2012071189	TORCHALSKI, Karl	G01N 21/64
02.05.2013	(31) 371785	(11) EP2737454
(22) 25.10.2012	(32) 09.03.2006	(21) EP12818014.8
(54) METHOD AND DEVICE FOR MANAGING A KEY MATRIX, CORRESPONDING COMPUTER PROGRAM PRODUCT AND STORAGE MEANS	(33) United States of America	(47) 23.01.2019
(73) Ingenico Group	(51) G06K 7/10	(87) SE2012050851
(72) BELLAHCENE, Mohammed	(11) EP3285202	31.01.2013
BENOIT, Olivier	(21) EP17187532.1	(22) 27.07.2012
DELORME, Jean-Jacques	(47) 30.01.2019	(54) METHOD FOR PROVIDING IMAGES OF A TISSUE SECTION
(31) 1159798	(22) 12.03.2014	(73) Medetect AB
(32) 28.10.2011	(54) SYNTHETIC APERTURE RFID HANDHELD WITH TAG LOCATION CAPABILITY	(72) ERJEFÄLT, Jonas
(33) France	(73) Internec IP Corp.	(31) 1150724
(51) G06F 21/84	(72) NIKITIN, Pavel	201161512617 P
G09G 5/14	RAO, Kvs	(32) 28.07.2011
G09G 5/36	BRUECKMANN, Rainer	28.07.2011
G06F 9/455	KELLY, Stephen	(33) Sweden
G06F 21/57	LELAND, Hunter	United States of America
G06F 3/14	(31) 201313826758	(51) G06K 9/00
(11) EP3056990	(32) 14.03.2013	G06K 9/03
(21) EP15189315.3	(33) United States of America	(11) EP3226172
(47) 30.01.2019	(51) G06K 7/10	(21) EP16863485.5
(22) 12.10.2015	G06K 7/00	(47) 23.01.2019
(54) A MOBILE SYSTEM AND METHOD THEREOF FOR SECURE MULTIPLEXING OF GPU IN AN EMBEDDED SYSTEM	G06K 19/077	(87) CN2016099252
(73) Deutsche Telekom AG	H01Q 1/22	18.05.2017
(72) DANISEVSKIS, Janis	H01Q 9/16	(22) 18.09.2016
NORDHOLZ, Jan	(11) EP2715690	(54) FINGERPRINT REGISTRATION METHOD, DEVICE AND TERMINAL EQUIPMENT
VETTER, Julian	(21) EP11866595.9	(73) Guangdong Oppo Mobile Telecommunications Corp., Ltd.
PETSCHICK, Matthias	(47) 23.01.2019	(72) ZHANG, Haiping
PETER, Michael	(87) US2011038326	ZHOU, Yibao
(31) 102015001925	06.12.2012	(31) 201510786291
(32) 13.02.2015	(22) 27.05.2011	(32) 13.11.2015
(33) Germany	(54) RFID PASSIVE REFLECTOR FOR HIDDEN TAGS	(33) China
(51) G06K 7/00	(73) Compagnie Générale des Etablissements Michelin	(51) G06K 9/00
G06K 13/08	(72) SINNETT, Jay, C.	G09B 19/00
(11) EP3076338	JAMES, Harold, S.	A63B 69/00
(21) EP14866465.9	(51) G06K 9/00	A63B 71/06
(47) 30.01.2019	(11) EP2386093	A63B 63/00
(87) KR2014010067	(21) EP09802066.2	A63B 24/00
04.06.2015	(47) 23.01.2019	A63B 71/00
	(87) US2009068261	(11) EP2788092
	15.07.2010	(21) EP12788420.3
	(22) 16.12.2009	(47) 23.01.2019

(87) DE2012001020 13.06.2013	(31) 201514681933	B32B 38/14
(22) 20.10.2012	(32) 08.04.2015	B32B 38/00
(54) APPARATUS FOR TRAINING THE BEHAVIOUR OF A KICKER DURING A PENALTY KICK	(33) United States of America	(11) EP3149660
(73) Universität Kassel	(51) G06K 9/42	(21) EP15724174.6
(72) KIBELE, Armin	G06K 9/46	(47) 30.01.2019
(31) 102011120593	G06K 9/62	(87) EP2015000995
(32) 08.12.2011	G06K 9/00	03.12.2015
(33) Germany	(11) EP3223189	(22) 12.05.2015
(51) G06K 9/20	(21) EP16161706.3	(54) DATA CARRIER PRODUCTION METHOD AND PROCESSING DEVICE
G06K 7/10	(47) 23.01.2019	(73) Giesecke+Devrient Mobile Security GmbH
G01N 35/00	(22) 22.03.2016	(72) TARANTINO, Thomas
G01N 21/77	(54) METHOD AND APPARATUS FOR DETERMINING A SIMILARITY MEASURE BETWEEN DRAWINGS	(31) 102014007930
G01N 33/487	(73) Intelligent Insights GmbH	(32) 27.05.2014
(11) EP3217322	(72) Schmidt, Roman	(33) Germany
(21) EP16159157.3	Riesen, Kaspar	(51) G06K 19/07
(47) 30.01.2019	(51) G06K 9/46	G06K 19/077
(22) 08.03.2016	G01T 1/29	G07F 7/10
(54) TEST ELEMENT ANALYSIS SYSTEM FOR THE ANALYTICAL EXAMINATION OF A SAMPLE	G01V 5/00	G06Q 20/34
(73) F. Hoffmann-La Roche AG	(11) EP2269162	G06K 17/00
(51) G06K 9/32	(21) EP09726675.3	(11) EP3144905
G06K 9/46	(47) 23.01.2019	(21) EP16187328.6
G06K 9/62	(87) US2009039192	(47) 23.01.2019
(11) EP3115935	08.10.2009	(22) 06.09.2016
(21) EP16174678.9	(22) 01.04.2009	(54) IC CARD AND IC MODULE
(47) 30.01.2019	(54) GENERATING A REPRESENTATION OF AN OBJECT OF INTEREST	(73) Kabushiki Kaisha Toshiba
(22) 16.06.2016	(73) L-3 Communications Security and Detection Systems, Inc.	(72) TUDA, Yusuke
(54) A METHOD, APPARATUS, COMPUTER PROGRAM AND SYSTEM FOR IMAGE ANALYSIS	(72) FOLAND, Andrew Dean	(31) 2015184007
(73) Nokia Technologies Oy	(31) 42192 P	(32) 17.09.2015
(72) CRICRI, Francesco	(32) 03.04.2008	(33) Japan
(31) 201511334	(33) United States of America	(51) G06K 19/077
(32) 29.06.2015	(51) G06K 15/00	(11) EP2710524
(33) United Kingdom	G06F 3/12	(21) EP12782498.5
(51) G06K 9/32	(11) EP2674853	(47) 23.01.2019
G06K 9/62	(21) EP13170634.3	(87) US2012036654
(11) EP3079101	(47) 23.01.2019	15.11.2012
(21) EP15198042.2	(22) 05.06.2013	(22) 04.05.2012
(47) 30.01.2019	(54) Information processing system, information processing method, and recording medium	(54) RFID SWITCH TAG
(22) 04.12.2015	(73) Ricoh Company, Ltd.	(73) Neology, Inc.
(54) IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD AND COMPUTER-READABLE STORAGE MEDIUM	(72) Nishida, Takayori	(72) MULLIS, Joe
(73) Toshiba TEC Kabushiki Kaisha	(31) 2012132555	NYALAMADUGU, Sheshi
(72) YASUNAGA, Masaaki	2013031065	(31) 201161483586 P
TAIRA, Kazuki	(32) 12.06.2012	201161487372 P
(31) 201514681899	20.02.2013	(32) 06.05.2011
(32) 08.04.2015	(33) Japan	18.05.2011
(33) United States of America	Japan	(33) United States of America United States of America
(51) G06K 9/32	(51) G06K 15/02	(51) G06K 19/077
G06K 9/62	B41J 11/00	(11) EP3230926
(11) EP3079100	B41J 13/00	(21) EP15805158.1
(21) EP15198036.4	G06K 15/00	(47) 23.01.2019
(47) 30.01.2019	(11) EP2495104	(87) EP2015078550
(22) 04.12.2015	(21) EP12157896.7	16.06.2016
(54) IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD AND COMPUTER READABLE STORAGE MEDIUM	(47) 23.01.2019	(22) 03.12.2015
(73) Toshiba TEC Kabushiki Kaisha	(22) 02.03.2012	(54) METHOD FOR MANUFACTURING AN RFID DEVICE INCLUDING AN ANTENNA CONNECTED TO A WIRED CAPACITOR PLATE
(72) YASUNAGA, Masaaki	(54) Printer and printer control method	(73) Gemalto SA
TAIRA, Kazuki	(73) Seiko Epson Corporation	(72) MENDEZ, Lucile
	(72) Ito, Yuichi	SEBAN, Frédéric
	Sakai, Atsushi	BUYUKKALENDER, Arek
	(31) 2011045451	MERIDIANO, Jean-Luc
	(32) 02.03.2011	(31) 14307004
	(33) Japan	(32) 11.12.2014
	(51) G06K 19/00	(33) European Patent Office (EPO)
	B26D 5/00	(51) G06K 19/077

G06K 7/00	(87) US2009051840	(22) 20.12.2013
G06K 19/07	04.02.2010	(54) DIGITAL SIGNATURES FOR ONLINE
G01K 1/02	(22) 27.07.2009	ADVERTISEMENT SECURITY
(11) EP3232378	(54) CLIENT DEVICE, INFORMATION	(73) Microsoft Technology Licensing, LLC
(21) EP17170351.5	PROCESSING SYSTEM AND	(72) BITRAN, Hadas
(47) 30.01.2019	ASSOCIATED METHODOLOGY OF	SOMECH, Haim
(22) 20.12.2012	ACCESSING NETWORKED SEVICES	OREN, Ishai
(54) SMART POWER SOURCE	(73) Sony Corporation	BARASH, Uri
(73) Duracell U.S. Operations, Inc.	Sony Electronics Inc.	MIZRACHI, Ran
(72) BOURILKOV, Jordan, Todorov	(72) TAKAKURA, Hiroki	(31) 201213721180
SPECHT, Steven, Jeffrey	GERSHNIK, Anna	(32) 20.12.2012
CORONADO HORTAL, Sergio	BEAVER, Brian	(33) United States of America
STEFANOV, Konstantin, Dimitrov	MCCOY, Charles	(51) G06Q 30/02
AYOZ, Suat	(31) 137241 P	H04L 29/06
(31) 201161580379 P	86235 P	G06F 17/30
(32) 27.12.2011	(32) 28.07.2008	G06F 21/57
(33) United States of America	05.08.2008	G06Q 10/06
(51) G06N 3/08	(33) United States of America	G06Q 50/00
(11) EP3340129	United States of America	H04L 12/26
(21) EP16205831.7	(51) G06Q 10/08	(11) EP2942750
(47) 30.01.2019	(11) EP3220328	(21) EP15166012.3
(22) 21.12.2016	(21) EP17157712.5	(47) 30.01.2019
(54) ARTIFICIAL NEURAL NETWORK	(47) 30.01.2019	(22) 30.04.2015
CLASS-BASED PRUNING	(22) 23.02.2017	(54) COMPUTER SYSTEM FOR
(73) Axis AB	(54) SYSTEM FOR CONVEYING ITEMS	DISTRIBUTED DISCOVERY OF
(72) Seibold, Robin	BY MEANS OF INDIVIDUALS OF A	VULNERABILITIES IN APPLICATIONS
Chen, Jiandan	COMMUNITY, USING A SIGNAL OF	(73) Synack, Inc.
Björgvinsdóttir, Hanna	TAKING THE RESPONSABILITY FOR	(72) KAPLAN, Jay
Ljungqvist, Martin	THE PACKAGE BY AN INDIVIDUAL	KUHR, Mark
(51) G06N 99/00	(73) PA.COTTE SA	(31) 201414271110
(11) EP1831935	(72) COTTE, Pierre-Alain	(32) 06.05.2014
(21) EP05823448.5	GAUSSIN, Laurent	(33) United States of America
(47) 30.01.2019	(31) 1652216	(51) G06Q 30/06
(87) CA2005001987	1653572	G06Q 10/08
06.07.2006	(32) 16.03.2016	H04L 12/28
(22) 30.12.2005	22.04.2016	(11) EP3133548
(54) COUPLING METHODS AND	(33) France	(21) EP16178461.6
ARCHITECTURES FOR INFORMATION	France	(47) 23.01.2019
PROCESSING	(51) G06Q 20/00	(22) 07.07.2016
(73) D-Wave Systems Inc.	H04W 4/24	(54) METHOD AND DEVICE FOR
(72) THOM, Murray	(11) EP1829354	GENERATING INFORMATION
BERKLEY, Andrew J.	(21) EP05852818.3	(73) Xiaomi Inc.
VAN DEN BRINK, Alexander Maassen	(47) 23.01.2019	(72) WU, Ke
(31) 640420 P	(87) US2005043705	LIU, Xinyu
247857	15.06.2006	(31) 201510509014
(32) 30.12.2004	(22) 02.12.2005	(32) 18.08.2015
10.10.2005	(54) TRANSACTION PROCESSING	(33) China
(33) United States of America	PLATFORM FOR FACILITATING	(51) G06Q 50/00
United States of America	ELECTRONIC DISTRIBUTION OF	G06F 21/33
(51) G06N 99/00	PLURAL PREPAID SERVICES	H04L 29/06
(11) EP2932444	(73) Ewi Holdings, Inc.	G06F 21/31
(21) EP13821244.4	(72) NEW, Darren	H04L 9/32
(47) 30.01.2019	PASCHINI, Miles	(11) EP2805298
(87) US2013075209	ROSE, Marshall	(21) EP12866335.8
19.06.2014	TAMARI, Roni, Dolev	(47) 23.01.2019
(22) 14.12.2013	HERBINAUX, Larry	(87) FI2012051280
(54) RESOURCE ALLOCATION FOR	HAZEL, Patrick, K.	25.07.2013
MACHINE LEARNING	(31) 7662	(22) 20.12.2012
(73) Microsoft Technology Licensing, LLC	(32) 07.12.2004	(54) METHODS AND APPARATUS FOR
(72) NOWOZIN, Reinhard Sebastian Bernhard	(33) United States of America	RELIABLE AND PRIVACY PROTECTING
LOH, Po-ling	(51) G06Q 30/02	IDENTIFICATION OF PARTIES'
(31) 201213714610	G06F 21/64	MUTUAL FRIENDS AND COMMON
(32) 14.12.2012	G06F 21/62	INTERESTS
(33) United States of America	(11) EP2936413	(73) Nokia Technologies Oy
(51) G06Q 10/00	(21) EP13822031.4	(72) ASOKAN, Nadarajah
(11) EP2321738	(47) 30.01.2019	MIETTINEN, Markus
(21) EP09803438.2	(87) US2013076850	(31) 201213351354
(47) 23.01.2019	26.06.2014	(32) 17.01.2012

- (33) United States of America
 (51) G06T 3/40
 G09G 5/00
 (11) EP2169617
 (21) EP08165441.0
 (47) 23.01.2019
 (22) 29.09.2008
 (54) Translation table
 (73) Daktronics, Inc.
 (72) Gloege, Chad N.
 Mueller, Matthew R.
 Burghardt, Neil R.
 Schulte, Joseph G.
 Wendler, Brett D.
-
- (51) G06T 5/00
 G06T 7/13
 (11) EP3182365
 (21) EP16196685.8
 (47) 30.01.2019
 (22) 01.11.2016
 (54) WRITING BOARD DETECTION AND CORRECTION
 (73) Konica Minolta Laboratory U.S.A., Inc.
 (72) FANG, Gang
 (31) 201514975531
 (32) 18.12.2015
 (33) United States of America
-
- (51) G06T 5/00
 H04N 1/60
 (11) EP3195251
 (21) EP15778806.8
 (47) 23.01.2019
 (87) US2015051190
 24.03.2016
 (22) 21.09.2015
 (54) METHOD TO ENHANCE CONTRAST WITH REDUCED VISUAL ARTIFACTS
 (73) Barco N.V.
 (72) XTHONA, Albert
 QUALMAN, David
 (31) 201462052826 P
 (32) 19.09.2014
 (33) United States of America
-
- (51) G06T 5/20
 G06T 5/00
 (11) EP2754122
 (21) EP12797985.4
 (47) 23.01.2019
 (87) IB2012056041
 16.05.2013
 (22) 31.10.2012
 (54) ADAPTIVE APPLICATION OF METAL ARTIFACT CORRECTION ALGORITHMS
 (73) Koninklijke Philips N.V.
 (72) KOEHLER, Thomas
 BRENDEL, Bernhard, Johannes
 (31) 201161556859 P
 (32) 08.11.2011
 (33) United States of America
-
- (51) G06T 7/00
 G06K 9/00
 (11) EP2973403
 (21) EP14764021.3
 (47) 30.01.2019
 (87) US2014029391
 18.09.2014
 (22) 14.03.2014
- (54) 3-D LOCALIZATION AND IMAGING OF DENSE ARRAYS OF PARTICLES
 (73) The Regents of the University of Colorado
 (72) PIESTUN, Rafael
 BARSIC, Anthony
 (31) 201361791392 P
 (32) 15.03.2013
 (33) United States of America
-
- (51) G06T 7/00
 G06Q 30/00
 G06K 9/00
 G06K 9/18
 G06K 9/32
 G06K 9/46
 G06K 9/62
 (11) EP3171332
 (21) EP16191107.8
 (47) 30.01.2019
 (22) 28.09.2016
 (54) METHODS AND SYSTEMS FOR INSPECTING GOODS
 (73) Nuctech Company Limited
 (72) CHEN, Zhiqiang
 ZHANG, Li
 ZHAO, Ziran
 LIU, Yaohong
 CHENG, Cun
 LI, Qiang
 GU, Jianping
 ZHANG, Jian
 FU, Gang
 (31) 201510795436
 (32) 18.11.2015
 (33) China
-
- (51) G06T 7/00
 G06T 7/20
 G06T 7/215
 (11) EP2904582
 (21) EP13815012.3
 (47) 30.01.2019
 (87) FR2013052381
 10.04.2014
 (22) 07.10.2013
 (54) SYSTEM AND METHOD FOR ESTIMATING A QUANTITY OF INTEREST IN A KINEMATIC SYSTEM BY CONTRAST AGENT TOMOGRAPHY
 (73) Olea Medical
 (72) PAUTOT, Fabrice
 (31) 1259479
 (32) 05.10.2012
 (33) France
-
- (51) G06T 7/00
 G06T 7/507
 G06T 7/11
 (11) EP2405396
 (21) EP11005448.3
 (47) 23.01.2019
 (22) 04.07.2011
 (54) Improved 3D shape estimation from intraluminal images
 (73) Olympus Corporation
 (72) Kanda, Yamato
 Kitamura, Makoto
 Matsuda, Takechiro
 Kono, Takashi
 Hirota, Masashi
 (31) 2010153355
- (32) 05.07.2010
 (33) Japan
-
- (51) G06T 7/174
 G06T 7/593
 G06T 7/11
 (11) EP3036901
 (21) EP14838227.8
 (47) 30.01.2019
 (87) FI2014050541
 26.02.2015
 (22) 01.07.2014
 (54) METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR OBJECT DETECTION AND SEGMENTATION
 (73) Nokia Technologies OY
 (72) UKIL, Soumik
 MUNINDER, Veldandi
 GOVINDARAO, Krishna Annasagar
 (31) 3658CH2013
 (32) 19.08.2013
 (33) India
-
- (51) G06T 7/187
 A61B 6/14
 A61B 6/00
 A61B 5/055
 G06T 7/00
 G06T 11/00
 (11) EP2579778
 (21) EP11726403.6
 (47) 23.01.2019
 (87) EP2011059860
 15.12.2011
 (22) 14.06.2011
 (54) METHOD FOR QUANTIFYING LOCAL BONE CHANGES
 (73) Nobel Biocare Services AG
 (72) VANDENBERGHE, Bart
 (31) 201009725
 (32) 11.06.2010
 (33) United Kingdom
-
- (51) G06T 7/246
 G06T 7/20
 (11) EP2851870
 (21) EP13185423.4
 (47) 23.01.2019
 (22) 20.09.2013
 (54) Method for estimating ego motion of an object
 (73) Application Solutions (Electronics and Vision) Limited
 (72) Sibiryakov, Alexander
-
- (51) G06T 7/33
 (11) EP2688040
 (21) EP13174019.3
 (47) 23.01.2019
 (22) 27.06.2013
 (54) 3D registration of tomographic models using particularly chosen points
 (73) FUJITSU LIMITED
 The University of Tokyo
 (72) Nakagawa, Machiko
 Hisada, Toshiaki
 Sugiura, Seiryu
 Washio, Takumi
 Okada, Jun-ichi
 (31) 2012159660
 (32) 18.07.2012

(33) Japan	(11) EP3262612	(73) ATI Technologies ULC
(51) G06T 7/521	(21) EP16705503.7	Advanced Micro Devices, Inc.
G06T 7/593	(47) 30.01.2019	(72) LEFEBVRE, Laurent
(11) EP2953096	(87) EP2016053485	MANTOR, Michael
(21) EP15170197.6	01.09.2016	FOWLER, Mark
(47) 30.01.2019	(22) 18.02.2016	ALHO, Mikko
(22) 02.06.2015	(54) A METHOD FOR THE	TUOMI, Mika
(54) INFORMATION PROCESSING DEVICE,	RECONSTRUCTION OF QUANTITATIVE	KALLIO, Kiia
INFORMATION PROCESSING METHOD,	IODINE MAPS USING ENERGY	BUSS, Patrick
SYSTEM AND CARRIER MEANS	RESOLVED TOMOGRAPHY	KOMPPA, Jari
(73) Ricoh Company, Ltd.	(73) Koninklijke Philips N.V.	TUOMI, Kaj
(72) Sekiguchi, Hiroyoshi	(72) BRENDL, Bernhard Johannes	BRENNAN, Christopher
Nagashima, Kenji	GRASS, Michael	(31) 201615374752
(31) 2014114711	VAN DE HAAR, Peter George	(32) 09.12.2016
2014154223	VAN DER STERREN, William Edward	(33) United States of America
(32) 03.06.2014	Peter	(51) G06T 15/08
29.07.2014	(31) 15156455	(11) EP2665041
(33) Japan	(32) 25.02.2015	(21) EP13164033.6
Japan	(33) European Patent Office (EPO)	(47) 23.01.2019
(51) G06T 7/73	(51) G06T 11/00	(22) 17.04.2013
(11) EP2715667	G06F 19/00	(54) Method and apparatus for generating volume
(21) EP12724199.0	(11) EP2108162	image
(47) 23.01.2019	(21) EP07847157.0	(73) Samsung Medison Co., Ltd.
(87) US2012036624	(47) 23.01.2019	(72) Song, Joo-hyun
06.12.2012	(87) EP2007062303	Lee, Jin-yong
(22) 04.05.2012	29.05.2008	(31) 20120051064
(54) PLANAR MAPPING AND TRACKING	(22) 14.11.2007	(32) 14.05.2012
FOR MOBILE DEVICES	(54) STUDY NAVIGATION SYSTEM AND	(33) Korea (Republic)
(73) Qualcomm Incorporated	METHOD.	(51) G06T 15/08
(72) PIRCHHEIM, Christian	(73) Agfa HealthCare N.V.	(11) EP3035290
REITMAYR, Gerhard	(72) WEGENKITTL, Rainer	(21) EP14198618.2
(31) 201161490764 P	DENNISON, Donald	(47) 30.01.2019
201213463643	POTWARKA, John	(22) 17.12.2014
(32) 27.05.2011	MROZ, Lukas	(54) Method for generating a display data set
03.05.2012	GALBARI, Scott	with volume renders, computing device and
(33) United States of America	KANITSAR, Armin	computer program
United States of America	ZEILINGER, Gunter	(73) Siemens Healthcare GmbH
(51) G06T 7/73	(31) 562850	(72) Schneider, Robert
(11) EP2741255	(32) 22.11.2006	(51) G06T 15/20
(21) EP13195415.8	(33) United States of America	H04N 19/597
(47) 23.01.2019	(51) G06T 13/40	(11) EP2839437
(22) 03.12.2013	(11) EP2355036	(21) EP13712221.4
(54) Method, system, and robot for processing	(21) EP10176187.2	(47) 23.01.2019
omni-directional image data	(47) 23.01.2019	(87) EP2013056075
(73) Toyota Jidosha Kabushiki Kaisha	(22) 10.09.2010	24.10.2013
(72) Djugash, Joseph Maria Angelo	(54) Parallel operation processing apparatus and	(22) 22.03.2013
(31) 201213706760	method	(54) VIEW SYNTHESIS USING LOW
(32) 06.12.2012	(73) Samsung Electronics Co., Ltd.	RESOLUTION DEPTH MAPS
(33) United States of America	Korea University of Technology and	(73) Telefonaktiebolaget LM Ericsson (publ)
(51) G06T 7/73	Education Industry-University Corporation	(72) JOHANSSON, Björn
G01B 11/00	Foundation	RUSER, Thomas
G01B 11/24	(72) Yoon, Hyung Min	(31) 201261635484 P
(11) EP3285232	Kwon, Oh Young	(32) 19.04.2012
(21) EP16790253.5	Yoo, Byung In	(33) United States of America
(47) 23.01.2019	Lee, Chang Mug	(51) G06T 17/00
(87) CN2016088420	Seo, Hyo Seok	G06T 7/00
11.01.2018	(31) 20100009142	A61B 6/00
(22) 04.07.2016	(32) 01.02.2010	(11) EP2583246
(54) METHOD FOR MATCHING FEATURE	(33) Korea (Republic)	(21) EP11768077.7
POINTS OF PLANAR ARRAY OF FOUR-	(51) G06T 15/00	(47) 30.01.2019
PHASE UNIT AND MEASUREMENT	G06T 15/40	(87) IB2011001687
METHOD ON BASIS THEREOF	(11) EP3333805	22.12.2011
(73) Beijing Qingying Machine Visual	(21) EP16203877.2	(22) 16.06.2011
Technology Co., Ltd.	(47) 30.01.2019	(54) METHOD AND SYSTEM OF
(72) CAO, Liang	(22) 13.12.2016	AUTOMATIC DETERMINATION
YIN, Xing	(54) REMOVING OR IDENTIFYING	OF GEOMETRIC ELEMENTS
(51) G06T 11/00	OVERLAPPING FRAGMENTS AFTER Z-	CHARACTERIZING A BONE
	CULLING	DEFORMATION FROM 3D IMAGE

(73) A ² Surgical	(22) 21.12.2011	(33) Korea (Republic)
(72) CHABANAS, Laurence LAVALLEE, Stéphane TONETTI, Jérôme BYRD, Thomas KELLY, Bryan Talmadge LARSON, Christopher	(54) Safety system and safety method (73) SimonsVoss Technologies GmbH (72) Meyerle, Herbert (31) 10196204 (32) 21.12.2010 (33) European Patent Office (EPO)	(51) G08B 13/196 G05D 1/02 G08B 13/18 G08B 25/10 H04N 7/18 G08B 25/14 G08B 29/18 G08B 13/00 G08B 25/00
(31) 355206 P (32) 16.06.2010 (33) United States of America	(51) G07C 13/00 G07C 13/02	(11) EP2867874 (21) EP13753255.2 (47) 23.01.2019 (87) AT2013050125 03.01.2014 (22) 25.06.2013 (54) INTERACTION BETWEEN A MOBILE ROBOT AND A MONITORING ALARM SYSTEM
(51) G06T 17/00 G06T 7/536 (11) EP2443615 (21) EP10790021.9 (47) 30.01.2019 (87) US2010038594 23.12.2010 (22) 15.06.2010 (54) PIECEWISE PLANAR RECONSTRUCTION OF THREE- DIMENSIONAL SCENES (73) Microsoft Technology Licensing, LLC	(11) EP2120217 (21) EP09160077.5 (47) 23.01.2019 (22) 12.05.2009 (54) Electronic voting apparatus and corresponding method and computer program product (73) Ingenico Group (72) Charles, Bernard Voelckel, Jean-Marc (31) 0853209 (32) 16.05.2008 (33) France	(73) Robart GmbH (72) ARTÉS, Harold SCHAHPAR, Michael ISKRATSCHE, Kai (31) 102012211071 (32) 27.06.2012 (33) Germany
(72) SINHA, Sudipta, Narayan STEEDLY, Drew, Edward SZELISKI, Richard, Stephen (31) 484909 (32) 15.06.2009 (33) United States of America	(51) G07D 1/00 G07D 9/00 G07F 5/24 (11) EP3196843 (21) EP16205364.9 (47) 30.01.2019 (22) 20.12.2016 (54) COIN TELLER MACHINE AND SELF- CHECKOUT APPARATUS (73) Toshiba TEC Kabushiki Kaisha (72) HARAGUCHI, Ryuta (31) 2015257315 (32) 28.12.2015 (33) Japan	(51) G08B 17/107 G08B 17/113 G01N 21/53 (11) EP3029646 (21) EP14195593.0 (47) 30.01.2019 (22) 01.12.2014 (54) Scattered light smoke detector with a two- colour light emitting diode (73) Siemens Schweiz AG (72) Allemann, Martin Schmid, Brigitt Walker, Stefan
(31) 484909 (32) 15.06.2009 (33) United States of America	(51) G07F 1/06 G07F 11/68 (11) EP2388754 (21) EP10186232.4 (47) 23.01.2019 (22) 07.07.2006 (54) Method and device for dispensing coin tokens. (73) Dutchband B.V. (72) Carlier, Taco Jonan (31) 1029451 (32) 07.07.2005 (33) Netherlands	(51) G08B 21/02 G01P 5/00 G05B 15/02 G05B 19/042 G06F 3/0346 H04Q 9/00 H04W 52/02 H04W 88/02 G01P 15/00 (11) EP2609581 (21) EP11731371.8 (47) 23.01.2019 (87) EP2011062025 01.03.2012 (22) 14.07.2011 (54) METHOD AND DEVICE FOR CONTROLLING AN APPARATUS
(51) G06T 19/00 G01C 21/36 G06F 3/0481 (11) EP2506220 (21) EP12160278.3 (47) 23.01.2019 (22) 20.03.2012 (54) A display system (73) SRT Marine System Solutions Limited (72) Goralski, Rafal (31) 201105454 (32) 31.03.2011 (33) United Kingdom	(51) G07C 9/00 (11) EP2283470 (21) EP08796417.7 (47) 23.01.2019 (87) US2008070742 22.10.2009 (22) 22.07.2008 (54) PHYSICAL ACCESS CONTROL USING DYNAMIC INPUTS FROM A PORTABLE COMMUNICATIONS DEVICE (73) SONY MOBILE COMMUNICATIONS INC. (72) CAMP, William BLOEBAUM, Leland Scott VASA, Yojak DUNKO, Gregory (31) 45097 106569 (32) 15.04.2008 21.04.2008 (33) United States of America United States of America	(51) G08B 21/02 G01P 5/00 G05B 15/02 G05B 19/042 G06F 3/0346 H04Q 9/00 H04W 52/02 H04W 88/02 G01P 15/00 (11) EP2609581 (21) EP11731371.8 (47) 23.01.2019 (87) EP2011062025 01.03.2012 (22) 14.07.2011 (54) METHOD AND DEVICE FOR CONTROLLING AN APPARATUS (73) Robert Bosch GmbH (72) SCHIFFERDECKER, Daniel BENNINI, Fouad BARTHOLOMEYCZIK, Julian SCHEIERMANN, Sergej (31) 102010039837 (32) 26.08.2010 (33) Germany
(51) G07C 9/00 G06F 21/00 (11) EP2469481 (21) EP11195017.6 (47) 30.01.2019	(51) G07D 11/00 B65H 31/30 B65H 31/36 B65H 29/18 B65H 29/58 (11) EP2511885 (21) EP10841327.9 (47) 23.01.2019 (87) KR2010009610 07.07.2011 (22) 31.12.2010 (54) AUTOMATIC TELLER MACHINE (73) HYOSUNG TNS INC. (72) CHA, Jin Hwan LEE, Dong Sik (31) 20090136163 (32) 31.12.2009	(51) G08B 21/02 G08B 25/10 G08B 21/18 (11) EP3164855

(21) EP15819151.0	(31) 20150075874	(72) Richard, Xavier
(47) 30.01.2019	(32) 29.05.2015	(31) 14154427
(87) IB2015001106	(33) Korea (Republic)	(32) 10.02.2014
14.01.2016	(51) G08C 17/02	(33) European Patent Office (EPO)
(22) 02.07.2015	(11) EP2733686	(51) G08G 1/0967
(54) PERSONAL HAZARD DETECTION SYSTEM WITH REDUNDANT POSITION REGISTRATION AND COMMUNICATION	(21) EP13193242.8	H04L 29/08
(73) Universal Site Monitoring Unit Trust	(47) 23.01.2019	H04W 56/00
(72) THURLOW, Andrew Charles	(22) 18.11.2013	(11) EP3253086
TASTULA, Emil William	(54) GATEWAY SYSTEM INCLUDING COMMUNICATION MODULE AND METHOD OF DRIVING THE SAME	(21) EP17159037.5
EARL, Timothy Clinton	(73) LG Innotek Co., Ltd.	(47) 30.01.2019
(31) 201462021198 P	(72) Kim, Yull Oh	(22) 03.03.2017
(32) 06.07.2014	(31) 20120131886	(54) COMMUNICATION DEVICE AND METHOD
(33) United States of America	(32) 20.11.2012	(73) Kabushiki Kaisha Toshiba
(51) G08B 21/04	(33) Korea (Republic)	(72) TANDAI, Tomoya
G08B 25/00	(51) G08G 1/01	UCHIDA, Daisuke
(11) EP3304509	(11) EP2936470	KOGAWA, Tsuyoshi
(21) EP16723357.6	(21) EP13815740.9	ADACHI, Tomoko
(47) 23.01.2019	(47) 30.01.2019	(31) 2016107220
(87) EP2016061018	(87) EP2013077655	(32) 30.05.2016
08.12.2016	26.06.2014	(33) Japan
(22) 17.05.2016	(22) 20.12.2013	(51) G08G 1/0968
(54) METHOD, DEVICE, AND SYSTEM FOR TRANSMITTING AND DIFFERENTIATING CONDITIONS UPON THE TRIGGERING OF AN ALARM	(54) METHOD AND SYSTEM FOR LEARNING TRAFFIC EVENTS, AND USE OF THE SYSTEM	(11) EP2869282
(73) King, Rudolf C.	(73) Conti Temic Microelectronic GmbH	(21) EP14191089.3
(72) King, Rudolf C.	Continental Teves AG & Co. OHG	(47) 30.01.2019
(31) 202015003905 U	(72) HEGEMANN, Stefan	(22) 30.10.2014
(32) 05.06.2015	STÄHLIN, Ulrich	(54) Driver behavior based parking availability prediction system and method
(33) Germany	(31) 102012025159	(73) Volkswagen Aktiengesellschaft
(51) G08B 25/08	(32) 21.12.2012	AUDI AG
B60R 21/01	(33) Germany	(72) Sellschopp, Stefan
(11) EP3374978	(51) G08G 1/01	(31) 201314071054
(21) EP16794560.9	G08G 1/015	(32) 04.11.2013
(47) 23.01.2019	H04W 4/02	(33) United States of America
(87) EP2016076785	G01S 11/10	(51) G09B 9/14
18.05.2017	(11) EP2731088	B63B 25/28
(22) 07.11.2016	(21) EP13189984.1	G09B 9/00
(54) METHOD FOR OPERATING A MOTOR VEHICLE, IN WHICH METHOD AN EMERGENCY CALL IS MADE AND IMAGE-BASED INSTRUCTIONS FOR THE OCCUPANTS ARE RECEIVED	(47) 23.01.2019	(11) EP3155605
(73) Audi AG	(22) 24.10.2013	(21) EP15807329.6
(72) LÖFFLER, Jürgen	(54) System, mobile radio device, server and method for providing a local service for mobile radio devices used by a road user	(47) 23.01.2019
(31) 102015014750	(73) ROBERT BOSCH GMBH	(87) US2015035088
(32) 13.11.2015	(72) Balkema, Jan Wietse	17.12.2015
(33) Germany	Poehmueller, Werner	(22) 10.06.2015
(51) G08C 17/00	Schumacher, Jan	(54) COMPENSATED MOTION BASE
(11) EP3098796	(31) 102012220337	(73) OCEANEERING INTERNATIONAL, INC.
(21) EP16163452.2	(32) 08.11.2012	(72) JENNINGS, Clifford Allen
(47) 23.01.2019	(33) Germany	(31) 201462008123 P
(22) 31.03.2016	(51) G08G 1/042	(32) 10.06.2014
(54) REMOTE CONTROL APPARATUS, METHOD OF PROVIDING VIBRATION FEEDBACK THEREOF, AND DISPLAY SYSTEM	G08G 1/14	(33) United States of America
(73) Samsung Electronics Co., Ltd.	G01S 13/04	(51) G09B 21/00
(72) KWON, Sung-hyuk	H04L 29/08	G06F 3/01
NOH, Chang-soo	G01S 7/292	(11) EP1669963
NA, Moon-sung	G01S 13/26	(21) EP05026658.4
MOON, Jong-bo	G01S 13/32	(47) 30.01.2019
LEE, Dong-hun	G01S 13/36	(22) 07.12.2005
CHOI, Won-min	G01S 13/86	(54) Method for improving the visual capacity of a visually impaired person and visual aid
CHOI, Jeong-hye	G01S 13/88	(73) Carl Zeiss AG
	G07B 15/02	(72) Spruck, Bernd
	(11) EP2905765	Rottenkolber, Birgit
	(21) EP14167607.2	Brattke, Simon
	(47) 30.01.2019	Edelmann, Martin
	(22) 08.05.2014	Wurscher, Norbert
	(54) Parking management system	Landsinger, Rüdiger
	(73) Park 24	(31) 102004059249
		102005000820
		(32) 08.12.2004
		06.01.2005

(33) Germany Germany	(54) SECURE COMPUTATION SYSTEM AND RELAY DEVICE, AND METHOD, PROGRAM, AND RECORDING MEDIUM THEREOF	(54) Array substrate, driving method thereof and display device
(51) G09B 23/28	(73) Nippon Telegraph and Telephone Corporation	(73) BOE Technology Group Co., Ltd. Hefei BOE Optoelectronics Technology Co., Ltd.
A61M 5/315	(72) TAKIGUCHI, Hiroyoshi	(72) Wang, Sheng
A61M 5/31	KIRIBUCHI, Naoto	(31) 201210520223
A61M 5/20	MIYATA, Teruko	(32) 06.12.2012
(11) EP2907126	(31) 2014206357	(33) China
(21) EP13776755.4	(32) 07.10.2014	(51) G09G 5/02
(47) 23.01.2019	(33) Japan	G09G 3/20
(87) EP2013070878	(51) G09F 13/22	G09G 3/3216
17.04.2014	G09F 9/33	G09G 3/3225
(22) 08.10.2013	(11) EP3244387	G09G 3/36
(54) AUTOMATIC INJECTION TRAINING DEVICE	(21) EP16190407.3	(11) EP1756796
(73) SHL Medical AG	(47) 30.01.2019	(21) EP05754388.6
(72) ALEXANDERSSON, Oscar	(22) 23.09.2016	(47) 23.01.2019
(31) 1251149	(54) LED DISPLAY SCREEN	(87) US2005019119
201261712299 P	(73) Leyard Optoelectronic Co., Ltd	22.12.2005
(32) 11.10.2012	(72) WANG, Dingfang	(22) 01.06.2005
11.10.2012	(31) 201610286606	(54) COLOR DISPLAY DEVICE WITH ENHANCED PIXEL PATTERN
(33) Sweden	(32) 03.05.2016	(73) Global OLED Technology LLC
United States of America	(33) China	(72) MILLER, Michael Eugene
(51) G09B 29/00	(51) G09G 3/02	MURDOCH, Michael John
H04B 10/116	(11) EP3133581	KANE, Paul James
(11) EP2675084	(21) EP16183792.7	ARNOLD, Andrew Daniel
(21) EP13166426.0	(47) 23.01.2019	ENDRIKHOVSKI, Serguei
(47) 23.01.2019	(22) 11.08.2016	(31) 859314
(22) 03.05.2013	(54) DRIVE SYSTEM, VIDEO DEVICE, IMAGE PROJECTION DEVICE, AND DRIVE CONTROL METHOD	(32) 02.06.2004
(54) Content supplying system which uses spatial light	(73) Ricoh Company, Ltd.	(33) United States of America
(73) VLC Co., Ltd.	(72) TAKAHASHI, Hiroyuki	(51) G10C 3/22
(72) Murayama, Fumitaka	(31) 2015161414	(11) EP3073484
Kurokawa, Hiroyuki	2016121943	(21) EP16161151.2
Narusawa, Hiroki	(32) 18.08.2015	(47) 30.01.2019
(31) 2012136251	20.06.2016	(22) 18.03.2016
2012141046	(33) Japan	(54) SUPPORT ASSEMBLY AND KEYBOARD APPARATUS
(32) 15.06.2012	Japan	(73) YAMAHA CORPORATION
22.06.2012	(51) G09G 3/34	(72) OHBA, Akito
(33) Japan	H02M 1/36	(31) 2015063274
Japan	H02M 3/158	(32) 25.03.2015
(51) G09C 1/00	H04M 1/22	(33) Japan
(11) EP3218893	H05B 33/08	(51) G10H 1/18
(21) EP15794079.2	H02M 1/00	G10H 1/34
(47) 30.01.2019	H02M 3/156	(11) EP2688064
(87) EP2015002221	(11) EP3192065	(21) EP13173552.4
19.05.2016	(21) EP15781808.9	(47) 23.01.2019
(22) 30.10.2015	(47) 23.01.2019	(22) 25.06.2013
(54) HARDENED WHITE BOX IMPLEMENTATION	(87) US2015052749	(54) Keyboard circuit and method for detecting keyboard circuit
(73) Giesecke+Devrient Mobile Security GmbH	07.04.2016	(73) CASIO COMPUTER CO., LTD.
(72) DREXLER, Hermann	(22) 29.09.2015	(72) Kaneko, Yoji
BAUER, Sven	(54) ASYMMETRIC MULTIPHASE BOOST FOR DISPLAY BACKLIGHTS	(31) 2012144582
PULKUS, Jürgen	(73) Apple Inc.	(32) 27.06.2012
(31) 102014016548	(72) PATEL, Parin	(33) Japan
(32) 10.11.2014	HRINYA, Stephen J.	(51) G10H 1/32
(33) Germany	(31) 201414502886	G10H 3/22
(51) G09C 1/00	(32) 30.09.2014	H04R 1/02
G06F 21/60	(33) United States of America	H04R 7/04
H04L 9/08	(51) G09G 3/36	H04R 9/04
H04W 12/04	H01L 27/12	(11) EP2884486
H04L 29/06	G02F 1/1362	(21) EP14197139.0
(11) EP3185234	(11) EP2741333	(47) 30.01.2019
(21) EP15848792.6	(21) EP13194535.4	(22) 10.12.2014
(47) 30.01.2019	(47) 23.01.2019	(54) Installation structure for acoustic transducer
(87) JP2015078009	(22) 26.11.2013	(73) YAMAHA CORPORATION
14.04.2016		(72) Ohnishi, Kenta
(22) 02.10.2015		

(31) 2013255848	23.09.2010	884043 P
(32) 11.12.2013	(22) 09.02.2010	884347 P
(33) Japan	(54) ACTIVE NOISE REDUCTION ADAPTIVE FILTERING	884585 P
(51) G10K 9/22	(73) Bose Corporation	885347 P
H04R 17/00	(72) PAN, Davis W.	885343 P
(11) EP2076061	(31) 408441	889715 P
(21) EP07832363.1	(32) 20.03.2009	955395 P
(47) 30.01.2019	(32) United States of America	(32) 07.12.2006
(87) JP2007072634	(33) United States of America	27.12.2006
05.06.2008	(51) G10L 15/22	05.01.2007
(22) 22.11.2007	G06F 3/16	09.01.2007
(54) ULTRASONIC TRANSDUCER	G10L 15/19	10.01.2007
(73) Murata Manufacturing Co. Ltd.	(11) EP2863300	11.01.2007
(72) HIRANO, Hiroyuki	(21) EP13807663.3	17.01.2007
ASADA, Takaaki	(47) 23.01.2019	17.01.2007
FURUYA, Mio	(87) JP2013064767	13.02.2007
NISHIE, Junichi	27.12.2013	13.08.2007
(31) 2006318329	(22) 28.05.2013	(33) United States of America
(32) 27.11.2006	(54) FUNCTION EXECUTION INSTRUCTION SYSTEM, FUNCTION EXECUTION INSTRUCTION METHOD, AND FUNCTION EXECUTION INSTRUCTION PROGRAM	United States of America
(33) Japan	(73) NTT DOCOMO, INC.	United States of America
(51) G10K 11/00	(72) TSUJINO Kosuke	United States of America
B06B 1/06	(31) 2012137844	United States of America
(11) EP2842642	(32) 19.06.2012	United States of America
(21) EP14176892.9	(33) Japan	United States of America
(47) 30.01.2019	(51) G10L 15/22	G10L 19/02
(22) 14.07.2014	H04M 1/2745	G10L 19/06
(54) Ultrasonic probe and method of manufacturing the same	H04M 1/725	G10L 19/18
(73) Samsung Medison Co., Ltd.	H04W 4/14	(11) EP2284832
(72) Lee, Won Hee	H04M 1/27	(21) EP10167417.4
Seo, Min Seon	H04M 3/42	(47) 23.01.2019
Kim, Bo Yun	H04W 4/12	(22) 25.06.2010
(31) 20130102207	(11) EP3051782	(54) Audio signal encoding apparatus, audio signal decoding apparatus, audio signal encoding process method, audio signal decoding process method, and program
(32) 28.08.2013	(21) EP14848158.3	(73) Sony Corporation
(33) Korea (Republic)	(47) 30.01.2019	(72) Maeda, Yuuji
(51) G10K 11/02	(87) CN2014076150	Matsumoto, Jun
(11) EP2232481	02.04.2015	Toguri, Yasuhiro
(21) EP08863051.2	(22) 24.04.2014	Suzuki, Shiro
(47) 23.01.2019	(54) METHOD AND SYSTEM FOR SENDING CONTACT INFORMATION IN CALL PROCESS	Matsumura, Yuuki
(87) US2008086853	(73) Huizhou TCL Mobile Communication Co., Ltd.	(31) 2009168465
25.06.2009	(72) YANG, Yan	(32) 17.07.2009
(22) 15.12.2008	TANG, Xiangdong	(33) Japan
(54) COMPOSITE PASSIVE MATERIALS FOR ULTRASOUND TRANSDUCERS	(31) 201310453293	(51) G10L 19/02
(73) Boston Scientific Scimed, Inc.	(32) 29.09.2013	G10L 21/038
(72) SADAKA, Alain	(33) China	(11) EP2998959
YUAN, Jian, R.	(51) G10L 19/008	(21) EP15191038.7
(31) 959104	H04S 3/00	(47) 30.01.2019
(32) 18.12.2007	H04S 7/00	(22) 29.02.2008
(33) United States of America	(11) EP2122613	(54) METHOD AND APPARATUS FOR ENCODING HIGH FREQUENCY BAND
(51) G10K 11/02	(21) EP07851289.4	(73) Samsung Electronics Co., Ltd
(11) EP2034471	(47) 30.01.2019	(72) Choo, Ki-Hyun
(21) EP08015585.6	(87) KR2007006318	Porov, Anton
(47) 30.01.2019	12.06.2008	Oh, Eun-Mi
(22) 04.09.2008	(22) 06.12.2007	Kim, Jung-Hoe
(54) Ultrasound probe	(54) A METHOD AND AN APPARATUS FOR PROCESSING AN AUDIO SIGNAL	(31) 20070042035
(73) Krohne AG	(73) LG Electronics Inc.	(32) 30.04.2007
(72) van Bekkum, Aart Jan	(72) OH, Hyen O.	(33) Korea (Republic)
van Klooster, Jeoren Martin	JUNG, Yang Won	(51) G10L 19/035
(31) 102007042663	(31) 869077 P	G10L 19/032
(32) 10.09.2007	877134 P	H03M 7/30
(33) Germany	883569 P	G10L 19/20
(51) G10K 11/178		(11) EP3252762
(11) EP2409297		
(21) EP10704060.2		
(47) 23.01.2019		
(87) US2010023529		

(21) EP17181773.7	CODY, Dervil	G11B 27/34
(47) 30.01.2019	(31) 201411640	(11) EP2144248
(22) 30.09.2013	(32) 30.06.2014	(21) EP09174606.5
(54) ENCODING METHOD, ENCODER, PROGRAM AND RECORDING MEDIUM	(33) United Kingdom	(47) 30.01.2019
(73) Nippon Telegraph and Telephone Corporation	(51) G11B 20/10	(22) 08.08.2006
(72) MORIYA, Takehiro	G11B 27/28	(54) Recording medium and playback apparatus
KAMAMOTO, Yutaka	G11B 27/30	(73) Panasonic Intellectual Property Management Co., Ltd.
HARADA, Noboru	G11B 27/32	(72) McCrossan, Joseph
(31) 2012219153	G11B 27/34	Ikeda, Wataru
(32) 01.10.2012	H04N 21/00	Okada, Tomoyuki
(33) Japan	(11) EP3118854	Kawakami, Yoshio
(51) G10L 19/22	(21) EP15840880.7	(31) 706871 P
(11) EP2559029	(47) 30.01.2019	706897 P
(21) EP11713836.2	(87) JP2015004063	706937 P
(47) 30.01.2019	17.03.2016	707066 P
(87) EP2011055728	(22) 17.08.2015	2006127502
20.10.2011	(54) RECORDING MEDIUM, PLAYBACK DEVICE, AND PLAYBACK METHOD	(32) 09.08.2005
(22) 12.04.2011	(73) Panasonic Intellectual Property Corporation of America	09.08.2005
(54) METHOD AND ENCODER AND DECODER FOR GAP-LESS PLAYBACK OF AN AUDIO SIGNAL	(72) YAHATA, Hiroshi	09.08.2005
(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	TOMA, Tadamasu	01.05.2006
(72) DÖHLA, Stefan	(31) 201462048385 P	(33) United States of America
SPERSCHNEIDER, Ralf	201562109262 P	United States of America
(31) 323440 P	2015135393	United States of America
(32) 13.04.2010	(32) 10.09.2014	United States of America
(33) United States of America	29.01.2015	Japan
(51) G10L 21/02	06.07.2015	(51) G11C 7/10
(11) EP2559032	(33) United States of America	(11) EP2171719
(21) EP11714298.4	United States of America	(21) EP08780275.7
(47) 30.01.2019	Japan	(47) 23.01.2019
(87) EP2011055889	(51) G11B 20/10	(87) US2008008864
20.10.2011	H03H 17/02	29.01.2009
(22) 14.04.2011	G10L 19/26	(22) 21.07.2008
(54) APPARATUS, METHOD AND COMPUTER PROGRAM FOR GENERATING A WIDEBAND SIGNAL USING GUIDED BANDWIDTH EXTENSION AND BLIND BANDWIDTH EXTENSION	(11) EP3029674	(54) SYNCHRONOUS MEMORY DEVICES AND CONTROL METHODS FOR PERFORMING BURST WRITE OPERATIONS
(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	(21) EP14196063.3	(73) Cypress Semiconductor Corporation
(72) NAGEL, Frederik	(47) 30.01.2019	(72) NAGAI, Kenji
NEUENDORF, Max	(22) 03.12.2014	(31) 2007187763
SCHNELL, Markus	(54) Mastering improvements to audio signals	(32) 19.07.2007
MULTRUS, Markus	(73) Craven, Peter Graham	(33) Japan
(31) 324962 P	REINET S.À.R.L.	(51) G11C 7/10
(32) 16.04.2010	(72) Craven, Peter Graham	G11C 11/417
(33) United States of America	Stuart, John Robert	(11) EP3252774
(51) G11B 7/24044	(51) G11B 20/12	(21) EP17172088.1
G03H 1/02	G11B 20/18	(47) 30.01.2019
G03C 1/73	G11B 7/007	(22) 19.05.2017
(11) EP3161826	(11) EP2405434	(54) MEMORY CIRCUIT SUITABLE FOR PERFORMING COMPUTING OPERATIONS
(21) EP15731952.6	(21) EP11182010.6	(73) Commissariat à l'Energie Atomique et aux Energies Alternatives
(47) 30.01.2019	(47) 23.01.2019	(72) NOEL, Jean-Philippe
(87) EP2015064619	(22) 27.02.2004	AKYEL, Kaya Can
07.01.2016	(54) Method and apparatus for managing disc defect and disc therefor	(31) 1654623
(22) 26.06.2015	(73) Samsung Electronics Co., Ltd.	(32) 24.05.2016
(54) A HOLOGRAPHIC RECORDING COMPOSITION	(72) Lee, Kyung-Geun	(33) France
(73) Dublin Institute of Technology	Ko, Jung-Wan	(51) G11C 7/10
(72) MARTIN, Suzanne	Hwang, Sung-Hee	G11C 11/56
TOAL, Vincent	(31) 20030012953	G11C 16/10
MIHAYLOVA, Emilia	20030016495	(11) EP2798637
NAYDENOVA, Izabela	20040005640	(21) EP12812475.7
	(32) 03.03.2003	(47) 23.01.2019
	17.03.2003	(87) US2012070360
	29.01.2004	04.07.2013
	(33) Korea (Republic)	(22) 18.12.2012
	Korea (Republic)	
	Korea (Republic)	
	(51) G11B 27/32	
	G11B 27/10	
	G11B 27/11	

(54) METABLOCK SIZE REDUCTION USING ON CHIP PAGE SWAPPING BETWEEN PLANES	VALI, Tommaso NASO, Giovanni SARIN, Vishal	G11C 29/52 G11C 16/34 G06F 11/10
(73) SanDisk Technologies LLC	RADKE, William Henry	(11) EP2669895
(72) SPROUSE, Steven	PEKNY, Theodore T.	(21) EP13169541.3
GOROBETS, Sergey, Anatolievich	(31) 201113219439	(47) 23.01.2019
(31) 201113341543	(32) 26.08.2011	(22) 28.05.2013
(32) 30.12.2011	(33) United States of America	(54) Stress-based techniques for detecting an imminent readfailure in a non-volatile memory array
(33) United States of America	(51) G11C 13/00	(73) NXP USA, Inc.
(51) G11C 7/16	G11C 11/00	(72) Eguchi, Richard K.
(11) EP1217625	G11C 29/24	He, Chen
(21) EP01000751.6	G11C 29/42	(31) 201213483968
(47) 23.01.2019	G11C 29/44	(32) 30.05.2012
(22) 12.12.2001	G11C 29/50	(33) United States of America
(54) Removable face plate compressed digital music player	G06F 11/10	(51) G16H 20/30
(73) Texas Instruments Incorporated	(11) EP3098815	(11) EP2122521
(72) Estevez, Leonardo W.	(21) EP16160734.6	(21) EP07855250.2
(31) 255855 P	(47) 30.01.2019	(47) 23.01.2019
(32) 15.12.2000	(22) 16.03.2016	(87) US2007088042
(33) United States of America	(54) METHODS AND SYSTEMS FOR DETECTING AND CORRECTING ERRORS IN NONVOLATILE MEMORY	03.07.2008
(51) G11C 11/00	(73) Winbond Electronics Corp.	(22) 19.12.2007
G11C 7/10	(72) Lien, Chuen-Der	(54) RATE ADAPTIVE CARDIAC PACING SYSTEMS AND METHODS
G11C 8/12	Shieh, Ming-Huei	(73) Cardiac Pacemakers, Inc.
H01L 27/115	Lin, Chi-shun (Elbert)	(72) SHUROS, Allan Charles
G06F 12/06	(31) 201514724899	HOPPER, Donald L.
(11) EP2025001	(32) 29.05.2015	KANE, Michael John
(21) EP07795704.1	(33) United States of America	(31) 613740
(47) 23.01.2019	(51) G11C 16/04	(32) 20.12.2006
(87) US2007013127	H01L 27/11558	(33) United States of America
21.12.2007	G11C 16/10	(51) G16H 20/40
(22) 01.06.2007	(11) EP3232442	A61N 5/10
(54) HYBRID MEMORY DEVICE WITH SINGLE INTERFACE	(21) EP17166177.0	(11) EP2435940
(73) Microsoft Technology Licensing, LLC	(47) 30.01.2019	(21) EP10726286.7
(72) PANABAKER, Ruston	(22) 12.04.2017	(47) 30.01.2019
CREASY, Jack	(54) ERASABLE PROGRAMMABLE NON-VOLATILE MEMORY	(87) IB2010052266
(31) 449435	(73) eMemory Technology Inc.	02.12.2010
(32) 07.06.2006	(72) LI, Chun-Hsiao	(22) 21.05.2010
(33) United States of America	CHEN, Wei-Ren	(54) A METHOD AND DEVICE FOR SIDE-EFFECT PROGNOSIS AND MONITORING
(51) G11C 11/16	CHEN, Hsueh-Wei	(73) Koninklijke Philips N.V.
H01F 10/32	(31) 201662322237 P	(72) RIBBING, Carolina
H01F 41/30	(32) 13.04.2016	WEIBRECHT, Martin
(11) EP2741296	(33) United States of America	BACHMANN, Peter, Klaus
(21) EP12290429.5	(51) G11C 17/16	PERKUHN, Michael
(47) 30.01.2019	H04L 9/32	LIERFELD, Marco, Daniel, Pascal
(22) 07.12.2012	G11C 17/18	PINKAWA, Michael
(54) Self-referenced magnetic random access memory (MRAM) and method for writing to the MRAM cell with increased reliability and reduced power consumption	(11) EP3309790	(31) 09161384
(73) Crocus Technology S.A.	(21) EP17195951.3	(32) 28.05.2009
(72) Stainer, Quentin	(47) 30.01.2019	(33) European Patent Office (EPO)
(22) 07.12.2012	(22) 11.10.2017	(51) G16H 20/40
(54) ANTIFUSE PHYSICALLY UNCLONABLE FUNCTION UNIT AND ASSOCIATED CONTROL METHOD	(54) ANTIFUSE PHYSICALLY UNCLONABLE FUNCTION UNIT AND ASSOCIATED CONTROL METHOD	A61N 5/10
(73) eMemory Technology Inc.	(73) eMemory Technology Inc.	(11) EP3047410
(72) WU, Meng-Yi	(72) WU, Meng-Yi	(21) EP14759211.7
CHEN, Hsin-Ming	CHEN, Hsin-Ming	(47) 30.01.2019
(31) 201662406968 P	(31) 201662406968 P	(87) EP2014069021
201715726470	201715726470	26.03.2015
(32) 12.10.2016	(32) 12.10.2016	(22) 08.09.2014
06.10.2017	(33) United States of America	(54) METHOD AND DEVICE FOR IMPROVED RADIATION THERAPY TREATMENT OF A SET OF TARGETS
(33) United States of America	United States of America	(73) Brainlab AG
(51) G11C 29/50	(51) G11C 29/50	(72) VILSMEIER, Stefan
G11C 29/42	G11C 29/42	(31) PCT/EP2013/002846
G11C 29/04	G11C 29/04	(32) 20.09.2013
G11C 29/06	G11C 29/06	

(33) World Intellectual Property Office (WIPO)	CONTAINING REACTIVE SODIUM	H01B 1/04
(51) G16H 30/20	METAL	(11) EP3078031
A61B 6/00	(73) Ge-Hitachi Nuclear Energy Americas LLC	(21) EP14806391.0
(11) EP3225166	(72) LOEWENE, Eric, P.	(47) 30.01.2019
(21) EP17161486.0	TRIPLETT, Brian, S.	(87) GB2014053560
(47) 30.01.2019	DOOIES, Brett, J.	11.06.2015
(22) 17.03.2017	(31) 201213609890	(22) 01.12.2014
(54) RADIOGRAPHING SYSTEM, MOBILE	(32) 11.09.2012	(54) MANUFACTURING CONDUCTIVE THIN
TERMINAL, RADIOGRAPHING	(33) United States of America	FILMS COMPRISING GRAPHENE AND
APPARATUS, RADIOGRAPHING	(51) G21C 7/14	METAL NANOWIRES
METHOD, AND STORAGE MEDIUM	(11) EP2820652	(73) M-Solv Ltd
(73) Canon Kabushiki Kaisha	(21) EP13784539.2	(72) DALTON, Alan Brian
(72) TANAKA, Ryo	(47) 23.01.2019	JUREWICZ, Izabela
(31) 2016074473	(87) US2013025659	SATO, Lester Taku
(32) 01.04.2016	07.11.2013	(31) 201321244
(33) Japan	(22) 12.02.2013	(32) 02.12.2013
(51) G16H 40/63	(54) CONTROL ROD DRIVE MECHANISM	(33) United Kingdom
(11) EP1805683	("CRDM") ASSEMBLY FOR A NUCLEAR	(51) H01B 3/12
(21) EP05813778.7	REACTOR	C04B 35/48
(47) 23.01.2019	(73) Westinghouse Electric Company LLC	(11) EP2924693
(87) US2005038741	(72) ALLEN, Bruce F.	(21) EP15159883.6
04.05.2006	FALVO, Gregory E.	(47) 30.01.2019
(22) 27.10.2005	(31) 201213406876	(22) 19.03.2015
(54) DATA COLLECTION DEVICE, SYSTEM,	(32) 28.02.2012	(54) DIELECTRIC COMPOSITION AND
METHOD, AND COMPUTER PROGRAM	(33) United States of America	ELECTRONIC COMPONENT
PRODUCT FOR COLLECTING DATA	(51) G21F 9/00	(73) TDK Corporation
RELATED TO THE DISPENSING OF	G21C 17/01	(72) Masaoka, Raitarou
CONTRAST MEDIA	B08B 1/04	Kaneko, Toshihiko
(73) ACIST Medical Systems, Inc.	G21C 17/013	Yamashita, Yuki
(72) WILLIAMS, Robert C. Jr.	G21C 19/20	Uchiyama, Hiroki
HARTMAN, Steven	B08B 1/00	Takeda, Saori
TENGGCO, Tito	G21C 13/02	Sezai, Yuji
GODFREY, Clark	(11) EP3291243	Ootsuki, Shirou
CROSS-HANSEN, Alan	(21) EP15890665.1	(31) 2014068513
(31) 622477 P	(47) 23.01.2019	2014245701
(32) 27.10.2004	(87) ES2015070358	(32) 28.03.2014
(33) United States of America	03.11.2016	04.12.2014
(51) G21C 3/33	(22) 30.04.2015	(33) Japan
G21C 21/16	(54) DEVICE FOR CLEANING THE COVER	Japan
(11) EP3127122	FLANGE OF THE REACTOR VESSEL IN	(51) H01B 7/36
(21) EP15793124.7	A NUCLEAR PLANT	G09F 3/06
(47) 30.01.2019	(73) INGENIERIA Y MARKETING, S.A.	G09F 3/20
(87) US2015015521	(72) LACALLE BAYO, Jesús	G09F 3/16
19.11.2015	(51) H01B 1/10	(11) EP2989642
(22) 12.02.2015	H01B 1/06	(21) EP14718984.9
(54) LOW PRESSURE DROP NUCLEAR FUEL	H01B 13/00	(47) 30.01.2019
ASSEMBLY	H01M 10/052	(87) EP2014058189
(73) Westinghouse Electric Company Llc	H01M 10/0562	30.10.2014
(72) BROACH, Kirkland D.	H01M 6/18	(22) 23.04.2014
LEWIS, Michael L.	C03C 4/18	(54) CONDUCTOR MARKER
PETERSON, Mark W.	C03C 3/32	(73) Weidmüller Interface GmbH & Co. KG
HUEGEL, David S.	(11) EP2602795	(72) WIENEKE, Andreas
FRICK, Peyton M.	(21) EP10855634.1	(31) 202013101786 U
(31) 201414243954	(47) 30.01.2019	(32) 25.04.2013
(32) 03.04.2014	(87) JP2010063325	(33) Germany
(33) United States of America	09.02.2012	(51) H01B 12/06
(51) G21C 3/52	(22) 05.08.2010	H01B 12/04
G21C 3/58	(54) SULFIDE SOLID ELECTROLYTE GLASS,	H01L 39/24
G21F 9/30	LITHIUM SOLID-STATE BATTERY, AND	(11) EP3117468
G21F 9/00	METHOD FOR PRODUCING SULFIDE	(21) EP15762233.3
(11) EP2896047	SOLID ELECTROLYTE GLASS	(47) 23.01.2019
(21) EP13760146.4	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(87) US2015017105
(47) 23.01.2019	(72) HAMA, Shigenori	17.09.2015
(87) US2013054814	OHTOMO, Takamasa	(22) 23.02.2015
20.03.2014	KATO, Yuki	(54) METHODS AND SYSTEMS FOR
(22) 14.08.2013	KAWAMOTO, Koji	PREPARING SUPERCONDUCTORS FOR
(54) METHODS AND APPARATUS FOR	(51) H01B 1/22	REACTION AND INTEGRATION
STABILIZING NUCLEAR FUEL	H01B 1/24	(73) Luvata Waterbury, Inc.

(72) PYON, Taeyoung KANITHI, Hem	SAKUMA, Daisuke HAGA, Kazuaki	METHOD OF MANUFACTURING SMALL ELECTRONIC COMPONENT
(31) 201414205940	(31) 2013269204	(73) Sumida Corporation
(32) 12.03.2014	(32) 26.12.2013	(72) UCHIKOBA, Fumio
(33) United States of America	(33) Japan	OTSUKA, Tsutomu
(51) H01B 13/00	(51) H01F 7/06	KAWARAI, Mitsugu
H01L 33/62	H01L 21/027	TAKAHASHI, Motomi
B22F 1/00	H02K 41/02	(31) 201510456966
H01B 1/22	H01F 27/16	(32) 29.07.2015
H01L 23/00	H02K 9/19	(33) China
(11) EP2407980	H02K 9/22	(51) H01F 27/04
(21) EP10802279.9	H02K 3/24	H01B 17/30
(47) 23.01.2019	H01F 5/00	F16L 5/10
(87) JP2010062231	H01F 7/08	(11) EP3273452
27.01.2011	(11) EP3041006	(21) EP17179503.2
(22) 21.07.2010	(21) EP14843006.9	(47) 30.01.2019
(54) METHOD FOR PRODUCING CONDUCTIVE MATERIAL, CONDUCTIVE MATERIAL OBTAINED BY THE SAME METHOD, ELECTRONIC DEVICE CONTAINING THE CONDUCTIVE MATERIAL, AND LIGHT- EMITTING DEVICE	(47) 30.01.2019	(22) 04.07.2017
(73) Nichia Corporation	(87) JP2014073299	(54) SEAL FOR A CONDUIT FOR A TRANSFORMER WITH FLUID ISOLATION
(72) KURAMOTO, Masafumi	12.03.2015	(73) Preis & Co Ges.m.b.H.
OGAWA, Satoru	(22) 04.09.2014	(72) GEZER, Seyfi
NIWA, Miki	(54) COOLING STRUCTURE FOR ELECTROMAGNETIC COIL, AND ELECTROMAGNETIC ACTUATOR	(31) 506042016
SUGANUMA, Katsuaki	(73) CKD CORPORATION	(32) 07.07.2016
KIM, Keun-Soo	(72) ITO, Akihiro	(33) Austria
(31) 2009170526	KOUKETSU, Masayuki	(51) H01F 27/25
(32) 21.07.2009	MORIMOTO, Shigeru	H01F 27/28
(33) Japan	YOSHIMOTO, Hiromitsu	H01F 3/10
(51) H01C 1/142	TANAKA, Koji	H01F 30/16
H01C 7/02	(31) 2013182810	H01F 27/245
H01C 7/04	(32) 04.09.2013	G05F 3/04
H01C 7/10	(33) Japan	(11) EP3073498
(11) EP2237287	(51) H01F 7/08	(21) EP14864244.0
(21) EP09706226.9	H01F 7/16	(47) 30.01.2019
(47) 23.01.2019	H01F 3/14	(87) CN2014091694
(87) JP2009051075	H01F 41/02	28.05.2015
06.08.2009	(11) EP2694851	(22) 19.11.2014
(22) 23.01.2009	(21) EP12767279.8	(54) AC PERMANENT-MAGNET GAIN TRANSFORMER DEVICE AND VOLTAGE REGULATION CONTROL METHOD THEREOF
(54) CHIP-TYPE SEMICONDUCTOR CERAMIC ELECTRONIC COMPONENT	(47) 23.01.2019	(73) Dai, Shanshan
(73) Murata Manufacturing Co., Ltd.	(87) US2012032364	(72) DAI, Shanshan
(72) KATSUKI, Takayo	11.10.2012	ZHU, Shizhu
ABE, Yoshiaki	(22) 05.04.2012	(31) 201310584381
(31) 2008017063	(54) SOLENOID HOUSING WITH ELONGATED CENTER POLE	(32) 20.11.2013
(32) 29.01.2008	(73) Indimet Inc.	(33) China
(33) Japan	(72) MEHTA, Shreyas, R.	(51) H01F 27/28
(51) H01F 1/057	(31) 201161472844 P	H01F 27/32
H01F 41/02	201213439409	H01F 38/10
B22F 3/10	(32) 07.04.2011	H01F 27/30
C22C 38/00	04.04.2012	(11) EP3159903
C22C 38/06	(33) United States of America	(21) EP16193904.6
C22C 38/16	United States of America	(47) 23.01.2019
C22F 1/16	(51) H01F 27/02	(22) 14.10.2016
(11) EP3087574	H01F 27/30	(54) RESONANT HIGH CURRENT DENSITY TRANSFORMER
(21) EP14835567.0	H01F 27/255	(73) Yujing Technology Co., Ltd.
(47) 30.01.2019	H01F 41/02	(72) YANG, Sen-Tai
(87) IB2014002836	H01F 1/26	(31) 104133675
02.07.2015	H01F 27/24	(32) 14.10.2015
(22) 19.12.2014	H01F 27/28	(33) Taiwan, Province of China
(54) METHOD OF MANUFACTURING RARE EARTH MAGNET	H05K 1/18	(51) H01F 30/14
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(11) EP3125256	H02M 1/12
(72) SAKUMA, Noritsugu	(21) EP16181744.0	H02M 5/14
SHOJI, Tetsuya	(47) 30.01.2019	(11) EP2593946
	(22) 28.07.2016	(21) EP10854797.7
	(54) SMALL ELECTRONIC COMPONENT, ELECTRONIC CIRCUIT BOARD, AND	(47) 23.01.2019

(87) SE2010050847 19.01.2012	(72) Miao, Juchang Zhai, Yong	JAEGGI, Philipp BIGLER, Walter
(22) 15.07.2010	Ma, Jianxin	(51) H01G 9/012
(54) A MULTIPHASE TRANSFORMER RECTIFIER UNIT	Gao, Enfeng	H01G 9/10
(73) Saab AB	Song, Yanling	H01G 9/14
(72) KRUSE, Lennart	Diao, Shulin	H01G 9/26
BJÖRK SVENSSON, Johan	Dong, Yi	H01G 9/055
QVARNSTRÖM, Ola	Yi, Haibo	H01G 9/048
SKÖLD, Claes-Göran	Wu, Shujie	H01G 9/07
(51) H01F 38/14	Yuan, Yi	H01G 9/15
(11) EP2791950	Chen, Ya	H01G 9/042
(21) EP12810162.3	Yuan, Wenjie	(11) EP3226270
(47) 23.01.2019	(31) 201510514589	(21) EP17160877.1
(87) EP2012075189 20.06.2013	(32) 20.08.2015	(47) 23.01.2019
(22) 12.12.2012	(33) China	(22) 14.03.2017
(54) PLUG DEVICE FOR CONTACT-FREE INDUCTIVE ENERGY TRANSFER AND OPERATING METHOD FOR SUCH A PLUG DEVICE	(51) H01G 4/18	(54) SOLID ELECTROLYTIC CAPACITOR
(73) Weidmüller Interface GmbH & Co. KG	C08J 5/18	(73) Murata Manufacturing Co., Ltd.
(72) GRÜNBERG, Olaf	C08L 23/12	(72) NOBUTA, Tomoki
STEINMETZ, Andreas	C08L 23/16	FUJIMOTO, Kazumasa
(31) 102011056265	(11) EP3163592	YOKOKURA, Osamu
(32) 12.12.2011	(21) EP15815133.2	(31) 2016069888
(33) Germany	(47) 23.01.2019	(32) 31.03.2016
(51) H01F 38/18	(87) JP2015060060 07.01.2016	(33) Japan
(11) EP2513925	(22) 31.03.2015	(51) H01G 9/02
(21) EP09852356.6	(54) BIAXIALLY STRETCHED POLYPROPYLENE FILM FOR CAPACITOR	H01G 9/06
(47) 30.01.2019	(73) Oji Holdings Corporation	H01G 9/08
(87) SE2009051435 23.06.2011	(72) TANIKE, Toshiaki	H01G 9/26
(22) 16.12.2009	TERANO, Minoru	H01G 9/10
(54) A HIGH POWER ELECTRICAL DISTRIBUTION SYSTEM	KATADA, Ikki	H01G 9/145
(73) Saab AB	ISHIWATA, Tadakazu	H01G 9/042
(72) DERMARK, Daniel	NAKATA, Masahiro	(11) EP3163593
(51) H01F 38/18 F03B 13/10	(31) 2014134863	(21) EP16196403.6
(11) EP2711947	(32) 30.06.2014	(47) 30.01.2019
(21) EP13182981.4	(33) Japan	(22) 28.10.2016
(47) 23.01.2019	(51) H01G 4/32	(54) HIGH VOLTAGE TANTALUM CAPACITOR WITH IMPROVED CATHODE/SEPARATOR DESIGN
(22) 04.09.2013	H01G 4/008	(73) Greatbatch Ltd.
(54) A power transfer device	(11) EP3207552	(72) Muffoletto, Barry C.
(73) Rolls-Royce plc	(21) EP15787488.4	Perez, Anthony C.
(72) Anthony, John	(47) 23.01.2019	Hahl, Jason T.
Chong, Ellis	(87) EP2015073540 21.04.2016	(31) 201562248695 P
Palethorpe, Benjamin	(22) 12.10.2015	(32) 30.10.2015
Hartley, Andrew	(54) METHOD FOR PRODUCING A COMPACT MICRO- OR NANOCAPACITOR, AND COMPACT MICRO- OR NANOCAPACITOR	(33) United States of America
(31) 201216961	(73) Leibniz-Institut für Festkörper- und Werkstoffforschung Dresden e.V.	(51) H01H 1/16
201216963	(72) SCHMIDT, Oliver G.	H01H 1/36
(32) 24.09.2012	(31) 102014220669	H01H 9/38
24.09.2012	(32) 13.10.2014	H01H 9/10
(33) United Kingdom	(33) Germany	H01H 9/34
United Kingdom	(51) H01G 5/14	(11) EP3211648
(51) H01F 41/02	H01G 5/38	(21) EP16157919.8
F27D 3/00	(11) EP2810287	(47) 23.01.2019
F27D 7/02	(21) EP12702532.8	(22) 29.02.2016
F27D 19/00	(47) 23.01.2019	(54) SWITCHING CONTACT ASSEMBLY
F27D 21/00	(87) EP2012051865 08.08.2013	(73) Wöhner GmbH & Co. KG Elektrotechnische Systeme
(11) EP3121828	(22) 03.02.2012	(72) MASEL, Joram
(21) EP16157097.3	(54) VARIABLE VACUUM CAPACITOR	STEINBERGER, Philipp
(47) 23.01.2019	(73) Comet AG	(51) H01H 9/22
(22) 24.02.2016	(72) ABRECHT, Mike	H01H 71/56
(54) INFILTRATION DEVICE AND METHOD	TANNER, Roger	(11) EP3208818
(73) Tianhe (Baotou) Advanced Tech Magnet Co., Ltd.	MILDNER, Mark, Joachim	(21) EP17156598.9
		(47) 23.01.2019
		(22) 17.02.2017
		(54) REMOTE CONTROL APPARATUS FOR AN ELECTRICAL DEVICE IN AN ELECTRICAL PANEL
		(73) Schneider Electric Industries SAS

(72) SINTHOMEZ, Daniel PITIS, Florent	(33) Germany	(72) BORDET, Bruno URANKAR, Lionel
(31) 1651364	(51) H01H 37/14	(31) 1657867
(32) 19.02.2016	H01H 37/54	(32) 23.08.2016
(33) France	(11) EP3147925	(33) France
(51) H01H 11/00	(21) EP14892404.6	(51) H01J 1/304
H01H 71/08	(47) 30.01.2019	H01J 35/06
(11) EP3330993	(87) JP2014063705	(11) EP3238225
(21) EP17165451.0	26.11.2015	(21) EP15820149.1
(47) 30.01.2019	(22) 23.05.2014	(47) 30.01.2019
(22) 07.04.2017	(54) HEAT-REACTIVE SWITCH	(87) EP2015080990
(54) MOLDED CASE CIRCUIT BREAKER	(73) Ubukata Industries Co., Ltd.	30.06.2016
(73) LSIS Co., Ltd.	(72) HORI, Tomohiro	(22) 22.12.2015
(72) PARK, Jae-Won	YAMAGUCHI, Yoshio	(54) HIGH-ENERGY ELECTRON SOURCE
(31) 20160163755	(51) H01H 71/02	MADE FROM CNT WITH OFFSET
(32) 02.12.2016	H01H 71/68	ELECTROMAGNETIC WAVE CONTROL
(33) Korea (Republic)	H01H 71/66	ELEMENT
(51) H01H 13/705	(11) EP3240007	(73) THALES
H01H 13/85	(21) EP17161103.1	(72) MAZELLIER, Jean-Paul
(11) EP3234974	(47) 30.01.2019	LEGAGNEUX, Pierre
(21) EP15804673.0	(22) 15.03.2017	GANGLOFF, Laurent
(47) 30.01.2019	(54) SOLENOID ACTUATED CIRCUIT	ANDRIANIAZY, Florian
(87) EP2015002386	BREAKER WITH LOCKING CLIP	PONARD, Pascal
23.06.2016	(73) CARLING TECHNOLOGIES, Inc.	(31) 1402973
(22) 27.11.2015	(72) SORENSON, Richard, Sr.	(32) 23.12.2014
(54) OPERATOR CONTROL DEVICE FOR	FASANO, Michael	(33) France
A VEHICLE, IN PARTICULAR A	BUGRYN, James	(51) H01J 7/18
PASSENGER CAR	(31) 201615141188	H01J 29/94
(73) Audi AG	(32) 28.04.2016	F24S 40/46
(72) WACHINGER, Michael	(33) United States of America	F24S 40/40
(31) 102014019248	(51) H01H 71/04	(11) EP2427700
(32) 19.12.2014	H02H 3/04	(21) EP10720733.4
(33) Germany	H02H 9/04	(47) 23.01.2019
(51) H01H 15/00	H01H 71/08	(87) EP2010056249
H01H 1/58	H01H 71/02	11.11.2010
H01H 9/26	(11) EP3309812	(22) 07.05.2010
H05K 1/18	(21) EP17195846.5	(54) GETTER SUPPORT STRUCTURE FOR A
H01H 11/00	(47) 30.01.2019	SOLAR THERMAL POWER PLANT
(11) EP3352191	(22) 11.10.2017	(73) Siemens Concentrated Solar Power Ltd.
(21) EP17152865.6	(54) COLLECTING BROADCASTING	(72) BARKAI, Menashe
(47) 23.01.2019	COMMUNICATION DEVICE	(31) 185087 P
(22) 24.01.2017	(73) PHOENIX CONTACT GmbH & Co. KG	176148 P
(54) PROGRAM SWITCH AND MODULAR	(72) Berg, Peter	(32) 08.06.2009
PROGRAM SWITCH ARRANGEMENT	Pförtner, Steffen	07.05.2009
FOR MOUNTING ON A PRINTED	(31) 93258	(33) United States of America
CIRCUIT BOARD AND METHOD FOR	(32) 11.10.2016	United States of America
PRODUCING SUCH A PROGRAM	(33) Luxembourg	(51) H01J 31/50
SWITCH ARRANGEMENT	(51) H01H 71/68	H01J 29/86
(73) Würth Elektronik eiSos GmbH & Co. KG	(11) EP3255648	H01J 9/26
(72) Hsu, Mei-Ting	(21) EP17000938.5	(11) EP1328957
Gerfer, Alexander	(47) 23.01.2019	(21) EP01963996.2
(51) H01H 37/04	(22) 05.06.2017	(47) 30.01.2019
B60R 16/03	(54) COMPACT CONTROL MODULE FOR	(87) US2001025447
H01H 37/34	AUTOMATIC RESET DEVICES	07.03.2002
H01H 37/52	(73) GEWISS S.p.A.	(22) 15.08.2001
H01H 37/54	(72) Bosatelli, Domenico	(54) IMAGING DETECTOR COMPRISING
(11) EP3211651	(31) UA20164207	A VACUUM TUBE HOUSING
(21) EP17155669.9	(32) 08.06.2016	COMPRISING A PLURALITY OF
(47) 23.01.2019	(33) Italy	INTERMEDIATE PLANAR PLATES
(22) 26.02.2015	(51) H01H 71/68	HAVING NON-MONOTONICALLY
(54) THERMAL SAFETY SWITCH	H01H 89/08	APERTURE ARRANGEMENT
(73) Ellenberger & Poensgen GmbH	(11) EP3288059	(73) INTEVAC, INC.
(72) KOOPS, Dietmar	(21) EP17187020.7	(72) COSTELLO, Kenneth
SCHNEIDER, Ewald	(47) 23.01.2019	(31) 652516
ULLERMANN, Wolfgang	(22) 21.08.2017	(32) 31.08.2000
(31) 102014004106	(54) COMMANDABLE TRIP UNIT FOR AN	(33) United States of America
(32) 21.03.2014	ELECTRICAL CIRCUIT BREAKER	(51) H01J 37/20
	(73) Schneider Electric Industries SAS	(11) EP3226279

(21) EP17163154.2	(11) EP2539917	31.12.2014
(47) 30.01.2019	(21) EP11713044.3	(22) 19.06.2014
(22) 27.03.2017	(47) 23.01.2019	(54) PHOTOCURABLE COMPOSITION AND METHODS FOR OPTICAL COMPONENT BY USING THE SAME
(54) SAMPLE HOLDER AND FOCUSED ION BEAM APPARATUS	(87) IB2011000363	(73) Canon Kabushiki Kaisha
(73) Hitachi High-Tech Science Corporation	01.09.2011	(72) YONEZAWA, Shiori
(72) IWAHORI, Toshiyuki	(22) 22.02.2011	ITO, Toshiki
ONISHI, Tsuyoshi	(54) GAS DELIVERY SYSTEM FOR MASS SPECTROMETER REACTION AND COLLISION CELLS	YAMASHITA, Keiji
(31) 2016064337	(73) DH Technologies Development Pte. Ltd.	CHIBA, Keiko
(32) 28.03.2016	(72) BADIEI, Hamid R.	KAWASAKI, Youji
(33) Japan	KAHEN, Kaveh	(31) 2013133539
(51) H01J 37/244	(31) 308748 P	2013247134
H01J 37/317	(32) 26.02.2010	2014109338
H01J 49/02	(33) United States of America	(32) 26.06.2013
(11) EP3289601	(51) H01J 63/04	29.11.2013
(21) EP16723276.8	H01J 63/06	27.05.2014
(47) 23.01.2019	H01J 61/30	(33) Japan
(87) EP2016059565	(11) EP3035368	Japan
03.11.2016	(21) EP14198645.5	Japan
(22) 28.04.2016	(47) 30.01.2019	(51) H01L 21/20
(54) APPARATUS FOR DETECTING INDIVIDUAL CHARGED PARTICLES AND MATERIAL PROCESSING SYSTEM HAVING SUCH AN APPARATUS	(22) 17.12.2014	H01L 21/316
(73) Leibniz-Institut für Oberflächenmodifizierung e. V.	(54) Field emission light source	H01L 21/762
(72) GERLACH, Jürgen W.	(73) Nanyang Technological University	H01L 21/02
MEIJER, Jan	LightLab Sweden AB	H01L 21/304
PEZZAGNA, Sèbastian	(72) Tirén, Jonas	(11) EP1939927
RAUSCHENBACH, Bernd	Demir, Hilmi Volkan	(21) EP07024695.4
RAUSCHENBACH, Stephan	(51) H01L 21/027	(47) 23.01.2019
SPEMANN, Daniel	B29C 59/02	(22) 20.12.2007
(31) 102015106769	C08F 2/44	(54) Method of manufacturing a bonded wafer
(32) 30.04.2015	C08F 2/50	(73) SUMCO CORPORATION
(33) Germany	B29C 33/60	(72) Okuda, Hidehiko SUMCO CORPORATION
(51) H01J 49/00	C08K 5/05	Kusaba, Tatsumi SUMCO CORPORATION
G01N 33/00	C08F 220/18	Endo, Akihiko SUMCO CORPORATION
G01N 33/68	(11) EP3000122	(31) 2006350138
(11) EP3091562	(21) EP14818779.2	2007287991
(21) EP16176190.3	(47) 30.01.2019	(32) 26.12.2006
(47) 30.01.2019	(87) JP2014003311	06.11.2007
(22) 27.12.2011	31.12.2014	(33) Japan
(54) QUANTITATION OF INSULIN BY MASS SPECTROMETRY	(22) 19.06.2014	Japan
(73) Quest Diagnostics Investments LLC	(54) PHOTOCURABLE COMPOSITION AND METHODS FOR OPTICAL COMPONENT BY USING THE SAME	(51) H01L 21/268
(72) CHEN, Zhaohui	(73) Canon Kabushiki Kaisha	H01L 21/302
CLARKE, Nigel	(72) HONMA, Takeshi	H01L 21/3065
(31) 201061427749 P	ITO, Toshiki	H01L 21/20
(32) 28.12.2010	YONEZAWA, Shiori	(11) EP2962326
(33) United States of America	CHIBA, Keiko	(21) EP14711828.5
(51) H01J 49/00	YAMASHITA, Keiji	(47) 30.01.2019
H01J 49/42	(31) 2013133538	(87) FR2014050397
(11) EP2108185	2013247135	04.09.2014
(21) EP07866268.1	2014109339	(22) 25.02.2014
(47) 23.01.2019	(32) 26.06.2013	(54) PROCESS FOR TREATING A STRUCTURE
(87) EP2007011429	29.11.2013	(73) Soitec
10.07.2008	27.05.2014	(72) KONONCHUK, Oleg
(22) 27.12.2007	(33) Japan	(31) 1300439
(54) PARALLEL MASS ANALYSIS	Japan	(32) 26.02.2013
(73) Thermo Fisher Scientific (Brem) GmbH	Japan	(33) France
(72) MAKAROV, Alexander Alekseevich	(51) H01L 21/027	(51) H01L 21/306
HORNING, Stevan Roy	B29C 59/02	B08B 7/00
(31) 0626027	C08F 2/44	H01L 21/67
(32) 29.12.2006	C08F 20/50	(11) EP3073517
(33) United Kingdom	C08F 2/50	(21) EP16160127.3
(51) H01J 49/24	C08K 5/05	(47) 23.01.2019
G05D 7/06	(11) EP3000121	(22) 14.03.2016
H01J 49/10	(21) EP14818475.7	(54) SUBSTRATE PROCESSING METHOD AND SUBSTRATE PROCESSING APPARATUS
	(47) 30.01.2019	(73) SCREEN Holdings Co., Ltd.
	(87) JP2014003313	

- (72) Kitagawa, Hiroaki
Miya, Katsuhiko
(31) 2015061188
(32) 24.03.2015
(33) Japan
-
- (51) H01L 21/316
H01L 21/768
(11) EP1094508
(21) EP00122684.4
(47) 30.01.2019
(22) 18.10.2000
(54) Method for forming a low K dielectric composite layer in integrated circuits structures
(73) LSI Logic Corporation
(72) Catabay, Wilbur G.
Schinella, Richard
(31) 426056
(32) 22.10.1999
(33) United States of America
-
- (51) H01L 21/316
H01L 21/768
H01L 23/532
(11) EP1094509
(21) EP00122688.5
(47) 23.01.2019
(22) 18.10.2000
(54) Low dielectric constant silicon oxide-based dielectric layer for integrated circuit structures having improved compatibility with via filler materials, and method of making same
(73) LSI Logic Corporation
(72) Catabay, Wilbur G.
Hsia, Wei-Jen
Li, Weidan
Zhao, Joe
(31) 426061
(32) 22.10.1999
(33) United States of America
-
- (51) H01L 21/329
H01L 29/872
H01L 21/04
H01L 29/16
H01L 29/47
H01L 29/06
(11) EP2790225
(21) EP12854962.3
(47) 23.01.2019
(87) JP2012077858
13.06.2013
(22) 29.10.2012
(54) METHOD FOR MANUFACTURING SILICON CARBIDE SEMICONDUCTOR DEVICE
(73) Sumitomo Electric Industries, Ltd.
(72) WADA, Keiji
MASUDA, Takeyoshi
(31) 2011267604
(32) 07.12.2011
(33) Japan
-
- (51) H01L 21/48
H01L 23/42
(11) EP3270410
(21) EP17178138.8
(47) 30.01.2019
(22) 27.06.2017
- (54) SYSTEMS AND METHODS OF APPLYING THERMAL INTERFACE MATERIALS
(73) Laird Technologies, Inc.
(72) Strader, Jason L.
Kittel, Mark D.
(31) 201615207444
(32) 11.07.2016
(33) United States of America
-
- (51) H01L 21/56
H01L 21/78
H01L 25/00
(11) EP3011588
(21) EP14750526.7
(47) 30.01.2019
(87) FR2014051478
24.12.2014
(22) 16.06.2014
(54) METHOD FOR TRANSFERRING A LAYER OF CIRCUITS
(73) Soitec
(72) BROEKAART, Marcel
MARINIER, Laurent
(31) 1355765
(32) 19.06.2013
(33) France
-
- (51) H01L 21/67
H01L 21/683
(11) EP2667407
(21) EP13180205.0
(47) 23.01.2019
(22) 01.09.2009
(54) Method for releasing a product substrate (e.g., a semiconductor wafer) from a support substrate using a solvent and acoustic waves by deformation of a flexible film mounted on a frame
(73) EV Group GmbH
(72) Lindner, Friedrich Paul
Burggraf, Jürgen
-
- (51) H01L 23/06
H01L 33/56
H01L 33/48
(11) EP2548222
(21) EP11707165.4
(47) 30.01.2019
(87) EP2011053385
22.09.2011
(22) 07.03.2011
(54) OPTOELECTRONIC COMPONENT AND METHOD FOR PRODUCING SAME
(73) OSRAM Opto Semiconductors GmbH
(72) KRÄUTER, Gertrud
(31) 102010011428
(32) 15.03.2010
(33) Germany
-
- (51) H01L 23/31
H01L 23/433
H01L 21/56
H01L 23/498
H01L 25/07
(11) EP2816599
(21) EP14184802.8
(47) 30.01.2019
(22) 03.08.2009
(54) Power semiconductor device
(73) Mitsubishi Electric Corporation
(72) Sudo, Shingo
- Ota, Tatsuo
Yoshida, Hiroshi
Shikano, Taketoshi
(31) 2009025171
(32) 05.02.2009
(33) Japan
-
- (51) H01L 23/31
H01L 23/50
H01L 23/498
H01L 21/60
H01L 23/495
H01L 21/56
H01L 23/49
(11) EP1941544
(21) EP06813368.5
(47) 30.01.2019
(87) US2006031287
08.03.2007
(22) 09.08.2006
(54) MICROELECTRONIC DEVICES HAVING INTERMEDIATE CONTACTS FOR CONNECTION TO INTERPOSER SUBSTRATES, AND ASSOCIATED METHODS OF PACKAGING MICROELECTRONIC DEVICES WITH INTERMEDIATE CONTACTS
(73) Micron Technology, Inc.
(72) FEE, Setho, Sing
(31) 217629
(32) 31.08.2005
(33) United States of America
-
- (51) H01L 23/31
H01L 23/522
H01L 27/08
(11) EP1182703
(21) EP01119376.0
(47) 23.01.2019
(22) 10.08.2001
(54) Semiconductor device having integrated capacitor and/or inductor
(73) LAPIS Semiconductor Co., Ltd.
OUME ELECTRONICS CO., LTD.
(72) Tahara, Iwao
Mihara, Ichiro
Aoki, Yutaka, c/o Patent Dept., Development Div.
(31) 2000243765
2000243783
(32) 11.08.2000
11.08.2000
(33) Japan
Japan
-
- (51) H01L 23/40
H01L 25/11
H01L 23/051
H02M 7/00
H01L 23/473
(11) EP2533285
(21) EP12171123.8
(47) 23.01.2019
(22) 07.06.2012
(54) Stack of electronic components held in a pressed stack
(73) GE Energy Power Conversion Technology Limited
(72) Baerd, Henri
Renaud, Guillaume
(31) 1155101

(32) 10.06.2011	(11) EP3125282	(21) EP13164997.2
(33) France	(21) EP14886877.1	(47) 23.01.2019
(51) H01L 23/495	(47) 30.01.2019	(22) 23.04.2013
H01L 23/433	(87) JP2014058585	(54) MOS-transistor structure as light sensor
H01L 23/31	01.10.2015	(73) NXP B.V.
(11) EP2057665	(22) 26.03.2014	(72) Bretschneider, Ernst
(21) EP07836688.7	(54) SURFACE-MOUNT HIGH-FREQUENCY	(51) H01L 27/146
(47) 23.01.2019	CIRCUIT	(11) EP3232473
(87) US2007017768	(73) Mitsubishi Electric Corporation	(21) EP17174629.0
21.02.2008	(72) YUASA, Takeshi	(47) 23.01.2019
(22) 10.08.2007	ISHIDA, Kiyoshi	(22) 21.04.2015
(54) SEMICONDUCTOR DEVICE AND	TSUKAHARA, Yoshihiro	(54) MASKED PIXEL ARRAYS
METHOD FOR MANUFACTURING A	NISHIGUCHI, Kohei	(73) Goodrich Corporation
SEMICONDUCTOR DEVICE HAVING	(51) H01L 25/075	(72) RENCS, Erik V.
IMPROVED HEAT DISSIPATION	H01L 33/50	RICHARDSON, Jennifer S.
CAPABILITIES	H01L 33/58	(31) 201414259543
(73) Vishay General Semiconductor LLC	(11) EP2382673	(32) 23.04.2014
(72) CHOU, Ta-Te	(21) EP09798937.0	(33) United States of America
ZHANG, Xiong-Jie	(47) 30.01.2019	(51) H01L 27/15
LI, Xian	(87) EP2009067888	H01L 33/08
FU, Hai	29.07.2010	H01L 33/20
TIAN, Yong-Qi	(22) 23.12.2009	H01L 33/32
(31) 837353 P	(54) OPTOELECTRONIC SEMICONDUCTOR	H01L 33/38
827042	COMPONENT AND METHOD OF ITS	H01L 33/62
(32) 11.08.2006	FABRICATION	H01L 23/00
09.07.2007	(73) OSRAM Opto Semiconductors GmbH	(11) EP2290715
(33) United States of America	(72) ENGL, Moritz	(21) EP10184721.8
United States of America	SORG, Jörg Erich	(47) 23.01.2019
(51) H01L 23/495	ZEILER, Thomas	(22) 01.08.2003
H01L 23/492	REILL, Joachim	(54) Semiconductor light-emitting device, method
H01L 25/07	(31) 102009005907	for manufacturing the same, and light-
(11) EP3213344	(32) 23.01.2009	emitting apparatus including the same
(21) EP15766449.1	(33) Germany	(73) Nichia Corporation
(47) 30.01.2019	(51) H01L 27/02	(72) Kususe, Takeshi
(87) EP2015071221	H01L 29/866	Sakamoto, Takahiko
06.05.2016	H01L 21/329	(31) 2002225043
(22) 16.09.2015	H01L 29/06	2002256884
(54) LEADFRAME FOR A SEMICONDUCTOR	H01L 29/36	(32) 01.08.2002
COMPONENT, CIRCUIT	(11) EP2725615	02.09.2002
ARRANGEMENT COMPRISING A	(21) EP12190455.1	(33) Japan
LEADFRAME	(47) 23.01.2019	(51) H01L 27/32
(73) Conti Temic microelectronic GmbH	(22) 29.10.2012	B60K 35/00
(72) POLA, Olivier	(54) Semiconductor device comprising a diode	(11) EP1773618
WALK, Michael	and a bipolar transistor and method for	(21) EP05767566.2
(31) 102014222334	producing such a device	(47) 30.01.2019
(32) 31.10.2014	(73) IMEC VZW	(87) EP2005007574
(33) Germany	(72) Hellings, Geert	02.02.2006
(51) H01L 23/525	Scholz, Mirko	(22) 13.07.2005
H01L 23/62	Linten, Dimitri	(54) DISPLAY DEVICE FOR A MOTOR
H01L 27/02	(51) H01L 27/06	VEHICLE
H01L 29/861	H01L 29/778	(73) Volkswagen Aktiengesellschaft
(11) EP2991110	(11) EP2333822	(72) DUPONT, Cedric
(21) EP15181918.2	(21) EP10015287.5	ROSARIO, Daniel
(47) 30.01.2019	(47) 30.01.2019	STOSCHEK, Arne
(22) 21.08.2015	(22) 03.12.2010	(31) 590136 P
(54) CIRCUIT PROTECTION DEVICE	(54) High voltage durability III-nitride	(32) 22.07.2004
(73) Littelfuse Electronics (Shanghai) Co., Ltd.	semiconductor device	(33) United States of America
(72) FANG, Yan	(73) Infineon Technologies Americas Corp.	(51) H01L 27/32
WANG, Bin	(72) Briere, Michael A.	H01L 51/52
YE, Jianzhe	(31) 653467	H01R 4/70
GUO, Tao	(32) 14.12.2009	H05B 33/10
LIU, Jianyong	(33) United States of America	H05K 3/32
(31) 201420481154 U	(51) H01L 27/144	H05K 3/36
(32) 25.08.2014	H01L 27/146	H05K 1/02
(33) China	H04N 5/378	H05K 1/03
(51) H01L 23/66	G01J 1/42	(11) EP2529607
H01L 23/482	G01J 1/46	(21) EP11704856.1
H05K 1/02	(11) EP2797114	

(47) 23.01.2019	H01L 29/20	(87) US2006014673
(87) NL2011050064	(11) EP2517253	23.11.2006
04.08.2011	(21) EP10843444.0	(22) 19.04.2006
(22) 31.01.2011	(47) 23.01.2019	(54) HIGH VOLTAGE SILICON CARBIDE
(54) ASSEMBLY AND METHOD OF	(87) US2010058784	DEVICES HAVING BI-DIRECTIONAL
MANUFACTURING AN ASSEMBLY	21.07.2011	BLOCKING CAPABILITIES AND
(73) Nederlandse Organisatie voor toegepast-	(22) 02.12.2010	METHODS OF FABRICATING THE
natuurwetenschappelijk onderzoek TNO	(54) CONDUCTIVITY IMPROVEMENTS FOR	SAME
(72) VAN HECK, Gerardus Titus	III-V SEMICONDUCTOR DEVICES	(73) Cree, Inc.
DE KOK, Margaretha Maria	(73) Intel Corporation	(72) RYU, Sei-Hyung
VAN DEN BRAND, Jeroen	(72) KAVALIEROS, Jack, T.	JENNY, Jason, R.
(31) 10152129	RACHMADY, Willy	DAS, Mrinal, K.
(32) 29.01.2010	MUKHERJEE, Niloy	HOBGOOD, Hudson, McDonald
(33) European Patent Office (EPO)	RADOSAVLJEVIC, Marko	AGARWAL, Anant, K.
(51) H01L 29/08	GOE, Niti	PALMOUR, John, W.
H01L 29/10	LEE, Yong Ju	(31) 131880
H01L 29/74	MAJHI, Prashant	159972
H01L 29/744	TSAI, Wilman	(32) 18.05.2005
(11) EP2517249	DEWEY, Gilbert	23.06.2005
(21) EP10796344.9	(31) 646711	(33) United States of America
(47) 30.01.2019	(32) 23.12.2009	United States of America
(87) EP2010069590	(33) United States of America	
30.06.2011	(51) H01L 29/78	(51) H01L 31/0216
(22) 14.12.2010	H01L 21/336	H01L 31/167
(54) Integrated gate commutated power thyristor	H01L 21/285	(11) EP3223317
(73) ABB Schweiz AG	(11) EP2659514	(21) EP16161321.1
(72) RAHIMO, Munaf	(21) EP11854145.7	(47) 23.01.2019
(31) 09180284	(47) 23.01.2019	(22) 21.03.2016
(32) 22.12.2009	(87) US2011066271	(54) OPTOCOUPLER
(33) European Patent Office (EPO)	05.07.2012	(73) Pepperl + Fuchs GmbH
(51) H01L 29/735	(22) 20.12.2011	(72) OFENLOCH, Thomas
H01L 21/331	(54) N-CHANNEL TRANSISTORS HAVING	(51) H01L 31/0224
H01L 21/8249	A REDUCED CONTACT RESISTANCE	(11) EP2092570
H01L 21/8222	BY USING A III-V SEMICONDUCTOR	(21) EP07815199.0
H01L 21/8248	INTERLAYER	(47) 23.01.2019
H01L 27/06	(73) Intel Corporation	(87) AT2007000548
H01L 29/08	(72) MUKHERJEE, Niloy	12.06.2008
H01L 21/225	DEWEY, Gilbert	(22) 05.12.2007
H01L 29/10	RADOSAVLJEVIC, Marko	(54) LAYERED STRUCTURE
H01L 21/265	CHAU, Robert S.	(73) ASMAG-Holding GmbH
(11) EP2897171	METZ, Matthew V.	(72) PADINGER, Franz
(21) EP15155549.7	(31) 982083	SCHRÖTER, Klaus
(47) 30.01.2019	(32) 30.12.2010	(31) 20182006
(22) 19.12.2008	(33) United States of America	(32) 05.12.2006
(54) Semiconductor device comprising	(51) H01L 29/86	(33) Austria
lateral bipolar transistor and method for	H01L 21/328	(51) H01L 31/0224
manufacturing the same	(11) EP2700089	(11) EP2317560
(73) SVEUCILISTE U ZAGREBU FAKULTET	(21) EP12774630.3	(21) EP10013506.0
ELEKTROTEHNIKE I RACUNARSTVA	(47) 23.01.2019	(47) 30.01.2019
(72) Koricic, Marko	(87) US2012030904	(22) 11.10.2010
Suligoj, Tomislav	26.10.2012	(54) Solar cell
Mochizuki, Hidenori	(22) 28.03.2012	(73) LG ELECTRONICS INC.
Morita, Soichi	(54) SELECT DEVICES	(72) Lee, Jinhyung
(31) 2007328783	(73) Micron Technology, Inc.	Ahn, Junyong
2008092288	(72) RAMASWAMY, D.V. Nirmal	Lee, Younghyun
2008195016	SANDHU, Gurtej S.	(31) 20090105511
(32) 20.12.2007	(31) 201113089648	(32) 03.11.2009
31.03.2008	(32) 19.04.2011	(33) Korea (Republic)
29.07.2008	(33) United States of America	(51) H01L 31/0224
(33) Japan	(51) H01L 29/87	H01L 31/05
Japan	H01L 29/74	H01L 31/048
Japan	H01L 29/739	(11) EP2413369
(51) H01L 29/778	H01L 29/06	(21) EP10015240.4
H01L 21/335	H01L 29/24	(47) 30.01.2019
H01L 21/225	H01L 21/04	(22) 02.12.2010
H01L 29/423	(11) EP1882274	(54) Solar cell panel
H01L 29/47	(21) EP06750663.4	(73) LG ELECTRONICS INC.
H01L 29/66	(47) 23.01.2019	(72) Hong, Jongkyoung
		Kim, Jongdae

(31) 20100073363	13.01.2017	(54) Light emitting device
(32) 29.07.2010	25.01.2017	(73) LG Innotek Co., Ltd.
(33) Korea (Republic)	(33) Korea (Republic)	(72) Son, Hyo Kun
(51) H01L 31/0352	Korea (Republic)	(31) 20090116993
H01L 31/075	Korea (Republic)	(32) 30.11.2009
H01L 31/18	Korea (Republic)	(33) Korea (Republic)
(11) EP2221877	(51) H01L 33/00	(51) H01L 33/32
(21) EP09174024.1	C09C 3/08	H01L 33/24
(47) 23.01.2019	C08K 9/04	H01L 33/02
(22) 26.10.2009	(11) EP2041806	H01L 33/00
(54) Solar cell including silicon nano wire and method for fabricating solar cell	(21) EP07836032.8	(11) EP2398076
(73) Korea Institute Of Industrial Technology	(47) 23.01.2019	(21) EP11175467.7
(72) Jeong, Chaehwan	(87) US2007015709	(47) 23.01.2019
Jeon, Minsung	17.01.2008	(22) 26.07.2011
Kim, Jin Hyeok	(22) 10.07.2007	(54) Light emitting device
Ko, Hang Ju	(54) SUBSTANTIALLY TRANSPARENT MATERIAL FOR USE WITH LIGHT-EMITTING DEVICE	(73) LG Innotek Co., Ltd.
Lee, Suk Ho	(73) Cabot Corporation	(72) Jeong, Jong Pil
(31) 20090013459	(72) BHANDARKAR, Suhas	(31) 20100058781
20090013465	LI, Zhifeng	(32) 21.06.2010
20090101154	(31) 487030	(33) Korea (Republic)
(32) 18.02.2009	(32) 14.07.2006	(51) H01L 33/38
18.02.2009	(33) United States of America	G02F 1/13357
23.10.2009	(51) H01L 33/00	H01L 33/44
(33) Korea (Republic)	H01L 33/20	H01L 33/00
Korea (Republic)	H01L 33/22	F21K 9/00
Korea (Republic)	(11) EP2426741	H01L 33/22
(51) H01L 31/048	(21) EP11158123.7	H01L 33/62
H01L 31/02	(47) 30.01.2019	(11) EP2408029
(11) EP2680316	(22) 14.03.2011	(21) EP11173174.1
(21) EP12749234.6	(54) Method of fabricating a semiconductor light emitting device	(47) 30.01.2019
(47) 23.01.2019	(73) ALPAD Corporation	(22) 08.07.2011
(87) JP2012054416	(72) Zaima, Kotaro	(54) Light emitting device
30.08.2012	Gotoda, Toru	(73) LG Innotek Co., Ltd.
(22) 23.02.2012	Oka, Toshiyuki	(72) Cho, Hyun Kyong
(54) SOLAR CELL MODULE AND MANUFACTURING METHOD THEREOF	Nunoue, Shinya	Kwon, Ho Ki
(73) Panasonic Intellectual Property Management Co., Ltd.	(31) 2010198699	(31) 20100067115
(72) ISHIGURO Tasuku	(32) 06.09.2010	(32) 12.07.2010
SAKUMA Toshiyuki	(33) Japan	(33) Korea (Republic)
YOSHIMINE Yukihiko	(51) H01L 33/00	(51) H01L 33/50
SAITA Atsushi	H01L 33/20	C09K 11/64
(31) 2011038147	H01L 33/32	C09K 11/72
(32) 24.02.2011	H01L 21/205	(11) EP3176838
(33) Japan	H01L 33/08	(21) EP17151144.7
(51) H01L 31/0745	(11) EP1641051	(47) 30.01.2019
H01L 31/0747	(21) EP05108467.1	(22) 29.02.2012
H01L 31/18	(47) 23.01.2019	(54) WHITE LIGHT SOURCE
H01L 31/068	(22) 15.09.2005	(73) Kabushiki Kaisha Toshiba
H01L 31/0216	(54) Group III-nitride light emitting diode on textured substrate and method of manufacturing the same	Toshiba Materials Co., Ltd.
(11) EP3297043	(73) Lumileds Holding B.V.	(72) Itoga, Tatsunori
(21) EP17174988.0	(72) KIM, Andrew, Y., c/o Lumileds Lighting, U.S. LLC	Yamakawa, Masahiko
(47) 23.01.2019	MARANOWSKI, Steven, A.	Ooya, Yasumasa
(22) 08.06.2017	(31) 950000	(31) 2011057246
(54) SOLAR CELL AND METHOD FOR MANUFACTURING THE SAME	(32) 23.09.2004	(32) 15.03.2011
(73) LG Electronics Inc.	(33) United States of America	(33) Japan
(72) KIM, Chungyi	(51) H01L 33/10	(51) H01L 33/50
YANG, Youngsung	H01L 33/24	H01L 33/20
CHOI, Jaewoo	H01L 33/00	B82Y 20/00
HEO, Mihee	H01L 33/20	H01L 33/08
(31) 20160119425	(11) EP2328188	H01L 33/44
20160119419	(21) EP10190500.8	H01L 33/04
20170006183	(47) 23.01.2019	H01L 33/32
20170011969	(22) 09.11.2010	(11) EP2506321
(32) 19.09.2016		(21) EP11160026.8
19.09.2016		(47) 23.01.2019
		(22) 28.03.2011
		(54) Light-emitting diode chip
		(73) Osram Opto Semiconductors GmbH

(72) Ristic, Jelena, Dr. Straßburg, Martin, Dr. Lefebvre, Pierre, Dr.	(47) 30.01.2019	18.06.2009
(51) H01L 35/34 H01L 35/32 H01L 35/08	(87) JP2009003833 18.03.2010	(22) 01.12.2008
(11) EP2641281	(22) 10.08.2009	(54) WHITE OLED WITH BLUE LIGHT- EMITTING LAYERS
(21) EP11802543.6	(54) USE OF A SELF-PINNED SPIN VALVE	(73) Global OLED Technology LLC
(47) 23.01.2019	MAGNETORESISTANCE EFFECT FILM	(72) HATWAR, Tukaram, Kisan SPINDLER, Jeffrey, Paul
(87) JP2011006455 24.05.2012	(73) Hitachi Metals, Ltd.	(31) 954083
(22) 18.11.2011	(72) ONO, Tomoki	(32) 11.12.2007
(54) THERMOELECTRIC CONVERSION ELEMENT MODULE	ABE, Yasunori	(33) United States of America
(73) Panasonic Intellectual Property Management Co., Ltd.	SHIRASAKI, Fumio	(51) H01L 51/52 H01L 51/56 H01L 27/32
(72) HIGASHIDA, Takaaki TOYODA, Kaori KUBO, Takashi OHIDO, Yoshihisa HIRATA, Nobuaki TANIGUCHI, Yasushi	(31) 2008235477	(11) EP3179530
(31) 2010257591	(32) 12.09.2008	(21) EP16201360.1
(32) 18.11.2010	(33) Japan	(47) 23.01.2019
(33) Japan	(51) H01L 51/00	(22) 30.11.2016
(51) H01L 37/02 H01L 41/317 H01L 41/45	H01L 51/56 H01L 51/50	(54) DISPLAY DEVICE AND FABRICATING METHOD THEREOF
(11) EP3069390	(11) EP3291319	(73) LG Display Co., Ltd. Industry-Academic Cooperation Foundation, Yonsei University
(21) EP14805987.6	(21) EP16186262.8	(72) KIM, Ho-Jin YOO, ChoongKeun LEE, YongBaek KIM, Hyungjun OH, Il-Kwon SEO, Seunggi
(47) 30.01.2019	(47) 23.01.2019	(31) 20150168701
(87) FR2014052725 21.05.2015	(22) 30.08.2016	(32) 30.11.2015
(22) 27.10.2014	(54) METHOD FOR PREPARING AN ORGANIC SEMICONDUCTOR LAYER	(33) Korea (Republic)
(54) PROCESS FOR MANUFACTURING A PYROELECTRIC AND/OR PIEZOELECTRIC DEVICE	(73) Novald GmbH	(51) H01L 51/52 H05B 33/12 G02B 5/04
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives	(72) Runge, Steffen Rothe, Carsten Frey, Julien Gölfert, Uwe	(11) EP2416622
(72) ALIANE, Abdelkader	(31) 0509410	(21) EP10758511.9
(31) 1361162	0509411	(47) 30.01.2019
(32) 15.11.2013	(32) 09.05.2005	(87) JP2010055164 07.10.2010
(33) France	09.05.2005	(22) 25.03.2010
(51) H01L 41/053	(33) United Kingdom United Kingdom	(54) EL PANEL, AND ILLUMINATING DEVICE AND DISPLAY DEVICE USING EL PANEL
(11) EP3172774	(51) H01L 51/46 C09D 11/033 H01L 21/336 H01L 29/786 H01L 31/10	(73) Toppan Printing Co., Ltd.
(21) EP15760082.6	(11) EP3219765	(72) MORONAGA Kohhei HOMMA Hideaki KAGOTANI Akihito
(47) 23.01.2019	(21) EP15858678.4	(31) 2009085371
(87) DE2015200411 28.01.2016	(47) 30.01.2019	(32) 31.03.2009
(22) 22.07.2015	(87) JP2015081270 19.05.2016	(33) Japan
(54) ACTUATOR DEVICE	(22) 06.11.2015	(51) H01L 51/54 C07D 209/86 C07D 209/88 C07D 409/14 C09K 11/06
(73) Physik Instrumente (PI) GmbH & Co. KG	(54) INK COMPOSITION AND PHOTOELECTRIC CONVERSION ELEMENT PRODUCED USING SAME	(11) EP2521197
(72) MARTH, Harry PERTSCH, Patrick ZHAO, Oskar Xiabin	(73) Sumitomo Chemical Company, Ltd.	(21) EP10840918.6
(31) 102014214318 102014116708	(72) SHEN, Xiaoxiao NAKATANI, Tomoya	(47) 30.01.2019
(32) 23.07.2014	(31) 2014230429	(87) JP2010073022 07.07.2011
(33) Germany Germany	(32) 13.11.2014	(22) 21.12.2010
(51) H01L 43/08 G01D 5/245 B82Y 25/00 H01F 10/32 G01R 33/09	(33) Japan	(54) ORGANIC ELECTROLUMINESCENT ELEMENT
(11) EP2323189	(51) H01L 51/50 H01L 51/52 H01L 51/54	(73) NIPPON STEEL & SUMIKIN CHEMICAL CO., LTD.
(21) EP09812833.3	(11) EP2220701	(72) OGAWA Junya KAI Takahiro YAMAMOTO Toshihiro
	(21) EP08860275.0	
	(47) 30.01.2019	
	(87) US2008013256	

MATSUMOTO Megumi	LEE, Hyang Mok	(33) Korea (Republic)
(31) 2009297902	(51) H01M 2/06	(51) H01M 2/10
(32) 28.12.2009	H01M 2/16	H01M 2/34
(33) Japan	H01M 2/26	H01M 2/36
(51) H01M 2/02	H01M 2/30	H01M 10/24
(11) EP3264489	H01M 10/0525	H01M 10/42
(21) EP17177855.8	H01M 10/04	H01M 12/08
(47) 30.01.2019	H01M 10/0587	A62D 3/30
(22) 26.06.2017	H01M 2/02	A62D 3/33
(54) SECONDARY BATTERY	(11) EP3080857	A62D 3/36
(73) Samsung SDI Co., Ltd.	(21) EP14810000.1	B60R 21/013
(72) Kim, Jinhwan	(47) 30.01.2019	A62C 3/07
Choi, Sunghyun	(87) JP2014005791	A62C 3/16
Lee, Dongmeyerong	18.06.2015	(11) EP3131645
(31) 20160080101	(22) 18.11.2014	(21) EP15779837.2
(32) 27.06.2016	(54) BATTERY AND ASSEMBLED BATTERY	(47) 30.01.2019
(33) Korea (Republic)	(73) Murata Manufacturing Co., Ltd.	(87) IL2015050397
(51) H01M 2/02	(72) HORIKOSHI, Yoshiichi	22.10.2015
H01M 2/10	(31) 2013258706	(22) 13.04.2015
H01M 2/20	(32) 13.12.2013	(54) SAFETY METHOD AND SYSTEM FOR
H01M 2/30	(33) Japan	LIQUID ELECTROLYTE BATTERY
H01M 10/42	(51) H01M 2/10	(73) Phinergy Ltd.
H01M 6/50	(11) EP3335257	(72) TZIDON, Aviv
H01M 6/02	(21) EP17783849.7	TZIDON, Dekel
(11) EP2619822	(47) 23.01.2019	YADGAR, Avraham
(21) EP11827314.3	(87) EP2017076124	YAKUPOV, Ilya
(47) 30.01.2019	11.05.2018	(31) 201461978909 P
(87) US2011052209	(22) 12.10.2017	(32) 13.04.2014
29.03.2012	(54) BATTERY HOUSING	(33) United States of America
(22) 19.09.2011	(73) Kirchhoff Automotive Deutschland GmbH	(51) H01M 2/10
(54) STRUCTURE AND METHOD FOR	(72) GÜNTHER, Alexander	H01M 2/36
EXTENDING BATTERY LIFE	TÖLLER, Marco	H01M 10/04
(73) BATTEROO, INC.	(31) 102016120828	H01M 2/14
(72) Roohparvar, Fariborz Frankie	(32) 02.11.2016	H01M 2/18
(31) 403625 P	(33) Germany	H01M 2/02
(32) 20.09.2010	(51) H01M 2/10	(11) EP3175498
(33) United States of America	B62M 6/90	(21) EP15826462.2
(51) H01M 2/02	B60K 1/04	(47) 30.01.2019
H01M 2/10	(11) EP2541640	(87) CN2015078109
H01M 10/39	(21) EP11193254.7	04.02.2016
(11) EP3041081	(47) 23.01.2019	(22) 30.04.2015
(21) EP14840172.2	(22) 13.12.2011	(54) BATTERY SPACER, ELECTRIC CORE
(47) 30.01.2019	(54) Bicycle battery holder	PROTECTION ASSEMBLY AND POWER
(87) JP2014071432	(73) Shimano Inc.	BATTERY
05.03.2015	(72) Honda, Kazuki	(73) BYD Company Limited
(22) 14.08.2014	Tachibana, Hiroshi	(72) YANG, Keli
(54) SECONDARY CELL	Chouji, Hideki	JIANG, Luxia
(73) NGK Insulators, Ltd.	(31) 201113171679	HU, Shichao
(72) HAMADA, Hideyuki	(32) 29.06.2011	ZHU, Jianhua
(31) 2013180637	(33) United States of America	(31) 201410371126
(32) 30.08.2013	(51) H01M 2/10	201420427972 U
(33) Japan	H01M 2/26	(32) 31.07.2014
(51) H01M 2/02	H01M 10/42	31.07.2014
H01M 10/0525	(11) EP3220445	(33) China
(11) EP2899769	(21) EP16765156.1	China
(21) EP13836250.4	(47) 30.01.2019	(51) H01M 2/10
(47) 30.01.2019	(87) KR2016001406	H01M 10/658
(87) KR2013010845	22.09.2016	H01M 2/02
04.06.2015	(22) 11.02.2016	(11) EP3252846
(22) 27.11.2013	(54) BATTERY PACK	(21) EP16864538.0
(54) POUCH FOR SECONDARY BATTERY	(73) LG Chem, Ltd.	(47) 30.01.2019
AND SECONDARY BATTERY	(72) AN, Hyuk	(87) KR2016012795
COMPRISING SAME	KIM, Seong-Tae	18.05.2017
(73) LG Chem, Ltd.	SEONG, Jun-Yeob	(22) 08.11.2016
(72) AHN, Chang Bum	JEONG, Sang-Yoon	(54) BATTERY CELL ASSEMBLY
KIM, Hyuk Su	CHOI, Yang-Kyu	(73) LG Chem, Ltd.
KU, Dae Geun	(31) 20150036090	(72) DUDLEY, Scott
	(32) 16.03.2015	CHAUVIN, Wesley Curtis

MERRIMAN, Robert	(54) METHOD FOR PRODUCING LITHIUM ION SECONDARY BATTERY	09.09.2011
(31) 201514936792	(73) Nissan Motor Co., Ltd.	(22) 01.03.2011
(32) 10.11.2015	(72) MATSUZAKI, Ikuma	(54) BATTERY CONNECTION ASSEMBLY
(33) United States of America	MIYATAKE, Kazuki	(73) Sumitomo Wiring Systems, Ltd.
(51) H01M 2/16	MATSUMOTO, Keisuke	AutoNetworks Technologies, Ltd.
B32B 5/30	NAGANO, Kodai	Sumitomo Electric Industries, Ltd.
B32B 27/30	(72) OKAMOTO, Ryoya	
H01M 10/0566	TAKASE, Shinichi	
C08F 214/22	HIRAI, Hiroki	
C08F 214/26	KASUGAI, Masakuni	
(11) EP3070764	(31) 2010046824	
(21) EP14868376.6	(32) 03.03.2010	
(47) 30.01.2019	(33) Japan	
(87) JP2014082118	(51) H01M 2/34	
11.06.2015	H01M 4/134	
(22) 04.12.2014	H01M 4/1395	
(54) SEPARATOR FOR SECONDARY BATTERY, AND SECONDARY BATTERY	H01M 4/40	
(73) Daikin Industries, Ltd.	H01M 10/48	
(72) FUKATANI Tomoyuki	H01M 10/052	
KITAHARA Takahiro	H02J 7/00	
ICHIKAWA Kenji	H01M 4/38	
IWAMATSU Yuuko	(11) EP3033797	
IGUCHI Takashi	(21) EP14836723.8	
UCHIDA Kazunobu	(47) 30.01.2019	
SAITA Tomohide	(87) US2014051085	
FUJISAWA Manabu	19.02.2015	
(31) 2013253241	(22) 14.08.2014	
2014019824	(54) LI/METAL BATTERY WITH SHAPE CHANGE CONTROL	
2014131691	(73) Robert Bosch GmbH	
2014157052	(72) LOHMAN, Timm	
(32) 06.12.2013	ALBERTUS, Paul	
04.02.2014	CHRISTENSEN, John, F.	
26.06.2014	KOZINSKY, Boris	
31.07.2014	(31) 201361866079 P	
(33) Japan	(32) 15.08.2013	
Japan	(33) United States of America	
Japan	(51) H01M 2/34	
Japan	H01M 10/052	
(51) H01M 2/16	H01M 4/62	
H01M 10/052	H01M 10/42	
H01M 10/056	(11) EP2424009	
H01M 2/18	(21) EP10767283.4	
H01M 10/0585	(47) 23.01.2019	
H01M 2/14	(87) KR2010002488	
(11) EP3220447	28.10.2010	
(21) EP17154359.8	(22) 21.04.2010	
(47) 30.01.2019	(54) ADDITIVE TO BE ADDED TO AN ELECTROCHEMICAL DEVICE TO IMPROVE SAFETY	
(22) 02.02.2017	(73) LG Chem, Ltd.	
(54) LAMINATE, SECONDARY BATTERY, BATTERY PACK, AND VEHICLE	(72) CHANG, Sung kyun	
(73) Kabushiki Kaisha Toshiba	PARK, Hong-Kyu	
(72) Yoshima, Kazuomi	PARK, Sinyoung	
Harada, Yasuhiro	(31) 20090034695	
Takami, Norio	(32) 21.04.2009	
(31) 2016052893	(33) Korea (Republic)	
(32) 16.03.2016	(51) H01M 2/36	
(33) Japan	H01M 2/10	
(51) H01M 2/16	H01M 2/02	
H01M 10/052	H01M 10/052	
H01M 10/058	H01M 2/04	
(11) EP3273504	H01M 2/38	
(21) EP15885505.6	H01M 10/058	
(47) 30.01.2019	(11) EP3166163	
(87) JP2015058363	(21) EP16185281.9	
22.09.2016	(47) 23.01.2019	
(22) 19.03.2015	(22) 19.05.2010	
	(87) JP2011054569	

(54) LITHIUM ION BATTERY MODULE	(51) H01M 4/134	C01G 45/12
(73) Johnson Controls Advanced Power Solutions LLC	H01M 4/38	C01G 51/00
(72) Fuhr, Jason	H01M 10/0525	C01G 53/00
Houchin-Miller, Gary, P.	H01M 10/42	(11) EP3168908
Bowen, Gerald, K.	H01M 4/36	(21) EP15818616.3
Dinkleman, John, P.	(11) EP3203548	(47) 23.01.2019
Patel, David	(21) EP15845711.9	(87) JP2015069324
Molinaroli, Alex	(47) 23.01.2019	14.01.2016
(31) 180043 P	(87) KR2015010117	(22) 03.07.2015
(32) 20.05.2009	07.04.2016	(54) LITHIUM ION SECONDARY BATTERY
(33) United States of America	(22) 24.09.2015	POSITIVE ELECTRODE MATERIAL,
(51) H01M 4/02	(54) ANODE, LITHIUM SECONDARY	LITHIUM ION SECONDARY BATTERY
H01M 2/10	BATTERY COMPRISING SAME,	POSITIVE ELECTRODE AND LITHIUM
H01M 10/052	BATTERY MODULE COMPRISING THE	ION SECONDARY BATTERY THAT
H01M 4/62	LITHIUM SECONDARY BATTERY	USE SAME, AND METHOD FOR
H01M 10/0562	(73) LG Chem, Ltd.	MANUFACTURING LITHIUM ION
H01M 4/13	(72) JANG, Minchul	SECONDARY BATTERY POSITIVE
H01M 10/0525	KIM, Jeong Kyu	ELECTRODE MATERIAL
H01M 10/42	SON, Byoungkuk	(73) Hitachi Metals, Ltd.
H01M 4/04	LEE, Seong Ho	(72) FENG Xiaoliang
(11) EP3220446	(31) 20140130622	TAKANO Shuichi
(21) EP17158661.3	(32) 29.09.2014	NAKABAYASHI Takashi
(47) 30.01.2019	(33) Korea (Republic)	GUNJI Akira
(22) 01.03.2017	(51) H01M 4/485	(31) 2014139891
(54) BATTERY, BATTERY PACK, AND	C01G 35/00	(32) 07.07.2014
VEHICLE	H01M 10/052	(33) Japan
(73) Kabushiki Kaisha Toshiba	H01M 2/34	(51) H01M 4/58
(72) IWASAKI, Takuya	C01G 23/00	H01M 4/36
TAKAMI, Norio	(11) EP2999035	H01M 4/38
(31) 2016053367	(21) EP15182929.8	H01M 4/48
(32) 17.03.2016	(47) 30.01.2019	H01M 10/0525
(33) Japan	(22) 28.08.2015	H01M 4/02
(51) H01M 4/04	(54) ACTIVE MATERIAL, NONAQUEOUS	(11) EP3089245
H01M 10/0525	ELECTROLYTE BATTERY, AND	(21) EP14873882.6
C23C 18/12	BATTERY PACK	(47) 30.01.2019
H01G 11/24	(73) Kabushiki Kaisha Toshiba	(87) JP2014006005
H01G 11/28	(72) Harada, Yasuhiro	02.07.2015
H01G 11/46	Yoshima, Kazuomi	(22) 02.12.2014
H01G 11/50	Takami, Norio	(54) NEGATIVE ELECTRODE ACTIVE
H01M 2/16	Inagaki, Hiroki	MATERIAL FOR NONAQUEOUS
H01M 4/13	(31) 2014188241	ELECTROLYTE SECONDARY
H01M 4/139	(32) 16.09.2014	BATTERIES AND METHOD FOR
(11) EP2461395	(33) Japan	PRODUCING SAME
(21) EP10794340.9	(51) H01M 4/485	(73) Shin-Etsu Chemical Co., Ltd.
(47) 23.01.2019	H01M 4/58	(72) NAKANISHI, Tetsuo
(87) KR2010004215	H01M 4/62	TANIGUCHI, Kazuyuki
06.01.2011	H01M 10/0525	AOKI, Yoshitaka
(22) 29.06.2010	H01M 4/36	YAMADA, Yoshiyasu
(54) METHOD FOR MANUFACTURING	(11) EP2784855	(31) 2013267518
AN ELECTRODE HAVING A POROUS	(21) EP14158372.4	2013267703
COATING LAYER	(47) 30.01.2019	(32) 25.12.2013
(73) LG Chem, Ltd.	(22) 07.03.2014	25.12.2013
(72) LEE, Joo-Sung	(54) Positive electrode active material,	(33) Japan
KIM, Jong-Hun	nonaqueous electrolyte battery, and battery	Japan
PARK, Pil-Kyu	pack	(51) H01M 4/587
HONG, Jang-Hyuk	(73) Kabushiki Kaisha Toshiba	H01M 4/36
SHIN, Byoung-Jin	(72) Takami, Norio	H01M 10/0566
CHO, Byeong-Gyu	Hoshina, Keigo	H01M 4/02
JIN, Sun-Mi	Inagaki, Hiroki	H01M 10/0525
KIM, In-Chul	(31) 2013064578	(11) EP3128586
YOON, Su-Jin	(32) 26.03.2013	(21) EP15772291.9
(31) 20090058977	(33) Japan	(47) 23.01.2019
20100061845	(51) H01M 4/525	(87) JP2015059840
(32) 30.06.2009	H01M 4/36	08.10.2015
29.06.2010	H01M 4/505	(22) 30.03.2015
(33) Korea (Republic)	H01M 4/131	(54) GRAPHITE-BASED NEGATIVE
Korea (Republic)	H01M 10/0525	ELECTRODE ACTIVE MATERIAL,
	H01M 4/02	

NEGATIVE ELECTRODE, AND LITHIUM ION SECONDARY BATTERY	OF A CATALYST COMPOSITION FOR AN ALKALINE ELECTROCHEMICAL ENERGY CONVERSION REACTION	SUGAWARA, Yasushi
(73) NEC Energy Devices, Ltd.	(73) Industrial Technology Research Institute	TAKEGUCHI, Shinsuke
(72) TAKEDA, Kouzou	(72) Huang, Chiu-Ping	TSUJI, Yoichiro
TAKAHASHI, Hiroo	Tsai, Li-Duan	KUSAKABE, Hiroki
KONO, Yasutaka	Hwang, Bing-Joe	MORIMOTO, Takashi
(31) 2014073710	Pan, Chun-Jern	(31) 2011174625
(32) 31.03.2014	Cheng, Hao-Sheng	(32) 10.08.2011
(33) Japan	Mao, Yu-Hsiang	(33) Japan
(51) H01M 4/62	Tsai, Meng-Che	(51) H01M 8/04
H01M 4/525	Lin, Jiunn-Nan	B60K 6/32
H01M 10/052	(31) 201562271310 P	B60L 11/18
H01M 4/04	201662383609 P	B60K 6/46
H01M 4/131	105140556	B60W 10/06
H01M 4/1391	(32) 27.12.2015	B60W 10/08
H01M 4/36	06.09.2016	B60W 20/18
H01M 4/485	08.12.2016	B60W 50/08
H01M 4/505	(33) United States of America	B60W 50/00
H01M 10/0525	United States of America	B60K 15/07
(11) EP3203551	Taiwan, Province of China	B60W 10/02
(21) EP15846391.9	(51) H01M 8/0254	(11) EP3147978
(47) 30.01.2019	B29C 53/18	(21) EP15795564.2
(87) KR2015010183	H01M 8/0267	(47) 23.01.2019
07.04.2016	H01M 8/0297	(87) CN2015073715
(22) 25.09.2015	(11) EP3298645	26.11.2015
(54) POSITIVE ELECTRODE ACTIVE MATERIAL AND METHOD FOR MANUFACTURING SAME	(21) EP16722899.8	(22) 05.03.2015
(73) LG Chem, Ltd.	(47) 23.01.2019	(54) HYBRID POWER VEHICLE
(72) KWAK, Ick Soon	(87) EP2016060967	(73) Zhejiang Geely Holding Group Co., Ltd.
CHO, Seung Beom	01.12.2016	Zhejiang Geely Automobile Research Institute Co., Ltd.
YOON, Yeo June	(22) 17.05.2016	(72) LI, Shufu
(31) 20140131747	(54) PROCESS FOR TREATING A BIPOLAR PLATE FOR A FUEL-CELL STACK	(31) 201410213670
20150135492	(73) Compagnie Générale des Etablissements Michelin	(32) 20.05.2014
(32) 30.09.2014	(72) BLANC, Claude	(33) China
24.09.2015	(31) 1554610	(51) H01M 8/04119
(33) Korea (Republic)	(32) 22.05.2015	H01M 8/04291
Korea (Republic)	(33) France	H01M 8/04225
(51) H01M 4/73	(51) H01M 8/0271	H01M 8/12
H01M 4/84	H01M 8/0286	H01M 8/124
B23K 11/00	(11) EP3031093	(11) EP3070774
H01M 4/14	(21) EP14741548.3	(21) EP16154022.4
(11) EP3145006	(47) 30.01.2019	(47) 30.01.2019
(21) EP16187286.6	(87) EP2014064993	(22) 03.02.2016
(47) 23.01.2019	12.02.2015	(54) FUEL CELL SYSTEM
(22) 05.09.2016	(22) 11.07.2014	(73) AISIN SEIKI KABUSHIKI KAISHA
(54) BATTERY GRID AND METHOD OF MAKING	(54) METHOD FOR PRODUCING A FUEL CELL AND A FUEL CELL SYSTEM	(72) FUKUMIZU, Takao
(73) MiTek Holdings, Inc.	(73) Bayerische Motoren Werke Aktiengesellschaft	GOTO, Shunsuke
(72) ROSSI, Jeffrey Anthony	(72) HAASE, Stefan	SUZUKI, Gorou
SALEH, Victor	SCHMID, Johannes	YAMASAKI, Shiroh
KILIC, Omer Ertugrul	(31) 102013215605	(31) 2015057580
(31) 201514858933	(32) 07.08.2013	(32) 20.03.2015
(32) 18.09.2015	(33) Germany	(33) Japan
(33) United States of America	(51) H01M 8/0273	(51) H01M 8/10
(51) H01M 4/92	H01M 8/1018	C08J 5/22
H01M 4/88	(11) EP2744027	C08F 293/00
H01M 8/083	(21) EP12822737.8	C25B 13/08
C25B 11/04	(47) 23.01.2019	C08L 53/00
C25B 1/00	(87) JP2012002610	C08F 214/18
C25B 1/04	14.02.2013	C08F 14/18
(11) EP3185343	(22) 16.04.2012	H01M 8/1004
(21) EP16206930.6	(54) FUEL CELL	H01M 8/1023
(47) 30.01.2019	(73) Panasonic Intellectual Property Management Co., Ltd.	H01M 8/1039
(22) 27.12.2016	(72) YAMAUCHI, Masaki	H01M 8/1044
(54) METHOD OF ALKALINE ELECTROCHEMICAL ENERGY CONVERSION REACTION AND USE		H01M 8/1067
		H01M 8/1081
		H01M 8/1086
		(11) EP1683224
		(21) EP04794601.7
		(47) 23.01.2019

(87) US2004033299 19.05.2005	(73) Samsung SDI Co., Ltd.	H01M 4/06
(22) 08.10.2004	(72) Egorov, Vladimir	H01M 4/13
(54) POLYMER ELECTROLYTE MEMBRANE AND METHOD OF MAKING	Shin, Woo-Cheol	H01M 4/62
(73) 3M Innovative Properties Company	Kim, Soo-Jin	H01M 6/18
(72) HAMROCK, Steven, J.	Woo, Myung-Heui	H01M 10/052
RIVARD, Linda, M.	Park, Hye-Jin	H01B 1/10
YANDRASITS, Michael, A.	Cha, Si-Young	C01B 17/20
PIERPONT, Daniel, M.	(31) 201361843847 P	C01G 17/00
(31) 697831	(32) 08.07.2013	(11) EP2797152
(32) 30.10.2003	(33) United States of America	(21) EP12860207.5
(33) United States of America	(51) H01M 10/052	(47) 23.01.2019
(51) H01M 10/052	H01M 10/0583	(87) JP2012083350
H01M 2/16	(11) EP3033793	27.06.2013
H01M 4/48	(21) EP14755703.7	(22) 21.12.2012
H01M 4/485	(47) 30.01.2019	(54) SULFIDE SOLID ELECTROLYTE MATERIAL, BATTERY, AND PRODUCING METHOD FOR SULFIDE SOLID ELECTROLYTE MATERIAL
H01M 4/505	(87) GB2014052474	(73) Tokyo Institute of Technology
H01M 4/525	19.02.2015	TOYOTA JIDOSHA KABUSHIKI KAISHA
H01M 4/131	(22) 13.08.2014	(72) KANNO, Ryoji
H01M 10/0525	(54) LAMINATED LITHIUM-SULPHUR CELL	HIRAYAMA, Masaaki
H01M 10/0567	(73) Oxis Energy Limited	KATO, Yuki
H01M 4/02	(72) LINDSTROM, Ove	KAWAMOTO, Koji
(11) EP3214689	IVANOVA, Mariya	OTOMO, Takamasa
(21) EP15855003.8	(31) 13180522	(31) 2011281179
(47) 23.01.2019	201405957	2012234153
(87) JP2015080725	(32) 15.08.2013	(32) 22.12.2011
06.05.2016	02.04.2014	23.10.2012
(22) 30.10.2015	(33) European Patent Office (EPO)	(33) Japan
(54) NONAQUEOUS ELECTROLYTE BATTERY AND BATTERY PACK	United Kingdom	Japan
(73) Kabushiki Kaisha Toshiba	(51) H01M 10/0525	(51) H01M 10/0567
(72) SARUWATARI, Hidesato	H01M 4/133	(11) EP2144321
SHIKOTA, Masataka	H01M 10/0566	(21) EP08739909.3
YAMAMOTO, Dai	(11) EP2515370	(47) 23.01.2019
YAMAGISHI, Genki	(21) EP09843174.5	(87) JP2008056803
(31) 2014223068	(47) 23.01.2019	23.10.2008
(32) 31.10.2014	(87) JP2009070960	(22) 04.04.2008
(33) Japan	23.06.2011	(54) NONAQUEOUS ELECTROLYTE FOR SECONDARY BATTERY AND NONAQUEOUS ELECTROLYTE SECONDARY BATTERY EMPLOYING THE SAME
(51) H01M 10/052	(22) 16.12.2009	(73) Mitsubishi Chemical Corporation
H01M 4/505	(54) LITHIUM ION SECONDARY BATTERY	(72) TOKUDA, Hiroyuki
H01M 4/525	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	FUJII, Takashi
H01M 10/0567	(72) TAKAHATA, Koji	KOTATO, Minoru
H01M 10/0525	SANO, Hideki	TAKEHARA, Masahiro
H01M 4/587	(51) H01M 10/056	ONUKEI, Masamichi
(11) EP3131151	H01M 10/0525	OHASHI, Youichi
(21) EP15777182.5	H01M 2/16	KINOSHITA, Shinichi
(47) 23.01.2019	H01M 8/1048	(31) 2007099274
(87) JP2015061283	H01M 6/18	2007111931
15.10.2015	C08J 5/22	2007111961
(22) 10.04.2015	C25B 13/04	2007116442
(54) LITHIUM ION SECONDARY BATTERY	C25B 13/08	2007116445
(73) Nissan Motor Co., Ltd	H01G 11/56	2007116450
(72) SAKAMOTO, Kazuyuki	(11) EP2891199	(32) 05.04.2007
NISHIJIMA, Manabu	(21) EP13756962.0	20.04.2007
SUZUKI, Yosuke	(47) 23.01.2019	20.04.2007
(31) 2014082259	(87) US2013055943	26.04.2007
(32) 11.04.2014	06.03.2014	26.04.2007
(33) Japan	(22) 21.08.2013	26.04.2007
(51) H01M 10/052	(54) ION-CONDUCTING COMPOSITE ELECTROLYTE	(33) Japan
H01M 10/0567	(73) Corning Incorporated	Japan
H01M 4/13	(72) BADDING, Michael Edward	Japan
(11) EP2824750	BROWN, Jacqueline Leslie	Japan
(21) EP14162751.3	FINK, Katherine A.	Japan
(47) 30.01.2019	GAGOV, Atanas Valentinov	Japan
(22) 31.03.2014	TANNER, Cameron Wayne	Japan
(54) Silicon-containing compound used in electrolytes for lithium secondary batteries	(31) 201213597871	Japan
	(32) 29.08.2012	
	(33) United States of America	
	(51) H01M 10/0562	

Japan	(73) ThyssenKrupp Marine Systems GmbH	H01M 10/613
(51) H01M 10/0569	thyssenkrupp AG	H01M 10/625
H01M 10/0567	(72) DANNENBERG, Norbert	H01M 2/10
H01M 10/0568	LEITES, Keno	H01M 10/6555
C07D 317/36	(31) 102014114792	(11) EP3264518
H01M 10/0525	(32) 13.10.2014	(21) EP16844705.0
H01G 11/60	(33) Germany	(47) 30.01.2019
H01G 11/64	(51) H01M 10/42	(87) KR2016010099
(11) EP2840641	G01R 31/36	16.03.2017
(21) EP13777680.3	(11) EP2365602	(22) 08.09.2016
(47) 23.01.2019	(21) EP10196312.2	(54) BATTERY MODULE HAVING
(87) JP2013061121	(47) 23.01.2019	IMPROVED COOLING PERFORMANCE
24.10.2013	(22) 21.12.2010	(73) LG Chem, Ltd.
(22) 12.04.2013	(54) Battery pack charger	(72) KIM, Dong-Yeon
(54) ELECTROLYTIC SOLUTION,	(73) Black & Decker Inc.	KONG, Jin-Hak
ELECTROCHEMICAL DEVICE, LITHIUM	(72) Shook, Christopher	CHOI, Yong-Seok
ION SECONDARY BATTERY, AND	Phillips, Steven J.	JO, Jong-Hyun
MODULE	(31) 289713 P	(31) 20150127129
(73) Daikin Industries, Ltd.	961685	(32) 08.09.2015
(72) YAMAZAKI, Shigeaki	(32) 23.12.2009	(33) Korea (Republic)
SAKATA, Hideo	07.12.2010	(51) H01M 12/02
TAEDA, Mayuko	(33) United States of America	H01M 12/06
KOH, Meiten	United States of America	H01M 8/04089
NAKAZONO, Aoi	(51) H01M 10/48	H01M 8/04082
KAGAWA, Michiru	(11) EP3107146	H01M 8/04701
YAMAUCHI, Akiyoshi	(21) EP15765576.2	H01M 12/08
(31) 2012094111	(47) 23.01.2019	H01M 10/6565
2013042313	(87) JP2015057483	H01M 8/04007
(32) 17.04.2012	24.09.2015	H01M 8/0432
04.03.2013	(22) 13.03.2015	(11) EP3136498
(33) Japan	(54) SECONDARY BATTERY INTERNAL	(21) EP16184293.5
Japan	TEMPERATURE ESTIMATION	(47) 23.01.2019
(51) H01M 10/0585	DEVICE AND SECONDARY BATTERY	(22) 16.08.2016
H01M 2/26	INTERNAL TEMPERATURE	(54) METAL AIR BATTERY HAVING
H01M 2/30	ESTIMATION METHOD	THERMAL MANAGEMENT STRUCTURE
H01M 4/13	(73) Furukawa Automotive Systems Inc.	(73) Samsung Electronics Co., Ltd.
H01M 4/139	Furukawa Electric Co. Ltd.	(72) KO, Jeongsik
H01M 10/052	(72) MITSUYAMA, Taiji	KWON, Hyukjae
H01M 10/0566	IWANE, Noriyasu	IM, Dongmin
(11) EP3012898	TAKASHIMA, Naoya	(31) 20150120549
(21) EP13887182.7	(31) 2014059252	(32) 26.08.2015
(47) 30.01.2019	(32) 20.03.2014	(33) Korea (Republic)
(87) JP2013083136	(33) Japan	(51) H01P 1/18
24.12.2014	(51) H01M 10/48	H01L 27/02
(22) 10.12.2013	H02J 7/00	H01P 1/185
(54) SECONDARY BATTERY AND	H01M 2/20	H05K 1/02
ELECTRODE PRODUCTION METHOD	H01M 2/10	(11) EP3275041
(73) NEC Energy Devices, Ltd.	H01M 10/42	(21) EP15712594.9
(72) MIMURA, Kazuya	G01R 31/36	(47) 30.01.2019
(31) 2013131006	B60L 3/12	(87) EP2015056147
(32) 21.06.2013	B60L 11/18	29.09.2016
(33) Japan	(11) EP3128599	(22) 23.03.2015
(51) H01M 10/42	(21) EP14888110.5	(54) PHASE SHIFTER
B60L 11/12	(47) 30.01.2019	(73) Fraunhofer Gesellschaft zur Förderung der
B60L 11/18	(87) CN2014074526	angewandten Forschung E.V.
H01M 10/46	08.10.2015	(72) MAYER, Frank
H01M 10/48	(22) 01.04.2014	SCHÜHLER, Mario
H01M 16/00	(54) POWER BATTERY AND CELL STATE	SCHLICHT, Michael
H02J 7/00	ACQUISITION APPARATUS THEREOF	WANSCH, Rainer
(11) EP3207585	(73) Shenzhen Zhilun Driving Technology for	(51) H01P 1/205
(21) EP15771149.0	Electric Vehicle Co., Ltd.	H01P 1/213
(47) 23.01.2019	(72) GONG, Shugang	(11) EP2824759
(87) EP2015072581	CHEN, Yun	(21) EP12876853.8
21.04.2016	WU, Shaobo	(47) 23.01.2019
(22) 30.09.2015	HUANG, Tao	(87) CN2012082717
(54) METHOD FOR THE OPERATION OF	LI, Wei	21.11.2013
A POWER GRID, IN PARTICULAR A	(51) H01M 10/6551	(22) 10.10.2012
POWER GRID OF A WATERCRAFT	H01M 10/6554	(54) FILTERING DEVICE

(73) Huawei Technologies Co., Ltd.	H01Q 21/24	(47) 30.01.2019
(72) ZHOU, Yanzhao	(11) EP3236531	(22) 15.12.2015
(31) 201210152024	(21) EP16166174.9	(54) ORTHOGONAL MODE JUNCTION COUPLER AND ASSOCIATED POLARIZATION AND FREQUENCY SEPARATOR
(32) 16.05.2012	(47) 30.01.2019	(73) THALES
(33) China	(22) 20.04.2016	(72) CARTAILLAC, Erwan
(51) H01P 5/08	(54) TWO-PART ANTENNA ELEMENT	BOSSHARD, Pierre
H01Q 23/00	(73) Huawei Technologies Co., Ltd.	FERRANDO, Nicolas
H04B 1/04	(72) KOKKINOS, Titos	(31) 1402932
(11) EP3038203	PFUHL, Nadine	(32) 19.12.2014
(21) EP14838660.0	(51) H01Q 1/24	(33) France
(47) 30.01.2019	H01Q 21/06	(51) H01Q 19/17
(87) JP2014071263	H01Q 5/40	H01Q 1/52
26.02.2015	H01Q 21/28	H01Q 19/13
(22) 12.08.2014	H01Q 25/00	H01Q 21/06
(54) MULTI-ANTENNA ARRAY SYSTEM	(11) EP2889958	H04L 5/14
(73) NTT DOCOMO, INC.	(21) EP13306897.3	(11) EP3249747
(72) FUKUDA, Atsushi	(47) 23.01.2019	(21) EP15881555.5
(31) 2013173155	(22) 30.12.2013	(47) 30.01.2019
(32) 23.08.2013	(54) Multiband antenna	(87) CN2015073004
(33) Japan	(73) Alcatel-Lucent Shanghai Bell Co., Ltd.	18.08.2016
(51) H01P 7/04	(72) Dauguet, Stéphane	(22) 13.02.2015
(11) EP3014698	Chainon, Sébastien	(54) REFLECTION SURFACE ANTENNA AND FEED SOURCE THEREOF
(21) EP14811957.1	Coquille, Gilles	(73) HUAWEI TECHNOLOGIES CO., LTD.
(47) 30.01.2019	Hilary, Aurélien	(72) LIU, Yu
(87) IB2014001936	Plet, Jérôme	(51) H01Q 21/24
22.01.2015	Fauquert, Gaetan	H01Q 9/42
(22) 25.06.2014	(51) H01Q 1/27	H01Q 1/22
(54) RESONATOR STRUCTURE FOR A CAVITY FILTER ARRANGEMENT	H01Q 1/30	(11) EP3367504
(73) Intel Corporation	H01Q 1/36	(21) EP17158117.6
(72) PUOSKARI, Jukka c/o Intel Corporation	H01Q 1/40	(47) 23.01.2019
PARI, Petri	H01Q 11/08	(22) 27.02.2017
(31) 201361839064 P	A61N 1/372	(54) ANTENNA FOR AN RFID READING DEVICE AND METHOD FOR TRANSFERRING AND/OR RECEIVING RFID SIGNALS
(32) 25.06.2013	(11) EP2178159	(73) Sick AG
(33) United States of America	(21) EP09252446.1	(72) Pudenz, Florian
(51) H01Q 1/00	(47) 30.01.2019	(51) H01R 4/32
H01Q 1/42	(22) 19.10.2009	H01R 13/04
H01Q 13/10	(54) Antenna insulation for an implantable medical device	(11) EP3066720
H01Q 13/18	(73) Codman Neuro Sciences Sàrl	(21) EP14792836.0
H02H 9/00	(72) Crivelli, Rocco	(47) 30.01.2019
(11) EP2654124	Pipoz, Thierry	(87) EP2014073596
(21) EP11849617.3	(31) 254192	07.05.2015
(47) 30.01.2019	(32) 20.10.2008	(22) 03.11.2014
(87) JP2011078942	(33) United States of America	(54) ELECTRICAL CONNECTOR WITH A SHEATH CLAMP
21.06.2012	(51) H01Q 1/52	(73) Phoenix Contact GmbH & Co. KG
(22) 14.12.2011	H01Q 21/28	(72) BURY, Joachim
(54) EXPLOSION-PROOF ENCLOSURE	H01Q 1/24	SALOMON, Thomas
(73) Yokogawa Electric Corporation	H01Q 9/42	(31) 102013112083
(72) YONEZAWA Masaaki	(11) EP3275044	102013112084
(31) 2010279098	(21) EP16708061.3	(32) 04.11.2013
(32) 15.12.2010	(47) 23.01.2019	04.11.2013
(33) Japan	(87) US2016019007	(33) Germany
(51) H01Q 1/22	29.09.2016	Germany
H01Q 21/00	(22) 23.02.2016	(51) H01R 4/48
H01Q 21/06	(54) ANTENNA ISOLATION	(11) EP3292591
(11) EP2517303	(73) Microsoft Technology Licensing, LLC	(21) EP16718704.6
(21) EP09852654.4	(72) APAYDIN, Nil	(47) 23.01.2019
(47) 30.01.2019	DE LUIS, Javier R.	(87) EP2016059395
(87) SE2009051487	SHEWAN, Benjamin	10.11.2016
30.06.2011	CASEBOLT, Mark William	(22) 27.04.2016
(22) 22.12.2009	(31) 201514670167	(54) CONDUCTOR CONNECTION CLAMP
(54) RADIATION ELEMENT RETAINER DEVICE	(32) 26.03.2015	
(73) Saab AB	(33) United States of America	
(72) GEBRETN SAE, Mussie	(51) H01Q 13/02	
(51) H01Q 1/24	H01P 1/161	
H01Q 1/12	H01Q 5/55	
	(11) EP3035445	
	(21) EP15200108.7	

- (73) WAGO Verwaltungsgesellschaft mbH
(72) KÖLLMANN, Hans-Josef
(31) 102015107055
(32) 06.05.2015
(33) Germany
-
- (51) H01R 9/03
H01R 43/28
H01R 9/05
H01R 13/512
(11) EP3076485
(21) EP16162240.2
(47) 23.01.2019
(22) 24.03.2016
(54) ELECTRICAL CONNECTOR AND METHOD OF MANUFACTURING AN ELECTRICAL CONNECTOR WITH A SPECIFIC EMC SCREEN ARRANGEMENT
(73) TE Connectivity Industrial GmbH
(72) Pfeiffer, Wolfgang
(31) 102015104958
(32) 31.03.2015
(33) Germany
-
- (51) H01R 9/26
H01R 13/66
(11) EP2685564
(21) EP13176385.6
(47) 23.01.2019
(22) 12.07.2013
(54) Electronics module and method for providing an electronics module
(73) Rockwell Automation Technologies, Inc.
(72) Molnar, Nathan J.
(31) 201261670976 P
(32) 12.07.2012
(33) United States of America
-
- (51) H01R 12/57
H01R 12/72
H01R 24/52
H01R 103/00
H01R 13/6595
H01R 13/6594
(11) EP2463961
(21) EP11191904.9
(47) 23.01.2019
(22) 05.12.2011
(54) System for forming electrical connections to conductive areas on a printed wiring board and method for forming such connections
(73) Raytheon Company
(72) Paine, Waid A.
Brasier, Lucian A.
Lewis, James E.
Taylor, Thomas H.
Garcia, Lauren M.
(31) 966971
(32) 13.12.2010
(33) United States of America
-
- (51) H01R 12/73
H01R 24/62
H01R 13/6582
H01R 13/6594
H01R 13/66
H01R 25/00
H01R 12/71
(11) EP3151342
(21) EP16183823.0
(47) 23.01.2019
- (22) 11.08.2016
(54) INTERCONNECT DEVICE
(73) Apple Inc.
(72) TALALAYEV, Anton
NARAJOWSKI, David H.
LIGTENBERG, Christiaan A.
AMINI, Mahmoud R.
LEGGETT, William F.
SILVANTO, Mikael M.
STRINGER, Christopher J.
TZIVISKOS, George
COOPER, Edward J.
HOPKINSON, Ron Alan
MILLER, Ari Parsons
(31) 201562235514 P
201615151288
(32) 30.09.2015
10.05.2016
(33) United States of America
United States of America
-
- (51) H01R 12/75
G01R 15/20
H01R 13/66
(11) EP3259604
(21) EP16711516.1
(47) 23.01.2019
(87) DE2016200084
25.08.2016
(22) 10.02.2016
(54) DEVICE FOR INTEGRATED CURRENT MEASUREMENT INSIDE A HIGH-VOLTAGE CONTACT OF A HYBRID MODULE, AND A HYBRID MODULE COMPRISING SAID DEVICE
(73) Schaeffler Technologies AG & Co. KG
(72) BLAES, Cédric
LEONHARDT, Vincent
(31) 102015202770
(32) 16.02.2015
(33) Germany
-
- (51) H01R 13/11
H01R 12/91
H01R 12/58
H01R 12/71
H01R 13/20
H01R 13/422
(11) EP2690715
(21) EP13176716.2
(47) 23.01.2019
(22) 16.07.2013
(54) Connector terminal
(73) DAI-ICHI SEIKO CO., LTD.
(72) Endo, Takayoshi
Yagi, Sakai
Muta, Masaya
Oohashi, Shunya
(31) 2012167007
(32) 27.07.2012
(33) Japan
-
- (51) H01R 13/11
H01R 13/193
H01R 43/16
(11) EP3240114
(21) EP16166801.7
(47) 23.01.2019
(22) 25.04.2016
- (54) ELECTRICAL CONTACT TERMINAL AND METHOD TO MANUFACTURE THE SAME
(73) Aptiv Technologies Limited
(72) MILED, Houssein Eddine
-
- (51) H01R 13/11
H01R 25/16
H01R 12/70
H01R 13/18
H01R 31/02
(11) EP3028345
(21) EP14737273.4
(47) 30.01.2019
(87) EP2014064921
05.02.2015
(22) 11.07.2014
(54) CONTACT ELEMENT FOR A PLUG ARRANGEMENT IN A BUS SYSTEM, MORE PARTICULARLY AN EXTERNALLY ROUTED BUS SYSTEM
(73) Weidmüller Interface GmbH & Co. KG
(72) APORIUS, Stefan
VAN GIESEN, Bernd
(31) 202013103444 U
(32) 31.07.2013
(33) Germany
-
- (51) H01R 13/453
F24C 15/16
A47J 37/06
(11) EP3147573
(21) EP16187940.8
(47) 30.01.2019
(22) 08.09.2016
(54) COOKING APPLIANCE COMPRISING AN OVEN CAVITY CONNECTOR FOR OPERATING POWER ACCESSORY TRAYS
(73) Whirlpool Corporation
(72) Bruin-Slot, Zachary J.
Gregory, Christopher A.
McGee, Darrin H.
Reyes, Rafael G.
Wier, Nathan C.
(31) 201514863990
(32) 24.09.2015
(33) United States of America
-
- (51) H01R 13/453
H01R 24/76
H01R 27/00
H01R 27/02
(11) EP3231040
(21) EP15823305.6
(47) 23.01.2019
(87) CH2015000173
16.06.2016
(22) 26.11.2015
(54) SOCKET OUTLET ADAPTER
(73) Q2power AG
(72) SCHLÄPFER, Urs
MEILER, Ruedi
(31) 19062014
(32) 10.12.2014
(33) Switzerland
-
- (51) H01R 13/46
H01R 13/02
H05K 7/14
H01R 24/78
H01R 13/73

H01R 25/00	WIECZOREK, Matthias	(33) United States of America
(11) EP3007280	(31) 102013225143	(51) H01R 13/629
(21) EP14803555.3	(32) 06.12.2013	(11) EP3226360
(47) 30.01.2019	(33) Germany	(21) EP17156870.2
(87) CN2014076311	(51) H01R 13/52	(47) 30.01.2019
04.12.2014	H01R 13/627	(22) 20.02.2017
(22) 28.04.2014	(11) EP3261189	(54) ELECTRICAL CONNECTOR
(54) POSITIONING DEVICE USED FOR A POWER DISTRIBUTION UNIT	(21) EP17177427.6	(73) Japan Aviation Electronics Industry, Limited
(73) Eaton Manufacturing LP Glasgow, Succursale de Morges	(47) 30.01.2019	(72) OBATA, Yusuke
(72) CHEN, George	(22) 22.06.2017	OIRI, Nobuyasu
(31) 201310209713	(54) ELECTRICAL CONNECTOR ASSEMBLY	KUROIWA, Masakazu
(32) 30.05.2013	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(31) 2016066268
(33) China	Tyco Electronics Japan G.K.	(32) 29.03.2016
(51) H01R 13/518	(72) Matsumoto, Tsugumi	(33) Japan
H01R 13/627	Komiyama, Ryuichi	(51) H01R 13/658
(11) EP3067993	Funayama, Tomoyuki	H01R 13/502
(21) EP16159755.4	(31) 2016125747	(11) EP3217485
(47) 30.01.2019	(32) 24.06.2016	(21) EP17157636.6
(22) 11.03.2016	(33) Japan	(47) 30.01.2019
(54) SUPPORTING FRAME FOR HOLDING MODULAR CONTACT INSERTS	(51) H01R 13/52	(22) 23.02.2017
(73) Phoenix Contact GmbH & Co. KG	H01R 24/28	(54) CONNECTOR
(72) DIEBEL, Thorsten	H01R 43/00	(73) Hosiden Corporation
SPRENGER, Dennis	H01R 13/447	(72) KONDO, Hayato
(31) 102015103563	H01R 13/66	YAMAZAKI, Masakazu
202015106434 U	H01R 103/00	(31) 2016033442
(32) 11.03.2015	H01R 13/58	2016061759
26.11.2015	H01R 13/504	(32) 24.02.2016
(33) Germany	(11) EP3154131	25.03.2016
Germany	(21) EP16165895.0	(33) Japan
(51) H01R 13/52	(47) 30.01.2019	Japan
H01R 12/51	(22) 19.04.2016	(51) H01R 13/6585
H01R 12/71	(54) POWER PLUG DEVICE AND THE MANUFACTURING METHOD THEREOF	H01R 13/6596
H01R 13/24	(73) Phihong Technology Co., Ltd.	H01R 13/6594
(11) EP2695244	(72) CHANG, Chun Feng	H01R 12/72
(21) EP12707275.9	(31) 104132855	H01R 13/6595
(47) 23.01.2019	(32) 06.10.2015	H01R 24/60
(87) EP2012053438	(33) Taiwan, Province of China	(11) EP3089282
11.10.2012	(51) H01R 13/622	(21) EP16167568.1
(22) 29.02.2012	H01R 13/11	(47) 30.01.2019
(54) PLUG-TYPE CONNECTOR FOR DIRECT CONTACT-MAKING ON A PRINTED CIRCUIT BOARD	H01R 24/86	(22) 28.04.2016
(73) Robert Bosch GmbH	H01R 13/645	(54) CONNECTOR
(72) SAUR, Martin	(11) EP2945226	(73) Samsung Electronics Co., Ltd
LUX, Markus	(21) EP15001412.4	(72) PARK, Chan Gi
PHILIPP, Eckhardt	(47) 30.01.2019	HONG, Eun Seok
PUETTNER, Achim	(22) 11.05.2015	(31) 20150060826
(31) 102011006867	(54) CONNECTOR AND METHOD ACCORDINGLY	(32) 29.04.2015
(32) 06.04.2011	(73) Yamaichi Electronics Deutschland GmbH	(33) Korea (Republic)
(33) Germany	(72) Quiter, Michael	(51) H01R 13/66
(51) H01R 13/52	Wessels, Dagmar	H01R 24/76
H01R 12/62	(31) 102014006874	(11) EP2223392
H01R 43/00	(32) 12.05.2014	(21) EP08864944.7
H05K 5/06	(33) Germany	(47) 23.01.2019
(11) EP3017511	(51) H01R 13/625	(87) DE2008002105
(21) EP14796527.1	H01R 13/639	02.07.2009
(47) 30.01.2019	(11) EP3005490	(22) 17.12.2008
(87) EP2014074496	(21) EP14729154.6	(54) ELECTRICAL INSTALLATION DEVICE
11.06.2015	(47) 30.01.2019	(73) Merten GmbH
(22) 13.11.2014	(87) US2014036509	(72) VICKTORIUS, Richard
(54) CONNECTING DEVICE FOR CONNECTING ELECTRICAL LINES TO ELECTRICAL CONTACTS	04.12.2014	(31) 102007063587
(73) Conti Temic microelectronic GmbH	(22) 02.05.2014	(32) 21.12.2007
(72) BÄUMEL, Hermann	(54) HAND-TURNABLE WELDING CABLE CONNECTION	(33) Germany
	(73) Illinois Tool Works Inc.	(51) H01R 13/74
	(72) BASIT, Nauman	H01R 9/18
	(31) 201313904257	(11) EP2422412
	(32) 29.05.2013	(21) EP10726888.0
		(47) 30.01.2019
		(87) EP2010002262

28.10.2010	(22) 13.05.2011	(51) H02G 3/04
(22) 13.04.2010	(54) Fiber light source with high mean wavelength stability and reliability	(11) EP3214711
(54) ELECTRIC TERMINAL FOR LEADING A CONDUCTOR THROUGH A WALL	(73) Honeywell International Inc.	(21) EP17156661.5
(73) Phoenix Contact GmbH & Co. KG	(72) Qiu, Tiequn	(47) 30.01.2019
(72) REIBKE, Heinz	(72) Sanders, Steven J.	(22) 17.02.2017
MERZ, Rudolf	(31) 787935	(54) INSTALLATION BOX
CHEN, Guohua	(32) 26.05.2010	(73) OBO Bettermann GmbH & Co. KG
LÜCKHEIDE, Carsten	(33) United States of America	(72) Gehling, Andreas Große
(31) 102009017815	(51) H01S 3/067	Kutschelis, Kevin
(32) 20.04.2009	H01S 3/23	Ring, Stefan
(33) Germany	H01S 3/00	(31) 202016101089 U
(51) H01R 39/58	H01S 3/10	(32) 01.03.2016
H02K 13/00	H01S 3/16	(33) Germany
H02K 11/04	(11) EP3324499	(51) H02G 3/06
H02K 11/21	(21) EP17200591.0	(11) EP1798830
H02K 11/25	(47) 23.01.2019	(21) EP06125982.6
H02K 11/20	(22) 08.11.2017	(47) 30.01.2019
(11) EP2651016	(54) LASER ASSEMBLY AND A METHOD FOR OPTICAL AMPLIFICATION OF ULTRASHORT LASER PULSES	(22) 13.12.2006
(21) EP10860567.6	(73) InnoLas Photonics GmbH	(54) A DEVICE FOR CONNECTING TOGETHER ELECTRICAL CONDUCTOR INSTALLATION DUCTS
(47) 23.01.2019	(72) Geiger, Stephan	(73) THORSMAN & CO AB
(87) JP2010072230	Sotier, Florian	(72) Karlsson, Sebastian
14.06.2012	(31) 102016222528	Westin, Stefan
(22) 10.12.2010	(32) 16.11.2016	Chanaron, Pierre-Francois
(54) ROTATING ELECTRICAL MACHINE	(33) Germany	(31) 0502767
(73) Mitsubishi Electric Corporation	(51) H01S 5/028	(32) 13.12.2005
(72) MAEDA, Naohide	H01S 5/22	(33) Sweden
FUJITA, Masahiko	(11) EP2223397	(51) H02G 3/14
(51) H01R 43/28	(21) EP08865674.9	H01H 9/18
(11) EP3207600	(47) 30.01.2019	H01H 27/00
(21) EP15808328.7	(87) DE2008002127	H02G 3/20
(47) 30.01.2019	02.07.2009	(11) EP2202856
(87) DE2015100427	(22) 17.12.2008	(21) EP09015459.2
21.04.2016	(54) LASER LIGHT SOURCE AND METHOD FOR PRODUCING A LASER LIGHT SOURCE	(47) 23.01.2019
(22) 15.10.2015	(73) OSRAM Opto Semiconductors GmbH	(22) 15.12.2009
(54) CABLE SEQUENCE FOR A WIRING OF AN ELECTRICAL CIRCUIT, METHOD FOR PRODUCTION AND USE	(72) LELL, Alfred	(54) Electric installation device
(73) Rittal GmbH & Co. KG	EICHLER, Christoph	(73) Merten GmbH
(72) WURM, Kersten	SCHMID, Wolfgang	(72) Viktorius, Richard
VON KIESLING, Jens	TAUTZ, Sönke	(31) 102008063108
(31) 102014114937	REILL, Wolfgang	(32) 24.12.2008
102014116772	DINI, Dimitri	(33) Germany
102015103444	(31) 102007061923	(51) H02G 3/22
(32) 15.10.2014	102008012859	H01R 13/523
17.11.2014	(32) 21.12.2007	H02G 15/013
10.03.2015	06.03.2008	H02G 15/14
(33) Germany	(33) Germany	(11) EP3114741
Germany	Germany	(21) EP14713650.1
Germany	(51) H01T 13/20	(47) 30.01.2019
(51) H01R 43/28	F02P 13/00	(87) US2014019981
H01R 9/03	H01T 13/16	11.09.2015
(11) EP3128627	H01T 13/39	(22) 03.03.2014
(21) EP15179674.5	H01T 13/32	(54) ELECTRICAL PENETRATOR ASSEMBLY
(47) 30.01.2019	(11) EP2790280	(73) FMC Technologies, Inc.
(22) 04.08.2015	(21) EP12855438.3	(72) STRIKOVSKI, Andrei M.
(54) CLAMPING DEVICE AND ITS OPENING UNIT AND METHOD FOR ACTUATING THE CLAMPING DEVICE BY THE OPENING UNIT	(47) 23.01.2019	(51) H02H 3/16
(73) MD Elektronik GmbH	(87) JP2012007748	G01R 31/08
(72) STRAUB, Benedikt	13.06.2013	H02H 7/28
(51) H01S 3/067	(22) 03.12.2012	H02H 1/00
H01S 3/094	(54) SPARK PLUG	(11) EP3208904
H01S 3/10	(73) NGK Spark Plug Co., Ltd.	(21) EP16275030.1
(11) EP2390970	(72) KATAOKA, Yoshikazu	(47) 23.01.2019
(21) EP11166136.9	(31) 2011268547	(22) 19.02.2016
(47) 30.01.2019	(32) 08.12.2011	(54) APPARATUS FOR DETERMINATION OF A GROUND FAULT AND ASSOCIATED METHOD
	(33) Japan	(73) General Electric Technology GmbH

- (72) WANG, Zheng
MA, Yongyue
HA, Hengxu

- (51) H02H 9/00
H02H 9/04
H02H 9/06
H01T 15/00
(11) EP3031109
(21) EP14744597.7
(47) 30.01.2019
(87) EP2014066404
12.02.2015
(22) 30.07.2014
(54) SPARK GAP ARRANGEMENT
(73) TDK Electronics AG
(72) BOBERT, Peter
DORSCH, Eduard
WERNER, Frank
(31) 102013108658
(32) 09.08.2013
(33) Germany

- (51) H02H 9/02
G05F 1/56
G01R 1/36
(11) EP3297112
(21) EP17190733.0
(47) 30.01.2019
(22) 12.09.2017
(54) CURRENT LIMITER FOR AC CHARGE
(73) COMMISSARIAT A L'ENERGIE
ATOMIQUE ET AUX ENERGIES
ALTERNATIVES
(72) ESCOFFIER, René
BOUCHET, Thierry
(31) 1658825
(32) 20.09.2016
(33) France

- (51) H02H 9/04
(11) EP2335334
(21) EP09783832.0
(47) 23.01.2019
(87) EP2009063060
06.05.2010
(22) 07.10.2009
(54) LOW VOLTAGE ELECTROSTATIC
DISCHARGE PROTECTION
(73) Qualcomm Technologies International, Ltd.
(72) PUGSLEY, William
(31) 0820051
(32) 31.10.2008
(33) United Kingdom

- (51) H02J 1/10
H02M 7/08
(11) EP2679937
(21) EP11859369.8
(47) 23.01.2019
(87) JP2011079309
30.08.2012
(22) 19.12.2011
(54) POWER SUPPLY CIRCUIT AND HEAT
PUMP UNIT
(73) Daikin Industries, Ltd.
(72) TAKATA Nobuyoshi
(31) 2011039962
(32) 25.02.2011
(33) Japan

- (51) H02J 1/12
H02J 3/38
H02J 7/34
(11) EP3082210
(21) EP16163936.4
(47) 23.01.2019
(22) 05.04.2016
(54) POWER GENERATION SYSTEM
AND METHOD WITH ENERGY
MANAGEMENT
(73) General Electric Company
(72) ZHAO, Tong
LI, Rong
FU, Xu
LANDA, Bernard
(31) 201510176635
(32) 14.04.2015
(33) China

- (51) H02J 3/14
(11) EP3275067
(21) EP16706872.5
(47) 23.01.2019
(87) EP2016054219
06.10.2016
(22) 29.02.2016
(54) METHOD FOR CONNECTING AN
ENERGY GENERATION INSTALLATION
TO A MEDIUM VOLTAGE NETWORK
AND ENERGY GENERATION
INSTALLATION
(73) SMA Solar Technology AG
(72) FALK, Andreas
(31) 102015104783
(32) 27.03.2015
(33) Germany

- (51) H02J 3/14
H02J 3/38
H02J 7/35
(11) EP3200302
(21) EP17153118.9
(47) 23.01.2019
(22) 25.01.2017
(54) APPARATUS AND METHOD FOR
CONTROLLING A PREMISES ENERGY
SYSTEM
(73) Viessmann Werke GmbH & Co. KG
(72) BIENIEK, Sebastian
HAFNER, Bernd
SELIGER, Eckhard
BROCKMANN, Robert
NEUMEIER, Markus
BÜHRING, Andreas
(31) 102016201105
(32) 26.01.2016
(33) Germany

- (51) H02J 3/18
H02J 13/00
(11) EP2345131
(21) EP09821476.0
(47) 30.01.2019
(87) CA2009001502
29.04.2010
(22) 20.10.2009
(54) SINGLE PHASE POWER FACTOR
CORRECTION SYSTEM AND METHOD
(73) Fallis, Deborah Lynn
Beuthling, Mischa Warren
(72) Fallis, Deborah Lynn
Beuthling, Mischa Warren
- (31) 136981 P
(32) 20.10.2008
(33) United States of America

- (51) H02J 3/18
H02M 7/49
H02M 1/32
(11) EP3132515
(21) EP14731591.5
(47) 30.01.2019
(87) EP2014062410
17.12.2015
(22) 13.06.2014
(54) CONVERTER FOR OUTPUTTING
REACTIVE POWER, AND METHOD FOR
CONTROLLING SAID CONVERTER
(73) Siemens Aktiengesellschaft
(72) PIESCHEL, Martin
SIEGL, Christian
WIESINGER, Markus

- (51) H02J 3/28
B64D 47/00
H02J 4/00
H02J 3/32
B60L 11/18
B60R 16/03
B64D 41/00
(11) EP2880734
(21) EP13825807.4
(47) 30.01.2019
(87) US2013052583
06.02.2014
(22) 29.07.2013
(54) ELECTRIC SYSTEM STABILIZING
SYSTEM FOR AIRCRAFT
(73) Kawasaki Jukogyo Kabushiki Kaisha
The Boeing Company
(72) IWASHIMA, Atsushi
SUGIMOTO, Kazushige
MATSUO, Kazuya
BREIT, Joseph, S.
NOZARI, Farhad
(31) 201213561572
(32) 30.07.2012
(33) United States of America

- (51) H02J 3/38
G05F 1/67
(11) EP3249492
(21) EP17172860.3
(47) 23.01.2019
(22) 24.05.2017
(54) MAXIMUM POWER POINT TRACKING
OF A PHOTOVOLTAIC GENERATOR
BASED ON RESEARCH OF A TARGET
RANGE
(73) Ricerca sul Sistema Energetico - RSE S.p.A.
(72) MINUTO, Alessandro
(31) UA20163806
(32) 25.05.2016
(33) Italy

- (51) H02J 3/38
H01L 31/042
(11) EP2638613
(21) EP11793347.3
(47) 23.01.2019
(87) EP2011069453
18.05.2012
(22) 04.11.2011

(54) METHOD FOR OPERATION OF A PHOTOVOLTAIC INSTALLATION FOR FEEDING ELECTRICAL POWER INTO A MEDIUM-VOLTAGE POWER SUPPLY GRID	(54) Charger (73) Panasonic Intellectual Property Management Co., Ltd. (72) Kubota, Atsumasa Ikeda, Masaki Miwa, Tatsuya Shimizu, Naoki Iwamura, Norihiro	(72) CHAZAL, Yann TOUSSAINT, Philippe TRINH, Do-Hieu UMLAWSKI, Mathieu
(73) SMA Solar Technology AG Adensis GmbH	(31) 2006319199 (32) 27.11.2006 (33) Japan	(31) 1551760 (32) 03.03.2015 (33) France
(72) FALK, Andreas GERDEMANN, Aaron Philipp NIEBLING, Frank BECK, Bernhard	(51) H02J 7/00 (31) H02M 7/483 (11) EP2584689 (21) EP12188754.1	(51) H02J 7/00 H02M 7/483 (11) EP2584689 (21) EP12188754.1
(31) 102010060398 (32) 08.11.2010 (33) Germany	(51) H02J 7/00 (11) EP2481141 (21) EP10818465.6	(47) 30.01.2019 (22) 17.10.2012 (54) Battery power management system
(51) H02J 3/38 H02P 9/00 H02P 9/04 F03D 7/04 F03D 9/25 H02P 9/42 F03D 7/02	(47) 23.01.2019 (87) FI2010050733 31.03.2011 (22) 22.09.2010 (54) INDUCTIVE POWER SUPPLY (73) Powermat Technologies Ltd. (72) ANTTILA, Sami	(73) Dien, Ghing-Hsin (72) Dien, Ghing-Hsin (31) 100137794 (32) 18.10.2011 (33) Taiwan, Province of China
(11) EP3214719 (21) EP17157474.2 (47) 23.01.2019 (22) 22.02.2017	(31) 20095973 (32) 22.09.2009 (33) Finland	(31) 100137794 (32) 18.10.2011 (33) Taiwan, Province of China
(54) SYSTEM AND METHOD FOR CONTROLLING DC LINK VOLTAGE OF A POWER CONVERTER FOR DOUBLY-FED INDUCTION GENERATORS	(51) H02J 7/00 (11) EP3109968 (21) EP15752855.5 (47) 30.01.2019 (87) JP2015053589 27.08.2015	(51) H02J 7/02 H02J 7/00 H02J 5/00 H02J 50/00 H02J 50/12 H02J 50/60 H02J 50/40 H02J 50/90 H02J 50/80 (11) EP2503663 (21) EP12160827.7 (47) 23.01.2019 (22) 22.03.2012
(73) General Electric Company (72) SCHNETZKA, Harold Robert KLODOWSKI, Anthony Michael BARKER, Sidney Allen	(22) 10.02.2015 (54) CHARGING CONTROL DEVICE (73) TOYOTA JIDOSHA KABUSHIKI KAISHA (72) YOSHIDA, Ken (31) 2014030059 (32) 19.02.2014 (33) Japan	(54) Method for controlling power transmission in wireless power transmission apparatus and wireless power transmission apparatus thereof (73) GE Hybrid Technologies, LLC (72) JUNG, Chun-Kil (31) 20110026056 (32) 23.03.2011 (33) Korea (Republic)
(31) 201615059343 (32) 03.03.2016 (33) United States of America	(32) 19.02.2014 (33) Japan	(54) Method for controlling power transmission in wireless power transmission apparatus and wireless power transmission apparatus thereof (73) GE Hybrid Technologies, LLC (72) JUNG, Chun-Kil (31) 20110026056 (32) 23.03.2011 (33) Korea (Republic)
(51) H02J 4/00 H02J 3/38 H02J 3/30 H02J 3/32 E21B 41/00 H02J 3/14 H02P 27/06	(51) H02J 7/00 H01M 2/10 H01M 10/42 H01M 10/44 H01M 10/48 (11) EP3226376 (21) EP17161146.0 (47) 30.01.2019 (22) 15.03.2017	(73) GE Hybrid Technologies, LLC (72) JUNG, Chun-Kil (31) 20110026056 (32) 23.03.2011 (33) Korea (Republic)
(11) EP3259821 (21) EP16711520.3 (47) 30.01.2019 (87) DK2016000006 25.08.2016 (22) 22.02.2016	(54) ENERGY STORAGE MODULE FOR A MANUALLY OPERATED MACHINE TOOL AND BATTERY CHARGER FOR SAME (73) Festool GmbH (72) Pröpper, Georg (31) 102016105802 (32) 30.03.2016 (33) Germany	(51) H02J 7/02 H02J 50/12 H01R 43/00 H01F 7/06 H01F 27/28 H05K 1/16 H05B 6/36 A61N 1/05 A61N 1/36 H01F 29/02 H01F 38/14 H01F 41/04 H01Q 7/00 H03H 7/01 H02P 13/00 H04B 5/00 H05B 6/06 H05B 6/12 (11) EP2406655 (21) EP10751119.8 (47) 30.01.2019 (87) US2010000714 16.09.2010 (22) 09.03.2010
(54) POWER GENERATION AND DISTRIBUTION SYSTEM FOR OFFSHORE DRILLING UNITS	(51) H02J 7/00 H02J 7/34 (11) EP3266093 (21) EP16713532.6 (47) 30.01.2019 (87) FR2016050453 09.09.2016 (22) 29.02.2016	(54) SYSTEM AND METHOD FOR WIRELESS POWER TRANSFER IN IMPLANTABLE MEDICAL DEVICES
(73) Mærsk Drilling A/S (72) PEDERSEN, John, Røn (31) 201500099 201500424 201500789	(33) Germany	(54) SYSTEM AND METHOD FOR WIRELESS POWER TRANSFER IN IMPLANTABLE MEDICAL DEVICES
(32) 20.02.2015 20.07.2015 07.12.2015	(51) H02J 7/00 H02J 7/34 (11) EP3266093 (21) EP16713532.6 (47) 30.01.2019 (87) FR2016050453 09.09.2016 (22) 29.02.2016	(54) SYSTEM AND METHOD FOR WIRELESS POWER TRANSFER IN IMPLANTABLE MEDICAL DEVICES
(33) Denmark Denmark Denmark	(54) METHOD AND SYSTEM FOR ALLOCATING A POWER REQUEST TO A PLURALITY OF BATTERIES CONNECTED IN PARALLEL (73) Renault S.A.S.	(54) SYSTEM AND METHOD FOR WIRELESS POWER TRANSFER IN IMPLANTABLE MEDICAL DEVICES
(51) H02J 7/00 (11) EP1926195 (21) EP07022233.6 (47) 23.01.2019 (22) 15.11.2007	(54) METHOD AND SYSTEM FOR ALLOCATING A POWER REQUEST TO A PLURALITY OF BATTERIES CONNECTED IN PARALLEL (73) Renault S.A.S.	(54) SYSTEM AND METHOD FOR WIRELESS POWER TRANSFER IN IMPLANTABLE MEDICAL DEVICES

(73) NuCurrent, Inc.	(87) CN2015078908	B60L 11/18
(72) DERBAS, Justin, R. SINGH, Vinit	17.11.2016	(11) EP2773019
(31) 158688 P	(22) 13.05.2015	(21) EP11874778.1
(32) 09.03.2009	(54) QUICK CHARGING METHOD, POWER ADAPTER AND MOBILE TERMINAL	(47) 23.01.2019
(33) United States of America	(73) Guangdong Oppo Mobile Telecommunications Corp., Ltd.	(87) JP2011074802 02.05.2013
(51) H02J 7/02	(72) ZHANG, Jialiang	(22) 27.10.2011
H02J 50/12	(51) H02J 7/14	(54) NON-CONTACT POWER RECEIVING APPARATUS
H02J 50/40	B60R 16/033	(73) Toyota Jidosha Kabushiki Kaisha
H02J 50/60	(11) EP3202015	(72) NAKAMURA, Toru
H02J 5/00	(21) EP15791683.4	ICHIKAWA, Shinji
(11) EP2347494	(47) 23.01.2019	(51) H02J 50/12
(21) EP09736528.2	(87) FR2015052643	(11) EP2405556
(47) 23.01.2019	07.04.2016	(21) EP10748673.0
(87) US2009059310	(22) 02.10.2015	(47) 23.01.2019
08.04.2010	(54) IMPROVED POWER TRANSFER MANAGEMENT DEVICE	(87) JP2010053041 10.09.2010
(22) 02.10.2009	(73) PSA Automobiles SA	(22) 26.02.2010
(54) POWER SYSTEM	(72) COMTE, Raphael	(54) NON-CONTACT POWER SUPPLYING DEVICE AND NON-CONTACT POWER SUPPLYING METHOD
(73) Philips IP Ventures B.V.	BOUCLY, Bernard	(73) Nissan Motor Co., Ltd.
(72) FELLS, Julian Andrew John BAARMAN, David W.	(31) 1459489	(72) KAI, Toshihiro
(31) 10260208 P	(32) 03.10.2014	KRAISORN, Throngnumachai
14274509 P	(33) France	HAYAMI, Yasuaki
(32) 03.10.2008	(51) H02J 7/14	(31) 2009052878
06.01.2009	H02J 7/24	2010015816
(33) United States of America	H02P 6/04	(32) 06.03.2009
United States of America	H02J 1/00	27.01.2010
(51) H02J 7/04	B60G 13/14	(33) Japan
(11) EP3131171	B60L 11/18	Japan
(21) EP14905952.9	(11) EP3319205	(51) H02J 50/80
(47) 30.01.2019	(21) EP17199227.4	H02J 7/00
(87) CN2014090845	(47) 23.01.2019	H02J 50/12
19.05.2016	(22) 30.10.2017	H02J 50/40
(22) 11.11.2014	(54) APPARATUS FOR MANAGING THE ENERGY SUPPLIED TO A LOW- VOLTAGE SYSTEM OF A MOTOR VEHICLE THAT COMPRISES AN ENERGY-RECOVERY STAGE, AND CORRESPONDING METHOD	H02J 50/90
(54) POWER ADAPTOR, TERMINAL AND CHARGING SYSTEM	(73) Magneti Marelli S.p.A. Sistemi Sospensioni S.p.A.	H02J 7/02
(73) Guangdong Oppo Mobile Telecommunications Corp., Ltd	(72) NEPOTE, Andrea	H04B 5/00
(72) ZHANG, Jialiang	GRECO, Giordano	(11) EP3300213
(51) H02J 7/04	CONTI, Piero Antonio	(21) EP16796089.7
H01M 10/48	(31) 201600112547	(47) 23.01.2019
H04L 29/00	(32) 08.11.2016	(87) JP2016002324
H04L 29/12	(33) Italy	24.11.2016
H02J 7/00	(51) H02J 13/00	(22) 12.05.2016
H01M 10/42	(11) EP2633600	(54) NON-CONTACT POWER SUPPLYING APPLIANCE AND NON-CONTACT POWER RECEIVING APPLIANCE, AND NON-CONTACT POWER TRANSMITTING SYSTEM PROVIDED THEREWITH
(11) EP2720348	(21) EP11802267.2	(73) Panasonic Intellectual Property Management Co., Ltd.
(21) EP12829527.6	(47) 30.01.2019	(72) TOMINAGA, Hiroshi
(47) 23.01.2019	(87) EP2011005451	KUROBE, Akio
(87) KR2012007129	03.05.2012	(31) 2015101858
14.03.2013	(22) 28.10.2011	(32) 19.05.2015
(22) 05.09.2012	(54) METHOD FOR SHORT-CYCLIC DATA CAPTURE, FOR ENERGY MONITORING AND FOR SYSTEM CONTROL IN THE SMART METERING/SMART GRID USING A PIECE OF DISTRIBUTED, INTELLIGENT MIDDLEWARE	(33) Japan
(54) METHOD AND SYSTEM FOR ALLOCATING IDENTIFIERS TO MULTI- SLAVE IN BATTERY PACK	(73) CBB Software GmbH	(51) H02K 1/06
(73) LG Chem, Ltd.	(72) KAZAKOV, Dmitry	H02K 1/18
(72) KIM, Hyun-Jin	GAEBEL, Clark	H02K 1/30
KIM, Ju-Young	(31) 102010049628	H02K 15/02
KO, Jong-Kyung	(32) 28.10.2010	F03D 9/25
KIM, Ji-Hun	(33) Germany	H02K 7/18
(31) 20110089746	(51) H02J 50/00	H02K 15/03
(32) 05.09.2011		H02K 15/16
(33) Korea (Republic)		H02K 15/00
(51) H02J 7/04		(11) EP2731232
H02J 7/00		
H04M 19/08		
(11) EP3142221		
(21) EP15891520.7		
(47) 30.01.2019		

(21) EP12382439.3	2010159584	VUKOVIC, Mirjana
(47) 30.01.2019	(32) 14.07.2010	BRENNER, Robin
(22) 08.11.2012	14.07.2010	RATZISBERGER, Dominik
(54) Generator for a wind turbine	(33) Japan	TERINGL, Claus
(73) GE Renewable Technologies Wind B.V.	Japan	(31) 14188128
(72) Muñiz Casais, César	(51) H02K 1/30	(32) 08.10.2014
(51) H02K 1/14	H02K 15/16	(33) European Patent Office (EPO)
H02K 15/02	H02K 7/102	(51) H02K 3/51
(11) EP2587632	(11) EP3306786	H02K 15/00
(21) EP10853666.5	(21) EP17001613.3	F16J 15/02
(47) 23.01.2019	(47) 30.01.2019	H02K 5/124
(87) JP2010060827	(22) 15.02.2016	(11) EP3323191
29.12.2011	(54) ELECTRIC MOTOR	(21) EP16734533.9
(22) 25.06.2010	(73) Sew-Eurodrive GmbH & Co. KG	(47) 23.01.2019
(54) LAMINATED CORE FOR DYNAMO-ELECTRIC MACHINE	(72) Partheymüller, Alexander	(87) US2016038693
(73) Mitsubishi Electric Corporation	(31) 102015003468	19.01.2017
(72) HASHIMOTO, Akira	(32) 19.03.2015	(22) 22.06.2016
NAKAHARA, Yuji	(33) Germany	(54) RADIAL LEAD SEAL ASSEMBLY OF A GENERATOR
KOMATSU, Takanori	(51) H02K 3/12	(73) Siemens Energy, Inc.
UMEDA, Takashi	H01F 5/00	(72) GORE, Robert
(51) H02K 1/17	H01F 5/06	RASINSKI, Michael J.
H02K 23/04	H02K 3/34	WHITENER, Randy Edward
(11) EP2618459	(11) EP2738914	(31) 201514799985
(21) EP11824836.8	(21) EP12851634.1	(32) 15.07.2015
(47) 30.01.2019	(47) 23.01.2019	(33) United States of America
(87) JP2011061517	(87) JP2012076321	(51) H02K 5/08
22.03.2012	30.05.2013	H02K 5/173
(22) 19.05.2011	(22) 11.10.2012	H02K 11/01
(54) ROTATING ELECTRICAL MACHINE	(54) CONDUCTOR AND ROTATING ELECTRICAL MACHINE	H02K 11/40
(73) Mitsubishi Electric Corporation	(73) AISIN AW CO., LTD.	(11) EP2378645
(72) ONISHI, Toshiyuki	(72) KOGA, Kiyotaka	(21) EP10769442.4
OKAZAKI, Masafumi	(31) 2011254147	(47) 23.01.2019
OHATA, Katsumi	(32) 21.11.2011	(87) JP2010002250
FUJIWARA, Akio	(33) Japan	04.11.2010
HIROSUE, Wataru	(51) H02K 3/26	(22) 29.03.2010
(31) 2010204598	H02K 29/08	(54) ELECTRIC MOTOR AND ELECTRIC EQUIPMENT WITH SAME
(32) 13.09.2010	H02K 29/12	(73) Panasonic Intellectual Property Management Co., Ltd.
(33) Japan	H02K 41/03	(72) KADO, Haruhiko
(51) H02K 1/24	(11) EP2923434	MIZUKAMI, Hirofumi
H02K 15/02	(21) EP13776414.8	WATANABE, Akihiko
H02K 19/06	(47) 23.01.2019	HASEGAWA, Takehiko
H02K 41/03	(87) EP2013002792	(31) 2009109193
H02K 1/02	30.05.2014	(32) 28.04.2009
(11) EP2768117	(22) 17.09.2013	(33) Japan
(21) EP13155626.8	(54) LINEAR MOTOR	(51) H02K 5/22
(47) 23.01.2019	(73) Baumüller Directmotion GmbH	H02K 11/33
(22) 18.02.2013	(72) ERLICH, Markus	H01R 24/20
(54) Rotor of a reluctance machine	(31) 102012022663	H01R 27/02
(73) Siemens Aktiengesellschaft	(32) 21.11.2012	G05B 19/418
(72) Vollmer, Rolf	(33) Germany	H02K 5/14
Mader, Daniel	(51) H02K 3/47	H01R 107/00
(51) H02K 1/27	H02K 3/38	(11) EP3171487
(11) EP2595281	H02K 15/00	(21) EP16198014.9
(21) EP11806625.7	H02K 3/12	(47) 23.01.2019
(47) 23.01.2019	(11) EP3183799	(22) 09.11.2016
(87) JP2011064714	(21) EP15774610.8	(54) DRIVE SYSTEM AND HYBRID CONNECTOR SYSTEM FOR A DRIVE SYSTEM
19.01.2012	(47) 23.01.2019	(73) Baumüller Nürnberg GmbH
(22) 27.06.2011	(87) EP2015072787	(72) BORMUTH, Bernd
(54) ROTATING ELEMENT WITH EMBEDDED PERMANENT MAGNET AND ROTATING ELECTRICAL MACHINE	14.04.2016	SCHRÖDEL, Georg
(73) Kabushiki Kaisha Toyota Jidoshokki	(22) 02.10.2015	(31) 102015222982
(72) SAITO, Yoichi	(54) ACTIVE PART OF AN ELECTRIC MACHINE	(32) 20.11.2015
YOSHIDA, Toshihiko	(73) Siemens Aktiengesellschaft	(33) Germany
HATTORI, Tatsuya	(72) BOGDAN, Zolt	(51) H02K 7/08
(31) 2010159586	ILES, Janos	
	LINDMEIER, Andreas	
	SCHÖNBAUER, Norbert	

H02K 7/18	(51) H02K 19/22	H02M 7/219
H02K 11/20	H02K 1/22	H02M 5/458
F03D 7/02	H02K 15/16	H02M 1/00
F03D 80/70	H02K 7/04	H02M 1/36
H02K 7/102	H02K 3/52	(11) EP3258581
H02K 7/10	H02K 1/24	(21) EP17173409.8
H02K 11/00	(11) EP2928051	(47) 23.01.2019
(11) EP2747252	(21) EP12889540.6	(22) 30.05.2017
(21) EP12197853.0	(47) 23.01.2019	(54) MOTOR DRIVE WITH RESONANCE
(47) 23.01.2019	(87) JP2012081237	DETECTION AND IMPEDANCE
(22) 18.12.2012	12.06.2014	COMPUTATION
(54) Air-gap secure system for a wind turbine	(22) 03.12.2012	(73) Rockwell Automation Technologies, Inc.
(73) Siemens Aktiengesellschaft	(54) ROTOR OF ROTATING ELECTRICAL	(72) ZHANG, Shaofeng
(72) Eriksen, Uffe	MACHINE AND METHOD FOR	LU, Haihui
Johansen, Claus	MANUFACTURING SAME	PATEL, Yogesh P.
Veng, Jens Anton Agerskov	(73) Mitsubishi Electric Corporation	AHMED, Ahmed Mohamed Sayed
(51) H02K 7/14	(72) TANAKA Kazunori	WEI, Lixiang
H02K 9/06	MORITA Ryuzo	LUKASZEWSKI, Richard
F04D 29/58	(51) H02K 21/02	(31) 201615173767
F04D 29/32	H02K 49/02	(32) 06.06.2016
(11) EP3031132	B64C 25/34	(33) United States of America
(21) EP14750348.6	B64C 25/50	(51) H02M 1/32
(47) 30.01.2019	(11) EP3156326	H02M 1/34
(87) EP2014066967	(21) EP16193658.8	H02M 7/48
12.02.2015	(47) 23.01.2019	(11) EP3142238
(22) 07.08.2014	(22) 13.10.2016	(21) EP15810078.4
(54) ROTOR HUB ASSEMBLY, ELECTRIC	(54) AXIAL ENGAGEMENT-CONTROLLED	(47) 23.01.2019
FAN	VARIABLE DAMPER SYSTEMS AND	(87) CN2015081573
(73) Brose Fahrzeugteile GmbH & Co.	METHODS	23.12.2015
Kommanditgesellschaft, Würzburg	(73) Goodrich Corporation	(22) 16.06.2015
(72) EVERS, Andre	(72) HIMMELMANN, Richard A.	(54) INVERTER AND CONTROL DEVICE
ROHM, Franziska	(31) 201514882086	AND METHOD THEREOF, AND
GASS, Alexander	201514882140	INVERTER SYSTEM
DRESBACH, Sascha	(32) 13.10.2015	(73) Huawei Technologies Co., Ltd.
SCHÄFER, Tilman	13.10.2015	(72) SHI, Yong
(31) 102013215808	(33) United States of America	SHI, Lei
(32) 09.08.2013	United States of America	(31) 201410281393
(33) Germany	(51) H02K 41/03	(32) 20.06.2014
(51) H02K 11/04	F41B 6/00	(33) China
(11) EP2451059	H02K 41/00	(51) H02M 1/32
(21) EP11186851.9	(11) EP3361612	H02M 3/156
(47) 23.01.2019	(21) EP18155294.4	H02M 1/00
(22) 27.10.2011	(47) 23.01.2019	H02M 7/5387
(54) Brushless electromagnetic motor.	(22) 06.02.2018	(11) EP2495865
(73) XAP	(54) ELECTROMAGNETIC IMPACT DRIVE	(21) EP12152043.1
(72) Hardy, François	(73) Benteler Maschinenbau GmbH	(47) 23.01.2019
(31) 1059098	(72) Frank, Anton	(22) 23.01.2012
(32) 04.11.2010	Frost, Georg	(54) Method for limiting the current provided by a
(33) France	Rabe, Frank	direct-current power source
(51) H02K 15/09	Hesselmann, Martin	(73) Safran Landing Systems
H02K 15/085	(31) 102017102835	(72) Leynaert, François-Noël
(11) EP3029816	(32) 13.02.2017	Annee, Etienne
(21) EP14831554.2	(33) Germany	(31) 1150790
(47) 30.01.2019	(51) H02K 41/03	(32) 01.02.2011
(87) JP2014066466	H02K 1/17	(33) France
05.02.2015	B65G 21/20	(51) H02M 1/36
(22) 20.06.2014	H01F 7/02	H02M 1/00
(54) WINDING DEVICE AND WINDING	B65G 54/02	(11) EP2487782
METHOD	(11) EP3197031	(21) EP11196259.3
(73) MITSUBA Corporation	(21) EP16152559.7	(47) 30.01.2019
Nittoku Engineering Co., Ltd.	(47) 23.01.2019	(22) 30.12.2011
(72) KONDO, Koji	(22) 25.01.2016	(54) Integrated high-voltage power supply start-up
KATO, Ryo	(54) MAGNETIC RAIL FOR A TRANSPORT	circuit
NARA, Tetsuya	DEVICE	(73) Infineon Technologies Americas Corp.
ARAMAKI, Kenichi	(73) ETEL S.A.	(72) Ribarich, Thomas J.
(31) 2013156209	(72) TAMELLINI, Valerio	(31) 201113023864
(32) 28.07.2013	(51) H02M 1/12	(32) 09.02.2011
(33) Japan	H02M 1/32	(33) United States of America

(51) H02M 3/07	Borfigat, Nicolas	(51) H02M 7/00
(11) EP2830203	(51) H02M 3/335	H02M 1/44
(21) EP14178741.6	(11) EP2289159	(11) EP2368312
(47) 30.01.2019	(21) EP08767189.7	(21) EP09805817.5
(22) 07.09.2004	(47) 30.01.2019	(47) 23.01.2019
(54) Low noise charge pump method and apparatus	(87) SE2008050723	(87) IB2009007799
	23.12.2009	24.06.2010
(73) pSemi Corporation	(22) 17.06.2008	(22) 17.12.2009
(72) Burgener, Mark L. Kelly, Dylan Cable, James S.	(54) A POWER CONVERTER	(54) VOLTAGE CONVERSION DEVICE WITH IMPROVED NOISE REDUCTION
(31) 658154	(73) Telefonaktiebolaget LM Ericsson (publ)	(73) Visteon Global Technologies, Inc.
(32) 08.09.2003	(72) APPELBERG, Mikael	TOYOTA JIDOSHA KABUSHIKI KAISHA
(33) United States of America	(51) H02M 5/10	(72) NAITO, Takayuki
(51) H02M 3/07	H02J 3/36	NOJIMA, Akihiko
H02M 3/158	(11) EP2901537	IMAI, Takashi
(11) EP2564497	(21) EP12801475.0	ISHIHARA, Nobuyuki
(21) EP11716281.8	(47) 23.01.2019	OOE, Junzo
(47) 23.01.2019	(87) EP2012072981	MIZUTANI, Koichi
(87) EP2011056687	22.05.2014	INADA, Masaru
03.11.2011	(22) 19.11.2012	YAMANOE, Kouichi
(22) 27.04.2011	(54) TRANSFORMATION APPARATUS	YAMAMOTO, Shigeki
(54) DIRECT CURRENT VOLTAGE CONVERSION CIRCUIT	(73) Siemens Aktiengesellschaft	(31) 2008322477
(73) OCT Circuit Technologies International Limited	(72) GAUDENZ, Markus Matthias	2008324717
(72) ARNO, Patrik	SCHMITZ, Thomas	(32) 18.12.2008
PREMONT, Christophe	(51) H02M 5/257	19.12.2008
(31) 347925 P	B03C 3/68	(33) Japan
1053281	H02M 7/06	Japan
(32) 25.05.2010	(11) EP3113349	(51) H02M 7/217
28.04.2010	(21) EP15180636.1	H02M 1/42
(33) United States of America	(47) 30.01.2019	(11) EP2608381
France	(22) 11.08.2015	(21) EP12194434.2
(51) H02M 3/156	(54) A METHOD FOR CALCULATING THE PULSE FIRING PATTERN FOR A TRANSFORMER OF AN ELECTROSTATIC PRECIPITATOR AND ELECTROSTATIC PRECIPITATOR	(47) 23.01.2019
(11) EP3261241	(73) General Electric Technology GmbH	(22) 27.11.2012
(21) EP16305746.6	(72) Williamsson, Carl Marcus	(54) AC-DC converter
(47) 30.01.2019	Önnerby Pettersson, Inger Elisabeth	(73) Samsung Electronics Co., Ltd
(22) 20.06.2016	Dash, Nanda Kishore	(72) Lee, Dong Hwan
(54) SWITCHED CURRENT CONTROL MODULE AND METHOD THEREFOR	Karlsson, Anders Nils Gustav	(31) 20110126321
(73) NXP USA, Inc.	(31) 1921DE2015	(32) 29.11.2011
(72) Bosvieux, Tristan	(32) 29.06.2015	(33) Korea (Republic)
Guillermard, Jeremy	(33) India	(51) H02M 7/219
Pigott, John	(51) H02M 5/42	G05F 5/00
(51) H02M 3/158	H02J 9/06	(11) EP2908421
H02M 3/156	H01H 71/00	(21) EP15155150.4
(11) EP2779398	H02M 7/00	(47) 30.01.2019
(21) EP13368010.8	H02M 7/219	(22) 14.02.2015
(47) 23.01.2019	H02H 3/00	(54) Energy harvesting interface with improved impedance matching, method for operating the energy harvesting interface, and energy harvesting system using the energy harvesting interface
(22) 15.03.2013	H02J 3/26	(73) STMicroelectronics S.r.l.
(54) A control method of high efficient buck-boost switching regulator	(11) EP3145070	(72) Ramorini, Stefano
(73) Dialog Semiconductor GmbH	(21) EP15812564.1	Gasparini, Alessandro
(72) Naoyuki, Unno	(47) 23.01.2019	Cattani, Alberto
(51) H02M 3/158	(87) CN2015075034	Papotti, Federica
H02M 3/157	30.12.2015	(31) TO20140128
H02M 1/00	(22) 25.03.2015	(32) 14.02.2014
(11) EP2985900	(54) CONTROL METHOD AND DEVICE FOR THREE-PHASE UNINTERRUPTIBLE POWER SUPPLY, AND THREE-PHASE UNINTERRUPTIBLE POWER SUPPLY	(33) Italy
(21) EP14181099.4	(73) Huawei Technologies Co. Ltd.	(51) H02M 7/219
(47) 30.01.2019	(72) FANG, Xiaoting	H02M 7/21
(22) 14.08.2014	LIANG, Xianghui	(11) EP2642654
(54) Digital pulse skipping modulation for buck converter with auto-transition to pulse frequency modulation (PFM)	LIU, Yongqiao	(21) EP11841625.4
(73) Dialog Semiconductor (UK) Limited	(31) 201410305779	(47) 30.01.2019
(72) De Cremoux, Guillaume	(32) 27.06.2014	(87) JP2011076023
	(33) China	24.05.2012
		(22) 11.11.2011
		(54) SWITCHING RECTIFIER CIRCUIT AND BATTERY CHARGER USING SAME

(73) Rohm Co., Ltd.	(11) EP2573927	(22) 31.08.2005
(72) TAKAHAGI Tsutomu NIIYAMA Kenichi	(21) EP11182743.2 (47) 30.01.2019	(54) CONTROL AND POWER MODULE FOR A ROTATING ELECTRICAL MACHINE
(31) 2010259304 2011092339 2011176233	(22) 26.09.2011 (54) Constructional unit with converter	(73) VALEO EQUIPEMENTS ELECTRIQUES MOTEUR
(32) 19.11.2010 18.04.2011 11.08.2011	(73) Siemens Aktiengesellschaft (72) Köpken, Hans-Georg	(72) CHEMIN, Michaël BERNARD, François-Xavier LEROUX, Frédéric
(33) Japan Japan Japan	(51) H02P 6/16 H02P 6/14 H02P 6/15 H02P 6/17	(31) 0409212 (32) 31.08.2004 (33) France
(51) H02M 7/483 H02M 7/49 H02J 3/36	(11) EP2347504 (21) EP09752135.5 (47) 23.01.2019	(51) H02P 21/00 B60L 9/18 B60W 10/08 B60W 20/00 H02P 6/08 H02P 27/04
(11) EP3214749 (21) EP15853795.1 (47) 23.01.2019	(87) EP2009063990 20.05.2010 (22) 23.10.2009	(11) EP2273666 (21) EP08873416.5 (47) 23.01.2019
(87) JP2015005428 06.05.2016 (22) 28.10.2015	(54) CONTROL DEVICE FOR A MOTOR AND METHOD FOR CONTROLLING SAID MOTOR	(87) JP2008073321 24.09.2009 (22) 22.12.2008
(54) POWER-CONVERTING DEVICE, AND POWER CONDITIONER USING SAME	(73) Continental Automotive GmbH (72) MAIER, Thomas SCHIKORA, Christoph WIERCIOCH, Thomas	(54) DEVICE AND METHOD FOR CONTROLLING VEHICLE
(73) Panasonic Intellectual Property Management Co., Ltd.	(31) 102008057288 (32) 14.11.2008 (33) Germany	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA (72) YAMAKAWA, Toshifumi HANADA, Hideto HAYASHI, Kazuhito SUHAMA, Masayoshi HASHIMOTO, Toshiya
(72) KIFUJI, Mariko KIDERA, Kazunori TANABE, Mitsuru ITOH, Kazuo	(51) H02P 7/281 H02P 7/298 H02P 7/03 H02P 5/68 B60L 9/02	(31) 2008069572 (32) 18.03.2008 (33) Japan
(31) 2014220475 (32) 29.10.2014 (33) Japan	(11) EP3229365 (21) EP16305393.7 (47) 30.01.2019 (22) 05.04.2016	(51) H02P 21/16 (11) EP2582036 (21) EP12184942.6 (47) 23.01.2019 (22) 19.09.2012
(51) H02M 7/487 H02M 1/12 H02J 3/38 H02M 1/00	(54) CONTROL DEVICE FOR CONTROLLING AT LEAST TWO DC-MACHINES OF A RAILWAY VEHICLE	(54) Parameter estimating apparatus for permanent magnet synchronous motor driving system
(11) EP2672621 (21) EP12171143.6 (47) 23.01.2019 (22) 07.06.2012	(73) ALSTOM Transport Technologies (72) BARLINI, Davide VACCA, Camillo	(73) LSIS Co., Ltd. (72) Yoo, An No (31) 20110104297 (32) 12.10.2011 (33) Korea (Republic)
(54) Method for zero-sequence damping and voltage balancing in a three-level converter with split dc-link capacitors and virtually grounded LCL filter	(51) H02P 9/02 H02K 19/36 H02J 7/00 H02J 7/14	(51) H02P 27/06 G01R 35/00 G01R 19/00 H02M 1/00
(73) ABB Research Ltd.	(11) EP3255762 (21) EP17162966.0 (47) 23.01.2019 (22) 27.03.2017	(11) EP3226409 (21) EP17162846.4 (47) 23.01.2019 (22) 24.03.2017
(72) Escobar, Gerardo Pettersson, Sami Ho, Ngai-Man	(54) SWITCHED RELUCTANCE GENERATOR BASED AUTOMOTIVE POWER GENERATING SYSTEM	(54) POWER CONVERTING DEVICE AND AIR CONDITIONER
(51) H02M 7/493 H02M 1/00 H02M 1/12	(73) Hamilton Sundstrand Corporation (72) ROZMAN, Gregory I. GIERAS, Jacek F. MOSS, Steven J.	(73) Mitsubishi Heavy Industries, Ltd. (72) TAKAHASHI, Kazuyoshi SHIMIZU, Kenji SATO, Takeshi KAWASHIMA, Kazumasa
(11) EP3059848 (21) EP16156429.9 (47) 23.01.2019 (22) 19.02.2016	(31) 201615176277 (32) 08.06.2016 (33) United States of America	(31) 2016064163 (32) 28.03.2016 (33) Japan
(54) SYSTEMS AND METHODS TO OPTIMIZE ACTIVE CURRENT SHARING OF PARALLEL POWER CONVERTERS	(51) H02P 9/10 H02H 7/06 H02P 7/00	(51) H02P 29/024 H02P 27/08 H02M 7/5387
(73) GE Energy Power Conversion Technology Ltd	(11) EP1790071 (21) EP05800599.2 (47) 30.01.2019 (87) FR2005002178 16.03.2006	
(72) BASIC, Duro GIROUX, Mathieu		
(31) 201514627041 (32) 20.02.2015 (33) United States of America		
(51) H02M 7/5387 B60L 11/18 B60L 15/00		

H02M 1/08	H03F 1/14	11.02.2016
H02M 1/32	G11C 29/02	(22) 24.06.2015
(11) EP3255785	G11C 16/12	(54) A FILTER-TERMINATION
(21) EP16863193.5	H03K 3/012	COMBINATION FOR MULTI-BAND
(47) 30.01.2019	H03K 3/353	RECEIVER
(87) JP2016063146	(11) EP2924878	(73) Thomson Licensing
02.11.2017	(21) EP15161796.6	(72) MUTERSPAUGH, Max W.
(22) 27.04.2016	(47) 30.01.2019	(31) 201462033033 P
(54) ELECTRIC MOTOR DRIVE APPARATUS	(22) 30.03.2015	(32) 04.08.2014
AND AIR CONDITIONER	(54) Amplifier stage	(33) United States of America
(73) MITSUBISHI ELECTRIC CORPORATION	(73) STMicroelectronics S.r.l.	(51) H03H 9/02
(72) ITO, Norikazu	(72) Conte, Antonino	H03H 9/24
SAITO, Katsuhiko	Giaquinta, Maria	H03H 3/007
UMEHARA, Shigeo	(31) MI20140546	H03H 3/02
AMANO, Katsuyuki	(32) 28.03.2014	H03H 9/15
FUKUDA, Masahiro	(33) Italy	(11) EP2774268
(51) H02P 29/032	(51) H03F 3/45	(21) EP12770138.1
H02P 21/18	H03F 1/26	(47) 23.01.2019
H02P 27/06	H03F 3/08	(87) EP2012070129
H02H 3/13	(11) EP2781017	10.05.2013
H02H 5/10	(21) EP12850211.9	(22) 11.10.2012
(11) EP3200340	(47) 23.01.2019	(54) THERMALLY COMPENSATED
(21) EP17152901.9	(87) US2012063640	CERAMIC RESONATOR
(47) 23.01.2019	23.05.2013	(73) The Swatch Group Research and
(22) 24.01.2017	(22) 06.11.2012	Development Ltd.
(54) POWER CONVERSION DEVICE	(54) LOW NOISE AUTO-ZERO CIRCUITS	(72) HESSLER, Thierry
(73) Hitachi, Ltd.	FOR AMPLIFIERS	DUBOIS, Philippe
(72) XIA, Yongqiang	(73) Analog Devices, Inc.	CONUS, Thierry
TACHIHARA, Shuuichi	(72) SAYUK, Mark	(31) 11187854
(31) 2016012003	(31) 201113299349	(32) 04.11.2011
(32) 26.01.2016	(32) 17.11.2011	(33) European Patent Office (EPO)
(33) Japan	(33) United States of America	(51) H03H 9/10
(51) H03F 1/02	(51) H03F 3/60	H03H 9/02
H03F 3/24	H03F 1/08	H03H 9/05
H04L 25/03	H03F 3/189	H03H 3/02
H04L 27/26	H03F 3/20	H03H 9/13
(11) EP3221964	(11) EP2840711	H03H 9/17
(21) EP15801297.1	(21) EP14178083.3	H03B 5/32
(47) 23.01.2019	(47) 30.01.2019	(11) EP3086471
(87) US2015060237	(22) 22.07.2014	(21) EP14870753.2
26.05.2016	(54) Method and apparatus for improving leakage	(47) 30.01.2019
(22) 12.11.2015	performance of a multi-port amplifier	(87) JP2014082105
(54) ENVELOPE SHAPING IN ENVELOPE	(73) The Boeing Company	25.06.2015
TRACKING POWER AMPLIFICATION	(72) Whelan, Michael A.	(22) 04.12.2014
(73) Microsoft Technology Licensing, LLC	(31) 201313955664	(54) PIEZOELECTRIC RESONATOR DEVICE
(72) WANG, Zhancang	(32) 31.07.2013	(73) Daishinku Corporation
(31) 201414543770	(33) United States of America	(72) IZUKA, Minoru
(32) 17.11.2014	(51) H03F 3/60	KOJO, Takuya
(33) United States of America	H03F 1/56	(31) 2013264219
(51) H03F 1/56	H03H 11/28	2013265924
H03F 3/00	H03F 1/18	2014008801
H03F 3/45	(11) EP2441169	(32) 20.12.2013
G11C 27/02	(21) EP09845910.0	24.12.2013
(11) EP3224944	(47) 23.01.2019	21.01.2014
(21) EP15797692.9	(87) SE2009050720	(33) Japan
(47) 30.01.2019	16.12.2010	Japan
(87) EP2015077326	(22) 11.06.2009	Japan
02.06.2016	(54) DISTRIBUTED POWER AMPLIFIER	(51) H03H 9/145
(22) 23.11.2015	WITH ACTIVE MATCHING	H03H 9/02
(54) SC AMPLIFIER CIRCUIT	(73) Saab AB	H03H 9/00
(73) Elmos Semiconductor Aktiengesellschaft	(72) NILSSON, Joakim	(11) EP2128982
(72) RAEHSE, Norbert	VICKES, Hans-Olof	(21) EP08721995.2
ARNOLD, Rüdiger	(51) H03H 7/01	(47) 23.01.2019
(31) 14195460	H03H 7/46	(87) JP2008054591
(32) 28.11.2014	(11) EP3178163	23.10.2008
(33) European Patent Office (EPO)	(21) EP15744743.4	(22) 13.03.2008
(51) H03F 3/45	(47) 30.01.2019	(54) ELASTIC WAVE DEVICE
H03F 1/08	(87) US2015037365	(73) Murata Manufacturing Co., Ltd.

(72) KANDO, Hajime KIDO, Shunsuke NAKAO, Takeshi YAMAMOTO, Daisuke	MALZAHN, Ralf	(72) KIRILENKO, Alexander STRASSBURG, Karsten RAKE, Ludger
(31) 2007082350	(31) 201414504789	(31) 102014212054
(32) 27.03.2007	(32) 02.10.2014	(32) 24.06.2014
(33) Japan	(33) United States of America	(33) Germany
(51) H03H 11/26	(51) H03K 17/12	(51) H03K 17/96
H03J 7/02	H02M 1/32	(11) EP2645571
B60L 9/00	H02M 1/088	(21) EP12161377.2
A47B 13/00	(11) EP3224934	(47) 23.01.2019
H01F 27/28	(21) EP15771579.8	(22) 27.03.2012
H01Q 1/38	(47) 23.01.2019	(54) Capacitative circuit
H03J 7/00	(87) EP2015072303	(73) RAFI GmbH & Co. KG
H01Q 1/22	02.06.2016	(72) Bulach, Eric
H03F 1/56	(22) 29.09.2015	(51) H03K 17/96
H03F 3/195	(54) METHOD AND DEVICE FOR	H01H 36/00
H03F 3/24	CONTROLLING POWER	(11) EP2858247
H03F 3/30	SEMICONDUCTOR SWITCHES	(21) EP12877229.0
H02J 7/02	CONNECTED IN PARALLEL	(47) 23.01.2019
H02J 50/40	(73) Robert Bosch GmbH	(87) KR2012007135
H02J 50/12	(72) BUTZMANN, Stefan	28.11.2013
H02J 50/05	TAUFER, Peter	(22) 05.09.2012
H02J 50/27	ECKERT, Bernd	(54) CAPACITANCE-SENSITIVE TOUCH
H02J 50/23	(31) 102014224169	SWITCH
H02J 50/90	(32) 26.11.2014	(73) Silryuk Industrial Co., Ltd.
H02J 50/70	(33) Germany	(72) MOON, Myung-II
(11) EP2754221	(51) H03K 17/56	(31) 20120056032
(21) EP12829237.2	(11) EP3255794	20120073319
(47) 23.01.2019	(21) EP16754778.5	(32) 25.05.2012
(87) CA2012000845	(47) 30.01.2019	05.07.2012
14.03.2013	(87) CN2016074669	(33) Korea (Republic)
(22) 07.09.2012	01.09.2016	Korea (Republic)
(54) WIRELESS ELECTRIC FIELD POWER	(22) 26.02.2016	(51) H03K 17/97
TRANSMISSION SYSTEM AND	(54) THYRISTOR DRIVE APPARATUS	H01H 23/14
METHOD	(73) Guangzhou Kingser Electronics Co., Ltd	H01H 36/00
(73) Solace Power Inc.	(72) GUO, Qiaoshi	(11) EP3163753
(72) POLU, Nagesh	(31) 201510095404	(21) EP16196361.6
ALAM, Mohammed Jahangir	201510107976	(47) 23.01.2019
ISLAM, Sheikh Mominul	201510715771	(22) 28.10.2016
SOLTANI, Nima	201610070145	(54) CONTACTLESS SWITCH WITH
(31) 201161532092 P	201610071552	SHIELDED VANE
(32) 07.09.2011	(32) 27.02.2015	(73) Eaton Corporation
(33) United States of America	02.03.2015	(72) LEE, Davin Robert
(51) H03K 5/1252	21.10.2015	(31) 201514927639
(11) EP2786488	24.01.2016	(32) 30.10.2015
(21) EP11794445.4	24.01.2016	(33) United States of America
(47) 23.01.2019	(33) China	(51) H03K 19/0185
(87) EP2011071426	China	(11) EP2713518
06.06.2013	China	(21) EP13184575.2
(22) 30.11.2011	China	(47) 23.01.2019
(54) AN ELECTRONIC SYSTEM FOR AN	(51) H03K 17/94	(22) 16.09.2013
ELECTRICAL APPARATUS AND	F16H 59/10	(54) Voltage translation circuit and a voltage-
RELATED METHOD	H03K 17/968	controlled oscillator including the latter
(73) ABB Schweiz AG	F16H 59/04	(73) NXP USA, Inc.
(72) DE NATALE, Gabriele Valentino	(11) EP3161961	(72) Tang, Xinghai
DI MAIO, Luciano	(21) EP15723919.5	Bhagvatheeswaran, Gayathri A.
BIANCO, Andrea	(47) 30.01.2019	Sanchez, Hector
(51) H03K 5/159	(87) EP2015060939	(31) 201213627327
H03K 19/094	30.12.2015	(32) 26.09.2012
(11) EP3012976	(22) 19.05.2015	(33) United States of America
(21) EP15186307.3	(54) APPARATUS FOR	(51) H03L 7/07
(47) 30.01.2019	OPTOELECTRONICALLY DETECTING	H03L 7/22
(22) 22.09.2015	A SELECTOR LEVER POSITION,	G06F 1/03
(54) TIMING CONTROL WITH BODY-BIAS	SELECTOR LEVER APPARATUS,	(11) EP3076552
(73) NXP B.V.	METHOD FOR PRODUCING AN	(21) EP15161762.8
(72) SHARMA, Vibhu	APPARATUS AND METHOD FOR	(47) 30.01.2019
KAPOOR, Ajay	OPTOELECTRONICALLY DETECTING A	(22) 30.03.2015
	SELECTOR LEVER POSITION	
	(73) ZF Friedrichshafen AG	

(54) DIGITAL SYNCHRONIZER	Craninckx, Jan	H03F 3/19
(73) NXP B.V.	(51) H03M 1/10	H03G 3/30
(72) van de Beek, Remco	H03M 1/46	(11) EP3231095
Verlinden, Jos	(11) EP3252952	(21) EP15805160.7
Al-Kadi, Ghiath	(21) EP16172240.0	(47) 30.01.2019
(51) H03L 7/08	(47) 30.01.2019	(87) EP2015078561
H03M 1/06	(22) 31.05.2016	16.06.2016
H03M 1/10	(54) AN ANALOGUE TO DIGITAL	(22) 03.12.2015
(11) EP3217556	CONVERTER	(54) AMPLIFIER SETTING DEVICE,
(21) EP17158713.2	(73) NXP USA, Inc.	SYSTEM COMPRISING AN AMPLIFIER
(47) 23.01.2019	(72) Bode, Hubert Martin	SETTING DEVICE AND METHOD FOR
(22) 01.03.2017	(51) H03M 13/11	OPERATING AN AMPLIFIER SETTING
(54) SYNCHRONIZATION OF OUTPUTS	(11) EP2482464	DEVICE
FROM MULTIPLE DIGITAL-TO-	(21) EP10818543.0	(73) Innovationszentrum
ANALOG CONVERTERS	(47) 23.01.2019	(72) PERTHOLD, Rainer
(73) Analog Devices, Inc.	(87) JP2010005700	(31) 102014225148
(72) COURCY, Matthew Louis	31.03.2011	(32) 08.12.2014
(31) 201615064799	(22) 17.09.2010	(33) Germany
(32) 09.03.2016	(54) ENCODING APPARATUS, DECODING	(51) H04B 1/38
(33) United States of America	APPARATUS, ENCODING METHOD,	H04B 15/00
(51) H03L 7/08	DECODING METHOD, AND	H04B 1/10
H04L 7/033	COMMUNICATION SYSTEM	(11) EP1829229
H03L 7/093	(73) Panasonic Intellectual Property Corporation	(21) EP05857350.2
(11) EP2458773	of America	(47) 23.01.2019
(21) EP10802201.3	(72) OKAMURA, Shutai	(87) IB2005003904
(47) 30.01.2019	SAKAIBARA, Kunihiko	17.08.2006
(87) JP2010061875	(31) 2009220707	(22) 22.12.2005
27.01.2011	(32) 25.09.2009	(54) INTEROPERABILITY IMPROVEMENT
(22) 14.07.2010	(33) Japan	BETWEEN RECEIVERS AND
(54) CLOCK DATA RESTORATION DEVICE	(51) H03M 13/27	TRANSMITTERS IN A MOBILE
(73) Thine Electronics, Inc.	H03M 13/29	STATION
(72) OZAWA Seiichi	(11) EP2139120	(73) Nokia Technologies Oy
YAMAMOTO Shuhei	(21) EP09008223.1	(72) LEINONEN, Marko, E.
(31) 2009173243	(47) 23.01.2019	VALTANEN, Juha
(32) 24.07.2009	(22) 23.06.2009	MYKKANEN, Jarkko
(33) Japan	(54) Interleaver	(31) 20981
(51) H03L 7/085	(73) Fraunhofer-Gesellschaft zur Förderung der	141838
H03L 7/091	angewandten Forschung e.V.	(32) 22.12.2004
(11) EP3217557	(72) Breiling, Marco	31.05.2005
(21) EP16159964.2	(31) 102008029623	(33) United States of America
(47) 23.01.2019	144257	United States of America
(22) 11.03.2016	(32) 23.06.2008	(51) H04B 1/3805
(54) CIRCUIT, APPARATUS, DIGITAL	23.06.2008	H04W 72/08
PHASE LOCKED LOOP, RECEIVER,	(33) Germany	H04W 84/12
TRANSCIEIVER, MOBILE DEVICE,	United States of America	(11) EP3005743
METHOD AND COMPUTER PROGRAM	(51) H04B 1/00	(21) EP14804485.2
TO REDUCE NOISE IN A PHASE SIGNAL	(11) EP2874318	(47) 30.01.2019
(73) Intel IP Corporation	(21) EP13825847.0	(87) IB2014061531
(72) Banin, Elan	(47) 30.01.2019	04.12.2014
Marom, Tamar	(87) CN2013076135	(22) 19.05.2014
Horovitz, Gil	06.02.2014	(54) WLAN DEVICE WITH AUXILIARY
Banin, Rotem	(22) 23.05.2013	RECEIVER CHAIN
(51) H03M 1/08	(54) TRANSMITTING CIRCUIT,	(73) Celeno Communications (Israel) Ltd.
H03M 1/12	TRANSCIEIVER, COMMUNICATION	(72) SHAPIRA, Nir
G11C 27/02	SYSTEM AND METHOD FOR	(31) 201361829070 P
H03M 1/38	TRANSMITTING DATA	(32) 30.05.2013
H03M 1/46	(73) Huawei Technologies Co., Ltd.	(33) United States of America
(11) EP2629427	(72) TONG, Wen	(51) H04B 1/3883
(21) EP12156093.2	WANG, Guangjian	H02J 7/02
(47) 23.01.2019	HUANG, Huang	G06F 1/26
(22) 17.02.2012	YAN, Xi	H04M 1/725
(54) Device, system and method for analogue-to-	LIU, Kumpeng	H02J 50/40
digital conversion using a current integrating	(31) 201210265353	H02J 50/10
circuit	(32) 30.07.2012	H02J 50/12
(73) IMEC VZW	(33) China	H02J 50/70
Renesas Electronics Corporation	(51) H04B 1/00	(11) EP2658080
(72) Yamamoto, Takaya	G01R 23/16	(21) EP13001959.9
		(47) 23.01.2019

(22) 15.04.2013	WANG, Xiang	28.04.2016
(54) Mobile terminal and controlling method thereof	(31) 201562159560 P 201562180457 P 201615148698	(22) 21.09.2015
(73) LG Electronics, Inc.	(32) 11.05.2015 16.06.2015 06.05.2016	(54) GUIDED-WAVE TRANSMISSION DEVICE WITH DIVERSITY AND METHODS FOR USE THEREWITH
(72) Han, Kiwon Yoo, Hyunsun Kim, Youngtae Yi, Mizi Lee, Joonbum Chong, Kabsung	(33) United States of America United States of America United States of America	(73) AT&T Intellectual Property I, L.P. (72) HENRY, Paul Shala BENNETT, Robert GERSZBERG, Irwin BARZEGAR, Farhad BARNICKEL, Donald J. WILLIS III, Thomas M.
(31) 20120042707	(51) H04B 3/36	(31) 201414519529
(32) 24.04.2012	H04W 48/20	(32) 21.10.2014
(33) Korea (Republic)	H04W 36/32	(33) United States of America
(51) H04B 1/44	H04W 48/12	(51) H04B 5/00
H01P 1/15	H04W 84/00	(11) EP3258611
H01P 5/10	(11) EP2882231	(21) EP15892117.1
(11) EP2738947	(21) EP13195419.0	(47) 30.01.2019
(21) EP14000687.5	(47) 23.01.2019	(87) CN2015079077
(47) 30.01.2019	(22) 03.12.2013	24.11.2016
(22) 22.12.2006	(54) CELL SELECTION IN A CELLULAR COMMUNICATION NETWORK	(22) 15.05.2015
(54) Radio frequency switch	(73) Sony Corporation	(54) MOBILE DEVICE HAVING NEAR FIELD WIRELESS COMMUNICATION FUNCTION
(73) KMW Inc.	(72) Karlsson, Peter Ying, Zhinong Bengtsson, Erik Ljung, Rickard	(73) Huawei Technologies Co., Ltd.
(72) Moon, Young Chan LEE, Kang-Hyun	(51) H04B 3/54	(72) PENG, Zhonghui WANG, Heng WANG, Yonggang CHEN, Dongjin GAO, Yang
(31) 20060094285	(11) EP2823574	(51) H04B 5/00
(32) 27.09.2006	(21) EP13712318.8	H03B 19/00
(33) Korea (Republic)	(47) 23.01.2019	B60L 11/00
(51) H04B 1/7105	(87) GB2013050512	B60L 11/18
H04J 11/00	12.09.2013	H02J 5/00
H04J 13/20	(22) 28.02.2013	H03H 7/40
(11) EP2515461	(54) DATA COMMUNICATIONS SYSTEM	H02J 50/12
(21) EP12177274.3	(73) Zenith Oilfield Technology Limited	H01F 38/14
(47) 30.01.2019	(72) SHANKS, David Sirda	H02J 7/02
(22) 26.10.2009	(31) 201204126	H02J 50/80
(54) ROOT SPREADING CODE BASED ASSIGNMENT FOR HSDPA	201209141	(11) EP3059875
(73) Telefonaktiebolaget LM Ericsson (publ)	201211806	(21) EP16153507.5
(72) Wang, Yi-Pin Eric Bottomley, Gregory E.	201215281	(47) 30.01.2019
(31) 260641	(32) 08.03.2012	(22) 25.09.2009
(32) 29.10.2008	24.05.2012	(54) WIRELESS ENERGY TRANSFER SYSTEMS
(33) United States of America	04.07.2012	(73) WiTricity Corporation
(51) H04B 3/32	28.08.2012	(72) Kesler, Morris P. Karalis, Aristeidis Kurs, Andre B. Campanella, Andrew J. Fiorello, Ron Li, Qiang Kulikowski, Konrad J. Giler, Eric R. Pergal, Frank J. Schatz, David A. Hall, Katherine L. Soljacic, Marin
(11) EP3211804	(33) United Kingdom United Kingdom United Kingdom United Kingdom	(31) 100721 P
(21) EP16305222.8	(51) H04B 3/54	108743 P
(47) 23.01.2019	H04L 12/12	121159 P
(22) 26.02.2016	(11) EP2528243	142887 P
(54) METHOD AND APPARATUS FOR DETERMINATION OF VECTORING MATRICES	(21) EP12004014.2	142796 P
(73) Alcatel Lucent	(47) 23.01.2019	142889 P
(72) TSIAFLAKIS, Paschalis BASTOS MORAES, Rodrigo JIVANESCU, Mihaela MAES, Jochen NUZMAN, Carl	(22) 23.05.2012	142885 P
(51) H04B 3/32	(54) Power consumption management in communication system	142880 P
(11) EP3251223	(73) Lantiq Beteiligungs-GmbH & Co. KG	
(21) EP16792162.6	(72) Oksman, Vladimir Kim, Joon Bae	
(47) 23.01.2019	(31) 201161490051 P	
(87) CN2016081527	(32) 25.05.2011	
17.11.2016	(33) United States of America	
(22) 10.05.2016	(51) H04B 3/56	
(54) MULTI-USER MULTIPLE-INPUT AND MULTIPLE-OUTPUT FOR DIGITAL SUBSCRIBER LINE	H01P 5/00	
(73) Huawei Technologies Co., Ltd.	(11) EP3210312	
(72) FAZLOLLAHI, Amir H.	(21) EP15775317.9	
	(47) 23.01.2019	
	(87) US2015051146	

142818 P	H04W 56/00	H04B 7/06
142977 P	(11) EP3190716	H04B 7/08
143058 P	(21) EP14902301.2	H04L 1/00
147386 P	(47) 30.01.2019	(11) EP2737640
152086 P	(87) CN2014087403	(21) EP12817540.3
152390 P	31.03.2016	(47) 23.01.2019
156764 P	(22) 25.09.2014	(87) KR2012006072
163695 P	(54) DATA COMMUNICATION METHOD	31.01.2013
169240 P	AND RELEVANT DEVICE	(22) 30.07.2012
172633 P	(73) Huawei Technologies Co. Ltd.	(54) APPARATUS AND METHOD
173747 P	(72) WANG, Ningjuan	FOR COMBINING BASEBAND
178508 P	XUE, Xin	PROCESSING AND RADIO FREQUENCY
182768 P	YAN, Min	BEAM STEERING IN A WIRELESS
(32) 27.09.2008	YU, Jian	COMMUNICATION SYSTEM
27.10.2008	(51) H04B 7/024	(73) Samsung Electronics Co., Ltd.
09.12.2008	H04B 7/06	(72) AYACH, Omar El
06.01.2009	(11) EP2448136	ABU-SURRA, Shadi
06.01.2009	(21) EP09846335.9	RAJAGOPAL, Sridhar
06.01.2009	(47) 23.01.2019	PI, Zhouyue
06.01.2009	(87) CN2009000698	(31) 201161512846 P
06.01.2009	29.12.2010	201213552565
06.01.2009	(22) 23.06.2009	(32) 28.07.2011
07.01.2009	(54) METHOD FOR CHANNEL STATUS	18.07.2012
07.01.2009	INFORMATION FEEDBACK AND	(33) United States of America
26.01.2009	DEVICE THEREOF	United States of America
12.02.2009	(73) Alcatel Lucent	(51) H04B 7/04
13.02.2009	(72) LI, Dong	H04B 7/06
02.03.2009	WU, Keying	H04B 7/10
26.03.2009	(51) H04B 7/024	H04W 52/02
14.04.2009	H04B 17/14	(11) EP2725730
24.04.2009	H04B 17/21	(21) EP12803465.9
29.04.2009	H04W 16/28	(47) 23.01.2019
15.05.2009	H04W 92/20	(87) JP2012004037
01.06.2009	H04L 5/00	27.12.2012
(33) United States of America	H04L 25/02	(22) 21.06.2012
United States of America	H04W 72/04	(54) RECEIVING DEVICE AND RECEIVING
United States of America	(11) EP2555551	METHOD
United States of America	(21) EP11762324.9	(73) Sun Patent Trust
United States of America	(47) 23.01.2019	(72) OUCHI, Mikihiro
United States of America	(87) JP2011051306	MURAKAMI, Yutaka
United States of America	06.10.2011	KIMURA, Tomohiro
United States of America	(22) 25.01.2011	(31) 2011140795
United States of America	(54) BASE STATION, COMMUNICATION	(32) 24.06.2011
United States of America	SYSTEM, AND COMMUNICATION	(33) Japan
United States of America	METHOD	(51) H04B 7/04
United States of America	(73) Sony Corporation	H04J 11/00
United States of America	(72) TAKANO, Hiroaki	H04W 88/02
United States of America	(31) 2010082050	H04B 15/00
United States of America	(32) 31.03.2010	H04B 7/02
United States of America	(33) Japan	H04B 7/06
United States of America	(51) H04B 7/04	(11) EP2654217
United States of America	H04B 7/06	(21) EP11863399.9
United States of America	(11) EP3206307	(47) 23.01.2019
United States of America	(21) EP17163627.7	(87) KR2011005533
United States of America	(47) 30.01.2019	18.10.2012
(51) H04B 5/00	(22) 26.05.2009	(22) 27.07.2011
H04B 5/06	(54) A METHOD, SYSTEM AND DEVICE FOR	(54) METHOD FOR SUPPRESSING
(11) EP2852070	BEAM FORMING TRANSMISSION	INTERFERENCE OF TERMINAL IN
(21) EP14180232.2	(73) China Academy of Telecommunications	MULTIPLE INPUT MULTIPLE OUTPUT
(47) 23.01.2019	Technology	WIRELESS COMMUNICATION SYSTEM
(22) 26.01.2009	(72) LIN, Yanan	AND APPARATUS THEREFOR
(54) Wireless communication device for providing	SUO, Shiqiang	(73) LG Electronics Inc.
at least one near field communication service	DING, Yu	(72) LEE, Daewon
(73) Google Technology Holdings LLC	XIAO, Guojun	SEO, Hanbyul
(72) Buhot, Thomas	(31) 200810113008	(31) 201161475638 P
Badvel, Jayabharath Reddy B	(32) 27.05.2008	(32) 14.04.2011
Deo, Sandeep	(33) China	(33) United States of America
(51) H04B 7/00	(51) H04B 7/04	(51) H04B 7/04

H04L 5/00	(11) EP2717491	(51) H04B 10/071
H04W 52/14	(21) EP11795073.3	G01M 11/00
H04W 52/32	(47) 23.01.2019	H04B 10/077
H04W 52/38	(87) CN2011074861	(11) EP2847896
(11) EP2846474	22.12.2011	(21) EP12876243.2
(21) EP14186201.1	(22) 30.05.2011	(47) 23.01.2019
(47) 30.01.2019	(54) METHOD AND DEVICE FOR DATA	(87) SE2012050481
(22) 03.08.2012	TRANSMISSION IN MULTIPLE	14.11.2013
(54) MULTIPLE INPUT MULTIPLE OUTPUT	ANTENNAS SYSTEM	(22) 07.05.2012
(MIMO) PILOT TRANSMISSION POWER	(73) Huawei Technologies Co., Ltd.	(54) MONITORING OF A PON
(73) Alcatel Lucent	(72) ZHANG, Shunqing	(73) Telefonaktiebolaget LM Ericsson (publ)
(72) Wong, Shin Horng	CHEN, Yan	(72) VALL-LLOSERA, Gemma
Baker, Matthew	LIU, Yalin	BOTTONI, Fabio
(51) H04B 7/0452	(51) H04B 7/24	HÖST, Stefan
H04B 7/04	H04Q 9/00	LINDQVIST, Neiva
H04B 7/08	H04W 92/18	URBAN, Patryk
H04L 5/00	(11) EP2652888	(51) H04B 10/112
H04W 52/24	(21) EP11849551.4	H04B 10/114
(11) EP3161973	(47) 23.01.2019	H04B 10/116
(21) EP15795052.8	(87) US2011064753	H04L 5/00
(47) 30.01.2019	21.06.2012	(11) EP3078130
(87) US2015036138	(22) 14.12.2011	(21) EP14815799.3
30.12.2015	(54) DIRECT CONNECTION WITH SIDE	(47) 30.01.2019
(22) 17.06.2015	CHANNEL CONTROL	(87) GB2014053587
(54) WIRELESS COMMUNICATION WITH	(73) Microsoft Technology Licensing, LLC	11.06.2015
SUPPRESSION OF INTER-CELL	(72) HASSAN, Amer, A.	(22) 02.12.2014
INTERFERENCE IN A LARGE-SCALE	REED, Danny, Allen	(54) SYSTEM AND METHOD FOR
ANTENNA SYSTEMS	DESAI, Mitesh, K.	COMMUNICATION BETWEEN
(73) Alcatel Lucent	ANDERS, Billy, R., Jr.	TRANSMITTERS AND RECEIVERS
(72) ASHIKHMEN, Alexei	(31) 967761	HAVING AN ANGULAR DEPENDENCE
MARZETTA, Thomas	(32) 14.12.2010	(73) The University Court Of The University of
(31) 201462017369 P	(33) United States of America	Edinburgh
201414331247	(51) H04B 7/26	(72) VIDEV, Stefan I.
(32) 26.06.2014	H04L 5/00	TSONEV, Dobroslav
15.07.2014	(11) EP2995020	HAAS, Harald
(33) United States of America	(21) EP14721886.1	(31) 201321260
United States of America	(47) 30.01.2019	(32) 02.12.2013
(51) H04B 7/06	(87) EP2014059325	(33) United Kingdom
(11) EP2636162	13.11.2014	(51) H04B 10/116
(21) EP11781715.5	(22) 07.05.2014	(11) EP2297878
(47) 23.01.2019	(54) FLEXIBLE TDD UPLINK-DOWNLINK	(21) EP09762114.8
(87) US2011057912	CONFIGURATION WITH FLEXIBLE	(47) 23.01.2019
03.05.2012	SUBFRAMES	(87) IB2009052380
(22) 26.10.2011	(73) Panasonic Intellectual Property Corporation	17.12.2009
(54) CHANNEL STATE INFORMATION	of America	(22) 05.06.2009
FEEDBACK FRAME FORMAT AND	(72) GOLITSCHKE EDLER VON ELBWART,	(54) OPTICAL RECEIVER FOR AN
FEEDBACK RULES FOR VERY HIGH	Alexander	ILLUMINATION SYSTEM
THROUGHPUT WIRELESS SYSTEMS	SUZUKI, Hidetoshi	(73) Philips Lighting Holding B.V.
(73) Qualcomm Incorporated	(31) 13002457	(72) DAMINK, Paulus, H., A.
(72) SAMPATH, Hemanth	(32) 08.05.2013	(31) 08158001
VAN NEE, Didier Johannes Richard	(33) European Patent Office (EPO)	(32) 11.06.2008
VERMANI, Sameer	(51) H04B 10/038	(33) European Patent Office (EPO)
VAN ZELST, Albert	H04B 10/079	(51) H04B 10/60
JONES, Vincent Knowles, IV,	H04B 10/296	H04B 10/61
(31) 201113280776	H04B 10/50	H04L 27/22
407886 P	(11) EP3275097	(11) EP2429108
407817 P	(21) EP15713859.5	(21) EP10772104.5
406977 P	(47) 30.01.2019	(47) 23.01.2019
(32) 25.10.2011	(87) EP2015056650	(87) JP2010002856
28.10.2010	29.09.2016	11.11.2010
28.10.2010	(22) 26.03.2015	(22) 21.04.2010
26.10.2010	(54) WDM COMB SOURCE BASED OPTICAL	(54) COHERENT RECEIVER
(33) United States of America	LINK WITH IMPROVED OPTICAL	(73) NEC Corporation
United States of America	AMPLIFICATION	(72) YASUDA, Wakako
United States of America	(73) RWTH Aachen	OGASAHARA, Daisaku
United States of America	(72) WITZENS, Jeremy	FUKUCHI, Kiyoshi
(51) H04B 7/06	MERGET, Florian	(31) 2009112708
H04W 52/42	MUELLER, Juliana	(32) 07.05.2009

(33) Japan	(11) EP3110050	(22) 29.09.2011
(51) H04B 10/90	(21) EP16172342.4	(54) Timestamp predictor for packets over a synchronous protocol
G02F 1/35	(47) 23.01.2019	(73) Microsemi Solutions SDN. BHD.
G02F 2/00	(22) 31.05.2016	(72) Swartzentruber, Ron
(11) EP3235149	(54) INTERFERENCE ESTIMATION	Rao, Ganesh
(21) EP15808571.2	(73) Intel IP Corporation	(31) 895467
(47) 30.01.2019	(72) VISHWANATHAN, Narayan	(32) 30.09.2010
(87) EP2015079354	(31) 201514750872	(33) United States of America
23.06.2016	(32) 25.06.2015	
(22) 11.12.2015	(33) United States of America	
(54) OPTOELECTRONIC COMPONENT FOR GENERATING AND RADIATING A HYPERFREQUENCY SIGNAL	(51) H04H 60/40	(51) H04J 11/00
(73) Thales	H04N 21/242	H04B 1/7097
Alcatel Lucent	H04N 21/2362	H04L 1/00
(72) VAN DIJK, Frédéric	H04N 21/434	H04W 72/08
(31) 1402880	H04J 3/06	(11) EP2567480
(32) 17.12.2014	(11) EP3223526	(21) EP11721861.0
(33) France	(21) EP15861952.8	(47) 30.01.2019
(51) H04B 17/00	(47) 30.01.2019	(87) US2011035022
H04L 1/00	(87) JP2015005601	10.11.2011
H04W 24/10	26.05.2016	(22) 03.05.2011
H04W 28/18	(22) 10.11.2015	(54) METHOD AND APPARATUS FOR COMMUNICATION WITH HIGH INTERFERENCES
H04W 48/16	(54) TRANSMISSION METHOD, RECEPTION METHOD, TRANSMISSION DEVICE, AND RECEPTION DEVICE	(73) Qualcomm Incorporated
H04B 7/06	(73) Panasonic Intellectual Property Corporation of America	(72) GAAL, Peter
H04W 72/04	(72) IGUCHI, Noritaka	MONTOJO, Juan
H04W 72/08	TOMA, Tadamasu	CHEN, Wanshi
H04W 72/12	(31) 201462082223 P	DAMNJANOVIC, Aleksandar
H04L 5/00	201462089005 P	(31) 201113099184
(11) EP2692076	201562117610 P	330847 P
(21) EP11711565.9	2015212359	(32) 02.05.2011
(47) 23.01.2019	2015212363	03.05.2010
(87) EP2011055015	2015212367	(33) United States of America
04.10.2012	(32) 20.11.2014	United States of America
(22) 31.03.2011	08.12.2014	
(54) METHOD AND NETWORK NODE FOR DETERMINING CHANNEL STATE INFORMATION IN AN UPCOMING TIME SLOT	18.02.2015	
(73) Telefonaktiebolaget LM Ericsson (publ)	28.10.2015	
(72) ASPLUND, Henrik	28.10.2015	
ASTELY, David	(33) United States of America	(51) H04J 11/00
FRÖBERG OLSSON, Jonas	United States of America	H04L 27/01
LARSSON, Kjell	United States of America	H04L 25/02
(51) H04B 17/318	Japan	H04L 27/26
H04B 17/23	Japan	(11) EP2884682
(11) EP3278605	(51) H04J 3/06	(21) EP13827331.3
(21) EP16711463.6	H03L 7/087	(47) 30.01.2019
(47) 30.01.2019	H03L 7/14	(87) JP2013003518
(87) US2016021476	(11) EP2209239	13.02.2014
06.10.2016	(21) EP09180954.1	(22) 05.06.2013
(22) 09.03.2016	(47) 30.01.2019	(54) RECEIVER, METHOD FOR ESTIMATING FREQUENCY RESPONSE OF TRANSMISSION PATH BY RECEIVER
(54) METHOD AND APPARATUS FOR ENHANCED CELL ACQUISITION FOR ENHANCED MACHINE TYPE COMMUNICATIONS	(22) 30.12.2009	(73) Mitsubishi Electric Corporation
(73) Qualcomm Incorporated	(54) Method and arrangement for adjustment of a clock signal	(72) HIGASHINAKA, Masatsugu
(72) RICO ALVARINO, Alberto	(73) Coriant Oy	(31) 2012175539
CHEN, Wanshi	(72) Laamanen, Heikki	(32) 08.08.2012
XU, Hao	Hurme, Markus	(33) Japan
FAKOORIAN, Seyed Ali Akbar	Hann, Kenneth	
(31) 201562142935 P	Lunquist, Jonas	(51) H04J 11/00
201615063791	(31) 20095039	H04W 48/16
(32) 03.04.2015	(32) 16.01.2009	H04B 7/08
08.03.2016	(33) Finland	(11) EP3251236
(33) United States of America	(51) H04J 3/06	(21) EP16702095.7
United States of America	H04L 12/26	(47) 23.01.2019
(51) H04B 17/345	(11) EP2437416	(87) EP2016051878
	(21) EP11183242.4	04.08.2016
	(47) 23.01.2019	(22) 29.01.2016
		(54) INTERFERENCE REJECTION FOR IMPROVED CELL DETECTION
		(73) Telefonaktiebolaget LM Ericsson (publ)
		(72) AXMON, Joakim
		ALRIKSSON, Peter
		PALENIUS, Torgny
		(31) 201562110166 P
		201514694604

(32) 30.01.2015	(31) 2012244828	(47) 30.01.2019
23.04.2015	(32) 06.11.2012	(87) US2014068257
(33) United States of America	(33) Japan	18.06.2015
United States of America	(51) H04J 14/02	(22) 03.12.2014
(51) H04J 13/10	(11) EP3035572	(54) CODED MODULATION FOR SMALL
(11) EP2453599	(21) EP14290405.1	STEP-SIZE VARIABLE SPECTRAL
(21) EP10807922.9	(47) 30.01.2019	EFFICIENCY
(47) 30.01.2019	(22) 16.12.2014	(73) Tyco Electronics Subsea Communications
(87) CN2010073970	(54) METHOD AND SYSTEM FOR	LLC
17.02.2011	PROVIDING CHANNEL PROTECTION IN	(72) BATSHON, Hussam G.
(22) 13.06.2010	OPTICAL NETWORKS	ZHANG, Hongbin
(54) METHOD AND DEVICE FOR	(73) Alcatel Lucent	PILIPETSKII, Alexei N.
GENERATING SCRAMBLING CODE	(72) Buchali, Fred	(31) 201314102990
(73) ZTE Corporation	Gebhard, Ulrich	(32) 11.12.2013
(72) ZOU, Fei	(51) H04J 14/02	(33) United States of America
FENG, Liguu	(11) EP2995024	(51) H04J 14/06
(31) 200910165649	(21) EP14733295.1	H04B 10/50
(32) 12.08.2009	(47) 30.01.2019	(11) EP2280498
(33) China	(87) IB2014000805	(21) EP10169820.7
(51) H04J 13/18	13.11.2014	(47) 23.01.2019
H04L 1/18	(22) 22.04.2014	(22) 16.07.2010
H04W 72/04	(54) METHOD AND APPARATUS FOR	(54) Optical signal transmitter and method for
(11) EP3188560	RECONFIGURING WAVELENGTH OF	controlling polarization multiplexed optical
(21) EP15836532.0	OPTICAL NETWORK UNIT	signal
(47) 23.01.2019	(73) Alcatel Lucent	(73) Fujitsu Limited
(87) JP2015003360	(72) WEN, Haibo	(72) Akiyama, Yuichi
03.03.2016	(31) 201310163869	Mizuguchi, Noriaki
(22) 03.07.2015	(32) 06.05.2013	(31) 2009175212
(54) TERMINAL, BASE STATION,	(33) China	(32) 28.07.2009
TRANSMISSION METHOD, AND	(51) H04J 14/02	(33) Japan
RECEPTION METHOD	H04B 10/272	(51) H04J 14/06
(73) Panasonic Intellectual Property Corporation	(11) EP2572461	H04B 10/532
of America	(21) EP11719572.7	H04B 10/54
(72) YAMAMOTO, Tetsuya	(47) 30.01.2019	H04B 10/556
NAKAO, Seigo	(87) EP2011057852	H04B 10/61
HOSHINO, Masayuki	24.11.2011	(11) EP3195506
(31) 2014172540	(22) 16.05.2011	(21) EP15784769.0
(32) 27.08.2014	(54) OPTICAL NETWORK UNIT, METHOD	(47) 23.01.2019
(33) Japan	FOR PROCESSING DATA IN	(87) IB2015057215
(51) H04J 14/02	AN OPTICAL NETWORK AND	24.03.2016
(11) EP2904725	COMMUNICATION SYSTEM	(22) 18.09.2015
(21) EP13779490.5	(73) Xieon Networks S.à r.l.	(54) OPTICAL TRANSMITTERS AND
(47) 23.01.2019	(72) GOTTWALD, Erich	RECEIVERS USING POLARIZATION
(87) US2013063655	ROHDE, Harald	MULTIPLEXING
17.04.2014	(31) 10163298	(73) Telefonaktiebolaget LM Ericsson (publ)
(22) 07.10.2013	(32) 19.05.2010	(72) MORSY-OSMAN, Mohamed
(54) TRANSPORT FUNCTIONS	(33) European Patent Office (EPO)	CHAGNON, Mathieu
VIRTUALIZATION FOR WAVELENGTH	(51) H04J 14/02	PLANT, David V.
DIVISION MULTIPLEXING (WDM)-	H04B 10/291	(31) 201462052930 P
BASED OPTICAL NETWORKS	H04B 10/293	201562136964 P
(73) Huawei Technologies Co., Ltd.	(11) EP2372934	(32) 19.09.2014
(72) WEI, Wei	(21) EP10003683.9	23.03.2015
LI, Congqi	(47) 23.01.2019	(33) United States of America
LAN, Lei	(22) 03.04.2010	United States of America
(31) 201261711011 P	(54) Optical network element and optical	(51) H04K 1/00
(32) 08.10.2012	transmission system	H04L 9/32
(33) United States of America	(73) ADVA Optical Networking SE	H04L 29/06
(51) H04J 14/02	(72) Grobe, Klaus, Dr.	H04W 12/06
(11) EP2728778	Färbert, Andreas	(11) EP2137855
(21) EP13189268.9	(51) H04J 14/02	(21) EP08717732.5
(47) 23.01.2019	H04B 10/516	(47) 23.01.2019
(22) 18.10.2013	H04B 10/54	(87) EP2008052988
(54) Transmission device and transmission	H04L 27/34	18.09.2008
method	H04L 27/36	(22) 13.03.2008
(73) FUJITSU LIMITED	H04L 5/00	(54) TELECOMMUNICATION METHOD
(72) Kaneoka, Tomohiro	(11) EP3080936	WITH SUBSCRIBER AUTHENTICATION
Shukunami, Norifumi	(21) EP14816048.4	(73) Bundesdruckerei GmbH
Oi, Hiroki		(72) BYSZIO, Frank

DRESSEL, Olaf FIEDLER, Robert (31) 102007012953 (32) 14.03.2007 (33) Germany	(54) SYSTEM AND METHOD FOR PROVIDING DATA SERVICES ON VEHICLES (73) Dejero Labs Inc. (72) OBERHOLZER, Jonathon FRUSINA, Bogdan SZE, David SCHNEIDER, Anthony Todd HORVATH, Akos KAYE, Hagen SMITH, Cameron Kenneth GILHULY, Barry MALLET, Joseph Robert Wayne FLATT, Robert	(87) IB2009051028 17.09.2009 (22) 12.03.2009 (54) ROBUST CODING IN MULTI-HOP NETWORKS (73) Koninklijke Philips N.V. Philips Lighting Holding B.V. (72) ARGYRIOU, Antonios (31) 08152731 (32) 14.03.2008 (33) European Patent Office (EPO)
(51) H04L 1/00 (11) EP1971066 (21) EP08004790.5 (47) 23.01.2019 (22) 14.03.2008 (54) Method and apparatus for configuring a transport block size in a wireless communications system (73) Innovative Sonic Limited (72) Tseng, Li-Chih (31) 894695 P (32) 14.03.2007 (33) United States of America	(31) 201514680476 (32) 07.04.2015 (33) United States of America	(51) H04L 1/00 H04L 5/00 (11) EP2765797 (21) EP11873637.0 (47) 23.01.2019 (87) JP2011072785 11.04.2013 (22) 03.10.2011 (54) RADIO COMMUNICATION SYSTEM, BASE STATION AND MOBILE STATION FOR SIGNAL RECEPTION QUALITY MEASUREMENT (73) Fujitsu Connected Technologies Limited (72) ITO, Akira
(51) H04L 1/00 (11) EP3080937 (21) EP14819208.1 (47) 30.01.2019 (87) US2014068540 18.06.2015 (22) 04.12.2014 (54) SYSTEM AND METHOD FOR CYCLE SLIP CORRECTION (73) Tyco Electronics Subsea Communications LLC (72) ZHANG, Hongbin BATSHON, Hussam G. (31) 201314103705 (32) 11.12.2013 (33) United States of America	(51) H04L 1/00 H04B 1/16 H04W 52/02 H04L 1/18 (11) EP2416515 (21) EP11187932.6 (47) 23.01.2019 (22) 27.02.2009 (54) Forward error correction decoding avoidance based on predicted code block reliability (73) BlackBerry Limited (72) Duggan, Jason Robert Earnshaw, Andrew Mark Creasy, Timothy James	(51) H04L 1/16 (11) EP2394384 (21) EP09779008.3 (47) 30.01.2019 (87) EP2009051187 12.08.2010 (22) 03.02.2009 (54) APPARATUS AND METHOD OF ACK/NAK BUNDLING (73) Nokia Solutions and Networks Oy (72) TIROLA, Esa CHE, Xiang, Guang CHEN, Peng FREDERIKSEN, Frank KOLDING, Troels
(51) H04L 1/00 (11) EP3226452 (21) EP14909310.6 (47) 30.01.2019 (87) CN2014095310 07.07.2016 (22) 29.12.2014 (54) METHOD, DEVICE, TERMINAL DEVICE AND SYSTEM FOR ADJUSTING WORKING STATE OF AGGREGATED LINK (73) Huawei Technologies Co., Ltd. (72) MENG, Yu	(51) H04L 1/00 H04L 1/18 (11) EP3272044 (21) EP16711762.1 (47) 23.01.2019 (87) US2016022369 22.09.2016 (22) 14.03.2016 (54) CODE BLOCK LEVEL ERROR CORRECTION AND MEDIA ACCESS CONTROL (MAC) LEVEL HYBRID AUTOMATIC REPEAT REQUESTS TO MITIGATE BURSTY PUNCTURING AND INTERFERENCE IN A MULTI-LAYER PROTOCOL WIRELESS SYSTEM (73) Qualcomm Incorporated (72) MUKKAVILLI, Krishna Kiran JIANG, Jing BHUSHAN, Naga SORIAGA, Joseph Binamira JI, Tingfang AZARIAN YAZDI, Kambiz ABRAHAM, Santosh Paul SMEE, John Edward	(51) H04L 1/16 H04L 5/00 H04L 1/18 H04L 1/00 (11) EP2058969 (21) EP08019628.0 (47) 23.01.2019 (22) 10.11.2008 (54) Apparatus and method for ACK channel transmission in wireless relay communication system (73) Samsung Electronics Co., Ltd. (72) Chang, Young-Bin Taori, Rakesh Son, Jung-Je (31) 20070113766 (32) 08.11.2007 (33) Korea (Republic)
(51) H04L 1/00 (11) EP3314794 (21) EP15739354.7 (47) 30.01.2019 (87) SE2015050752 29.12.2016 (22) 26.06.2015 (54) METHOD AND BASE STATION FOR SELECTING A TRANSPORT FORMAT (73) Telefonaktiebolaget LM Ericsson (publ) (72) WANG, Liping SUN, Ying YANG, Jinghong	(31) 201562133395 P 201615067914 (32) 15.03.2015 11.03.2016 (33) United States of America United States of America	(51) H04L 1/16 H04L 5/00 H04L 27/26 (11) EP2661006 (21) EP11854502.9 (47) 30.01.2019 (87) KR2011010312 05.07.2012 (22) 29.12.2011
(51) H04L 1/00 (11) EP3079293 (21) EP16164092.5 (47) 30.01.2019 (22) 06.04.2016	(51) H04L 1/00 H04L 1/18 H04W 76/40 H04L 12/18 (11) EP2274934 (21) EP09720855.7 (47) 23.01.2019	

(54) METHOD AND DEVICE FOR ACK/ NACK TRANSMISSION IN TDD-BASED WIRELESS COMMUNICATION SYSTEM	(73) Sun Patent Trust (72) WENGERTER, Christian LÖHR, Joachim	(32) 02.10.2006 05.01.2007 18.06.2007 (33) United States of America Korea (Republic) United States of America
(73) LG Electronics Inc. (72) YANG, Suck Chel AHN, Joon Kui SEO, Dong Youn KIM, Min Gyu	(51) H04L 1/18 H04L 1/16 (11) EP3033848 (21) EP14758029.4 (47) 30.01.2019 (87) US2014050700 19.02.2015 (22) 12.08.2014	(33) United States of America Korea (Republic) United States of America (51) H04L 1/24 H04L 1/16 H04W 88/08 (11) EP2587707 (21) EP11797601.9 (47) 23.01.2019 (87) CN2011075976 29.12.2011
(31) 201161429175 P 201161481713 P (32) 02.01.2011 02.05.2011 (33) United States of America United States of America	(54) HARQ DESIGN FOR LTE IN UNLICENSED SPECTRUM UTILIZING INDIVIDUAL ACK/NACK (73) Qualcomm Incorporated (72) DAMNJANOVIC, Aleksandar BHUSHAN, Naga CHEN, Wanshi MALLADI, Durga Prasad WEI, Yongbin LUO, Tao JI, Tingfang GAAL, Peter (31) 201361865507 P 201414456866 (32) 13.08.2013 11.08.2014 (33) United States of America United States of America	(22) 20.06.2011 (54) METHOD AND BASE STATION FOR CORRECTING CHANNEL QUALITY INDICATOR (CQI) (73) ZTE Corporation (72) LI, Ruifeng CHENG, Yichao PENG, Zhibiao (31) 201010212093 (32) 23.06.2010 (33) China (51) H04L 5/00 (11) EP3269073 (21) EP16710817.4 (47) 30.01.2019 (87) IB2016051310 15.09.2016 (22) 08.03.2016 (54) DMRS WITH SHORTENED SCHEDULING (73) Telefonaktiebolaget LM Ericsson (PUBL) (72) ANDGART, Niklas MÄÄTTANEN, Helka-Liina (31) 201562130214 P 201615062335 (32) 09.03.2015 07.03.2016 (33) United States of America United States of America
(51) H04L 1/18 (11) EP1672826 (21) EP05111641.6 (47) 23.01.2019 (22) 02.12.2005 (54) Retry strategies for use in a streaming environment (73) Microsoft Technology Licensing, LLC (72) Clifford, David C. Green, Dustin L. Smith, Geoffrey R. Mohr, Grant D. Dodd, Michael D. Barrett, Peter T. (31) 12891 (32) 15.12.2004 (33) United States of America	(51) H04L 1/18 H04L 1/16 H04L 1/00 (11) EP3252979 (21) EP16305653.4 (47) 30.01.2019 (22) 03.06.2016 (54) REQUESTING RETRANSMISSION OF DATA IN A MULTICAST NETWORK (73) Mitsubishi Electric Corporation (72) ROLLET, Romain (51) H04L 1/18 H04L 27/26 H04L 1/16 H04L 1/12 H04W 72/04 H04W 72/12 H04W 72/14 (11) EP3223448 (21) EP17159946.7 (47) 30.01.2019 (22) 02.10.2007 (54) METHOD FOR RETRANSMITTING DATA IN THE MULTI-CARRIER SYSTEM AND FOR DETECTING NACK- TO-ACK ERRORS (73) LG Electronics Inc. (72) LEE, Dae Won KIM, Hak Seong KIM, Ki Jun YOON, Suk Hyon AHN, Joon Kui YUN, Young Woo KIM, Eun Sun (31) 827858 P 20070001215 944791 P	(22) 29.12.2011 (22) 20.06.2011 (54) METHOD AND BASE STATION FOR CORRECTING CHANNEL QUALITY INDICATOR (CQI) (73) ZTE Corporation (72) LI, Ruifeng CHENG, Yichao PENG, Zhibiao (31) 201010212093 (32) 23.06.2010 (33) China (51) H04L 5/00 (11) EP3269073 (21) EP16710817.4 (47) 30.01.2019 (87) IB2016051310 15.09.2016 (22) 08.03.2016 (54) DMRS WITH SHORTENED SCHEDULING (73) Telefonaktiebolaget LM Ericsson (PUBL) (72) ANDGART, Niklas MÄÄTTANEN, Helka-Liina (31) 201562130214 P 201615062335 (32) 09.03.2015 07.03.2016 (33) United States of America United States of America (51) H04L 5/00 H04L 1/00 H04B 17/309 (11) EP2996378 (21) EP13887171.0 (47) 30.01.2019 (87) CN2013077477 24.12.2014 (22) 19.06.2013 (54) COMMUNICATION QUALITY MEASUREMENT METHOD (73) Huawei Technologies Co., Ltd. (72) WANG, Jianguo LIU, Jianguo ZHOU, Yongxing (51) H04L 5/00 H04L 5/14 H04W 72/04 H04L 25/03 (11) EP2695312 (21) EP11861936.0 (47) 30.01.2019 (87) US2011067665 04.10.2012 (22) 28.12.2011
(51) H04L 1/18 (11) EP2154807 (21) EP09009887.2 (47) 30.01.2019 (22) 30.07.2009 (54) DSL retransmission method and device thereof (73) Lantiq Beteiligungs-GmbH & Co. KG (72) Heise, Bernd (31) 88021 P 500592 (32) 12.08.2008 09.07.2009 (33) United States of America United States of America	(51) H04L 1/18 H04L 1/16 H04L 1/00 (11) EP3252979 (21) EP16305653.4 (47) 30.01.2019 (22) 03.06.2016 (54) REQUESTING RETRANSMISSION OF DATA IN A MULTICAST NETWORK (73) Mitsubishi Electric Corporation (72) ROLLET, Romain (51) H04L 1/18 H04L 27/26 H04L 1/16 H04L 1/12 H04W 72/04 H04W 72/12 H04W 72/14 (11) EP3223448 (21) EP17159946.7 (47) 30.01.2019 (22) 02.10.2007 (54) METHOD FOR RETRANSMITTING DATA IN THE MULTI-CARRIER SYSTEM AND FOR DETECTING NACK- TO-ACK ERRORS (73) LG Electronics Inc. (72) LEE, Dae Won KIM, Hak Seong KIM, Ki Jun YOON, Suk Hyon AHN, Joon Kui YUN, Young Woo KIM, Eun Sun (31) 827858 P 20070001215 944791 P	(22) 08.03.2016 (54) DMRS WITH SHORTENED SCHEDULING (73) Telefonaktiebolaget LM Ericsson (PUBL) (72) ANDGART, Niklas MÄÄTTANEN, Helka-Liina (31) 201562130214 P 201615062335 (32) 09.03.2015 07.03.2016 (33) United States of America United States of America (51) H04L 5/00 H04L 1/00 H04B 17/309 (11) EP2996378 (21) EP13887171.0 (47) 30.01.2019 (87) CN2013077477 24.12.2014 (22) 19.06.2013 (54) COMMUNICATION QUALITY MEASUREMENT METHOD (73) Huawei Technologies Co., Ltd. (72) WANG, Jianguo LIU, Jianguo ZHOU, Yongxing (51) H04L 5/00 H04L 5/14 H04W 72/04 H04L 25/03 (11) EP2695312 (21) EP11861936.0 (47) 30.01.2019 (87) US2011067665 04.10.2012 (22) 28.12.2011
(51) H04L 1/18 (11) EP2995029 (21) EP14738647.8 (47) 30.01.2019 (87) JP2014062414 13.11.2014 (22) 30.04.2014 (54) COMMUNICATION SYSTEM (73) NEC Corporation (72) AWAD, Yassin Aden (31) 201308424 (32) 10.05.2013 (33) United Kingdom	(51) H04L 1/18 H04L 1/00 (11) EP3073664 (21) EP16167758.8 (47) 23.01.2019 (22) 24.02.2006 (54) RESOURCE BLOCK CANDIDATE SELECTION TECHNIQUE EMPLOYING	(22) 09.07.2009 (33) United States of America United States of America (51) H04L 1/18 H04L 1/00 (11) EP2995029 (21) EP14738647.8 (47) 30.01.2019 (87) JP2014062414 13.11.2014 (22) 30.04.2014 (54) COMMUNICATION SYSTEM (73) NEC Corporation (72) AWAD, Yassin Aden (31) 201308424 (32) 10.05.2013 (33) United Kingdom (51) H04L 1/18 H04L 1/00 (11) EP3073664 (21) EP16167758.8 (47) 23.01.2019 (22) 24.02.2006 (54) RESOURCE BLOCK CANDIDATE SELECTION TECHNIQUE EMPLOYING

(54) FLEXIBLE ADJUSTMENT OF UPLINK AND DOWNLINK RATIO CONFIGURATION	(32) 23.06.2016 20.06.2017	(31) 102009022233 (32) 20.05.2009 (33) Germany
(73) Intel Corporation	(33) United States of America United States of America	
(72) WANG, Ping FWU, Jong-Kae NIU, Huaning	(51) H04L 5/00 H04W 72/04 H04W 4/00 H04W 72/12	(51) H04L 9/00 H04L 9/00 (11) EP1807965 (21) EP05795025.5 (47) 30.01.2019 (87) IB2005053468 04.05.2006 (22) 24.10.2005 (54) METHOD, SERVER AND COMPUTER READABLE MEDIUM FOR OBFUSCATING A CRYPTOGRAPHIC FUNCTION
(31) 201161471042 P	(11) EP3193553	(73) Irdeto B.V.
(32) 01.04.2011	(21) EP15879639.1	(72) GORISSEN, Paul ESSER, Norbert, C. MALLON, Willem TRESCHER, Joachim, A.
(33) United States of America	(47) 23.01.2019	(31) 04105373 (32) 28.10.2004 (33) European Patent Office (EPO)
(51) H04L 5/00 H04L 27/26	(87) CN2015087069 04.08.2016	
(11) EP2745483	(22) 14.08.2015	
(21) EP12770237.1	(54) SUB-BAND RESOURCE DETERMINING DEVICE AND METHOD	
(47) 23.01.2019	(73) Huawei Technologies Co., Ltd.	
(87) IB2012054148 21.02.2013	(31) PCT/CN2015/072036 (32) 30.01.2015 (33) World Intellectual Property Office (WIPO)	
(22) 14.08.2012	(51) H04L 9/00	
(54) FLEXIBLE TRANSMISSION OF MESSAGES IN A WIRELESS COMMUNICATION SYSTEM WITH MULTIPLE TRANSMIT ANTENNAS	(11) EP1719284	
(73) Telefonaktiebolaget LM Ericsson (publ)	(21) EP05723424.7	
(72) KOORAPATY, Havish BALDEMAIR, Robert CHENG, Jung-Fu FRENNE, Mattias LARSSON, Daniel	(47) 23.01.2019	
(31) 201161523641 P 201213430865	(87) US2005005482 09.09.2005	
(32) 15.08.2011 27.03.2012	(22) 23.02.2005	
(33) United States of America United States of America	(54) TOKEN PROVISIONING	
(51) H04L 5/00 H04L 27/26	(73) Symantec International	
(11) EP1001566	(72) POPP, Nicolas	
(21) EP99922578.2	(31) 782751	
(47) 30.01.2019	(32) 23.02.2004	
(87) JP1999002866 09.12.1999	(33) United States of America	
(22) 28.05.1999	(51) H04L 9/00 H04L 9/06 H04L 9/14	
(54) OFDMA SIGNAL TRANSMITTING APPARATUS AND METHOD	(11) EP3300293	
(73) INVT SPE LLC	(21) EP17192810.4	
(72) UESUGI, Mitsuru	(47) 23.01.2019	
(31) 15321498	(22) 25.09.2017	
(32) 02.06.1998	(54) METHOD FOR SYMMETRIC ENCRYPTION OR DECRYPTION BY BLOCKS	
(33) Japan	(73) Idemia Identity & Security France	
(51) H04L 5/00 H04W 28/02 H04W 40/12 H04W 48/16 H04W 72/08 H04W 76/15 H04W 88/10 H04W 72/12 H04W 28/18	(72) MAGHREBI, Housseem DABOSVILLE, Guillaume PROUFF, Emmanuel	
(11) EP3261282	(31) 1659059	
(21) EP17177597.6	(32) 27.09.2016	
(47) 23.01.2019	(33) France	
(22) 23.06.2017	(51) H04L 9/00 G06F 21/73	
(54) DEVICES FOR HANDLING DUAL CELLULAR SYSTEM AGGREGATION	(11) EP2433239	
(73) HTC Corporation	(21) EP10711558.6	
(72) WU, Chih-Hsiang	(47) 23.01.2019	
(31) 201662354090 P 201715628608	(87) EP2010001356 25.11.2010	
	(22) 04.03.2010	
	(54) UNIQUE IDENTIFIER, METHOD FOR PROVIDING SAID UNIQUE IDENTIFIER AND USE OF SAID UNIQUE IDENTIFIER	
	(73) Topf, Birgit Jentzsch, Rolf Feustel, Dietmar	
	(72) Jentzsch, Rolf Feustel, Dietmar Topf, Birgit	
		(51) H04L 9/08 H04L 29/06 H04W 12/04 H04L 9/32 (11) EP3104548 (21) EP15170940.9 (47) 30.01.2019 (22) 08.06.2015 (54) METHOD AND SYSTEM FOR FACILITATING SECURE COMMUNICATION
		(73) NXP B.V. (72) Geerlings, Jürgen Al-Kadi, Ghiath Polak, Piotr
		(51) H04L 9/30

H04L 9/08	(54) ELLIPTIC CURVE CRYPTOGRAPHY	(54) Accounting based on active packet time
H04L 29/06	WITH FRAGMENTED KEY PROCESSING	(73) Alcatel Lucent
H04L 12/02	AND METHODS FOR USE THEREWITH	(72) Ang, Soon Teck Gibson
G06F 21/62	(73) Morega Systems Inc.	Jiang, Min
G06F 21/60	(72) LIEBER, Zeev	Chen, Xian
H04L 29/08	SAREMI, Thomas, Jefferson	King, Ma
(11) EP2774077	(31) 201061426794 P	(31) 726427 P
(21) EP12846674.5	978488	477617
(47) 23.01.2019	(32) 23.12.2010	(32) 13.10.2005
(87) FI2012051036	24.12.2010	30.06.2006
10.05.2013	(33) United States of America	(33) United States of America
(22) 29.10.2012	United States of America	United States of America
(54) METHOD AND APPARATUS FOR	(51) H04L 9/32	(51) H04L 12/18
PROVIDING IDENTITY BASED	H04L 9/08	H04L 12/24
ENCRYPTION IN DISTRIBUTED	H04R 25/00	H04L 12/26
COMPUTATIONS	(11) EP3113407	H04W 4/08
(73) Nokia Technologies Oy	(21) EP15175139.3	H04L 29/08
(72) LUUKKALA, Vesa-Veikko	(47) 30.01.2019	(11) EP3241305
SOVIO, Sampo Juhani	(22) 02.07.2015	(21) EP16790962.1
KAAJA, Jari-Jukka Harald	(54) CLIENT DEVICE WITH CERTIFICATE	(47) 30.01.2019
BOLDYREV, Sergey	AND RELATED METHOD	(87) EP2016076275
(31) 201113285254	(73) GN Hearing A/S	03.08.2017
(32) 31.10.2011	(72) PEDERSEN, Brian Dam	(22) 01.11.2016
(33) United States of America	VENDELBO, Allan Munk	(54) SERVICE INTERRUPTION REPORTING
(51) H04L 9/32	(51) H04L 12/10	(73) Telefonaktiebolaget LM Ericsson (publ)
(11) EP1964307	H04L 12/40	(72) TRÄNK, Magnus
(21) EP06841969.6	G06F 1/26	ÅKESSON, Joakim
(47) 23.01.2019	(11) EP3266150	(51) H04L 12/24
(87) FR2006002766	(21) EP16705527.6	(11) EP2654241
19.07.2007	(47) 23.01.2019	(21) EP11849784.1
(22) 14.12.2006	(87) EP2016053579	(47) 23.01.2019
(54) METHOD FOR CREATING A SECURE	15.09.2016	(87) CN2011082593
COUNTER ON AN ON-BOARD	(22) 19.02.2016	21.06.2012
COMPUTER SYSTEM COMPRISING A	(54) POWERED DEVICE IN POWER-OVER-	(22) 22.11.2011
CHIP CARD	ETHERNET NETWORK SYSTEM, AND	(54) METHOD AND SYSTEM FOR
(73) Trusted Logic Mobility SAS	METHODS THEREFORE	REALIZING LOOPBACK CONTROL
(72) FREY, Alexandre	(73) Philips Lighting Holding B.V.	THROUGH CONTROL PLANE
BOLIGNANO, Dominique	(72) YSEBOODT, Lennart	(73) ZTE Corporation
APVRILLE, Axelle	(31) 15158071	(72) ZHANG, Fei
(31) 0513241	(32) 06.03.2015	WU, Bo
(32) 23.12.2005	(33) European Patent Office (EPO)	XIAO, Min
(33) France	(51) H04L 12/10	(31) 201010594265
(51) H04L 9/32	H04L 12/40	(32) 17.12.2010
(11) EP3166252	H04L 12/12	(33) China
(21) EP16197434.0	G06F 1/26	(51) H04L 12/24
(47) 23.01.2019	G06F 1/30	(11) EP3262793
(22) 04.11.2016	H02J 9/06	(21) EP16708044.9
(54) METHOD FOR SECURE STORING OF	(11) EP3338402	(47) 23.01.2019
DATA, CORRESPONDING DEVICE AND	(21) EP16750778.9	(87) US2016018503
PROGRAM	(47) 23.01.2019	01.09.2016
(73) Ingenico Group	(87) EP2016068792	(22) 18.02.2016
(72) ROYER, Jessica	23.02.2017	(54) SYSTEM AND METHOD FOR
BELLAHCENE, Mohammed	(22) 05.08.2016	AUTOMATICALLY DETECTING AND
POMMARET, Jean-Christophe	(54) POWER PROVIDING DEVICE AND	CONFIGURING SERVER UPLINK
ROLIN, Christian	METHOD	NETWORK INTERFACE
MULLER, Laurent	(73) Philips Lighting Holding B.V.	(73) Cisco Technology, Inc.
(31) 1560682	(72) WENDT, Matthias	(72) XU, Milton Y.
(32) 06.11.2015	YSEBOODT, Lennart	KRISHNAN, Padmanabhan
(33) France	DE RUIJTER, Marcus, Johannes	(31) 201562121347 P
(51) H04L 9/32	BRILMAN, Joost, Jacob	201514660746
H04L 9/08	(31) 15181671	(32) 26.02.2015
G06F 21/72	(32) 20.08.2015	17.03.2015
(11) EP2656539	(33) European Patent Office (EPO)	(33) United States of America
(21) EP11857710.5	(51) H04L 12/14	United States of America
(47) 23.01.2019	(11) EP1775883	(51) H04L 12/24
(87) IB2011003366	(21) EP06020520.0	(11) EP3142295
09.08.2012	(47) 23.01.2019	(21) EP14892971.4
(22) 08.12.2011	(22) 29.09.2006	(47) 30.01.2019

(87) CN2014078637 03.12.2015	(22) 16.06.2014	09.12.2010
(22) 28.05.2014	(54) CONFIGURATION INFORMATION SENDING METHOD, SYSTEM AND APPARATUS	(33) United States of America United States of America United States of America
(54) METHOD, APPARATUS AND SYSTEM FOR VIRTUALIZING NETWORK MANAGEMENT SYSTEM	(73) ZTE Corporation	(51) H04L 12/24
(73) Huawei Technologies Co. Ltd.	(72) MENG, Wei	H04L 29/14
(72) ZHAO, Dong	ZONG, Zaifeng	H04L 29/08
(51) H04L 12/24	(31) 201310277643	H04L 29/06
(11) EP3352417	(32) 03.07.2013	H04L 12/26
(21) EP17174500.3	(33) China	(11) EP3142298
(47) 30.01.2019	(51) H04L 12/24	(21) EP16187339.3
(22) 06.06.2017	H04L 29/06	(47) 23.01.2019
(54) SYSTEM RECOVERY USING WOL	H04L 12/46	(22) 06.09.2016
(73) Quanta Computer Inc.	(11) EP2945322	(54) SECURITY INSPECTION TERMINAL, SECURITY INSPECTION NETWORK SYSTEM AND SECURITY INSPECTION DATA TRANSMISSION METHOD
(72) HUANG, Chih-Chia	(21) EP15167290.4	(73) Nuctech Company Limited
SU, Chin-Lung	(47) 30.01.2019	(72) TIAN, Long
YEN, Tsai-I	(22) 12.05.2015	WANG, Tao
(31) 201715410177	(54) NETWORK EXTENSION GROUPS	WU, Nannan
(32) 19.01.2017	(73) Brocade Communications Systems, Inc.	(31) 201510573816
(33) United States of America	(72) Addanki, Venkata R. K.	(32) 10.09.2015
(51) H04L 12/24	Raman, Mythilikanth	(33) China
H04L 12/26	Koganti, Phanidhar	(51) H04L 12/26
H04L 12/721	Yu, Shunjia	H04L 12/24
H04L 12/707	Vobbilisetty, Suresh	H04L 12/717
(11) EP3208971	(31) 201461992563 P	(11) EP3099016
(21) EP15850171.8	201514704660	(21) EP16170977.9
(47) 23.01.2019	(32) 13.05.2014	(47) 23.01.2019
(87) CN2015074120	05.05.2015	(22) 24.05.2016
21.04.2016	(33) United States of America United States of America	(54) MONITORING SERVICES KEY PERFORMANCE INDICATORS USING TWAMP FOR SDN AND NFV ARCHITECTURES
(22) 12.03.2015	(51) H04L 12/24	(73) Juniper Networks, Inc.
(54) METHOD, DEVICE AND SYSTEM FOR REDUCING CENTRALIZED PROTECTION SWITCHING TIME IN POTN SYSTEM	H04L 29/06	(72) GUPTA, Peyush
(73) ZTE Corporation	H04L 12/721	AGARWAL, Amit Kumar
(72) YIN, Chaoliang	(11) EP3091708	SARANGAPANI, Srivathsa
(31) 201410545422	(21) EP14880996.5	(31) 2616CH2015
(32) 15.10.2014	(47) 23.01.2019	201514755961
(33) China	(87) CN2014071609	(32) 25.05.2015
(51) H04L 12/24	06.08.2015	30.06.2015
H04L 12/743	(22) 28.01.2014	(33) India
H04L 12/751	(54) PROCESSING RULE MODIFICATION METHOD AND APPARATUS	United States of America
H04L 29/06	(73) Huawei Technologies Co., Ltd.	(51) H04L 12/26
H04L 29/12	(72) NI, Hui	H04L 12/707
H04L 12/741	(51) H04L 12/24	H04L 12/24
(11) EP3255834	H04L 29/08	(11) EP3223461
(21) EP15884956.2	G06F 21/60	(21) EP17166660.5
(47) 30.01.2019	G06Q 10/06	(47) 23.01.2019
(87) CN2015074207	(11) EP2510466	(22) 01.09.2010
22.09.2016	(21) EP10836786.3	(54) COMMUNICATING NETWORK PATH AND STATUS INFORMATION IN MULTI-HOMED NETWORKS
(22) 13.03.2015	(47) 23.01.2019	(73) Juniper Networks, Inc.
(54) METHOD OF COMMUNICATION BETWEEN NETWORK DEVICE AND TERMINAL DEVICE, NETWORK DEVICE AND TERMINAL DEVICE UTILIZING SAME	(87) US2010059971	(72) GUPTA, Manish
(73) Huawei Technologies Co., Ltd.	16.06.2011	SHUKLA, Pankaj
(72) LIU, Bing	(22) 10.12.2010	(31) 312105 P
BO, Yang	(54) DELEGATED AND RESTRICTED ASSET- BASED PERMISSIONS MANAGEMENT FOR CO-LOCATION FACILITIES	772771
JIANG, Sheng	(73) Equinix, Inc.	(32) 09.03.2010
(51) H04L 12/24	(72) DORAISWAMY, Vijaay	03.05.2010
H04L 29/06	JEYAPPAUL, Jaganathan	(33) United States of America United States of America
(11) EP3018861	WENG, Tsunyen	(51) H04L 12/26
(21) EP14820303.7	JANKEN, Nathan	H04L 12/707
(47) 30.01.2019	NAVARATNA, Mohan	H04L 12/703
(87) CN2014079982	LILLIE, Brian, James	(11) EP3229406
08.01.2015	(31) 285371 P	
	323066 P	
	964658	
	(32) 10.12.2009	
	12.04.2010	

(21) EP16175131.8	(54) REMOTE MANAGEMENT METHOD OF A DEVICE AND CORRESPONDING DEVICE	(72) JANKE, Peter
(47) 30.01.2019		(31) 102014100768
(22) 17.06.2016		102014115222
(54) PERFORMING A PROTOCOL, SUCH AS MICRO BIDIRECTIONAL FORWARDING DETECTION, ON MEMBER LINKS OF AN AGGREGATED LINK THAT USES AN ADDRESS OF THE AGGREGATED LINK	(73) InterDigital CE Patent Holdings	(32) 23.01.2014
(73) Juniper Networks, Inc.	(72) STRAUB, Gilles	20.10.2014
(72) THOMAS, Reji	BÜRKLIN, Helmut	(33) Germany
JAISSWAL, Punit Kumar	(31) 05290848	Germany
DN, Pranavadatta	(32) 15.04.2005	(51) H04L 12/40
GIRISH, Jithin	(33) European Patent Office (EPO)	H04L 12/66
(31) 201615091393	(51) H04L 12/28	H04L 12/413
(32) 05.04.2016	H04N 21/258	(11) EP3293922
(33) United States of America	G06Q 30/06	(21) EP16188568.6
(51) H04L 12/26	(11) EP1936910	(47) 30.01.2019
H04L 29/08	(21) EP06292053.3	(22) 13.09.2016
(11) EP2250766	(47) 23.01.2019	(54) INTELLIGENT DATA NODE FOR SATELLITES
(21) EP09762963.8	(22) 22.12.2006	(73) Space Products and Innovation UG
(47) 30.01.2019	(54) SYSTEM FOR MEDIA CONTENT DELIVERY TO A MEDIA DESTINATION DEVICE, A RELATED ASSOCIATION DEVICE AND A RELATED MULTIMEDIA DELIVERY DEVICE	(72) Qedar, Ran
(87) US2009036262	(73) Alcatel Lucent	Sridharan, Saish
17.12.2009	(72) Trappeniers, Lieven	Federico, Giulia
(22) 06.03.2009	Brackx, Michael Frederik François Albert	(51) H04L 12/40
(54) SYSTEMS AND METHODS FOR CONTENT INJECTION	Lou, Zhe	H04L 29/08
(73) Citrix Systems, Inc.	Van Broeck, Sigurd	(11) EP2615779
(72) RAGHU, Jagannath	Godon, Marc Bruno Frieda	(21) EP12195246.9
ANNAMALAISAMI, Saravana	Criel, Johan Georges Prosper	(47) 30.01.2019
RAJAN, Roy	(51) H04L 12/40	(22) 03.12.2012
(31) 34687 P	H04L 12/28	(54) In-vehicle communication system comprising gateway apparatus
(32) 07.03.2008	H04L 29/06	(73) DENSO CORPORATION
(33) United States of America	(11) EP3358788	(72) Nakamura, Shuuji
(51) H04L 12/28	(21) EP16850576.6	(31) 2012006411
(11) EP2670086	(47) 30.01.2019	(32) 16.01.2012
(21) EP13004205.4	(87) JP2016004008	(33) Japan
(47) 23.01.2019	06.04.2017	(51) H04L 12/413
(22) 21.08.2012	(22) 02.09.2016	(11) EP2489134
(54) Solutions for Upstream Channel Bonding	(54) ILLEGALITY DETECTION ELECTRONIC CONTROL UNIT, VEHICLE ONBOARD NETWORK SYSTEM, AND COMMUNICATION METHOD	(21) EP10766041.7
(73) Avago Technologies International Sales Pte. Limited	(73) Panasonic Intellectual Property Corporation of America	(47) 30.01.2019
(72) Pantelias, Niki	(72) AMANO, Hiroshi	(87) EP2010065399
Denney, Lisa	NAKANO, Toshihisa	21.04.2011
Boyd, Edward	MATSUZAKI, Natsume	(22) 14.10.2010
Alvarez, Andres	HAGA, Tomoyuki	(54) METHOD AND DEVICE FOR DETECTING THE PRESENCE OF A MODULATED SIGNAL ON A MEDIUM
Hollums, Scott	UJIE, Yoshihiro	(73) SAGEMCOM BROADBAND SAS
(31) 201161526504 P	KISHIKAWA, Takeshi	(72) DANGY-CAYE, Nicolas
201261583543 P	(31) 2015192327	(31) 0957260
201213589444	2016114879	(32) 16.10.2009
(32) 23.08.2011	(32) 29.09.2015	(33) France
05.01.2012	08.06.2016	(51) H04L 12/46
20.08.2012	(33) Japan	H04L 12/28
(33) United States of America	Japan	H04L 12/66
United States of America	(51) H04L 12/40	H04L 12/721
United States of America	H04L 12/28	H04L 12/703
(51) H04L 12/28	H04L 29/12	H04L 12/761
H04N 7/24	H04L 12/24	(11) EP3029888
H04N 21/438	(11) EP3097665	(21) EP14839614.6
H04N 21/44	(21) EP15709621.5	(47) 30.01.2019
H04N 21/6437	(47) 23.01.2019	(87) CN2014080287
H04N 21/6543	(87) EP2015051375	05.03.2015
(11) EP3054630	30.07.2015	(22) 19.06.2014
(21) EP16160986.2	(22) 23.01.2015	(54) METHOD AND DEVICE FOR IMPLEMENTING HIERARCHICAL VIRTUAL PRIVATE LAN SERVICE
(47) 23.01.2019	(54) BUS SYSTEM, AND METHOD FOR OPERATING A BUS SYSTEM	(73) Huawei Technologies Co., Ltd.
(22) 14.04.2006	(73) Firma Lingg & Janke OHG	(72) WANG, Wenting
		WANG, Haibo
		(31) 201310378421
		(32) 27.08.2013

(33) China	(54) LOCK SCREEN WITH SOCIALIZED APPLICATIONS	AND TELEPHONE EXCHANGING PROGRAM
(51) H04L 12/46	(73) Facebook, Inc.	(73) NEC Platforms, Ltd.
H04L 12/741	(72) ST. CLAIR, Luke	(72) NAGAI, Kazuki
(11) EP3261301	(31) 201313767724	(31) 2015195758
(21) EP17181928.7	(32) 14.02.2013	(32) 01.10.2015
(47) 30.01.2019	(33) United States of America	(33) Japan
(22) 10.06.2014	(51) H04L 12/58	(51) H04L 12/701
(54) SCALABLE AND SEGREGATED NETWORK VIRTUALIZATION	G06F 17/27	(11) EP3092752
(73) Brocade Communications Systems, Inc.	(11) EP2559208	(21) EP14805737.5
(72) ADDANKI, Venkata R. K.	(21) EP10849765.2	(47) 30.01.2019
MALLADI, Sadasivudu	(47) 23.01.2019	(87) US2014064830
CHONG, Chi L.	(87) IB2010051626	09.07.2015
GAVINI, Kiran K.	20.10.2011	(22) 10.11.2014
(31) 201361833376 P	(22) 14.04.2010	(54) MULTI-MASTER SELECTION IN A SOFTWARE DEFINED NETWORK
201414299206	(54) SYSTEMS, METHODS, AND APPARATUSES FOR FACILITATING DETERMINATION OF A MESSAGE RECIPIENT	(73) Google LLC
(32) 10.06.2013	(73) Nokia Technologies Oy	(72) GANDHAM, Shashidhar Rao
09.06.2014	(72) YAN, Zheng	CONTAVALLI, Carlo
(33) United States of America	(51) H04L 12/58	(31) 201414148423
United States of America	H04L 12/18	(32) 06.01.2014
(51) H04L 12/46	(11) EP2244430	(33) United States of America
H04L 29/08	(21) EP10159400.0	(51) H04L 12/701
H04L 29/06	(47) 23.01.2019	H04L 12/707
H04L 12/24	(22) 08.04.2010	H04L 12/721
H04L 12/709	(54) Mobile terminal and chat method in a mobile terminal using an instant messaging service	(11) EP2165465
(11) EP2999168	(73) LG Electronics Inc.	(21) EP08780747.5
(21) EP14813422.4	(72) Lim, Yong Suk	(47) 23.01.2019
(47) 30.01.2019	Shin, Hyun Ho	(87) US2008065737
(87) CN2014076008	Cho, Song Rae	24.12.2008
24.12.2014	(31) 20090034541	(22) 04.06.2008
(22) 23.04.2014	(32) 21.04.2009	(54) NETWORK INTERFACE SELECTION USING HISTORICAL CONNECTION INFORMATION
(54) COLLABORATION METHOD AND SYSTEM IN A DRNI, DISTRIBUTED RESILIENT NETWORK INTERCONNECT, SYSTEM	(33) Korea (Republic)	(73) Microsoft Technology Licensing, LLC
(73) ZTE Corporation	(51) H04L 12/58	(72) BANSAL, Deepak
(72) GUO, Zhui	H04W 12/02	GARG, Sumit
WEI, Yuehua	H04W 92/02	SRIDHARAN, Murari
AO, Ting	H04L 29/08	THALER, David
(31) 201310247572	(11) EP2454859	(31) 818888
(32) 20.06.2013	(21) EP11810984.2	(32) 15.06.2007
(33) China	(47) 30.01.2019	(33) United States of America
(51) H04L 12/58	(87) CA2011050547	(51) H04L 12/701
(11) EP2410703	05.04.2012	H04L 12/801
(21) EP11174527.9	(22) 12.09.2011	H04L 12/803
(47) 23.01.2019	(54) METHOD, APPARATUS AND SYSTEM FOR ACCESSING APPLICATIONS AND CONTENT ACROSS A PLURALITY OF COMPUTERS	H04W 8/12
(22) 19.07.2011	(73) BlackBerry Limited	H04W 80/04
(54) Method and device for displaying received messages	(72) BROWN, Michael Stephen	H04L 29/08
(73) Deutsche Telekom AG	LITTLE, Herbert Anthony	(11) EP2195976
(72) Schulz Sebastian	BENDER, Christopher Lyle	(21) EP08834194.6
(31) 102010031901	(31) 386635 P	(47) 23.01.2019
(32) 21.07.2010	201161205266 P	(87) US2008010994
(33) Germany	(32) 27.09.2010	02.04.2009
(51) H04L 12/58	08.08.2011	(22) 23.09.2008
G06F 9/445	(33) United States of America	(54) METHOD AND APPARATUS FOR PERFORMING LOAD BALANCING FOR A CONTROL PLANE OF A MOBILE COMMUNICATION NETWORK
G06F 3/0482	United States of America	(73) Alcatel-Lucent USA Inc.
G06F 17/30	(51) H04L 12/66	(72) NANDAGOPAL, Thyagarajan
H04L 29/06	(11) EP3301864	WOO, Thomas, Y.
G06F 3/0484	(21) EP17198936.1	(31) 863497
G06F 3/0481	(47) 30.01.2019	(32) 28.09.2007
(11) EP2956848	(22) 30.09.2016	(33) United States of America
(21) EP14751746.0	(54) TELEPHONE SYSTEM, EXCHANGE, TELEPHONE EXCHANGING METHOD,	(51) H04L 12/705
(47) 30.01.2019		H04L 12/707
(87) US2014015906		H04L 12/703
21.08.2014		H04L 12/751
(22) 12.02.2014		

H04L 12/721	201313835017	(54) COMMUNICATION PATH SELECTION FOR CONTENT DELIVERY
(11) EP3120508	201313843241	(73) Fastly Inc.
(21) EP15714948.5	201313843500	(72) BERGMAN, Artur
(47) 30.01.2019	201313840657	(31) 201461935640 P
(87) IB2015051967	201313841736	201414488832
24.09.2015	(32) 06.06.2012	(32) 04.02.2014
(22) 18.03.2015	06.06.2012	17.09.2014
(54) OPTIMIZED APPROACH TO IS-IS LFA COMPUTATION WITH PARALLEL LINKS	06.06.2012	(33) United States of America
(73) Telefonaktiebolaget LM Ericsson (publ)	25.10.2012	United States of America
(72) CHUNDURI, Uma S.	02.11.2012	<hr/>
PATIL, Vasant S.	02.11.2012	(51) H04L 12/741
LU, Wenhua	05.11.2012	H04L 12/715
TANTSURA, Evgeny	07.11.2012	(11) EP3214799
(31) 201414218540	07.11.2012	(21) EP16175937.8
(32) 18.03.2014	23.11.2012	(47) 23.01.2019
(33) United States of America	15.03.2013	(22) 23.06.2016
<hr/>	15.03.2013	(54) PROCESSING INTER-VLAN TRAFFIC IN AN ETHERNET TREE
(51) H04L 12/717	15.03.2013	(73) Juniper Networks, Inc.
H04L 12/70	15.03.2013	(72) SHARMA, Manoj
H04L 12/715	15.03.2013	LIN, Wen
H04L 29/12	15.03.2013	SINGH, Nitin
H04L 29/06	(33) United States of America	DRAKE, John E.
H04L 12/46	United States of America	(31) 201615058416
H04L 12/723	United States of America	(32) 02.03.2016
(11) EP3206346	United States of America	(33) United States of America
(21) EP15848507.8	United States of America	<hr/>
(47) 23.01.2019	United States of America	(51) H04L 12/751
(87) JP2015077766	United States of America	(11) EP3254419
14.04.2016	United States of America	(21) EP16754771.0
(22) 30.09.2015	United States of America	(47) 30.01.2019
(54) DOMAIN CONTROL METHOD AND DOMAIN CONTROL DEVICE	United States of America	(87) CN2016074559
(73) NTT DOCOMO, INC.	United States of America	01.09.2016
(72) KATAYAMA Youhei	United States of America	(22) 25.02.2016
TAMURA Motoshi	United States of America	(54) INTERMEDIATE-SYSTEM-TO-INTERMEDIATE-SYSTEM TOPOLOGY-TRANSPARENT-ZONE
KHAN Ashiq	United States of America	(73) Huawei Technologies Co., Ltd.
SHIMOJOU Takuya	United States of America	(72) CHEN, Huaimo
(31) 2014205995	United States of America	LI, Renwei
(32) 06.10.2014	(51) H04L 12/721	(31) 201562120793 P
(33) Japan	H04L 12/751	201615041770
<hr/>	H04L 12/761	(32) 25.02.2015
(51) H04L 12/721	H04L 12/703	11.02.2016
H04L 12/717	(11) EP3338416	(33) United States of America
H04L 12/761	(21) EP16816127.1	United States of America
H04L 12/753	(47) 30.01.2019	<hr/>
(11) EP3232619	(87) US2016065080	(51) H04L 12/751
(21) EP17169558.8	03.05.2018	H04L 12/715
(47) 30.01.2019	(22) 06.12.2016	H04L 12/721
(22) 05.06.2013	(54) REDUCING FLOODING OF LINK STATE CHANGES IN NETWORKS	(11) EP2869512
(54) PHYSICAL PATH DETERMINATION FOR VIRTUAL NETWORK PACKET FLOWS	(73) Microsoft Technology Licensing, LLC	(21) EP14186986.7
(73) Juniper Networks, Inc.	(72) WHITE, Russell I.	(47) 30.01.2019
(72) GHOSE, Tirthankar	ZANDI, Shafagh	(22) 30.09.2014
NAKIL, Harshad Bhaskar	KAHN, Zaid A.	(54) DYNAMIC AREA FILTERING FOR LINK-STATE ROUTING PROTOCOLS
RAMESH, Nd	(31) 201615332295	(73) Juniper Networks, Inc.
(31) 201261656468 P	(32) 24.10.2016	(72) Torvi, Raveendra
201261656469 P	(33) United States of America	(31) 201314042724
201261656471 P	<hr/>	(32) 01.10.2013
201261718633 P	(51) H04L 12/727	(33) United States of America
201261721979 P	H04L 12/26	<hr/>
201261721994 P	H04L 29/12	(51) H04L 12/751
201261722696 P	H04L 12/721	H04L 12/721
201261723684 P	(11) EP3103229	H04L 12/703
201261723685 P	(21) EP15746642.6	H04L 12/761
201261729474 P	(47) 30.01.2019	H04L 12/707
201313840902	(87) US2015014038	(11) EP2756640
201313843365	13.08.2015	(21) EP12766255.9
	(22) 02.02.2015	(47) 23.01.2019
		(87) US2012054766

21.03.2013	(51) H04L 12/931	(22) 24.10.2008
(22) 12.09.2012	H04L 12/933	(54) SELECTION OF EQUALIZER
(54) DYNAMIC KEEPALIVE PARAMETERS FOR REVERSE PATH VALIDATION IN COMPUTER NETWORKS	H04L 12/24	PARAMETER IN A RADIO RECEIVER
(73) Cisco Technology, Inc.	H04L 12/28	(73) NVIDIA Technology UK Limited
(72) VASSEUR, Jean-Philippe	H04L 12/70	(72) LUSCHI, Carlo
HUI, Jonathan, W.	H04L 29/02	HUCKETT, Simon
(31) 201113230373	(11) EP2761812	WALKER, Simon
(32) 12.09.2011	(21) EP11872965.6	ALLPRESS, Steve
(33) United States of America	(47) 23.01.2019	JONES, Philip
(51) H04L 12/801	(87) US2011053710	(31) 0721424
H04L 12/825	04.04.2013	(32) 31.10.2007
H04L 12/867	(22) 28.09.2011	(33) United Kingdom
(11) EP3198810	(54) MANAGING A SWITCH FABRIC	(51) H04L 25/02
(21) EP15781304.9	(73) Hewlett Packard Enterprise Development LP	H04L 27/26
(47) 30.01.2019	(72) CAVANNA, Vincent	H04L 1/20
(87) EP2015072048	FREY, Michael	(11) EP2579533
31.03.2016	(51) H04L 12/933	(21) EP12189983.5
(22) 24.09.2015	H04Q 11/00	(47) 23.01.2019
(54) DYNAMIC MAX-MIN FAIR RATE REGULATION APPARATUSES, METHODS AND SYSTEMS	H04J 14/02	(22) 02.10.2007
(73) Foundation for Research and Technology Hellas FORTH	(11) EP2962417	(54) Robust and Low-Complexity Combined Signal Power Estimation for OFDM
(72) KATEVENIS, Manolis G H	(21) EP14765090.7	(73) Telefonaktiebolaget LM Ericsson (publ)
(31) 201462054866 P	(47) 30.01.2019	(72) Wilhelmsson, Leif
(32) 24.09.2014	(87) CN2014073332	Lindoff, Bengt
(33) United States of America	18.09.2014	(31) 863046 P
(51) H04L 12/815	(22) 13.03.2014	762382
H04W 88/16	(54) SYSTEM AND METHOD FOR STEERING PACKET STREAMS	(32) 26.10.2006
H04L 12/851	(73) Huawei Technologies Co., Ltd.	13.06.2007
H04L 12/853	(72) GRAVES, Alan Frank	(33) United States of America
H04L 12/825	ASHWOOD-SMITH, Peter	United States of America
H04L 12/26	BERNIER, Eric	(51) H04L 25/02
H04W 28/02	GOODWILL, Dominic	H04L 27/26
H04L 12/801	(31) 201361787847 P	H04L 27/20
(11) EP3025544	201313902008	(11) EP2442508
(21) EP13889948.9	(32) 15.03.2013	(21) EP12150916.0
(47) 30.01.2019	24.05.2013	(47) 23.01.2019
(87) SE2013050928	(33) United States of America	(22) 18.08.2009
29.01.2015	United States of America	(54) The use of training sequences in cellular radio telephony
(22) 24.07.2013	(51) H04L 25/02	(73) BlackBerry Limited
(54) METHOD AND NETWORK NODE FOR CONGESTION MANAGEMENT IN A WIRELESS COMMUNICATIONS NETWORK	(11) EP2460328	(72) Qu, Shouxing
(73) Telefonaktiebolaget LM Ericsson (publ)	(21) EP10745042.1	Wu, Huan
(72) ZAHEMSZKY, András	(47) 23.01.2019	Xin, Yan
NÁDAS, Szilveszter	(87) US2010043594	(31) 89712 P
WESTBERG, Lars	03.02.2011	(32) 18.08.2008
(51) H04L 12/823	(22) 28.07.2010	(33) United States of America
H04L 12/70	(54) ADAPTIVE TRANSMISSIONS IN COORDINATED MULTIPLE POINT COMMUNICATIONS	(51) H04L 25/03
H04L 12/12	(73) Qualcomm Incorporated	H04B 10/69
H04W 52/02	(72) LUO, Tao	H04J 14/02
G06F 1/32	MALLADI, Durga Prasad	H04J 14/06
(11) EP2832051	ZHANG, Xiaoxia	(11) EP3131247
(21) EP12873215.3	WEI, Yongbin	(21) EP14890569.8
(47) 23.01.2019	MONTOJO, Juan	(47) 30.01.2019
(87) US2012031744	LIU, Ke	(87) CN2014076497
03.10.2013	(31) 229702 P	05.11.2015
(22) 31.03.2012	842752	(22) 29.04.2014
(54) METHOD, DEVICE, AND SYSTEM FOR DELAYING PACKETS DURING A NETWORK-TRIGGERED WAKE OF A COMPUTING DEVICE	(32) 29.07.2009	(54) SIGNAL RECEIVING METHOD AND RECEIVER
(73) Intel Corporation	23.07.2010	(73) Huawei Technologies Co., Ltd.
(72) BOELTER, Joshua	(33) United States of America	(72) LIU, Ling
	United States of America	LI, Liangchuan
	(51) H04L 25/02	(51) H04L 25/03
	H04L 25/03	H04L 5/00
	(11) EP2215789	(11) EP2748995
	(21) EP08844815.4	(21) EP12738125.9
	(47) 23.01.2019	(47) 23.01.2019
	(87) EP2008064461	(87) EP2012064371
	07.05.2009	28.02.2013

(22) 23.07.2012	(47) 30.01.2019	(21) EP09710516.7
(54) A METHOD TO FACILITATE THE MINIMIZATION OF INTER-CELL INTERFERENCE BY EXPLOITING ITS KNOWN CHARACTERISTICS	(22) 25.03.2014	(47) 30.01.2019
(73) Telefónica, S.A.	(54) Lighting system and method for operating a lighting system using power consumption for information transmission	(87) CN2009070412
(72) BERBERANA, Ignacio	(73) Tridonic GmbH & Co KG	(22) 12.02.2009
LORCA, Javier	(72) Borsoi, Giulio	(54) SUB-CARRIER ALIGNMENT MECHANISM FOR OFDM MULTI-CARRIER SYSTEMS
VEGA, Avelina	(72) Somaraju, Abhinav	(73) MediaTek Inc.
PABLO, María Luz	(51) H04L 27/233	(72) FU, I kang
APARICIO, María Teresa	H04B 5/00	LIAO, Pei kai
VILLANÚA, Ana	H04L 27/22	(31) 27838 P
(31) 201131406 P	(11) EP3079321	369563
(32) 22.08.2011	(21) EP15162828.6	(32) 12.02.2008
(33) Spain	(47) 30.01.2019	11.02.2009
(51) H04L 25/08	(22) 08.04.2015	(33) United States of America
H04L 27/38	(54) MEMORY MISALIGNMENT CORRECTION	United States of America
H04B 1/7075	(73) NXP B.V.	(51) H04L 27/26
H04L 27/26	(72) Li, Juhui	H04W 56/00
H04W 74/00	Al-kadi, Ghiath	(11) EP2916600
H04B 17/345	Ciacci, Massimo	(21) EP13850811.4
(11) EP3025466	(51) H04L 27/26	(47) 30.01.2019
(21) EP14829200.6	H04B 1/7107	(87) KR2013009936
(47) 30.01.2019	(11) EP2122953	08.05.2014
(87) US2014047667	(21) EP07808319.3	(22) 05.11.2013
29.01.2015	(47) 23.01.2019	(54) METHOD AND APPARATUS FOR GENERATING SYNCHRONOUS SIGNAL IN WIRELESS ACCESS SYSTEM FOR SUPPORTING SUPER-HIGH FREQUENCY BAND
(22) 22.07.2014	(87) KR2007004529	(73) LG ELECTRONICS INC.
(54) METHOD AND APPARATUS FOR ESTIMATING SIGNAL TO INTERFERENCE PLUS NOISE RATIO FOR A RANDOM ACCESS CHANNEL OF A WIRELESS NETWORK	21.08.2008	(72) KIM, Jinmin
(73) Texas Instruments Incorporated	(22) 19.09.2007	KIM, Kitae
(72) JIANG, Jing	(54) METHOD OF DATA TRANSMISSION WITH ITERATIVE MULTI-USER DETECTION AND APPARATUS USING THE SAME	KO, Hyunsoo
YAN, Mingjian	(73) Samsung Electronics Co., Ltd.	CHUNG, Jaehoon
PURKOVIC, Aleksandar	Potech Academy-Industry Foundation	(31) 201261722728 P
(31) 201361857112 P	(72) KIM, Young-Doo	(32) 05.11.2012
201414335546	KIM, Eung Sun	(33) United States of America
(32) 22.07.2013	AHN, Chang Wook	(51) H04L 27/34
18.07.2014	IM, Gi-Hong	H04B 7/0413
(33) United States of America	LIM, Jong-Bu	H04H 20/33
United States of America	YUNE, Tae-Won	H04W 52/26
(51) H04L 27/00	CHOI, Chan-Ho	H04L 27/26
H04L 5/00	(31) 20070014929	H04W 52/32
H04W 16/14	(32) 13.02.2007	H04W 52/42
H04W 24/10	(33) Korea (Republic)	H03M 13/09
H04W 48/12	(51) H04L 27/26	H03M 13/11
(11) EP3198815	H04L 5/00	H03M 13/15
(21) EP15763584.8	(11) EP3133788	H03M 13/25
(47) 23.01.2019	(21) EP15780568.0	H03M 13/29
(87) EP2015071095	(47) 30.01.2019	H03M 13/35
31.03.2016	(87) KR2015002845	(11) EP3179684
(22) 15.09.2015	22.10.2015	(21) EP17153609.7
(54) CHANNEL-STATE INFORMATION REFERENCE SYMBOL SCHEDULING	(22) 23.03.2015	(47) 23.01.2019
(73) Telefonaktiebolaget LM Ericsson (publ)	(54) METHOD AND APPARATUS FOR TRANSMITTING PPDU	(22) 01.02.2011
(72) FRÖBERG OLSSON, Jonas	(73) LG Electronics Inc.	(54) BROADCAST SIGNAL RECEIVER USING MIMO PROCESSING WITH A MIMO ROTATION MATRIX
ANDERSSON, Håkan	(72) CHOI, Jinsoo	(73) LG Electronics Inc.
SKÖRDEMAN, John	CHUN, Jinyoung	(72) KO, Woo Suk
(31) 201462055706 P	LEE, Wookbong	MOON, Sang Chul
(32) 26.09.2014	LIM, Dongguk	(31) 301617 P
(33) United States of America	CHO, Hangyu	(32) 04.02.2010
(51) H04L 27/12	(31) 201461979520 P	(33) United States of America
H04L 27/20	(32) 15.04.2014	(51) H04L 27/34
H04L 27/04	(33) United States of America	H04H 20/42
H05B 37/02	(51) H04L 27/26	H04H 60/11
(11) EP2925094	H04L 5/00	H04L 27/26
(21) EP14161501.3	H04L 25/03	
	(11) EP2253112	

H04B 7/0413	Alvarado, Joaquin Omar	(21) EP15902847.1
(11) EP3179685	Brunson, Gordon R.	(47) 30.01.2019
(21) EP17153989.3	(31) 201461934542 P	(87) CN2015099898
(47) 23.01.2019	201414472115	09.03.2017
(22) 01.02.2011	(32) 31.01.2014	(22) 30.12.2015
(54) BROADCAST SIGNAL TRANSMITTER USING MIMO PROCESSING WITH A MIMO ROTATION MATRIX	28.08.2014	(54) PHISHING PAGE DETECTION METHOD AND DEVICE
(73) LG Electronics Inc.	(33) United States of America	(73) Baidu Online Network Technology (Beijing) Co., Ltd.
(72) KO, Woo Suk	United States of America	(72) YANG, Nian
MOON, Sang Chul	(51) H04L 29/06	GENG, Zhifeng
(31) 301577 P	(11) EP3091711	SU, Xiaodong
(32) 04.02.2010	(21) EP16175872.7	(31) 201510542777
(33) United States of America	(47) 30.01.2019	(32) 28.08.2015
(51) H04L 27/36	(22) 09.07.2013	(33) China
H03F 1/32	(54) CONTENT-SPECIFIC IDENTIFICATION AND TIMING BEHAVIOR IN DYNAMIC ADAPTIVE STREAMING OVER HYPERTEXT TRANSFER PROTOCOL	(51) H04L 29/06
(11) EP2641371	(73) Huawei Technologies Co., Ltd.	G06F 21/35
(21) EP10803490.1	(72) GILADI, Alexander	G06F 21/43
(47) 23.01.2019	(31) 201261669510 P	(11) EP3289751
(87) IB2010002941	201313937058	(21) EP16721754.6
24.05.2012	(32) 09.07.2012	(47) 30.01.2019
(22) 18.11.2010	08.07.2013	(87) EP2016059522
(54) METHOD AND FREQUENCY AGILE PRE-DISTORTED TRANSMITTER USING PROGRAMMABLE DIGITAL UP AND DOWN CONVERSION	(33) United States of America	03.11.2016
(73) Telefonaktiebolaget LM Ericsson (publ)	United States of America	(22) 28.04.2016
(72) MORRIS, Bradley, John	(51) H04L 29/06	(54) TRANSMISSION OF A ONE-TIME KEY VIA INFRARED SIGNAL
THOREBÄCK, Lars, Johan	G06F 3/0481	(73) Deutsche Telekom AG
(51) H04L 29/06	H04M 3/56	(72) WAGNER, Jens
(11) EP2568683	H04N 7/15	LUDWIG, Theresa
(21) EP12183565.6	H04M 1/725	(31) 102015106735
(47) 23.01.2019	H04M 3/42	(32) 30.04.2015
(22) 07.09.2012	H04L 12/58	(33) Germany
(54) Methods, apparatuses, and computer-readable media for initiating an application for participants of a conference	(11) EP3266190	(51) H04L 29/06
(73) Avaya Inc.	(21) EP16718133.8	H04L 9/06
(72) Yoakum, John H.	(47) 30.01.2019	H04L 9/08
Gutcher, James R.	(87) US2016027056	H04W 12/06
Baratz, Alan E.	20.10.2016	H04W 12/08
(31) 201113228261	(22) 12.04.2016	(11) EP3266180
(32) 08.09.2011	(54) PRESENTING A MESSAGE IN A COMMUNICATION SESSION	(21) EP16707362.6
(33) United States of America	(73) Microsoft Technology Licensing, LLC	(47) 30.01.2019
(51) H04L 29/06	(72) BRUNSCH, Devi	(87) US2016018855
(11) EP2854362	FAULKNER, Jason Thomas	15.09.2016
(21) EP14179336.4	SWIFT, Mark Robert	(22) 22.02.2016
(47) 30.01.2019	(31) 201562148426 P	(54) SPONSORED CONNECTIVITY TO CELLULAR NETWORKS USING EXISTING CREDENTIALS
(22) 31.07.2014	201514806291	(73) QUALCOMM Incorporated
(54) Software network behavior analysis and identification system	(32) 16.04.2015	(72) LEE, Soo Bum
(73) The Boeing Company	22.07.2015	PALANIGOUNDER, Anand
(72) Davis, Aaron R.	(33) United States of America	HORN, Gavin Bernard
Aldrich, Timothy M.	United States of America	(31) 201562129462 P
Bialek, Matthew S.	(51) H04L 29/06	201514817123
Lemm, Timothy M.	G06F 9/455	(32) 06.03.2015
Kospiah, Shaun	H04L 9/32	03.08.2015
(31) 201314042153	(11) EP3133789	(33) United States of America
(32) 30.09.2013	(21) EP14891493.0	United States of America
(33) United States of America	(47) 30.01.2019	(51) H04L 29/06
(51) H04L 29/06	(87) CN2014077075	H04L 12/24
(11) EP2903236	12.11.2015	(11) EP2630749
(21) EP15153233.0	(22) 08.05.2014	(21) EP10858770.0
(47) 30.01.2019	(54) CERTIFICATE ACQUISITION METHOD AND DEVICE	(47) 30.01.2019
(22) 30.01.2015	(73) Huawei Technologies Co., Ltd.	(87) US2010053713
(54) Call context conveyance	(72) XIONG, Ying	26.04.2012
(73) Avaya Inc.	WANG, Jiangsheng	(22) 22.10.2010
(72) Mendiratta, Harsh V.	FENG, Chengyan	(54) DISTRIBUTED NETWORK INSTRUMENTATION SYSTEM
	(51) H04L 29/06	(73) Hewlett Packard Enterprise Development LP
	G06F 17/30	(72) STIEKES, Bryan
	(11) EP3214817	

<p>(51) H04L 29/06 H04L 29/08 (11) EP1969807 (21) EP06839197.8 (47) 23.01.2019 (87) US2006046821 12.07.2007 (22) 06.12.2006 (54) COMBINING COMMUNICATION POLICIES INTO COMMON RULES STORE (73) Microsoft Technology Licensing, LLC (72) DOUGHERTY, Jesse M. PEARSON, Malcolm E. THOMAS, Shawn M. (31) 320348 (32) 28.12.2005 (33) United States of America</p> <hr/> <p>(51) H04L 29/06 H04L 29/08 (11) EP2510668 (21) EP10795274.9 (47) 23.01.2019 (87) EP2010069243 16.06.2011 (22) 09.12.2010 (54) MEASURING CALL QUALITY (73) Skype (72) RODBRO, Christoffer Asgaard MAHRT, Ole ORUAAS, Mart VELENKO, Mihails (31) 0921640 (32) 10.12.2009 (33) United Kingdom</p> <hr/> <p>(51) H04L 29/06 H04M 1/725 (11) EP2337303 (21) EP10015724.7 (47) 23.01.2019 (22) 16.12.2010 (54) Network-based service access for wireless communication devices (73) Sony Mobile Communications Inc. (72) Angle, Travis Dzuban, Daniel Gibbs, Graeme, M. Griffin, Jeffrey Karlsson, Joachim Meyer, Seneca, D. Norbury, Kenneth, Douglas (31) 287343 P 791292 (32) 17.12.2009 01.06.2010 (33) United States of America United States of America</p> <hr/> <p>(51) H04L 29/06 H04N 21/4728 H04L 29/08 H04N 21/6587 H04N 21/845 H04N 5/232 H04N 21/262 (11) EP2824885 (21) EP13290164.6 (47) 23.01.2019 (22) 12.07.2013</p>	<p>(54) A manifest file format supporting panoramic video (73) Provenance Asset Group LLC (72) De Vleeschauwer, Bart Rondao Alfaced, Patrice Macq, Jean-François Verzijp, Nico</p> <hr/> <p>(51) H04L 29/06 H04W 4/14 (11) EP2732594 (21) EP12759280.6 (47) 23.01.2019 (87) NO2012050136 17.01.2013 (22) 12.07.2012 (54) SYSTEM AND METHOD FOR ALTERNATIVE DISTRIBUTION OF A PIN CODE (73) Lemberg, Trond (72) Lemberg, Trond (31) 20111021 (32) 13.07.2011 (33) Norway</p> <hr/> <p>(51) H04L 29/06 H04W 4/24 (11) EP2437530 (21) EP10013133.3 (47) 30.01.2019 (22) 01.10.2010 (54) Method for provisioning of a network access for a mobile communication device (73) ARM Limited Giesecke+Devrient Mobile Security GmbH (72) Spitz, Stephan Dr. Sterzinger, Hermann Dr. Brown, Robert John</p> <hr/> <p>(51) H04L 29/06 H04W 12/06 H04M 1/725 G06Q 20/32 H04W 4/80 H04W 76/27 (11) EP3047436 (21) EP14756131.0 (47) 30.01.2019 (87) JP2014004129 26.03.2015 (22) 07.08.2014 (54) INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING METHOD, AND PROGRAM (73) Sony Corporation (72) SUEYOSHI, Masahiro YONEDA, Yoshihiro HOSHINO, Naoya (31) 2013192915 (32) 18.09.2013 (33) Japan</p> <hr/> <p>(51) H04L 29/06 H04W 12/06 H04W 60/00 H04W 76/11 H04W 4/20 H04L 29/08 (11) EP3272098 (21) EP16720206.8 (47) 23.01.2019</p>	<p>(87) US2016020224 22.09.2016 (22) 01.03.2016 (54) APPARATUS AND METHOD FOR SPONSORED CONNECTIVITY TO WIRELESS NETWORKS USING APPLICATION-SPECIFIC NETWORK ACCESS CREDENTIALS (73) Qualcomm Incorporated (72) LEE, Soo Bum PALANIGOUNDER, Anand HORN, Gavin Bernard (31) 201562134206 P 201514829432 (32) 17.03.2015 18.08.2015 (33) United States of America United States of America</p> <hr/> <p>(51) H04L 29/06 H04W 84/04 H04W 88/02 H04W 76/32 H04W 12/06 H04L 1/00 H04W 36/00 H04L 29/14 (11) EP3163927 (21) EP16196089.3 (47) 23.01.2019 (22) 27.10.2016 (54) HANDLING AUTHENTICATION FAILURES IN WIRELESS COMMUNICATION SYSTEMS (73) BlackBerry Limited (72) BAKKER, Jan Hendrik Lucas WIRTANEN, Jeffrey William ISLAM, Muhammad Khaledul (31) 201562247164 P (32) 27.10.2015 (33) United States of America</p> <hr/> <p>(51) H04L 29/06 H04W 92/02 H04W 92/24 H04L 29/12 (11) EP1972128 (21) EP06820126.8 (47) 30.01.2019 (87) FI2006050547 19.07.2007 (22) 11.12.2006 (54) A COMMUNICATION METHOD, A SYSTEM AND A NAME RESOLVING SYSTEM (73) Telia Company AB (72) KORHONEN, Jouni JALKANEN, Tero (31) 20065018 (32) 11.01.2006 (33) Finland</p> <hr/> <p>(51) H04L 29/08 (11) EP2140665 (21) EP07872102.4 (47) 23.01.2019 (87) IB2007004511 02.10.2008 (22) 24.12.2007 (54) DETECTION OF COMMUNICATION STATES</p>
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(73) Skype	(54) GATEWAY AND METHOD OF CONTROLLING DATA TRANSMISSION OF AN EXTERNAL APPARATUS CONNECTED TO A GATEWAY	HAGA, Tomoyuki KISHIKAWA, Takeshi SUGIYAMA, Ryota
(72) TUUBEL, Tauri RICE, Liz JOHN, Stuart KONNUSSAAR, Teet TOLAN, Jill	(73) Samsung Electronics Co., Ltd (72) LEE, Jae-keun (31) 20140098648 20140161633 20150043304	(31) 201462049668 P 2015150050 (32) 12.09.2014 29.07.2015 (33) United States of America Japan
(31) 0706074 (32) 28.03.2007 (33) United Kingdom	(32) 31.07.2014 19.11.2014 27.03.2015 (33) Korea (Republic) Korea (Republic) Korea (Republic)	(51) H04L 29/08 H04L 12/911 G06F 3/16 G06F 3/14 G06F 3/0484 G06F 3/01 G06F 9/50
(51) H04L 29/08 (11) EP2985978 (21) EP15178753.8 (47) 30.01.2019 (22) 29.07.2015 (54) WLAN ADAPTER FOR VEHICLE HEAD UNITS	(31) 201414461019 (32) 15.08.2014 (33) United States of America	(11) EP3022650 (21) EP14745298.1 (47) 30.01.2019 (87) US2014045965 22.01.2015 (22) 09.07.2014 (54) DELEGATION OF RENDERING BETWEEN A WEB APPLICATION AND A NATIVE APPLICATION
(73) Harman Becker Automotive Systems GmbH (72) PFAFFINGER, Gerhard POWER, Des	(31) 201414461019 (32) 15.08.2014 (33) United States of America	(73) Microsoft Technology Licensing, LLC (72) GARG, Anupam DAVENPORT, Michael WELTON, Nickolas Dwayne
(31) 201414461019 (32) 15.08.2014 (33) United States of America	(11) EP2871805 (21) EP13192348.4 (47) 23.01.2019 (22) 11.11.2013 (54) Data network, aircraft or spacecraft, and method	(31) 201361846122 P 201314048769 (32) 15.07.2013 08.10.2013 (33) United States of America United States of America
(51) H04L 29/08 (11) EP3179701 (21) EP16186074.7 (47) 30.01.2019 (22) 29.08.2016 (54) FILE UPLOAD AND DOWNLOAD METHODS AND ASSOCIATED SERVER	(73) Airbus Operations GmbH Airbus Operations (S.A.S.) (72) Brownjohn, Nicholas E. Poulain, Stéphane Valancogne, Xavier Osternack, Stefan Fischer, Nils	(73) Microsoft Technology Licensing, LLC (72) GARG, Anupam DAVENPORT, Michael WELTON, Nickolas Dwayne
(73) Synology Incorporated (72) Sung, Ying-Chang Pai, Che-Wei	(72) Brownjohn, Nicholas E. Poulain, Stéphane Valancogne, Xavier Osternack, Stefan Fischer, Nils	(31) 201361846122 P 201314048769 (32) 15.07.2013 08.10.2013 (33) United States of America United States of America
(31) 104141257 (32) 09.12.2015 (33) Taiwan, Province of China	(51) H04L 29/08 H04L 12/24 H04L 12/26 (11) EP2474145 (21) EP10733066.4 (47) 30.01.2019 (87) US2010040302 03.03.2011 (22) 29.06.2010 (54) MEASURING ATTRIBUTES OF CLIENT-SERVER APPLICATIONS	(31) 201361846122 P 201314048769 (32) 15.07.2013 08.10.2013 (33) United States of America United States of America
(51) H04L 29/08 G06F 9/455 G06Q 50/10 H04L 29/06 (11) EP3163531 (21) EP14895905.9 (47) 30.01.2019 (87) KR2014011749 30.12.2015 (22) 03.12.2014 (54) METHOD FOR PROVIDING CLOUD STREAMING SERVICE, DEVICE AND SYSTEM FOR SAME, AND COMPUTER-READABLE RECORDING MEDIUM HAVING, RECORDED THEREON, CLOUD STREAMING SCRIPT CODE FOR SAME	(51) H04L 29/08 H04L 12/40 H04L 29/06 (11) EP3192703 (21) EP15839733.1 (47) 30.01.2019 (87) JP2015004236 17.03.2016 (22) 25.08.2015 (54) VEHICLE COMMUNICATION DEVICE, IN-VEHICLE NETWORK SYSTEM, AND VEHICLE COMMUNICATION METHOD	(51) H04L 29/08 H04L 29/06 (11) EP2043331 (21) EP08104505.6 (47) 23.01.2019 (22) 23.06.2008 (54) Device for restoring video sequences and method of configuring this device (73) SAGEMCOM BROADBAND SAS (72) Cuoq, Jean-Noel (31) 0756056 (32) 27.06.2007 (33) France
(73) SK TechX Co., Ltd. (72) KIM, Taewon (31) 20140077925 (32) 25.06.2014 (33) Korea (Republic)	(73) Cisco Technology, Inc. (72) PORTOLANI, Maurizio (31) 551128 (32) 31.08.2009 (33) United States of America	(73) SAGEMCOM BROADBAND SAS (72) Cuoq, Jean-Noel (31) 0756056 (32) 27.06.2007 (33) France
(51) H04L 29/08 G06F 9/50 H04L 12/26 H04L 12/851 H04L 12/923 H04L 12/911 (11) EP2981045 (21) EP15179241.3 (47) 30.01.2019 (22) 31.07.2015	(51) H04L 29/08 H04L 12/40 H04L 29/06 (11) EP3192703 (21) EP15839733.1 (47) 30.01.2019 (87) JP2015004236 17.03.2016 (22) 25.08.2015 (54) VEHICLE COMMUNICATION DEVICE, IN-VEHICLE NETWORK SYSTEM, AND VEHICLE COMMUNICATION METHOD	(51) H04L 29/08 H04L 29/06 (11) EP3232647 (21) EP17162827.4 (47) 23.01.2019 (22) 24.03.2017 (54) INVALIDATION IN A CONTENT DELIVERY NETWORK (73) Level 3 Communications, LLC (72) Crowder, William Lipstone, Laurence Newton, Christopher Wong, Fiona
(73) SK TechX Co., Ltd. (72) KIM, Taewon (31) 20140077925 (32) 25.06.2014 (33) Korea (Republic)	(73) Panasonic Intellectual Property Corporation of America (72) UJIE, Yoshihiro ANZAI, Jun KITAMURA, Yoshihiko TANABE, Masato MATSUSHIMA, Hideki	(73) Level 3 Communications, LLC (72) Crowder, William Lipstone, Laurence Newton, Christopher Wong, Fiona
(51) H04L 29/08 G06F 9/50 H04L 12/26 H04L 12/851 H04L 12/923 H04L 12/911 (11) EP2981045 (21) EP15179241.3 (47) 30.01.2019 (22) 31.07.2015	(73) Panasonic Intellectual Property Corporation of America (72) UJIE, Yoshihiro ANZAI, Jun KITAMURA, Yoshihiko TANABE, Masato MATSUSHIMA, Hideki	(31) 201615095282 (32) 11.04.2016 (33) United States of America (51) H04L 29/08 H04L 29/06 (11) EP3146697 (21) EP15727491.1

(47) 30.01.2019	(32) 08.10.2011	(73) Guangdong Oppo Mobile
(87) US2015029921	03.01.2012	Telecommunications Corp., Ltd
26.11.2015	(33) United States of America	(72) ZHANG, Tao
(22) 08.05.2015	United States of America	SUN, Wenfeng
(54) METHOD AND SYSTEM FOR	(51) H04L 29/08	(31) 201610727663
DISTRIBUTED SCRIPT EXECUTION	H04W 28/06	201620945032 U
(73) Citrix Systems, Inc.	H04L 29/06	(32) 25.08.2016
(72) CHAUHAN, Abhishek	(11) EP2309697	25.08.2016
(31) 201414282421	(21) EP10184548.5	(33) China
(32) 20.05.2014	(47) 30.01.2019	China
(33) United States of America	(22) 05.12.2002	(51) H04M 1/02
(51) H04L 29/08	(54) METHOD AND APPARATUS FOR DATA	G06F 1/16
H04L 29/06	PROCESSING BY A USER TERMINAL	H04M 1/22
H04W 12/04	IN A WIRELESS COMMUNICATION	F21V 15/01
(11) EP3313050	SYSTEM	G06F 3/041
(21) EP17190748.8	(73) Sony Corporation	H05K 5/00
(47) 23.01.2019	(72) Moloney, Joseph, Keith, Charles	H05K 5/02
(22) 05.02.2015	(31) 0129103	(11) EP2611119
(54) UNIFORM COMMUNICATION	(32) 05.12.2001	(21) EP12195831.8
PROTOCOLS FOR COMMUNICATION	(33) United Kingdom	(47) 23.01.2019
BETWEEN CONTROLLERS AND	(51) H04L 29/12	(22) 06.12.2012
ACCESSORIES	G06F 17/30	(54) Terminal with transparent stripe and substrate
(73) Apple Inc.	G06Q 10/08	(73) Sony Mobile Communications, Inc
(72) MCLAUGHLIN, Kevin P.	(11) EP3217632	(72) Miyaoka, Hidekazu
MATHIAS, Arun G.	(21) EP15857592.8	Hayashi, Nobuaki
RAMA, Srinivas	(47) 30.01.2019	Imai, Ken
NADATHUR, Anush	(87) CN2015081273	Kawamura, Shingo
BRADLEY, Bob	12.05.2016	Masuda, Takefumi
ABUAN, Joe S.	(22) 11.06.2015	(31) 201161580544 P
DOOLEY, Craig P.	(54) OID CONFIGURATION, PARSING	(32) 27.12.2011
GOLEMBESKI, Gregg Jr.	METHOD, CLIENT, NODE, DATABASE	(33) United States of America
BURKS, Andrew	AND STORAGE MEDIUM	(51) H04M 1/02
(31) 201461935967 P	(73) ZTE Corporation	G06F 1/16
(32) 05.02.2014	(72) TANG, Kai	H05K 5/00
(33) United States of America	JIANG, Hua	H05K 5/02
(51) H04L 29/08	(31) 201410614065	H04M 1/23
H04W 4/02	(32) 04.11.2014	(11) EP3151522
H04W 4/20	(33) China	(21) EP16174364.6
H04L 12/18	(51) H04M 1/02	(47) 23.01.2019
(11) EP2093965	B29C 45/14	(22) 14.06.2016
(21) EP08003206.3	H01Q 1/24	(54) ELECTRONIC DEVICE
(47) 23.01.2019	(11) EP3288247	(73) LG ELECTRONICS INC.
(22) 21.02.2008	(21) EP17187400.1	(72) PARK, Sungyong
(54) Reliable, location and load aware service	(47) 23.01.2019	MOON, Yihyun
search proxy (SSP)	(22) 23.08.2017	(31) 20150128696
(73) Nokia Solutions and Networks GmbH & Co.	(54) MOBILE TERMINAL, HOUSING	(32) 11.09.2015
KG	COMPONENT, AND MANUFACTURING	(33) Korea (Republic)
(72) Albayrak, Sahin	METHOD THEREOF	(51) H04M 1/02
Andersen, Frank-Uwe	(73) Guangdong Oppo Mobile	H01Q 1/38
Fan, Changpeng, Dr.	Telecommunications Corp., Ltd	H01Q 7/00
Toker, Ahmet Cihat	(72) Zhang, Tao	H01Q 7/06
Weber, Michael	Sun, Wenfeng	H01Q 1/24
(51) H04L 29/08	(31) 201620945031 U	(11) EP2876868
H04W 4/20	201610727662	(21) EP14194745.7
H04L 12/58	(32) 25.08.2016	(47) 30.01.2019
H04W 4/21	25.08.2016	(22) 25.11.2014
(11) EP2582116	(33) China	(54) Handheld device and method of manufacture
(21) EP12005729.4	China	thereof
(47) 23.01.2019	(51) H04M 1/02	(73) BlackBerry Limited
(22) 07.08.2012	B29C 45/14	(72) Pegg, Albert Murray
(54) Social network device memberships and	H01Q 1/24	Malo, Eric Gary
applications	(11) EP3288248	Reader, Darren
(73) Avago Technologies International Sales Pte.	(21) EP17187434.0	Behin, Rayhan
Limited	(47) 23.01.2019	(31) 201314089172
(72) Rajakarunanayake, Yasantha	(22) 23.08.2017	(32) 25.11.2013
Bennett, James	(54) MOBILE TERMINAL, HOUSING	(33) United States of America
(31) 201161545147 P	COMPONENT, AND MANUFACTURING	(51) H04M 1/02
201213342301	METHOD THEREOF	H03K 17/955

G01B 7/14	(51) H04M 1/725	Japan
G06F 1/32	G08B 21/18	(51) H04M 1/725
G06F 3/01	H04M 19/04	H04W 8/22
G06F 3/044	A61B 5/00	H04W 8/24
H04W 4/02	A61B 5/024	(11) EP2656596
H03K 17/96	A61B 5/053	(21) EP10796048.6
(11) EP2988479	(11) EP2591408	(47) 23.01.2019
(21) EP15180782.3	(21) EP11803218.4	(87) EP2010070402
(47) 30.01.2019	(47) 23.01.2019	28.06.2012
(22) 12.08.2015	(87) IB2011052951	(22) 21.12.2010
(54) CAPACITIVE PROXIMITY SENSOR AND	12.01.2012	(54) DEVICE, METHOD&COMPUTER
MOBILE DEVICE	(22) 04.07.2011	PROGRAM PRODUCT
(73) Semtech Corporation	(54) USING BIO-SIGNALS FOR	(73) Sony Mobile Communications AB
(72) GRISOT, Sébastien	CONTROLLING A USER ALERT	(72) ANGELHAG, Anders
ROUAISSIA, Chaouki	(73) Nokia Technologies Oy	(51) H04M 1/725
(31) 201462039240 P	(72) KANGAS, Jari	H04W 8/24
(32) 19.08.2014	NURMI, Mikko	(11) EP1658743
(33) United States of America	VETEK, Akos	(21) EP04766633.4
(51) H04M 1/02	SIVADAS, Sunil	(47) 23.01.2019
H04M 1/03	SALMINEN, Ilkka	(87) EP2004051950
(11) EP3240264	OJANEN, Ville	10.03.2005
(21) EP17000500.3	KÄRKKÄINEN, Leo	(22) 27.08.2004
(47) 23.01.2019	(31) 833509	(54) METHOD, DEVICE AND SYSTEM
(22) 27.03.2017	(32) 09.07.2010	FOR THE RULE-CONTROLLED,
(54) MOBILE TERMINAL	(33) United States of America	DELAYED EXECUTION OF SOFTWARE
(73) LG Electronics Inc.	(51) H04M 1/725	DOWNLOADS
(72) HAN, Dongsu	H04M 1/02	(73) Nokia Solutions and Networks GmbH & Co.
KIM, Hyunjin	(11) EP3240272	KG
KIM, Jungwhan	(21) EP16195960.6	(72) DILLINGER, Markus
(31) 201662328625 P	(47) 23.01.2019	NIEDERMEIER, Christoph
20160084285	(22) 27.10.2016	SCHMID, Reiner
(32) 28.04.2016	(54) MOBILE TERMINAL AND METHOD FOR	(31) 10339456
04.07.2016	CONTROLLING THE SAME	(32) 27.08.2003
(33) United States of America	(73) LG Electronics Inc.	(33) Germany
Korea (Republic)	(72) HAN, Dongsu	(51) H04M 3/22
(51) H04M 1/02	KIM, Hyunjin	H04L 29/06
H05K 5/00	KIM, Jungwhan	H04W 12/02
(11) EP2632118	(31) 201662328625 P	H04W 64/00
(21) EP12008456.1	20160084283	H04K 3/00
(47) 30.01.2019	(32) 28.04.2016	H04M 3/42
(22) 19.12.2012	04.07.2016	(11) EP2624534
(54) Foldable mobile terminal with two displays	(33) United States of America	(21) EP13153282.2
(73) LG Electronics Inc.	Korea (Republic)	(47) 23.01.2019
(72) Lim, Seunggeun	(51) H04M 1/725	(22) 30.01.2013
Lee, Kyuho	H04M 19/04	(54) Systems and methods for correlating
Kang, Dongguk	H04W 52/02	cellular and WLAN identifiers of mobile
(31) 20120017554	H04W 68/00	communication terminals
(32) 21.02.2012	(11) EP2908507	(73) Verint Systems Ltd.
(33) Korea (Republic)	(21) EP13846142.1	(72) Goldfarb, Eithan
(51) H04M 1/725	(47) 30.01.2019	(31) 21786712
G01C 21/36	(87) JP2013077305	(32) 31.01.2012
B60K 35/00	17.04.2014	(33) Israel
B60K 37/06	(22) 08.10.2013	(51) H04M 3/50
H04M 1/60	(54) ELECTRONIC DEVICE, CONTROL	H04L 29/06
H04M 1/04	METHOD, AND PROGRAM	H04M 3/51
G06F 3/0354	(73) Kyocera Corporation	(11) EP3185524
(11) EP2830292	(72) KAWAGUCHI, Kouichi	(21) EP16186329.5
(21) EP13765120.4	(31) 2012224572	(47) 23.01.2019
(47) 23.01.2019	2012238174	(22) 27.11.2012
(87) JP2013057323	2012238176	(54) CALL PROCESSING METHOD AND
26.09.2013	2012238175	CONTROL APPARATUS, AUTOMATIC
(22) 08.03.2013	(32) 09.10.2012	CALL DISTRIBUTION APPARATUS,
(54) ONBOARD INFORMATION SYSTEM	29.10.2012	AND AGENT TERMINAL
(73) NEC Corporation	29.10.2012	(73) Huawei Technologies Co., Ltd.
(72) UCHIMURA, Jun	29.10.2012	(72) TANG, Zhaohui
(31) 2012061523	(33) Japan	WEI, Sining
(32) 19.03.2012	Japan	HUANG, Rongjun
(33) Japan	Japan	LIU, Tongbing

(31) 201210088209	Bauer, Christoph	G06T 1/00
(32) 29.03.2012	Barth, Markus	H04N 5/232
(33) China	(31) 5752005	H04N 7/18
(51) H04M 9/08	(32) 05.04.2005	(11) EP3032818
H04M 1/60	(33) Austria	(21) EP14834074.8
G10L 21/0216	(51) H04N 1/401	(47) 30.01.2019
(11) EP2768211	B41J 2/21	(87) JP2014002623
(21) EP12840437.3	G06K 15/02	12.02.2015
(47) 23.01.2019	(11) EP2391112	(22) 19.05.2014
(87) CN2012080701	(21) EP11167252.3	(54) IMAGE PROCESSING DEVICE
18.04.2013	(47) 23.01.2019	(73) Panasonic Intellectual Property Management
(22) 29.08.2012	(22) 24.05.2011	Co., Ltd.
(54) MOBILE PHONE AND CALL SIGNAL	(54) Image processor and image processing	(72) ARATA, Koji
PROCESSING METHOD FOR SAME	method	NAKAI, Wataru
(73) Huizhou TCL Mobile Communication Co.,	(73) CANON KABUSHIKI KAISHA	ARAI, Yuko
Ltd.	(72) Yamada, Akitoshi	(31) 2013164965
(72) WU, Yanchun	Goto, Fumitaka	(32) 08.08.2013
LIN, Zihua	Ishikawa, Tomokazu	(33) Japan
(31) 201110308718	Ikeda, Tohru	(51) H04N 5/225
(32) 12.10.2011	Miyake, Nobutaka	G06T 3/00
(33) China	Torigoe, Makoto	H04N 1/387
(51) H04M 15/00	(31) 2010118669	H04N 5/262
H04L 12/14	(32) 24.05.2010	H04N 5/93
H04W 4/24	(33) Japan	H04N 5/232
H04W 48/18	(51) H04N 1/50	H04N 5/77
H04W 4/16	G03G 15/01	(11) EP2239935
(11) EP3029966	G03G 15/00	(21) EP08872076.8
(21) EP14831729.0	(11) EP2739031	(47) 30.01.2019
(47) 30.01.2019	(21) EP13194659.2	(87) JP2008004027
(87) KR2014007001	(47) 23.01.2019	13.08.2009
05.02.2015	(22) 27.11.2013	(22) 26.12.2008
(22) 30.07.2014	(54) Image forming apparatus, color registration	(54) IMAGE SYNTHESIS DEVICE, IMAGE
(54) METHOD AND APPARATUS FOR	method of image forming apparatus, host	SYNTHESIS METHOD AND IMAGE
IMPROVING SERVICE EFFICIENCY IN	apparatus, control method of host apparatus,	SYNTHESIS PROGRAM
WIRELESS COMMUNICATION SYSTEM	and computer readable recording medium	(73) Panasonic Intellectual Property Corporation
(73) Samsung Electronics Co., Ltd.	(73) HP Printing Korea Co., Ltd.	of America
(72) JEONG, Sangsoo	(72) Lee, Ki-youn	(72) FUCHIGAMI, Ikuo
CHO, Songyeon	(31) 20120138158	TEZUKA, Tadanori
KIM, Hyejeong	(32) 30.11.2012	(31) 2008023595
(31) 20130090381	(33) Korea (Republic)	(32) 04.02.2008
20130116853	(51) H04N 1/60	(33) Japan
20130135863	H04N 1/00	(51) H04N 5/232
20140003637	H04N 1/41	H04N 5/235
(32) 30.07.2013	H04N 1/64	H04N 5/357
30.09.2013	B41J 2/175	H04N 9/04
08.11.2013	(11) EP3267672	H04N 9/73
10.01.2014	(21) EP17179824.2	(11) EP2011329
(33) Korea (Republic)	(47) 23.01.2019	(21) EP07731877.2
Korea (Republic)	(22) 05.07.2017	(47) 23.01.2019
Korea (Republic)	(54) COLOR LOOK UP TABLE	(87) FR2007051075
Korea (Republic)	COMPRESSION	18.10.2007
(51) H04N 1/10	(73) Hewlett-Packard Development Company L.P.	(22) 05.04.2007
(11) EP1869874	Purdue Research Foundation	(54) METHOD OF PROCESSING A RELATIVE
(21) EP06721196.1	(72) TANG, Chuohao	ILLUMINATION PHENOMENON ON A
(47) 23.01.2019	COLLISON, Sean	DIGITAL IMAGE AND ASSOCIATED
(87) AT2006000138	REIBMAN, Amy Ruth	PROCESSING SYSTEM
12.10.2006	SHAW, Mark	(73) DxO Labs
(22) 05.04.2006	ALLEGACH, Jan	(72) GUICHARD, Frédéric
(54) DEVICE AND METHOD FOR	GONDEK, Jay. S.	KRAAK, Michael
OPTICALLY DETECTING AND	(31) PCT/US2016/041633	(31) 0651242
RECEIVING INTERCONNECTED	PCT/US2016/060874	(32) 06.04.2006
SHEETS	(32) 08.07.2016	(33) France
(73) Tratter, Stephan	07.11.2016	(51) H04N 5/232
Zagler, Wolfgang	(33) World Intellectual Property Office (WIPO)	H04N 5/77
Bauer, Christoph	World Intellectual Property Office (WIPO)	H04N 9/79
Barth, Markus	(51) H04N 5/225	H04N 9/82
(72) Tratter, Stephan	B60R 1/00	H04N 1/21
Zagler, Wolfgang	G01B 11/00	H04N 101/00

(11) EP2575355	G02B 26/10	(33) United States of America
(21) EP12186587.7	(11) EP2950526	(51) H04N 9/73
(47) 23.01.2019	(21) EP13872684.9	(11) EP2382788
(22) 28.09.2012	(47) 30.01.2019	(21) EP09799414.9
(54) DIGITAL IMAGE CAPTURING METHOD AND APPARATUS	(87) JP2013080378	(47) 23.01.2019
(73) Samsung Electronics Co., Ltd	31.07.2014	(87) IB2009055851
(72) BAEK, Jae-Myung	(22) 11.11.2013	01.07.2010
PARK, Dong-Youl	(54) PROJECTION TYPE IMAGE DISPLAY DEVICE, IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD, AND COMPUTER PROGRAM	(22) 18.12.2009
SUNG, Woon-Tahk	(73) Sony Corporation	(54) AN AMBIENCE LIGHTING SYSTEM FOR A DISPLAY DEVICE AND A METHOD OF OPERATING SUCH AN AMBIENCE LIGHTING SYSTEM
CHOI, Soon-Kyoung	(72) KOBAYASHI, Naoki	(73) TP Vision Holding B.V.
PANDEY, Subash	TAKAHASHI, Naomasa	(72) MATTHYS, Erwin, M., A.
(31) 20110099411	HIROTA, Yoichi	(31) 08172692
(32) 29.09.2011	KAJI, Yohsuke	(32) 23.12.2008
(33) Korea (Republic)	YAMASHITA, Noriyuki	(33) European Patent Office (EPO)
(51) H04N 5/355	NISHINO, Masatoshi	(51) H04N 13/156
H04N 5/374	(31) 2013009610	H04N 13/106
H04N 5/345	(32) 22.01.2013	H04N 13/261
H04N 5/353	(33) Japan	(11) EP2537346
(11) EP2103102	(51) H04N 7/01	(21) EP10709087.0
(21) EP07822123.1	(11) EP2299703	(47) 23.01.2019
(47) 23.01.2019	(21) EP10177851.2	(87) US2010000480
(87) EP2007061776	(47) 23.01.2019	25.08.2011
08.05.2008	(22) 21.09.2010	(22) 19.02.2010
(22) 31.10.2007	(54) SYSTEM AND METHOD FOR PRODUCING HIGH DEFINITION VIDEO FROM LOW DEFINITION VIDEO	(54) STEREO LOGO INSERTION
(54) METHOD FOR THE OPERATION OF A PHOTOELECTRIC SENSOR ARRAY	(73) Samsung Electronics Co., Ltd.	(73) InterDigital Madison Patent Holdings
(73) Leopold Kostal GmbH & Co. KG	(72) CHO, Yang Ho	(72) BOYCE, Jill, MacDonald
(72) BLÄSING, Frank	PARK, Du-Sik	RAMASWAMY, Kumar
(31) 102006052059	LEE, Ho Young	LLACH, Joan
(32) 04.11.2006	HWANG, Kyo Young	(51) H04N 17/00
(33) Germany	(31) 20090089503	H04L 29/06
(51) H04N 5/3745	(32) 22.09.2009	H04N 21/2343
H01L 27/14	(33) Korea (Republic)	(11) EP3073736
H01L 27/146	(51) H04N 7/14	(21) EP13899566.7
H04N 5/32	H04L 29/02	(47) 30.01.2019
H04N 5/378	H04L 29/06	(87) CN2013089975
H04N 5/357	H04L 29/08	25.06.2015
(11) EP2667591	(11) EP2740265	(22) 19.12.2013
(21) EP11856525.8	(21) EP11870495.6	(54) METHOD AND DEVICE FOR MEASURING QUALITY OF EXPERIENCE OF MOBILE VIDEO SERVICE
(47) 23.01.2019	(47) 23.01.2019	(73) Huawei Technologies Co., Ltd.
(87) JP2011079537	(87) US2011067416	(72) DENG, Xiaolin
26.07.2012	07.02.2013	HAN, Guanglin
(22) 20.12.2011	(22) 27.12.2011	FEI, Zesong
(54) SOLID IMAGING DEVICE	(54) SYSTEM AND METHOD FOR ADAPTING VIDEO COMMUNICATIONS	BAI, Wei
(73) Hamamatsu Photonics K.K.	(73) Intel Corporation	(51) H04N 19/105
(72) FUJITA, Kazuki	(72) OYMAN, Ozgur	(11) EP3310051
KYUSHIMA, Ryuji	(31) 201161514010 P	(21) EP17199509.5
MORI, Harumichi	(32) 01.08.2011	(47) 23.01.2019
(31) 2011007019	(33) United States of America	(22) 06.11.2002
(32) 17.01.2011	(51) H04N 7/18	(54) MOVING PICTURE CODING METHOD AND MOVING PICTURE DECODING METHOD
(33) Japan	A61B 1/00	(73) Panasonic Intellectual Property Corporation of America
(51) H04N 5/378	(11) EP2868100	(72) KONDO, Satoshi
H04N 5/355	(21) EP13810537.4	KADONO, Shinya
H04N 5/235	(47) 30.01.2019	HAGAI, Makoto
(11) EP2037668	(87) IL2013050550	(31) 2001340698
(21) EP08252987.6	03.01.2014	2001373311
(47) 23.01.2019	(22) 27.06.2013	2001388466
(22) 10.09.2008	(54) SYSTEM AND METHOD FOR DISPLAYING AN IMAGE STREAM	2002012117
(54) Image sensor apparatus and method for improved dynamic range with multiple readout circuit paths	(73) Given Imaging Ltd.	2002118598
(73) OmniVision Technologies, Inc.	(72) KRUPNIK, Hagai	(32) 06.11.2001
(72) Dai, Tiejun	(31) 201261666142 P	
(31) 856014	(32) 29.06.2012	
(32) 14.09.2007		
(33) United States of America		
(51) H04N 5/74		

06.12.2001	(47) 30.01.2019	(72) WITTMANN, Steffen
20.12.2001	(22) 26.02.2003	DRUGEON, Virginie
21.01.2002	(54) MOVING PICTURE CODING METHOD	NARROSCHKE, Matthias
19.04.2002	AND MOVING PICTURE DECODING	WEDI, Thomas
(33) Japan	METHOD	(31) 327929 P
Japan	(73) Panasonic Intellectual Property Corporation	(32) 26.04.2010
Japan	of America	(33) United States of America
Japan	(72) KONDO, Satoshi	<hr/>
Japan	KADONO, Shinya	(51) H04N 19/117
<hr/>	HAGAI, Makoto	H04N 19/176
(51) H04N 19/105	ABE, Kiyofumi	H04N 19/82
(11) EP3310049	(31) 2002056919	H04N 19/593
(21) EP17199503.8	2002118598	H04N 19/182
(47) 30.01.2019	2002193027	H04N 19/46
(22) 06.11.2002	(32) 04.03.2002	H04N 19/157
(54) MOVING PICTURE CODING METHOD	19.04.2002	(11) EP3051815
AND MOVING PICTURE DECODING	02.07.2002	(21) EP16160964.9
METHOD	(33) Japan	(47) 30.01.2019
(73) Panasonic Intellectual Property Corporation	Japan	(22) 29.07.2011
of America	Japan	(54) APPARATUS FOR DECODING AN
(72) KONDO, Satoshi	<hr/>	IMAGE
KADONO, Shinya	(51) H04N 19/105	(73) M&K Holdings Inc.
HAGAI, Makoto	H04N 19/52	(72) Oh, Soo Mi
(31) 2001340698	H04N 19/139	Yang, Moonock
2001373311	H04N 19/176	(31) 20100074460
2001388466	H04N 19/513	20110063288
2002012117	H04N 19/43	(32) 31.07.2010
2002118598	(11) EP3099070	28.06.2011
(32) 06.11.2001	(21) EP16175112.8	(33) Korea (Republic)
06.12.2001	(47) 30.01.2019	Korea (Republic)
20.12.2001	(22) 08.03.2012	<hr/>
21.01.2002	(54) VIDEO ENCODING AND DECODING	(51) H04N 19/156
19.04.2002	(73) Canon Kabushiki Kaisha	G09G 5/00
(33) Japan	(72) LAROCHE, Guillaume	G09G 5/14
Japan	ONNO, Patrice	G09G 5/377
Japan	(31) 201104033	H04H 20/86
Japan	(32) 09.03.2011	H04N 5/44
Japan	(33) United Kingdom	(11) EP2232858
<hr/>	(51) H04N 19/114	(21) EP08861110.8
(51) H04N 19/105	H04N 19/137	(47) 23.01.2019
(11) EP3310050	H04N 19/146	(87) US2008084975
(21) EP17199506.1	H04N 19/177	25.06.2009
(47) 30.01.2019	(11) EP3376766	(22) 26.11.2008
(22) 06.11.2002	(21) EP17160703.9	(54) CHANGING VISUAL CONTENT
(54) MOVING PICTURE CODING METHOD	(47) 30.01.2019	COMMUNICATION
AND MOVING PICTURE DECODING	(22) 14.03.2017	(73) Microsoft Technology Licensing, LLC
METHOD	(54) METHOD AND ENCODER SYSTEM	(72) MAHAJAN, Rajneesh
(73) Panasonic Intellectual Property Corporation	FOR DETERMINING GOP LENGTH FOR	STOYANOV, Vladimir
of America	ENCODING VIDEO	DVORAK, Casey
(72) KONDO, Satoshi	(73) Axis AB	(31) 957321
KADONO, Shinya	(72) EDPALM, Viktor	(32) 14.12.2007
HAGAI, Makoto	DANIELSSON FAN, Xing	(33) United States of America
(31) 2001340698	<hr/>	(51) H04N 21/2187
2001373311	(51) H04N 19/117	H04N 21/4788
2001388466	H04N 19/14	H04N 21/61
2002012117	H04N 19/176	(11) EP3170310
2002118598	H04N 19/182	(21) EP15745167.5
(32) 06.11.2001	H04N 19/50	(47) 30.01.2019
06.12.2001	H04N 19/593	(87) EP2015066255
20.12.2001	H04N 19/80	21.01.2016
21.01.2002	H04N 19/82	(22) 16.07.2015
19.04.2002	(11) EP3288265	(54) SYSTEM AND METHOD FOR
(33) Japan	(21) EP17193377.3	STREAMING REAL-TIME VIDEO FROM
Japan	(47) 23.01.2019	MOBILE DEVICE TO SET-TOP-BOX
Japan	(22) 26.04.2011	CONNECTED WITH IPTV SERVER
Japan	(54) FILTERING MODE FOR INTRA	(73) Vodafone IP Licensing Limited
Japan	PREDICTION INFERRED FROM	(72) NUNO MOTA CONSTANTINO, Duarte
<hr/>	STATISTICS OF SURROUNDING	ISABEL MOREIRA MONTEIRO, Sílvia
(51) H04N 19/105	BLOCKS	MANUEL DA SILVA MARGATO, António
(11) EP3253057	(73) Sun Patent Trust	
(21) EP17177672.7		

MELO QUEIROZ DE AZEVEDO	28.06.2007	(51) H04N 21/4143
DUARTE, Pedro	(22) 20.10.2006	H04L 29/08
(31) 105724414	(54) METHOD AND APPARATUS FOR	G06F 3/16
105723814	ADAPTIVE ENCODING OF REAL-	G11B 20/10
(32) 16.07.2014	TIME INFORMATION IN WIRELESS	H04N 21/43
16.07.2014	NETWORKS	H04N 21/44
(33) Portugal	(73) QUALCOMM Incorporated	H04N 21/81
Portugal	(72) TINNAKORN SRISUPHAP, Peerapol	(11) EP1769639
(51) H04N 21/2383	LOTT, Christopher G.	(21) EP05758075.5
H04H 20/59	SU, Guan-Ming	(47) 30.01.2019
H04H 20/95	(31) 729017 P	(87) US2005020139
H04N 21/235	315399	19.01.2006
H04N 21/442	(32) 21.10.2005	(22) 08.06.2005
(11) EP3169074	21.12.2005	(54) PROVIDING SYNCHRONIZED
(21) EP15819337.5	(33) United States of America	INFORMATION TO MULTIPLE DEVICES
(47) 23.01.2019	United States of America	(73) Apple Inc.
(87) JP2015068449	(51) H04N 21/24	(72) MOORE, Jeffrey C.
14.01.2016	H04N 21/41	STEWART, William G.
(22) 26.06.2015	H04N 21/414	LENGELING, Gerhard H.
(54) TRANSMISSION DEVICE,	H04N 21/462	(31) 877762
TRANSMISSION METHOD, RECEIVING	H04N 21/45	(32) 25.06.2004
DEVICE AND RECEIVING METHOD	H04N 21/258	(33) United States of America
(73) Sony Corporation	H04N 21/436	(51) H04N 21/418
(72) MICHAEL, Lachlan Bruce	H04N 21/4363	H04N 21/442
OKAMOTO, Takuya	(11) EP3216223	H04N 21/4623
(31) 2014140695	(21) EP15788510.4	H04N 21/266
(32) 08.07.2014	(47) 23.01.2019	H04N 21/835
(33) Japan	(87) US2015055676	H04N 21/2389
(51) H04N 21/2383	12.05.2016	H04N 21/4385
H04N 21/236	(22) 15.10.2015	(11) EP2724528
H04N 21/2381	(54) COLLABORATIVE DISTRIBUTED/	(21) EP11868319.2
H04L 5/00	UNSTRUCTURED SERVICE	(47) 23.01.2019
H04L 27/26	MANAGEMENT FRAMEWORK FOR	(87) US2011042182
H04L 29/06	WIRELESS-DISPLAY PLATFORM	27.12.2012
H04L 1/00	(73) Qualcomm Incorporated	(22) 28.06.2011
H04L 1/08	(72) RABII, Khosro Mohammad	(54) ANTI-SPLITTER VIOLATION
H04W 4/06	SUBRAMANIAM, Vijay	CONDITIONAL KEY CHANGE
(11) EP3069516	SHAUKAT, Fawad	(73) Nagrastar, LLC
(21) EP14861249.2	BALASUBRAMANYAM, Shivakumar	(72) DUVAL, Gregory
(47) 30.01.2019	(31) 201414535582	BUSCH, Michael
(87) KR2014010914	(32) 07.11.2014	(31) 201113166508
21.05.2015	(33) United States of America	(32) 22.06.2011
(22) 13.11.2014	(51) H04N 21/258	(33) United States of America
(54) APPARATUS FOR TRANSMITTING	H04N 21/442	(51) H04N 21/4227
BROADCAST SIGNALS, APPARATUS	H04N 21/4623	G10L 15/32
FOR RECEIVING BROADCAST SIGNALS	H04N 21/4627	(11) EP3160151
AND METHOD FOR TRANSMITTING	H04N 21/61	(21) EP14895263.3
BROADCAST SIGNALS	H04N 21/45	(47) 30.01.2019
(73) LG Electronics Inc.	H04N 21/418	(87) KR2014006111
(72) HWANG, Jaeho	H04N 21/6334	23.12.2015
HONG, Sungryong	H04N 21/488	(22) 08.07.2014
KO, Woosuk	H04N 21/254	(54) VIDEO DISPLAY DEVICE AND
(31) 201361903400 P	H04N 21/6543	OPERATION METHOD THEREFOR
201361908169 P	H04N 21/658	(73) LG Electronics Inc.
(32) 13.11.2013	(11) EP2890137	(72) HEO, Seunghyun
24.11.2013	(21) EP14198736.2	(31) 20140073438
(33) United States of America	(47) 30.01.2019	(32) 17.06.2014
United States of America	(22) 18.12.2014	(33) Korea (Republic)
(51) H04N 21/24	(54) Television receiver and related method and	(51) H04N 21/431
H04N 21/2662	computer program	H04N 21/482
H04N 21/6377	(73) EchoStar Technologies L.L.C.	H04N 21/462
H04N 21/2383	(72) Swenson, Erik Joseph	(11) EP2579607
H04N 21/414	(31) 201361921925 P	(21) EP12186785.7
H04N 21/658	201414532398	(47) 23.01.2019
(11) EP1938610	(32) 30.12.2013	(22) 01.10.2012
(21) EP06848735.4	04.11.2014	(54) Search and display techniques for an
(47) 23.01.2019	(33) United States of America	electronic programming guide
(87) US2006060139	United States of America	(73) EchoStar Technologies L.L.C.

(72) Mountain, Dale	LIPFERT, Hermann	(32) 20.02.2013
(31) 201113251770	(31) TO20131003	19.07.2013
(32) 03.10.2011	(32) 06.12.2013	24.09.2013
(33) United States of America	(33) Italy	(33) United States of America
(51) H04N 21/435	(51) H04N 21/83	United States of America
H04N 21/236	G06T 1/00	United States of America
H04N 21/431	(11) EP2458890	(51) H04R 1/10
H04N 21/44	(21) EP11179945.8	G10K 11/178
H04N 21/84	(47) 23.01.2019	H04R 1/08
(11) EP3062523	(22) 02.09.2011	(11) EP3128760
(21) EP14856190.5	(54) METHOD TO TRACE VIDEO CONTENT	(21) EP16182989.0
(47) 30.01.2019	PROCESSED BY A DECODER	(47) 23.01.2019
(87) JP2014077350	(73) Nagravision S.A.	(22) 05.08.2016
30.04.2015	(72) Sarda, Pierre	(54) NOISE-CANCELLING HEADPHONE
(22) 14.10.2014	Tran, Minh Son	(73) Kabushiki Kaisha Audio-Technica
(54) DISPLAY PROCESSING DEVICE,	Le Buhan, Corinne	(72) OTSUKA, Koji
DISTRIBUTION DEVICE, AND	(31) 417523 P	SHIMAZAKI, Yumi
METADATA	(32) 29.11.2010	ANDO, Kozo
(73) Sharp Kabushiki Kaisha	(33) United States of America	(31) 2015156533
(72) WATANABE, Shuhichi	(51) H04Q 1/06	(32) 07.08.2015
TOKUMO, Yasuaki	(11) EP3334176	(33) Japan
IWANAMI, Takuya	(21) EP17197700.2	(51) H04R 3/12
(31) 2013219535	(47) 30.01.2019	H04M 9/08
2014061379	(22) 23.10.2017	(11) EP2772070
2014135752	(54) CABLE GUIDE FOR DISTRIBUTION	(21) EP12814042.3
(32) 22.10.2013	FIELD AND DISTRIBUTION FIELD	(47) 23.01.2019
25.03.2014	WITH CABLE GUIDE	(87) US2012068649
01.07.2014	(73) MCQ TECH GmbH	13.06.2013
(33) Japan	(72) Sticker, Rolf	(22) 08.12.2012
Japan	Lindner, Felix	(54) PROCESSING AUDIO SIGNALS
Japan	(31) 102016123912	(73) Skype
(51) H04N 21/4788	(32) 09.12.2016	(72) SORENSEN, Karsten Vandborg
G06F 3/0488	(33) Germany	(31) 201121147
H04N 21/41	(51) H04Q 3/00	201113341610
H04N 21/422	H04R 3/00	(32) 08.12.2011
G06F 3/0482	H04R 5/04	30.12.2011
H04M 1/725	H03F 3/68	(33) United Kingdom
(11) EP3119066	H03F 3/185	United States of America
(21) EP16179198.3	(11) EP3253067	(51) H04R 9/04
(47) 30.01.2019	(21) EP15884254.2	H04R 9/06
(22) 13.07.2016	(47) 30.01.2019	G10K 11/178
(54) OPERATION METHOD OF ELECTRONIC	(87) CN2015074006	H04R 7/06
DEVICE AND THE ELECTRONIC	15.09.2016	H04R 9/02
DEVICE	(22) 11.03.2015	H04R 1/10
(73) Samsung Electronics Co., Ltd.	(54) TERMINAL DEVICE, AND SIGNAL	H04R 1/00
(72) CHOI, Ha-Young	TRANSMISSION METHOD AND DEVICE	(11) EP3166335
KIM, Nan-Sook	(73) Huawei Technologies Co., Ltd.	(21) EP15815567.1
KIM, Heang-Su	(72) LEE, Fangching	(47) 30.01.2019
(31) 20150099920	REN, Yanhui	(87) JP2015068952
(32) 14.07.2015	CHEN, Fushun	07.01.2016
(33) Korea (Republic)	(51) H04Q 9/00	(22) 01.07.2015
(51) H04N 21/61	G06F 13/00	(54) SPEAKER DEVICE
H04H 20/72	(11) EP2961189	(73) Clarion Co., Ltd.
H04H 60/07	(21) EP13874862.9	(72) SAKANE, Keita
H04H 60/91	(47) 30.01.2019	(31) 2014136653
H04L 27/26	(87) JP2013006466	(32) 02.07.2014
H04N 21/438	28.08.2014	(33) Japan
(11) EP3078205	(22) 31.10.2013	(51) H04S 1/00
(21) EP14803145.3	(54) METHODE FOR CONTROLLING	G10L 19/00
(47) 30.01.2019	INFORMATION APPARATUS AND	H04S 5/02
(87) EP2014075862	PROGRAM	(11) EP3016412
11.06.2015	(73) Panasonic Intellectual Property Corporation	(21) EP14818103.5
(22) 27.11.2014	of America	(47) 30.01.2019
(54) OFDM BASED BROADCAST	(72) SASAKI, Takamitsu	(87) JP2014066222
COMMUNICATION SYSTEM	TAHARA, Kohei	31.12.2014
(73) Institut für Rundfunktechnik GmbH	(31) 201361766854 P	(22) 19.06.2014
(72) PETERSEN, Swen	201361856243 P	
KUNERT, Clemens	201361881585 P	

(54) PROPAGATION DELAY CORRECTION APPARATUS AND PROPAGATION DELAY CORRECTION METHOD	(47) 30.01.2019 (87) US2008087812 09.07.2009	(32) 30.10.2002 (33) United States of America
(73) Clarion Co., Ltd.	(22) 19.12.2008	(51) H04W 4/00 H04W 72/04
(72) HASHIMOTO, Takeshi WATANABE, Tetsuo FUJITA, Yasuhiro FUKUE, Kazutomoto	(54) COMMON WAVE AND SIDEBAND MITIGATION COMMUNICATION SYSTEMS AND METHODS FOR INCREASING COMMUNICATION SPEEDS, SPECTRAL EFFICIENCY AND ENABLING OTHER BENEFITS	(11) EP3085118 (21) EP14819209.9 (47) 30.01.2019 (87) US2014068561 25.06.2015
(31) 2013134808 (32) 27.06.2013 (33) Japan	(73) Falcon Nano, Inc. (72) HASTINGS, William HORN, James	(22) 04.12.2014 (54) OPPORTUNISTICALLY UTILIZING MEDIA RESOURCES (73) Qualcomm Incorporated (72) GE, Feng LI, Junyi PARK, Vincent Douglas
(51) H04S 7/00 (11) EP2161950 (21) EP09169687.2 (47) 23.01.2019 (22) 08.09.2009 (54) Configuring a sound field	(31) 15043 P (32) 19.12.2007 (33) United States of America	(31) 201314107178 (32) 16.12.2013 (33) United States of America
(73) Harman Becker Gépkocsirendszer Gyártó Korlátolt Felelősségű Társaság	(51) H04W 4/00 H04L 29/12	(51) H04W 4/00 H04W 72/04 H04W 72/08
(72) Fredsgaard, Lars Lydolf, Morten	(11) EP3278577 (21) EP16717031.5 (47) 30.01.2019 (87) US2016025526 06.10.2016	(11) EP2995019 (21) EP13884033.5 (47) 30.01.2019 (87) US2013075470 13.11.2014
(31) 200801258 200900336 200801317 (32) 08.09.2008 11.03.2009 22.09.2008 (33) Denmark Denmark Denmark	(22) 01.04.2016 (54) EFFICIENT NETWORK STACK FOR WIRELESS APPLICATION PROTOCOLS	(22) 16.12.2013 (54) SMALL DATA COMMUNICATIONS (73) Intel IP Corporation (72) VANNITHAMBY, Rath KOC, Ali GUPTA, Maruti JHA, Satish
(51) H04S 7/00 (11) EP3286932 (21) EP16721575.5 (47) 23.01.2019 (87) US2016028997 27.10.2016	(73) Google LLC (72) ERICKSON, Grant, Michael TURON, Martin, A. HUI, Jonathan, Wing-Yan	(31) 201361821635 P (32) 09.05.2013 (33) United States of America
(22) 22.04.2016 (54) PLAYBACK DEVICE CALIBRATION USER INTERFACES	(31) 201562141853 P (32) 02.04.2015 (33) United States of America	(51) H04W 4/00 H04W 4/18 H04L 29/08
(73) Sonos, Inc.	(11) EP2311276 (21) EP09804411.8 (47) 23.01.2019 (87) CA2009000619 11.02.2010	(31) 201361821635 P (32) 09.05.2013 (33) United States of America
(72) WILBERDING, Dayn SHEEN, Timothy	(22) 04.05.2009 (54) METHOD AND SYSTEM FOR AUTHORIZING MOBILE CONTENT FOR DELIVERY TO A MOBILE DEVICE	(51) H04W 4/02 (11) EP3046346 (21) EP14841708.2 (47) 30.01.2019 (87) CN2014088415 12.03.2015
(31) 201514696014 201514826856 (32) 24.04.2015 14.08.2015 (33) United States of America United States of America	(73) BlackBerry Limited (72) LEBLANC, Michael GLIDDEN, Jody O'REILLY, Jacob, Samuel HUDSON, David, James	(22) 11.10.2014 (54) CONTACT PROVIDING METHOD AND DEVICE BASED ON GEOGRAPHICAL POSITION INFORMATION (73) Baidu Online Network Technology (Beijing) Co., Ltd (72) OUYANG, Liping
(51) H04W 4/00 (11) EP3267699 (21) EP17162796.1 (47) 23.01.2019 (22) 24.03.2017	(31) 86181 P (32) 05.08.2008 (33) United States of America	(31) 201310407110 (32) 09.09.2013 (33) China
(54) METHOD FOR PERFORMING A REMOTE MANAGEMENT OF A MULTI-SUBSCRIPTION SIM MODULE AND CORRESPONDING SIM MODULE AND COMPUTER PROGRAM PRODUCT	(51) H04W 4/00 H04W 4/20 H04L 29/08	(51) H04W 4/02 H04M 1/725 H04W 88/02 G06F 3/0481 G06F 3/0346 G01C 21/36
(73) STMicroelectronics S.r.l.	(11) EP1557053 (21) EP03779182.9 (47) 23.01.2019 (87) US2003033543 21.05.2004	(11) EP2998705 (21) EP15162136.4 (47) 30.01.2019 (22) 01.04.2015
(72) VENEROSO, Amedeo (31) 201600069354 (32) 04.07.2016 (33) Italy	(54) SHARING CONTENT WITH A REMOTE DEVICE USING A WIRELESS NETWORK	(54) MOBILE TERMINAL AND CONTROL METHOD FOR THE MOBILE TERMINAL (73) LG Electronics Inc. (72) Park, Wooseong Kim, Daehwan
(51) H04W 4/00 H04L 27/34 H04L 27/18 (11) EP2235967 (21) EP08867278.7	(73) Sony Mobile Communications Inc. (72) DUNKO, Gregory, A. LOHR, Jonathan, C.	
	(31) 283631	

Choi, Changkeun Kang, Gwanggoo Jang, Taewon	(54) METHOD AND APPARATUS PERTAINING TO MULTIPLE-CALL PROCESSING	(54) SHARING OF PROXIMATE DISCOVERY ANNOUNCEMENTS IN A WIRELESS COMMUNICATIONS NETWORK
(31) 20140122872	(73) BlackBerry Limited	(73) Qualcomm Incorporated
(32) 16.09.2014	(72) Greisson, Erik	(72) VANDERVEEN, Michaela
(33) Korea (Republic)	(51) H04W 4/18	TSIRTSIS, Georgios
(51) H04W 4/08	H04M 3/00	(31) 201514620627
(11) EP2972865	H04W 8/18	(32) 12.02.2015
(21) EP14769067.1	H04M 1/725	(33) United States of America
(47) 30.01.2019	(11) EP3073718	(51) H04W 4/24
(87) US2014026304	(21) EP16158694.6	H04L 12/14
25.09.2014	(47) 30.01.2019	H04M 15/00
(22) 13.03.2014	(22) 04.03.2016	H04M 3/42
(54) USER EQUIPMENT GROUPING AND COMMON CONTROL SIGNALING TO USER EQUIPMENT GROUPS	(54) METHOD FOR THE INDIVIDUAL PREDICTION OF THE USE AND/ OR CUSTOMISATION OF THE USE OF A PERSONALIZED TELECOMMUNICATION TERMINAL	H04M 17/00
(73) Zte Wistron Telecom Ab	TO BE OPERATED BY A USER,	H04M 1/725
ZTE (TX) Inc.	TELECOMMUNICATION TERMINAL,	H04L 29/06
(72) SCHIER, Thorsten	COMPUTER PROGRAM AND A	H04W 12/08
SVEDMAN, Patrick	COMPUTER PROGRAM PRODUCT	H04W 88/02
CAO, Aijun	(73) Deutsche Telekom AG	(11) EP2283663
GAO, Yonghong	(72) Spanknebel, Frank R.	(21) EP09717509.5
JOHANSSON, Jan	Stepanek, Nicolas Walter	(47) 30.01.2019
HADJISKI, Bojidar	(31) 102015205661	(87) GB2009050211
(31) 201361794008 P	(32) 27.03.2015	11.09.2009
(32) 15.03.2013	(33) Germany	(22) 03.03.2009
(33) United States of America	(51) H04W 4/18	(54) METHODS AND SYSTEM FOR ENABLING PERSONALISED SHARED MOBILE PHONE USAGE
(51) H04W 4/12	H04W 4/16	(73) BlackBerry Limited
H04L 12/58	H04W 8/02	(72) WALLER, Nigel
H04M 1/725	H04W 4/24	(31) 214902
(11) EP1968289	H04W 88/18	(32) 04.03.2008
(21) EP07023363.0	H04M 15/24	(33) United States of America
(47) 30.01.2019	H04M 15/00	(51) H04W 4/46
(22) 03.12.2007	H04W 76/00	H04W 4/44
(54) Moving notification message via the SIM card	H04W 84/04	(11) EP3275221
(73) LG Electronics Inc.	H04W 92/02	(21) EP16722433.6
(72) Chang, Doo Yi	H04L 29/06	(47) 23.01.2019
(31) 20070021381	H04L 12/14	(87) US2016024337
(32) 05.03.2007	(11) EP2681936	06.10.2016
(33) Korea (Republic)	(21) EP12755236.2	(22) 25.03.2016
(51) H04W 4/14	(47) 23.01.2019	(54) POINT-TO-MULTIPOINT BROADCAST ASSISTED VEHICLE-TO-X BROADCAST
H04W 88/18	(87) US2012027598	(73) Qualcomm Incorporated
(11) EP2016780	13.09.2012	(72) WU, Xinzhou
(21) EP07759771.4	(22) 02.03.2012	HALL, Edward Robert
(47) 30.01.2019	(54) PACKET SWITCHED CORE NETWORK ARCHITECTURE FOR VOICE SERVICES	MISENER, James Alan
(87) US2007065580	ON SECOND-AND THIRD-GENERATION WIRELESS ACCESS NETWORKS	WANG, Jun
15.11.2007	(73) T-Mobile USA, Inc.	(31) 201562139200 P
(22) 30.03.2007	(72) TAPIA, Pablo	201562139157 P
(54) METHOD, SHORT MESSAGE SERVICE CENTER AND SYSTEM FOR DELIVERY OF SHORT MESSAGE SERVICE MESSAGES	JOUL, Christopher, Harvey	201615080443
(73) Google Technology Holdings LLC	(31) 201113041302	(32) 27.03.2015
(72) HORVATH, Robert	(32) 04.03.2011	27.03.2015
BILLINGS URBINA, Susan C.	(33) United States of America	24.03.2016
HART, Thomas B.	(51) H04W 4/20	(33) United States of America
(31) 380991	H04L 29/08	United States of America
(32) 01.05.2006	H04W 4/21	(51) H04W 4/70
(33) United States of America	H04W 88/04	H04W 4/24
(51) H04W 4/16	(11) EP3257277	(11) EP2693775
H04M 1/725	(21) EP16704313.2	(21) EP13179192.3
G06F 3/0488	(47) 23.01.2019	(47) 23.01.2019
H04M 3/428	(87) US2016015007	(22) 02.08.2013
(11) EP3267705	18.08.2016	(54) System and method for providing detection of signaling-only engagements in a telecommunication network
(21) EP17186856.5	(22) 27.01.2016	(73) Openet Telecom Ltd.
(47) 23.01.2019		(72) Lehane, Bart
(22) 27.02.2012		(31) 201261678711 P

(32) 02.08.2012	H04L 29/06	(54) MOBILE PHONE AND DATA
(33) United States of America	H04L 9/08	PROCESSING METHOD THEREFOR
(51) H04W 4/70	H04W 88/02	(73) Huizhou TCL Mobile Communication Co., Ltd.
H04W 60/04	(11) EP3177053	(72) ZHENG, Yu
(11) EP3062544	(21) EP16201187.8	DING, Yang
(21) EP14797721.9	(47) 30.01.2019	(31) 201110057747
(47) 30.01.2019	(22) 29.11.2016	(32) 10.03.2011
(87) CN2014077673	(54) DEVICE AND METHOD OF HANDLING DATA TRANSMISSION/RECEPTION FOR DUAL CONNECTIVITY	(33) China
20.11.2014		
(22) 16.05.2014	(73) HTC Corporation	(51) H04W 16/14
(54) METHOD, NODE AND SYSTEM FOR MANAGING RESOURCES OF MACHINE TYPE COMMUNICATION APPLICATION	(72) Wu, Chih-Hsiang	H04W 40/20
	(31) 201562261318 P	H04W 72/04
(73) ZTE Corporation	201615362747	(11) EP2510719
(72) WU, Hao	(32) 01.12.2015	(21) EP10835542.1
(31) 201310611319	28.11.2016	(47) 23.01.2019
(32) 26.11.2013	(33) United States of America	(87) FI2010050873
(33) China	United States of America	16.06.2011
		(22) 02.11.2010
(51) H04W 8/00	(51) H04W 12/06	(54) AN APPARATUS AND METHODS FOR PROVIDING MOBILE DEVICES WITH INFORMATION ABOUT AVAILABLE COMMUNICATION CHANNELS WHEN TRAVELLING ALONG A GEOGRAPHIC PATH
(11) EP3122086	H04L 29/06	(73) Nokia Technologies Oy
(21) EP15765707.3	H04W 4/00	(72) UUSITALO, Mikko
(47) 23.01.2019	G06F 21/32	AHTIAINEN, Ari
(87) JP2015058075	H04L 9/32	RANTALAINEN, Timo
24.09.2015	H04W 4/80	RINNE-RAHKOLA, Pasi
(22) 18.03.2015	(11) EP2938112	(31) 636640
(54) COMMUNICATION CONTROL METHOD AND TERMINAL DEVICE FOR UPDATING A PROSE APPLICATION CODE	(21) EP15001120.3	(32) 11.12.2009
	(47) 30.01.2019	(33) United States of America
(73) Sharp Kabushiki Kaisha	(22) 16.04.2015	
(72) ENOMOTO Masayuki	(54) PORTABLE AUTHORIZATION DEVICE	(51) H04W 16/18
ARAMOTO Masafumi	(73) NXP B.V.	H04W 16/16
	(72) Chen, Xuemin	H04W 88/18
(31) 2014054952	Kellerman, Marcus	H04W 24/02
(32) 18.03.2014	Hulvey, Robert	H04W 16/32
(33) Japan	Walley, John	H04W 84/04
(51) H04W 8/20	(31) 201461982813 P	(11) EP2629562
H04W 4/50	201414543843	(21) EP11832626.3
H04W 12/04	(32) 22.04.2014	(47) 23.01.2019
H04W 12/02	17.11.2014	(87) JP2011073696
(11) EP3277001	(33) United States of America	19.04.2012
(21) EP16182112.9	United States of America	(22) 14.10.2011
(47) 23.01.2019	(51) H04W 12/06	(54) MANAGEMENT SYSTEM, METHOD, AND DEVICE FOR MOBILE COMMUNICATION SYSTEM
(22) 29.07.2016	H04M 1/725	(73) NEC Corporation
(54) SMDP SERVER AND COMMUNICATION DEVICE WITH ESIM CIRCUIT	H04W 88/02	(72) HARA, Yutaka
	H04L 29/06	OHASHI, Kazunori
(73) Deutsche Telekom AG	(11) EP1225778	KOJIMA, Masahiko
(72) Sonntag, Dr. Thomas	(21) EP01660239.3	(31) 2010231292
(51) H04W 8/22	(47) 23.01.2019	(32) 14.10.2010
H04L 12/803	(22) 19.12.2001	(33) Japan
H04W 28/02	(54) Wireless repeater using identification of call originator	(51) H04W 16/18
H04L 12/835	(73) Nokia Technologies Oy	H04W 24/02
(11) EP3063969	(72) Koponen, Pekka	(11) EP2793499
(21) EP15733312.1	Salokannel, Juha	(21) EP12857687.3
(47) 30.01.2019	Leinonen, Jarno	(47) 23.01.2019
(87) CN2015073503	(31) 20002899	(87) JP2012081923
09.07.2015	(32) 29.12.2000	20.06.2013
(22) 02.03.2015	(33) Finland	(22) 10.12.2012
(54) SYSTEM AND METHOD FOR TRAFFIC ENGINEERING USING LINK BUFFER STATUS	(51) H04W 12/06	(54) WIRELESS PARAMETER CONTROL SYSTEM, WIRELESS PARAMETER CONTROL DEVICE, WIRELESS BASE STATION, WIRELESS PARAMETER CONTROL METHOD AND PROGRAM
	H04W 12/08	(73) NEC Corporation
(73) Huawei Technologies Co., Ltd.	H04W 8/18	
(72) FARMANBAR, Hamidreza	H04M 1/2745	
ZHANG, Hang	H04B 1/3816	
(31) 201414146482	(11) EP2685780	
(32) 02.01.2014	(21) EP11860589.8	
(33) United States of America	(47) 23.01.2019	
(51) H04W 12/04	(87) CN2011083607	
	13.09.2012	
	(22) 07.12.2011	

- (72) KOBAYASHI, Kosei
SUGAHARA, Hiroto
(31) 2011271828
(32) 13.12.2011
(33) Japan
-
- (51) H04W 16/24
H04W 88/08
(11) EP3002969
(21) EP14816916.2
(47) 30.01.2019
(87) CN2014072556
31.12.2014
(22) 26.02.2014
(54) COMMUNICATION METHOD AND
DEVICE
(73) Huawei Technologies Co., Ltd.
(72) DONG, Wei
(31) 201310260403
(32) 26.06.2013
(33) China
-
- (51) H04W 16/28
(11) EP2654334
(21) EP12171493.5
(47) 23.01.2019
(22) 11.06.2012
(54) Phased array antenna and assignment method
(73) Raytheon Company
(72) Noble, William B.
Schoonover, Jr. Walter F.
Stephan, Larisa Angelique Natalya
Skora, James
(31) 201213451107
(32) 19.04.2012
(33) United States of America
-
- (51) H04W 16/32
H04W 88/08
(11) EP3257289
(21) EP15703582.5
(47) 30.01.2019
(87) EP2015052671
18.08.2016
(22) 10.02.2015
(54) COMBINING UPLINK RADIO SIGNALS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) AUER, Gunther
CHEN, Tsao-Tsen
FRENNE, Mattias
KRONESTEDT, Frecric
-
- (51) H04W 24/02
H04W 36/00
(11) EP3216268
(21) EP14796473.8
(47) 30.01.2019
(87) EP2014073883
12.05.2016
(22) 06.11.2014
(54) MODIFICATION OF HANDOVER
PARAMETERS OF A SECONDARY CELL
FOR DUAL CONNECTIVITY
(73) Nokia Solutions and Networks Oy
(72) CHIBA, Tsunehiko
SELVAGANAPATHY, Srinivasan
-
- (51) H04W 24/04
H04W 36/00
H04W 76/19
(11) EP2874460
(21) EP12882491.9
- (47) 23.01.2019
(87) CN2012079403
06.02.2014
(22) 31.07.2012
(54) METHOD AND DEVICE FOR
RECOVERING LINK FAILURE
(73) Huawei Technologies Co., Ltd.
(72) ZHANG, Tao
LIN, Bo
-
- (51) H04W 24/04
H04W 76/25
H04W 88/16
(11) EP2702793
(21) EP12718643.5
(47) 23.01.2019
(87) EP2012057831
01.11.2012
(22) 27.04.2012
(54) MOBILE TERMINATED CALL
IMPROVEMENTS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) WANG, Chunbo
YANG, Yong
(31) 201161480453 P
(32) 29.04.2011
(33) United States of America
-
- (51) H04W 24/06
H04W 16/18
G08G 1/09
G05D 1/02
(11) EP3188515
(21) EP15836772.2
(47) 23.01.2019
(87) JP2015062250
03.03.2016
(22) 22.04.2015
(54) WIRELESS SYSTEM AND OPERATION
MANAGEMENT SERVER
(73) Hitachi Construction Machinery Co., Ltd.
(72) YAMASAKI Ryota
YAMADA Tsutomu
HAMADA Tomoyuki
(31) 2014170833
(32) 25.08.2014
(33) Japan
-
- (51) H04W 24/08
H04L 29/06
H04W 84/12
(11) EP3254490
(21) EP15816600.9
(47) 30.01.2019
(87) US2015063317
11.08.2016
(22) 02.12.2015
(54) UNIFIED SERVICE DISCOVERY
WITH PEER-ASSISTED RESOURCE
MANAGEMENT FOR SERVICE
MEDIATION AND ADDRESSING
CONTROL IN WIFI-MIRACAST
(73) Qualcomm Incorporated
(72) RABII, Khosro Mohammed
SUBRAMANIAM, Vijay Naicker
KAFLE, Padam Lal
SHAUKAT, Fawad
BALASUBRAMANYAM, Shivakumar
PRAVEENKUMAR, Sanigepalli
(31) 201562112574 P
201514799851
- (32) 05.02.2015
15.07.2015
(33) United States of America
United States of America
-
- (51) H04W 24/10
H04L 5/00
H04L 1/00
(11) EP3197203
(21) EP17159089.6
(47) 23.01.2019
(22) 03.03.2010
(54) METHOD AND APPARATUS FOR
REPORTING CHANNEL STATE IN
MULTI-CARRIER SYSTEM
(73) LG Electronics Inc.
(72) KIM, So Yeon
CHUNG, Jae Hoon
KWON, Yeong Hyeon
KO, Hyunsoo
(31) 157539 P
(32) 04.03.2009
(33) United States of America
-
- (51) H04W 28/02
H04W 4/06
H04W 4/08
(11) EP3188517
(21) EP15827932.3
(47) 30.01.2019
(87) CN2015072811
04.02.2016
(22) 11.02.2015
(54) MBMS BEARER-BASED METHOD
AND SYSTEM FOR REPORTING
CONGESTION STATE IN CLUSTER
COMMUNICATION AND STORAGE
MEDIUM
(73) ZTE Corporation
(72) XU, Hui
LIU, Hongjun
MA, Zijiang
WANG, Yaying
LU, Chen
(31) 201410373211
(32) 31.07.2014
(33) China
-
- (51) H04W 28/02
H04W 28/08
(11) EP3072325
(21) EP14803301.2
(47) 30.01.2019
(87) US2014064652
28.05.2015
(22) 07.11.2014
(54) METHOD AND APPARATUS FOR
USING A LOCAL AREA NETWORK TO
OFFLOAD DEMAND OF A WIDE AREA
NETWORK
(73) AT&T Intellectual Property I, L.P.
(72) TIPTON, Rick
AUSTIN, Mark
(31) 201314085062
(32) 20.11.2013
(33) United States of America
-
- (51) H04W 28/06
H04L 29/06
H04W 72/04
H04W 80/02
(11) EP2151112

(21) EP08736556.5	(73) Nokia Technologies Oy	14.01.2013
(47) 23.01.2019	(72) ZEXIAN, Li	(33) China
(87) EP2008055028	PICHNA, Roman	China
06.11.2008	VESTERINEN, Seppo	<hr/>
(22) 24.04.2008	(31) 877487 P	(51) H04W 36/00
(54) METHODS, BASE STATION, REMOTE	701593	H04W 28/18
STATION AND SYSTEM FOR HIGH	(32) 28.12.2006	H04W 72/04
SPEED DOWNLINK PACKET ACCESS	02.02.2007	H04W 72/00
(HSDPA) COMMUNICATIONS	(33) United States of America	H04W 84/12
(73) Cisco Technology, Inc.	United States of America	(11) EP1985069
(72) LEGG, Peter	<hr/>	(21) EP07751309.1
(31) 796181	(51) H04W 36/00	(47) 30.01.2019
(32) 27.04.2007	H04L 1/20	(87) US2007004539
(33) United States of America	H04W 24/10	30.08.2007
<hr/>	H04L 1/18	(22) 20.02.2007
(51) H04W 28/08	H04L 5/00	(54) TECHNIQUES FOR 40 MEGAHERTZ
H04L 12/26	H04L 1/00	(MHZ) CHANNEL SWITCHING
H04L 12/841	(11) EP3171634	(73) Intel Corporation
H04L 29/08	(21) EP17151090.2	(72) TRAININ, Solomon
H04L 12/801	(47) 23.01.2019	STEPHENS, Adrian
(11) EP3295749	(22) 09.11.2009	(31) 775135 P
(21) EP16722655.4	(54) EVALUATION OF MEASUREMENT	647018
(47) 23.01.2019	EVENTS IN A SYSTEM USING CARRIER	(32) 18.02.2006
(87) EP2016060705	AGGREGATION	27.12.2006
17.11.2016	(73) Sharp Kabushiki Kaisha	(33) United States of America
(22) 12.05.2016	(72) YAMADA, Shohei	United States of America
(54) METHOD FOR CONTROLLING	UEMURA, Katsunari	<hr/>
TRANSMISSION OF DATA	KATO, Yasuyuki	(51) H04W 36/00
(73) Telefonaktiebolaget LM Ericsson (PUBL)	NAKASHIMA, Daiichiro	H04W 36/08
(72) KARAKI, Reem	OH, Waho	(11) EP3077906
DUDDA, Torsten	(31) 2008332144	(21) EP14868395.6
ZHANG, Hanzhi	(32) 26.12.2008	(47) 30.01.2019
WIGREN, Torbjörn	(33) Japan	(87) SE2014050913
MÄÄTTANEN, Helka-Liina	<hr/>	11.06.2015
WAGER, Stefan	(51) H04W 36/00	(22) 04.08.2014
(31) 201562160745 P	H04L 5/00	(54) A FIRST SERVICE NETWORK NODE,
(32) 13.05.2015	H04W 24/10	A SECOND SERVICE NETWORK
(33) United States of America	H04W 72/04	NODE AND METHODS RELATING TO
<hr/>	(11) EP3105984	HANDLING OF A SERVICE SESSION
(51) H04W 28/08	(21) EP14741993.1	(73) Telefonaktiebolaget LM Ericsson (publ)
H04W 48/18	(47) 30.01.2019	(72) YADHAV, Vinay
H04W 76/10	(87) SE2014050781	WESTBERG, Lars
H04W 28/18	20.08.2015	(31) 201361910996 P
(11) EP3096554	(22) 24.06.2014	(32) 03.12.2013
(21) EP16156699.7	(54) METHODS, NETWORK NODE	(33) United States of America
(47) 23.01.2019	AND WIRELESS DEVICE FOR	<hr/>
(22) 27.05.2011	MANAGING OPERATIONAL BEHAVIOR	(51) H04W 36/00
(54) SYSTEM FOR IMPLEMENTING	OF WIRELESS DEVICE AFTER	H04W 76/23
MULTIPLE RADIO ACCESS NETWORKS	MEASUREMENT GAP	H04W 24/08
(RANS) CONVERGENCE AND METHOD	(73) Telefonaktiebolaget LM Ericsson (publ)	H04W 76/10
THEREOF	(72) KAZMI, Muhammad	H04W 76/28
(73) Huawei Technologies Co., Ltd.	AXMON, Joakim	H04W 76/14
(72) LI, Bingzhao	(31) 201461939776 P	H04W 8/00
CHEN, Yanyan	(32) 14.02.2014	H04W 60/04
LV, Chunchun	(33) United States of America	H04W 24/10
CHEN, Qucai	<hr/>	H04W 76/11
(31) 201010246658	(51) H04W 36/00	(11) EP2875666
(32) 26.07.2010	H04L 29/06	(21) EP13820196.7
(33) China	(11) EP2925053	(47) 30.01.2019
<hr/>	(21) EP13864289.7	(87) KR2013006532
(51) H04W 36/00	(47) 30.01.2019	23.01.2014
(11) EP2116095	(87) CN2013082021	(22) 22.07.2013
(21) EP07859083.3	26.06.2014	(54) METHOD AND APPARATUS FOR
(47) 23.01.2019	(22) 22.08.2013	INFORMATION ON INTERFERENCE
(87) IB2007003958	(54) CALL SWITCHING METHOD, DEVICE	FOR DEVICE-TO-DEVICE CONNECTION
10.07.2008	AND SYSTEM	IN WIRELESS COMMUNICATION
(22) 17.12.2007	(73) Huawei Technologies Co., Ltd.	SYSTEM
(54) APPARATUS, METHOD AND	(72) XIA, Muqiang	(73) LG Electronics Inc.
COMPUTER PROGRAM PRODUCT	(31) 201210549983	(72) LEE, Youngdae
PROVIDING FASTER HANDOVER IN	201310012730	PARK, Sungjun
MOBILE WIMAX SYSTEM	(32) 18.12.2012	YI, Seungjune

JUNG, Sunghoon	H04L 29/08	(54) PATH CONTROL SYSTEM, PATH
LEE, Jaewook	H04W 36/00	CONTROL DEVICE AND PATH
(31) 201261673739 P	(11) EP2293624	CONTROL METHOD
(32) 20.07.2012	(21) EP09769882.3	(73) NEC Corporation
(33) United States of America	(47) 23.01.2019	(72) NISHIOKA, Jun
(51) H04W 36/02	(87) JP2009002833	YAMANO, Satoru
H04L 1/18	30.12.2009	(31) 2008201758
H04L 29/06	(22) 22.06.2009	(32) 05.08.2008
(11) EP2658312	(54) COMMUNICATION SYSTEM,	(33) Japan
(21) EP13177565.2	COMMUNICATION PROCESSING	(51) H04W 40/04
(47) 23.01.2019	DEVICE AND AUTHENTICATION	H04W 40/10
(22) 18.07.2008	PROCESSING DEVICE	H04W 40/02
(54) IN-ORDER DELIVERY OF DATA	(73) Panasonic Intellectual Property Corporation	H04W 40/32
PACKETS DURING HANDOFF	of America	H04W 40/12
(73) Qualcomm Incorporated	(72) HIRANO, Jun	H04L 12/741
(72) Agashe, Parag Arun	ARAMAKI, Takashi	(11) EP3223559
Parekh, Nileshkumar J.	IKEDA, Shinkichi	(21) EP16190974.2
Tinnakornsrishupap, Peerapol	AOYAMA, Takahisa	(47) 23.01.2019
Ulupinar, Fatih	(31) 2008168773	(22) 19.05.2009
Prakash, Rajat	2009019217	(54) METHOD FOR SENDING PACKET DATA
Agrawal, Avneesh	(32) 27.06.2008	AND BASE STATION
Gillies, Donald William	30.01.2009	(73) Huawei Technologies Co., Ltd.
Kapoor, Rohit	(33) Japan	(72) ZHUANG, Hongcheong
(31) 951176 P	Japan	(51) H04W 40/04
971500 P	(51) H04W 36/28	H04W 72/04
972722 P	H04W 36/22	(11) EP2648473
973095 P	H04W 36/38	(21) EP11845114.5
175382	H04W 36/14	(47) 23.01.2019
(32) 20.07.2007	H04W 88/06	(87) JP2011077817
11.09.2007	(11) EP2375818	07.06.2012
14.09.2007	(21) EP09837600.7	(22) 01.12.2011
17.09.2007	(47) 30.01.2019	(54) COMMUNICATION TERMINAL,
17.07.2008	(87) JP2009071653	CHANNEL SELECTION METHOD AND
(33) United States of America	15.07.2010	PROGRAM
United States of America	(22) 25.12.2009	(73) NEC Corporation
United States of America	(54) CONTROL STATION, MOBILE STATION,	(72) UEDA, Hirofumi
United States of America	AND COMMUNICATION METHOD	FUJITA, Norihito
United States of America	(73) Sharp Kabushiki Kaisha	(31) 2010269540
(51) H04W 36/12	(72) NAOE, Hirokazu	(32) 02.12.2010
H04W 4/02	ARAMOTO, Masafumi	(33) Japan
H04W 52/24	(31) 2009001124	(51) H04W 40/24
H04W 52/28	(32) 06.01.2009	H04W 8/00
H04W 52/34	(33) Japan	H04H 20/08
H04W 52/36	(51) H04W 36/32	H04L 12/18
H04W 84/10	H04W 36/00	H04W 28/06
H04B 17/327	H04W 36/24	H04W 4/06
(11) EP3179775	H04W 36/36	H04W 4/029
(21) EP16192286.9	H04W 84/04	H04W 84/18
(47) 30.01.2019	(11) EP3205148	G01S 5/10
(22) 01.08.2005	(21) EP14781200.2	G01S 5/14
(54) METHOD AND SYSTEM OF SETTING	(47) 30.01.2019	H04W 4/02
TRANSMITTER POWER LEVELS	(87) EP2014071423	H04W 88/04
(73) Commscope Technologies LLC	14.04.2016	H04W 84/10
(72) Richardson, Andrew	(22) 07.10.2014	(11) EP2929724
(31) 0417051	(54) MOBILITY IN DENSE NETWORKS	(21) EP13814725.1
0417025	(73) Telefonaktiebolaget LM Ericsson (publ)	(47) 30.01.2019
0417052	(72) AXMON, Joakim	(87) US2013074204
0509243	KAZMI, Muhammad	19.06.2014
(32) 30.07.2004	MÜLLER, Walter	(22) 10.12.2013
30.07.2004	(51) H04W 40/04	(54) EFFICIENT MEANS OF BROADCAST
30.07.2004	H04L 12/725	AND RELAYING INFORMATION
05.05.2005	H04W 40/18	BETWEEN WIRELESS TERMINALS
(33) United Kingdom	(11) EP2312887	(73) Qualcomm Incorporated
United Kingdom	(21) EP09804960.4	(72) EDGE, Stephen William
United Kingdom	(47) 23.01.2019	(31) 201261735490 P
United Kingdom	(87) JP2009063787	201361773585 P
(51) H04W 36/14	11.02.2010	201314098470
H04W 12/06	(22) 04.08.2009	(32) 10.12.2012

06.03.2013	(33) United States of America	(72) Jung, Bu-Seop
05.12.2013	(51) H04W 48/04	Bastin, Edwin Joseph Vimal
(33) United States of America	G06Q 30/02	Jung, Ji-Hyun
United States of America	H04W 4/02	(31) 20130018882
United States of America	H04L 29/08	(32) 21.02.2013
(51) H04W 48/00	(11) EP2910049	(33) Korea (Republic)
H04W 88/16	(21) EP13848606.3	(51) H04W 48/18
H04W 8/18	(47) 30.01.2019	H04L 12/24
H04W 8/22	(87) US2013049120	H04W 48/16
(11) EP3267730	01.05.2014	H04W 76/10
(21) EP17186020.8	(22) 02.07.2013	H04M 15/00
(47) 23.01.2019	(54) MONITORING MEDIA EXPOSURE	(11) EP2785105
(22) 12.09.2014	FROM AUDIO SIGNALS	(21) EP12861526.7
(54) SYSTEM AND METHOD FOR CREATION	(73) The Nielsen Company (US), LLC	(47) 23.01.2019
AND RELOCATION OF VIRTUAL USER-	(72) JAIN, Anand	(87) CN2012088020
SPECIFIC SERVICE GATEWAYS	STAVROPOULOS, John	04.07.2013
(73) HUAWEI TECHNOLOGIES CO., LTD.	NEUHAUSER, Alan	(22) 31.12.2012
(72) ZHANG, Hang	LYNCH, Wendell	(54) BEARER MODE SELECTION METHOD,
(31) 201361877119 P	KUZNETSOV, Vladimir	PACKET GATEWAY AND POLICY AND
201414464571	CRYSTAL, Jack	CHARGING CONTROL FUNCTION
(32) 12.09.2013	GISH, David	ENTITY
20.08.2014	(31) 201213657380	(73) Huawei Technologies Co., Ltd.
(33) United States of America	(32) 22.10.2012	(72) ZHOU, Weihua
United States of America	(33) United States of America	ZHANG, Wanqiang
(51) H04W 48/02	(51) H04W 48/08	(31) 201110459687
(11) EP2667664	(11) EP3193538	(32) 31.12.2011
(21) EP13169196.6	(21) EP16810915.5	(33) China
(47) 23.01.2019	(47) 30.01.2019	(51) H04W 52/02
(22) 24.05.2013	(87) CN2016084363	(11) EP2742768
(54) Method and devices for providing access to	22.12.2016	(21) EP12723764.2
public and private wireless networks	(22) 01.06.2016	(47) 23.01.2019
(73) Comcast Cable Communications, LLC	(54) NETWORK ACCESS METHOD, MOBILE	(87) SE2012050490
(72) Singh, Sukhjinder	COMMUNICATION TERMINAL,	21.02.2013
Carvalho, John	NETWORK SERVER, AND NETWORK	(22) 09.05.2012
(31) 201213480988	ACCESS SYSTEM	(54) DECIDING WHETHER TO SEND UPLINK
(32) 25.05.2012	(73) Guangdong Oppo Mobile	CONTROL SIGNALING BASED ON THE
(33) United States of America	Telecommunications Corp., Ltd	ACTIVE TIME STATUS OF A USER
(51) H04W 48/02	(72) CAO, Jun	EQUIPMENT CONFIGURED WITH
(11) EP3264825	(31) 201510346888	DISCONTINUOUS RECEPTION (DRX)
(21) EP17176657.9	(32) 19.06.2015	(73) Telefonaktiebolaget LM Ericsson (publ)
(47) 30.01.2019	(33) China	(72) ÖSTERGAARD, Jessica
(22) 19.06.2017	(51) H04W 48/12	WITTEBERG, Mikael
(54) METHOD AND SYSTEM TO INTERCEPT	H04L 5/00	(31) 201161522981 P
ACCIDENTAL EMERGENCY CALLS IN	H04W 16/00	(32) 12.08.2011
A DEVICE REPAIR FACILITY	H04W 4/70	(33) United States of America
(73) BlackBerry Limited	(11) EP3273725	(51) H04W 52/02
(72) AUBUT, Michael Ryan	(21) EP17188145.1	(11) EP3190834
(31) 201662355670 P	(47) 30.01.2019	(21) EP14902296.4
(32) 28.06.2016	(22) 17.04.2015	(47) 30.01.2019
(33) United States of America	(54) COVERAGE ENHANCEMENT LEVEL	(87) CN2014087049
(51) H04W 48/02	SIGNALLING AND EFFICIENT PACKING	31.03.2016
H04W 8/12	OF MTC SYSTEM INFORMATION	(22) 22.09.2014
H04W 36/14	(73) Panasonic Intellectual Property Corporation	(54) CONTROL METHOD AND DEVICE FOR
H04W 48/18	of America	ENABLING STATION
H04W 60/00	(72) BASU MALLICK, Prateek	(73) Huawei Technologies Co., Ltd.
(11) EP2529579	SUZUKI, Hidetoshi	(72) HUANG, Fan
(21) EP11737835.6	LOEHR, Joachim	ZHUANG, Hongcheng
(47) 23.01.2019	(51) H04W 48/16	(51) H04W 52/02
(87) US20111023222	H04W 48/20	(11) EP3270640
04.08.2011	H04W 4/80	(21) EP17180446.1
(22) 31.01.2011	(11) EP2770781	(47) 30.01.2019
(54) TRAFFIC REDIRECTION ON DATA	(21) EP13182121.7	(22) 10.07.2017
ROAMING TRAFFIC	(47) 23.01.2019	(54) WIRELESS COMMUNICATION
(73) Mobileum, Inc.	(22) 29.08.2013	APPARATUS, PRINTING APPARATUS,
(72) JIANG, John, Yue, Jun	(54) AUTOMATIC SELECTION OF IEEE	AND CONTROL METHOD
(31) 299677 P	802.11U NETWORK AND OVERRIDE OF	(73) Seiko Epson Corporation
(32) 29.01.2010	THE SELECTION	(72) OGAWA, Yohei
	(73) Samsung Electronics Co., Ltd	SAKUDA, Kenji

- (31) 2016140490
(32) 15.07.2016
(33) Japan
-
- (51) H04W 52/02
H04B 1/38
(11) EP2912894
(21) EP13780473.8
(47) 23.01.2019
(87) US2013064110
01.05.2014
(22) 09.10.2013
(54) NEAR PASSIVE RECEIVERS WITH
REGULAR PS MODE AND NO ULP (AP
IS NOT AWARE OF THE RECEIVER/
CIRCUIT MODE)
(73) Qualcomm Incorporated
(72) JAFARIAN, Amin
MERLIN, Simone
BARRIAC, Gwendolyn Denise
TIAN, Bin
(31) 201261718052 P
201261719355 P
201361759356 P
201313911862
(32) 24.10.2012
26.10.2012
31.01.2013
06.06.2013
(33) United States of America
United States of America
United States of America
United States of America
-
- (51) H04W 52/02
H04W 24/02
H04W 84/04
(11) EP3160192
(21) EP15306700.4
(47) 30.01.2019
(22) 23.10.2015
(54) A TELECOMMUNICATION
CONTROLLER, AND METHOD OF
CONTROLLING MULTIPLE SMALL
CELL BASE STATIONS
(73) Alcatel Lucent
(72) HO, Lester
CLAUSSEN, Holger
GACANIN, Harris
-
- (51) H04W 52/04
H04L 1/00
(11) EP2086266
(21) EP08172628.3
(47) 30.01.2019
(22) 22.12.2008
(54) Method of controlling transmit power of
uplink channel
(73) LG Electronics Inc.
(72) Ahn, Seung Jin
Cheong, Byeong Geol
Lee, Byong Yol
Kim, Nu Ryong
(31) 25817
20080049147
(32) 04.02.2008
27.05.2008
(33) United States of America
Korea (Republic)
-
- (51) H04W 52/36
(11) EP2663139
(21) EP13167029.1
(47) 23.01.2019
(22) 08.05.2013
(54) Method and apparatus for performing power
headroom reporting procedure in wireless
communication system
(73) LG Electronics Inc.
(72) Park, Sung Jun
Lee, Sun Young
Jung, Sung Hoon
Lee, Young Dae
Yi, Seung June
(31) 201261645641 P
201261677451 P
(32) 11.05.2012
30.07.2012
(33) United States of America
United States of America
-
- (51) H04W 56/00
H04W 74/08
H04W 36/00
H04W 84/04
(11) EP3014946
(21) EP14734961.7
(47) 30.01.2019
(87) SE2014050769
31.12.2014
(22) 19.06.2014
(54) METHODS AND NETWORK NODE
FOR ACTIVATION OF CONNECTION
CONFIGURATION FOR A SECONDARY
BASE STATION
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) WAGER, Stefan
SUSITAIVAL, Riikka
GUNNARSSON, Fredrik
VESELY, Alexander
CENTONZA, Angelo
FOLKE, Mats
(31) 201361839408 P
(32) 26.06.2013
(33) United States of America
-
- (51) H04W 56/00
H04W 84/18
(11) EP3266256
(21) EP16713530.0
(47) 23.01.2019
(87) FR2016050441
09.09.2016
(22) 25.02.2016
(54) METHODS FOR TRANSMITTING
DATA BETWEEN A TERMINAL AND A
FREQUENCY-SYNCHRONISED ACCESS
NETWORK ON AN UPLINK MESSAGE
FROM SAID TERMINAL
(73) SIGFOX
(72) ZIRPHILE, Lionel
CHALBOS, Nicolas
FOURTET, Christophe
(31) 1551783
(32) 03.03.2015
(33) France
-
- (51) H04W 64/00
(11) EP1796419
(21) EP06125313.4
(47) 23.01.2019
(22) 04.12.2006
(54) Location determination techniques in a
wireless communication network
(73) AiRISTA Flow, Inc.
AiRISTA International Oy
(72) Misikangas, Pauli
(31) 20055649
(32) 07.12.2005
(33) Finland
-
- (51) H04W 64/00
G01S 5/02
G01S 5/14
H04W 4/02
(11) EP2939482
(21) EP12890924.9
(47) 23.01.2019
(87) CN2012087828
03.07.2014
(22) 28.12.2012
(54) TRILATERATION PROCESSING OF
ABNORMAL LOCATION DATA
(73) Intel Corporation
(72) COLBY, Robert A.
LOUCHHEIM, Sigal
LIPMAN, Justin
PAN, Xiaoyong
-
- (51) H04W 68/00
H04W 4/70
H04W 52/02
H04W 76/28
H04W 60/00
(11) EP3295732
(21) EP16728415.7
(47) 30.01.2019
(87) SE2016050420
17.11.2016
(22) 11.05.2016
(54) PAGING COORDINATION BETWEEN A
WIRELESS COMMUNICATION DEVICE
AND A CORE NETWORK NODE
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) SUNELL, Kai-Erik
VAN DER ZEE, Martin
SUSITAIVAL, Riikka
PALM, Håkan
HEDMAN, Peter
YAVUZ, Emre
SCHLIWA-BERTLING, Paul
(31) 201562160632 P
(32) 13.05.2015
(33) United States of America
-
- (51) H04W 72/02
H04W 16/14
(11) EP2237632
(21) EP08866751.4
(47) 23.01.2019
(87) JP2008073130
09.07.2009
(22) 12.12.2008
(54) WIRELESS DEVICE, WIRELESS
COMMUNICATION SYSTEM, AND
METHOD FOR DETECTING RADIO
WAVE
(73) NEC Corporation
The University of Electro-Communications
(72) MURAOKA, Kazushi
ARIYOSHI, Masayuki
FUJII, Takeo
(31) 2007341376

2008105473	(31) 201310375912	H04W 92/20
(32) 28.12.2007	(32) 26.08.2013	(11) EP3277037
15.04.2008	(33) China	(21) EP16182107.9
(33) Japan	(51) H04W 72/04	(47) 30.01.2019
Japan	H04W 48/18	(22) 29.07.2016
(51) H04W 72/04	(11) EP3062548	(54) COMMUNICATION SYSTEM
(11) EP2777353	(21) EP13897991.9	FOR COMMUNICATING IN A
(21) EP12723955.6	(47) 30.01.2019	COMMUNICATION NETWORK
(47) 23.01.2019	(87) CN2013087710	(73) Deutsche Telekom AG
(87) SE2012050440	28.05.2015	(72) Paul, Manuel
16.05.2013	(22) 22.11.2013	(51) H04W 72/08
(22) 26.04.2012	(54) DETERMINATION OF A SIGNAL	H04W 56/00
(54) NETWORK NODE, USER EQUIPMENT	AND/OR A FUNCTION OF A PUCCH	(11) EP3122135
AND METHODS THEREIN FOR	FOR TRANSMISSION BY A USER	(21) EP15764159.8
TRANSMITTING AND RECEIVING	EQUIPMENT	(47) 23.01.2019
CONTROL INFORMATION	(73) Huawei Technologies Co., Ltd.	(87) KR2015002670
(73) Telefonaktiebolaget LM Ericsson (publ)	(72) YU, Zheng	24.09.2015
(72) KOORAPATY, Havish	CLASSON, Brian	(22) 19.03.2015
CHENG, Jung-Fu	NAN, Fang	(54) TERMINAL AND METHOD FOR
PARKVALL, Stefan	ZHANG, Xiangdong	TRANSMITTING DEVICE TO
FRENNE, Mattias	(51) H04W 72/04	DEVICE (D2D) SIGNAL FOR D2D
LARSSON, Daniel	H04W 72/08	COMMUNICATION IN WIRELESS
FURUSKOG, Johan	(11) EP3261392	ACCESS SYSTEM SUPPORTING D2D
(31) 201161558477 P	(21) EP15884973.7	COMMUNICATION
(32) 11.11.2011	(47) 23.01.2019	(73) LG Electronics Inc.
(33) United States of America	(87) CN2015074274	(72) LEE, Seungmin
(51) H04W 72/04	22.09.2016	SEO, Hanbyul
(11) EP3039928	(22) 16.03.2015	LEE, Jihyun
(21) EP14771419.0	(54) SERVICE NODE ESTABLISHMENT	(31) 201461955776 P
(47) 30.01.2019	METHOD AND DEVICE	(32) 19.03.2014
(87) US2014052840	(73) Huawei Technologies Co., Ltd.	(33) United States of America
05.03.2015	(72) LI, Mingchao	(51) H04W 72/12
(22) 27.08.2014	XIONG, Xin	(11) EP2282598
(54) METHODS AND APPARATUS FOR	SHI, Yi	(21) EP10007696.7
MULTIPLE USER UPLINK	(51) H04W 72/04	(47) 30.01.2019
(73) Qualcomm Incorporated	H04W 76/16	(22) 23.07.2010
(72) MERLIN, Simone	H04L 5/00	(54) Method and apparatus for handling physical
BARRIAC, Gwendolyn Denise	H04W 48/16	downlink control channel orders in wireless
SAMPATH, Hemanth	(11) EP2848070	communication system
VERMANI, Sameer	(21) EP13724485.1	(73) Innovative Sonic Corporation
(31) 201361871269 P	(47) 23.01.2019	(72) Tseng, Li-Chih
201462024989 P	(87) US2013040436	(31) 228148 P
201462028250 P	14.11.2013	(32) 23.07.2009
201414468942	(22) 09.05.2013	(33) United States of America
(32) 28.08.2013	(54) COEXISTENCE BETWEEN LEGACY	(51) H04W 72/12
15.07.2014	CARRIER TYPES AND NEW CARRIER	H04W 72/04
23.07.2014	TYPES	(11) EP3226629
26.08.2014	(73) Qualcomm Incorporated	(21) EP14909448.4
(33) United States of America	(72) WEI, Yongbin	(47) 30.01.2019
United States of America	XU, Hao	(87) CN2014095806
United States of America	MALLADI, Durga, Prasad	07.07.2016
United States of America	JI, Tingfang	(22) 31.12.2014
(51) H04W 72/04	CHEN, Wanshi	(54) INTERNET-OF-VEHICLES
H04L 5/00	LUO, Tao	COMMUNICATION METHOD AND
H04W 72/12	GAAL, Peter	APPARATUS
H04L 1/18	DAMNJANOVIC, Jelena, M.	(73) Huawei Technologies Co., Ltd.
(11) EP3041304	DAMNJANOVIC, Aleksandar	(72) ZHAO, Zhenshan
(21) EP14839485.1	BHUSHAN, Naga	(51) H04W 72/12
(47) 30.01.2019	(31) 201261646224 P	H04W 76/14
(87) CN2014083677	201261649188 P	H04W 76/28
05.03.2015	201313890129	(11) EP3284302
(22) 05.08.2014	(32) 11.05.2012	(21) EP16716912.7
(54) TRANSMISSION METHODS AND	18.05.2012	(47) 23.01.2019
APPARATUSES IN TDD-FDD	08.05.2013	(87) IB2016052080
COMBINED SYSTEM	(33) United States of America	20.10.2016
(73) Shanghai Langbo Communication	United States of America	(22) 13.04.2016
Technology Company Limited	United States of America	
(72) SHI, Fei	(51) H04W 72/04	

(54) METHOD FOR REDUCING SERVING CELL INTERRUPTION DUE TO PROSE OPERATION	(47) 30.01.2019 (87) KR2016001099 11.08.2016	(72) WALSH, Robert J. RATHI, Shailesh (31) 201113154122 (32) 06.06.2011 (33) United States of America
(73) Telefonaktiebolaget LM Ericsson (publ)	(22) 02.02.2016	
(72) THANGARASA, Santhan KAZMI, Muhammad	(54) MANAGEMENT OF UPLINK MULTI-USER TRANSMISSIONS IN WIRELESS LOCAL AREA NETWORKS	(51) H04W 76/14 H04W 8/18 H04W 8/24 H04W 72/04 H04L 12/26 H04W 8/00 H04W 4/02
(31) 201562146722 P	(73) Samsung Electronics Co., Ltd.	(11) EP3232729
(32) 13.04.2015	(72) JOSIAM, Kaushik M.	(21) EP16162219.6
(33) United States of America	(72) TAORI, Rakesh	(47) 23.01.2019
(51) H04W 72/14	(31) 201562110975 P	(22) 24.03.2016
(11) EP2475212	201614992996	(54) METHOD AND SYSTEM FOR PROVIDING DEVICE TO DEVICE PROXIMITY SERVICES IN WIRELESS COMMUNICATION NETWORKS
(21) EP12163099.0	(32) 02.02.2015	(73) Wipro Limited
(47) 23.01.2019	11.01.2016	(72) CHAUDHURI, Saptarshi PAL, Shyam Sundar
(22) 02.05.2008	(33) United States of America United States of America	(31) 201641007209
(54) Flexible Signaling of Resources on a Control Channel	(51) H04W 74/08 H04W 84/12	(32) 01.03.2016
(73) Qualcomm Incorporated	(11) EP2938152	(33) India
(72) FARAJIDANA, Amir, MALLADI, Durga Prasad MONTJOJO, Juan CHEN, Wanshi	(21) EP13863791.3 (47) 30.01.2019 (87) KR2013009729 26.06.2014	(51) H04W 76/14 H04W 28/18 H04W 72/04 H04W 92/18
(31) 915660 P 113808	(22) 30.10.2013	(11) EP2569976
(32) 02.05.2007 01.05.2008	(54) BACKOFF METHOD AND DEVICE IN SLOT-TYPE CHANNEL ACCESS OF WIRELESS LAN SYSTEM	(21) EP11722957.5 (47) 23.01.2019 (87) US2011036343 17.11.2011
(33) United States of America United States of America	(73) LG Electronics Inc.	(22) 12.05.2011
(51) H04W 74/00	(72) SEOK, Yongho	(54) RESOURCE COORDINATION FOR PEER-TO-PEER GROUPS THROUGH DISTRIBUTED NEGOTIATION
(11) EP3020223	(31) 201261739658 P 201261740424 P 201361750299 P	(73) Qualcomm Incorporated
(21) EP14822822.4	(32) 19.12.2012 20.12.2012 08.01.2013	(72) GEIRHOFER, Stefan BHUSHAN, Naga PALANKI, Ravi DAMNJANOVIC, Aleksandar AGASHE, Parag Arun
(47) 30.01.2019	(33) United States of America United States of America United States of America	(31) 201113103733 349659 P 334143 P
(87) KR2014006209 15.01.2015	(51) H04W 76/14 H04L 5/00 H04W 92/18 H04W 76/23	(32) 09.05.2011 28.05.2010 12.05.2010
(22) 10.07.2014	(11) EP2472987	(33) United States of America United States of America United States of America
(54) METHOD AND APPARATUS FOR COVERAGE ENHANCEMENT FOR A RANDOM ACCESS PROCESS	(21) EP12161993.6 (47) 23.01.2019 (22) 19.08.2010	(51) H04W 76/14 H04M 1/725 H04W 84/18 H04W 92/18
(73) Samsung Electronics Co., Ltd	(54) Method and network node for mobile network inter-device communications	(11) EP3142446 (21) EP15789411.4 (47) 30.01.2019 (87) KR2015004617 12.11.2015
(72) LI, Ying PAPASAKELLARIOU, Aris NG, Boon Loong	(73) BlackBerry Limited	(22) 08.05.2015
(31) 201361844752 P 201361864366 P 201361883857 P 201361893039 P 201361898292 P 201461933738 P 201414319711	(72) Steer, David Novak, Robert	(54) METHOD FOR PROCESSING PLURALITY OF SIGNALS IN COMMUNICATION SYSTEM SUPPORTING DIRECT COMMUNICATION BETWEEN
(32) 10.07.2013 09.08.2013 27.09.2013 18.10.2013 31.10.2013 30.01.2014 30.06.2014	(31) 235916 P (32) 21.08.2009 (33) United States of America	
(33) United States of America United States of America United States of America United States of America United States of America United States of America United States of America	(51) H04W 76/14 H04M 1/725 H04W 84/18 H04W 92/18	
(51) H04W 74/00 H04W 74/08 H04W 84/12 H04W 74/06	(11) EP2719156 (21) EP12726305.1 (47) 23.01.2019 (87) US2012040014 13.12.2012	
(11) EP3254519	(22) 30.05.2012	
(21) EP16746809.9	(54) TECHNIQUES FOR FACILITATING INTEROPERATION BETWEEN AN ACCESSORY AND MULTIPLE DEVICES	
	(73) Apple Inc.	

TERMINALS AND APPARATUS THEREFOR	(73) Samsung Electronics Co., Ltd.	(54) MOLYBDENUM DISILICIDE HEATING ELEMENT WHICH CONTAINS TUNGSTEN
(73) LG Electronics Inc.	(72) Thangadorai, Kavin Kumar	(73) JX Nippon Mining & Metals Corporation
(72) KIM, Hakseong	(31) CH15032011	(72) Takamura, Hirosh
SEO, Hanbyul	(32) 30.04.2011	Narita, Satoyasu
(31) 201461990659 P	(33) India	(31) 2015057820
(32) 08.05.2014	(51) H04W 88/04	2015032749
(33) United States of America	(11) EP2605571	(32) 20.03.2014
(51) H04W 76/27	(21) EP10855904.8	23.02.2015
H04W 52/02	(47) 23.01.2019	(33) Japan
(11) EP2594107	(87) JP2010063748	Japan
(21) EP10854795.1	16.02.2012	(51) H05B 3/60
(47) 23.01.2019	(22) 13.08.2010	F24H 1/10
(87) SE2010050835	(54) WIRELESS COMMUNICATION SYSTEM, BASE STATION, RELAY STATION AND WIRELESS COMMUNICATION METHOD	(11) EP2582200
19.01.2012	(73) FUJITSU CONNECTED TECHNOLOGIES LIMITED	(21) EP11008313.6
(22) 13.07.2010	(72) OHTA, Yoshiaki	(47) 23.01.2019
(54) IMPROVED SYSTEM FOR DEVICE STATE TRANSITION CONTROL	KAWASAKI, Yoshihiro	(22) 14.10.2011
(73) Telefonaktiebolaget LM Ericsson (publ)	OBUCHI, Kazuhisa	(54) Electric heating system, a control head and a heating liquid
(72) WILLARS, Per	TAJIMA, Yoshiharu	(73) Aurora3M+ d.o.o.
(51) H04W 84/04	TANAKA, Yoshinori	(72) Kacar, Sukrija
H04M 15/00	(51) H04W 88/04	Adzaga, Marko
H04W 4/24	H04W 4/021	Zupanic, Franc, Zeljko
(11) EP2883346	H04W 88/18	(51) H05B 6/06
(21) EP13782824.0	(11) EP3028532	(11) EP2224787
(47) 23.01.2019	(21) EP13794964.0	(21) EP09002713.7
(87) IB2013001984	(47) 23.01.2019	(47) 23.01.2019
13.02.2014	(87) IB2013001883	(22) 26.02.2009
(22) 07.08.2013	05.02.2015	(54) A method and device for controlling an induction heating cooking apparatus
(54) METHODS AND DEVICES FOR ROAMING CHARGING FOR CS FALLBACK MTRF CALL	(22) 02.09.2013	(73) Electrolux Home Products Corporation N.V.
(73) Alcatel Lucent	(54) TERMINAL DEVICE HAVING A RELAY FUNCTION AND METHOD OF PROVIDING INFORMATION RELATED TO A RELAY FUNCTION	(72) Jeanneteau, Laurent
(72) LI, Xiangyang	(73) Sony Corporation	Christiansen, Svend, Erik
CAI, Yigang	(72) LJUNG, Rickard	Viroli, Alex
(31) 201210285369	ALNASHI, Saif	Zangoli, Massimo
(32) 10.08.2012	(31) PCT/IB2013/001650	Rigolle, Thibaut
(33) China	(32) 30.07.2013	Barocci, Mario
(51) H04W 84/18	(33) World Intellectual Property Office (WIPO)	(51) H05B 6/14
H04W 84/22	(51) H04W 88/04	H01R 4/48
H04W 12/04	H04W 28/08	H05B 6/36
(11) EP2074844	(11) EP3192309	(11) EP2809127
(21) EP07837770.2	(21) EP15846163.2	(21) EP13169546.2
(47) 23.01.2019	(47) 23.01.2019	(47) 23.01.2019
(87) US2007019397	(87) CN2015090782	(22) 28.05.2013
10.04.2008	07.04.2016	(54) Induction heating handheld power tool and method for assembling a front module to an induction heating handheld power tool
(22) 06.09.2007	(22) 25.09.2015	(73) IDTools B.V.
(54) WIRELESS HANDHELD CONFIGURATION DEVICE FOR A SECURABLE WIRELESS SELF-ORGANIZING MESH NETWORK	(54) SYSTEM AND METHOD FOR ADAPTIVE COOPERATION MODE SELECTION STRATEGIES FOR WIRELESS NETWORKS	(72) van Velden, Dirk
(73) Rosemount, Inc.	(73) Huawei Technologies Co., Ltd.	(51) H05B 6/64
(72) SCHNAARE, Theodore, Henry	(72) CAO, Yu	F24C 15/32
(31) 848607 P	MAAREF, Amine	(11) EP3118527
818128	MA, Jianglei	(21) EP16178231.3
(32) 29.09.2006	(31) 201414503007	(47) 30.01.2019
13.06.2007	(32) 30.09.2014	(22) 06.07.2016
(33) United States of America	(33) United States of America	(54) METHOD FOR COOKING AND FLAVOURING OF PRODUCTS TO BE COOKED
United States of America	(51) H05B 3/14	(73) Miele & Cie. KG
(51) H04W 84/20	C04B 35/58	(72) Becker, Torben
H04L 29/08	C04B 35/638	Hoffmeister-Paul, Astrid
H04W 8/00	C04B 35/632	Metz, Thomas
(11) EP2519071	(11) EP2921469	(31) 102015111377
(21) EP12162228.6	(21) EP15158469.5	(32) 14.07.2015
(47) 30.01.2019	(47) 30.01.2019	(33) Germany
(22) 29.03.2012	(22) 10.03.2015	(51) H05B 33/02
(54) Method and system for delegating group ownership in a wi-fi peer to peer network		

G09F 9/00	(47) 30.01.2019	(22) 21.08.2013
(11) EP3036970	(87) US2015016469	(54) Apparatus and method for producing light of a predetermined spectrum with at least four light sources of different colours
(21) EP14838423.3	24.09.2015	(73) Airbus Defence and Space GmbH
(47) 30.01.2019	(22) 19.02.2015	(72) Cappitelli, Mario
(87) KR2014002573	(54) LED (LIGHT-EMITTING DIODE) - STRING-DERIVED CONTROLLER POWER SUPPLY	Klostermann, Sönke
26.02.2015	(73) Philips Lighting Holding B.V.	Vogt, Dietmar, Dr.
(22) 26.03.2014	(72) MELANSON, John L.	Olbert, Michael, Dr.
(54) DISPLAY DEVICE USING SEMICONDUCTOR LIGHT EMITTING DEVICE	KING, Eric	(31) 102012107706
(73) LG Electronics Inc.	SINGH, Rahul	(32) 22.08.2012
(72) RHEE, Byungjoon	(31) 201414220472	(33) Germany
(31) 20130098313	(32) 20.03.2014	(51) H05B 33/08
(32) 20.08.2013	(33) United States of America	H05B 37/02
(33) Korea (Republic)	(51) H05B 33/08	H04N 5/235
(51) H05B 33/06	G02F 1/13357	G03B 15/05
H01L 51/50	(11) EP2073606	(11) EP3111727
F21V 19/00	(21) EP08172007.0	(21) EP15710002.5
F21V 23/00	(47) 30.01.2019	(47) 30.01.2019
F21V 29/83	(22) 17.12.2008	(87) IB2015050950
F21S 8/00	(54) Systems and methods for providing color management control in a lighting panel	03.09.2015
F21V 15/01	(73) Cree, Inc.	(22) 09.02.2015
F21Y 105/00	(72) Roberts, John K.	(54) METHODS AND APPARATUS FOR WIRELESSLY CONTROLLING LIGHTING EFFECTS OF A NETWORKED LIGHT SOURCE
F21Y 115/15	Vadas, Keith J.	(73) Philips Lighting Holding B.V.
(11) EP3211967	(31) 958721	(72) MISHRA, Om Prakash
(21) EP16752260.6	(32) 18.12.2007	AGARWAL, Kapil Kumar
(47) 23.01.2019	(33) United States of America	(31) 942CH2014
(87) JP2016052793	(51) H05B 33/08	201462000565 P
25.08.2016	G09G 3/34	(32) 25.02.2014
(22) 29.01.2016	H05B 37/02	20.05.2014
(54) LIGHT-EMITTING MODULE	G07F 19/00	(33) India
(73) Kaneka Corporation	(11) EP3207768	United States of America
(72) SAIKI Hidemaro	(21) EP15793947.1	(51) H05B 37/02
NISHIKAWA Akira	(47) 30.01.2019	(11) EP3155877
(31) 2015032232	(87) US2015055306	(21) EP15726985.3
2015036097	21.04.2016	(47) 30.01.2019
(32) 20.02.2015	(22) 13.10.2015	(87) EP2015062653
26.02.2015	(54) CIRCUIT CARD ASSEMBLY WITH LEDS	17.12.2015
(33) Japan	(73) Diebold Nixdorf, Incorporated	(22) 08.06.2015
Japan	(72) JENKINS, Randall	(54) DEMAND RESPONSE FOR NETWORKED DISTRIBUTED LIGHTING SYSTEMS
(51) H05B 33/08	MA, Songtao	(73) Philips Lighting Holding B.V.
(11) EP2440016	SOLIC, Rani	(72) PANDHARIPANDE, Ashish Vijay
(21) EP10187032.7	(31) 201462063178 P	HUSEN, Sri Andari
(47) 23.01.2019	(32) 13.10.2014	CAICEDO FERNÁNDEZ, David Ricardo
(22) 08.10.2010	(33) United States of America	(31) 14171819
(54) Laser diode control device	(51) H05B 33/08	(32) 10.06.2014
(73) Lantiq Beteiligungs-GmbH & Co. KG	H02J 4/00	(33) European Patent Office (EPO)
(72) Steinle, Gunther	G05B 19/042	(51) H05B 37/02
Jenkner, Christian	H05B 37/02	H04L 29/08
(51) H05B 33/08	(11) EP2628364	H04L 1/18
(11) EP2684422	(21) EP11832862.4	H04L 12/28
(21) EP12711482.5	(47) 30.01.2019	H04L 12/701
(47) 23.01.2019	(87) US2011001720	H04W 72/04
(87) US2012025597	19.04.2012	H04N 21/40
13.09.2012	(22) 06.10.2011	(11) EP2747525
(22) 17.02.2012	(54) DYNAMIC POWER CONTROL FOR A TWO WIRE PROCESS INSTRUMENT	(21) EP13194527.1
(54) METHOD AND APPARATUS FOR CONTROLLING LIGHT OUTPUT COLOR AND/OR BRIGHTNESS	(73) Rosemount Inc.	(47) 23.01.2019
(73) Cree, Inc.	(72) ARNTSON, Douglas, Wayne	(22) 26.11.2013
(72) VAN DE VEN, Antony, Paul	(31) 925201	(54) System and method for synchronizing multi-level output devices in an unreliable network
NEGLEY, Gerald, H.	(32) 15.10.2010	(73) Google LLC
(31) 201113042668	(33) United States of America	(72) Folkmanis, Girts
(32) 08.03.2011	(51) H05B 33/08	Heninwolf, Paul
(33) United States of America	H05B 37/02	(31) 201213720388
(51) H05B 33/08	(11) EP2701464	
(11) EP3120667	(21) EP13181122.6	
(21) EP15706661.4	(47) 23.01.2019	

(32) 19.12.2012	(72) Barth, Alexander	(32) 06.11.2007
(33) United States of America	Marent, Günter	19.03.2008
(51) H05B 37/02	(31) 102004002027	21.10.2008
H05B 33/08	(32) 14.01.2004	21.10.2008
(11) EP2442624	(33) Germany	(33) Japan
(21) EP10785894.6	(51) H05B 41/298	Japan
(47) 23.01.2019	(11) EP3294043	Japan
(87) JP2010003422	(21) EP16188575.1	Japan
16.12.2010	(47) 30.01.2019	(51) H05K 1/16
(22) 21.05.2010	(22) 13.09.2016	H05K 3/46
(54) LIGHTING DEVICE AND LIGHTING SYSTEM	(54) A CONTROL ALGORITHM FOR AN ELECTRONIC DIMMING BALLAST OF A UV LAMP	H05K 1/11
(73) Panasonic Intellectual Property Management Co., Ltd.	(73) Xylem IP Management S.à.r.l.	H05K 1/02
(72) SETOMOTO, Tatsumi	(72) FIETZEK, Reiner	H05K 3/42
NAGAI, Hideo	RIEPE, Dirk	H01F 27/28
UEMOTO, Takaari	(51) H05K 1/03	H01F 17/06
(31) 2009140092	C01G 53/00	(11) EP2779810
(32) 11.06.2009	H01L 23/367	(21) EP14158757.6
(33) Japan	(11) EP2418923	(47) 30.01.2019
(51) H05B 37/02	(21) EP11177212.5	(22) 11.03.2014
H05B 33/08	(47) 23.01.2019	(54) Printed circuit board package structure and manufacturing method thereof
(11) EP2910090	(22) 11.08.2011	(73) Tripod Technology Corporation
(21) EP13795573.8	(54) Thermal expansion suppressing member and anti-thermally-expansive member	(72) Huang, Bo-Shiung
(47) 23.01.2019	(73) Canon Kabushiki Kaisha	Yang, Wei-Hsiung
(87) IB2013058477	Kyoto University	Shih, Han-Ching
17.04.2014	(72) Kubota, Makoto	Lin, Cheng-Feng
(22) 12.09.2013	Miura, Kaoru	(31) 102108881
(54) CALIBRATING A LIGHT SENSOR	Yabuta, Hisato	(32) 13.03.2013
(73) Philips Lighting Holding B.V.	Matsumura, Yoshihiko	(33) Taiwan, Province of China
(72) PANDHARIPANDE, Ashish Vijay	Shimakawa, Yuichi	(51) H05K 3/00
CAICEDO FERNANDEZ, David Ricardo	Azuma, Masaki	H05K 3/42
KLOMPENHOUWER, Michiel	(31) 2010180885	H05K 3/46
Adriaanszoon	2011097851	(11) EP2892308
(31) 201261712386 P	(32) 12.08.2010	(21) EP14192233.6
(32) 11.10.2012	26.04.2011	(47) 30.01.2019
(33) United States of America	(33) Japan	(22) 07.11.2014
(51) H05B 39/04	Japan	(54) Method for via-pin filling
H05B 33/08	Japan	(73) ROBERT BOSCH GMBH
(11) EP2596686	(51) H05K 1/03	(72) Steinberg, Rene
(21) EP11741420.1	H01L 23/15	(31) 102013224765
(47) 23.01.2019	H05K 1/02	(32) 03.12.2013
(87) EP2011061946	H05K 3/00	(33) Germany
26.01.2012	C04B 35/584	(51) H05K 3/20
(22) 13.07.2011	C04B 37/02	B29C 65/02
(54) DIMMABLE LED LAMP	H01L 23/373	(11) EP2974567
(73) Tridonic UK Ltd	H01L 23/40	(21) EP14770931.5
(72) WILSON, Ian	H01L 23/473	(47) 30.01.2019
FRANKLAND, James	H01L 21/48	(87) US2014028206
(31) 102011002830	H05K 3/38	25.09.2014
102010039150	(11) EP2217043	(22) 14.03.2014
102010031526	(21) EP08846400.3	(54) METHODS AND SYSTEM FOR CONNECTING INTER-LAYER CONDUCTORS AND COMPONENTS IN 3D STRUCTURES, STRUCTURAL COMPONENTS OR STRUCTURAL ELECTRONIC ELECTROMAGNETIC AND ELECTROMECHANICAL COMPONENTS/DEVICES
(32) 18.01.2011	(47) 30.01.2019	(73) Board of Regents, The University of Texas System
10.08.2010	(87) JP2008070219	Espalin, David
19.07.2010	14.05.2009	(72) ESPALIN, David
(33) Germany	(22) 06.11.2008	WICKER, Ryan, B.
Germany	(54) METHOD FOR PRODUCING A SUBSTRATE FOR POWER MODULE	MEDINA, Francisco
Germany	(73) Mitsubishi Materials Corporation	MACDONALD, Eric
(51) H05B 41/24	(72) TONOMURA, Hiroshi	MUSE, Danny, W.
H05B 41/285	KITAHARA, Takeshi	(31) 201313829921
H05B 41/298	ISHIZUKA, Hiroya	(32) 14.03.2013
(11) EP2365737	KUROMITSU, Yoshirou	
(21) EP11162425.0	NAGATOMO, Yoshiyuki	
(47) 30.01.2019	(31) 2007288287	
(22) 29.11.2004	2008072509	
(54) Central PFC with DC output circuit regulation	2008271036	
(73) Tridonic GmbH & Co KG	2008271037	

(33) United States of America	F21Y 115/10	(32) 15.06.2016
(51) H05K 3/28	F21Y 113/00	(33) Germany
(11) EP1740027	F21V 3/00	(51) H05K 9/00
(21) EP06076193.9	F21V 23/00	(11) EP2721913
(47) 23.01.2019	F21Y 105/10	(21) EP12731568.7
(22) 08.06.2006	(11) EP3180968	(47) 23.01.2019
(54) Method for manufacturing an overmolded electronic assembly and electronic assembly	(21) EP15831847.7	(87) FR2012051328
(73) Delphi Technologies, Inc.	(47) 30.01.2019	27.12.2012
(72) Brandenburg, Scott D.	(87) US2015044873	(22) 14.06.2012
Laudick, David A.	18.02.2016	(54) DEVICE FOR PROTECTING A SPACE ADJACENT TO A MAGNETIC SOURCE, AND METHOD FOR MANUFACTURING SUCH A DEVICE
Degenkolb, Thomas A.	(22) 12.08.2015	(73) Renault S.A.S.
Walsh, Matthew R.	(54) AN LED LIGHTING APPARATUS WITH AN OPEN FRAME NETWORK OF LIGHT MODULES	(72) STAEBLER, Patrick
Tsai, Jeenuhui S.	(73) Dialight Corporation	(31) 1155411
(31) 167473	(72) PECK, John Patrick	(32) 20.06.2011
(32) 27.06.2005	JENKINS, Kenneth	(33) France
(33) United States of America	BOEGE, Samuel David	(51) H05K 9/00
(51) H05K 3/28	(31) 201414458494	H01F 17/06
C23F 11/14	(32) 13.08.2014	(11) EP3032931
C23C 22/52	(33) United States of America	(21) EP14834477.3
(11) EP3188577	(51) H05K 7/20	(47) 30.01.2019
(21) EP16204537.1	F25B 15/10	(87) JP2014070734
(47) 30.01.2019	(11) EP3026990	12.02.2015
(22) 15.12.2016	(21) EP14195342.2	(22) 06.08.2014
(54) METHOD FOR FORMING ORGANIC COATING ON COPPER SURFACE	(47) 30.01.2019	(54) HOLDER AND NOISE CURRENT ABSORBER
(73) Rohm and Haas Electronic Materials LLC	(22) 28.11.2014	(73) Kitagawa Industries Co., Ltd.
(72) TANG, Qin	(54) Apparatus	(72) KAWAI, Hideharu
TONG, Keitho	(73) ABB Schweiz AG	(31) 2013165155
CHAN, Chit Yiu	(72) Habert, Mathieu	(32) 08.08.2013
YEE, Kwok Wai Dennis	Agostini, Bruno	(33) Japan
(31) 201562272135 P	Agostini, Francesco	
(32) 29.12.2015	(51) H05K 7/20	
(33) United States of America	G06F 1/20	
(51) H05K 7/14	F28D 15/02	
(11) EP2491773	(11) EP3089571	
(21) EP10825298.2	(21) EP14873921.2	
(47) 23.01.2019	(47) 30.01.2019	
(87) SE2010051141	(87) JP2014006021	
28.04.2011	02.07.2015	
(22) 21.10.2010	(22) 02.12.2014	
(54) COVER FOR ELECTRONIC EQUIPMENT, COMPRISING FASTENING DEVICE	(54) COOLING SYSTEM AND ELECTRONIC APPARATUS	
(73) Clamco Invest AB	(73) NEC Platforms, Ltd.	
(72) LOHMAN, Bertil	(72) NAKAMURA, Yasuhito	
(31) 0950787	FUJII, Shunsuke	
(32) 23.10.2009	(31) 2013267091	
(33) Sweden	(32) 25.12.2013	
(51) H05K 7/14	(33) Japan	
(11) EP2355637	(51) H05K 7/20	
(21) EP11153451.7	H05K 5/00	
(47) 23.01.2019	H02B 1/56	
(22) 04.02.2011	H02B 1/28	
(54) Frontal cabling connection unit of at least one electronic device in an aircraft	H02G 3/18	
(73) Airbus Operations	H02G 3/38	
(72) Colongo, Emile	H02G 3/03	
Salles, Pierre	H02G 9/10	
(31) 1050838	(11) EP3258757	
(32) 05.02.2010	(21) EP17000992.2	
(33) France	(47) 23.01.2019	
(51) H05K 7/20	(22) 12.06.2017	
F21V 29/76	(54) UNDERFLOOR DISTRIBUTOR FOR ELECTRICAL AND/OR ELECTRONIC UNITS	
F21S 2/00	(73) Langmatz GmbH	
F21V 31/00	(72) Rüttiger, Steffen	
F21V 29/77	Hutter, Michael	
	(31) 102016007235	

EP3

Voor Nederland verleende Europese octrooien waarvoor een vertaling is ingediend conform artikel 52 (1, 6) van de Octrooiwet 1995.

Contains data concerning European patents granted for The Netherlands in which a translation was filed confirm Article 52 par. 1 or 6 of the Patents Act 1995.

(51) A01B 45/02	A01G 31/06	(54) SELF-CLEANING PRE-PUMP FILTER SYSTEM FOR A WATER CIRCULATION PUMP
(11) EP2944167	A01G 31/02	(73) Roche, Stephen D.
(21) EP14168659.2	A01G 31/04	(72) Roche, Stephen D.
(22) 16.05.2014	(11) EP2912937	(74) ir. H.J.G. Lips c.s.
(54) Soil cultivation device	(21) EP13848558.6	(47) 14.11.2018
(73) Redexim Handel- En Exploitatie Maatschappij B.V.	(22) 11.03.2013	(51) A01K 67/027
(72) de Bree, Cornelius Hermanus Maria	(54) APPARATUS FOR MASS CULTIVATION OF PLANTS	C07K 14/705
(74) J.M.H. Duyver lic.	(73) Agricultural Corporation Green K-Farm (K-Farm Co., Ltd.)	C12N 15/85
(47) 28.11.2018	Green Plus Co., Ltd.	C07K 14/47
(51) A01D 17/10	(72) PARK, Yeong Hwan	G01N 33/50
B65G 15/52	(74) ir. M.F.J.M. Ketelaars c.s.	(11) EP3071025
(11) EP2813134	(31) 20120118774	(21) EP14835599.3
(21) EP14171465.9	(32) 25.10.2012	(22) 10.11.2014
(22) 06.06.2014	(33) Korea (Republic)	(54) NON-HUMAN ANIMALS HAVING A HUMANIZED A PROLIFERATION-INDUCING LIGAND GENE
(54) Rod belt for rod belt conveyors of agricultural machines	(47) 24.10.2018	(73) Regeneron Pharmaceuticals, Inc.
(73) Arnold Jäger Holding GmbH	(51) A01J 5/017	(72) MCWHIRTER, John
(72) Mulder, Jan-Harm	(11) EP2134160	GURER, Cagan
(74) ir. J.M.G. Dohmen c.s.	(21) EP08724230.1	MACDONALD, Lynn
(31) 201313916224	(22) 13.03.2008	MURPHY, Andrew J.
(32) 12.06.2013	(54) A TEAT CUP HANDLING DEVICE AND A STORING DEVICE FOR TEAT CUPS	(74) ir. M.F.J.M. Ketelaars c.s.
(33) United States of America	(73) DeLaval Holding AB	(31) 201361905986 P
(47) 03.10.2018	(72) DANNEKER, Gert	(32) 19.11.2013
(51) A01D 33/00	AXELSSON, Thomas	(33) United States of America
A01D 67/00	(74) dr. W.A.H.M. Van Borm	(47) 10.10.2018
A01D 17/10	(31) 0700730	(51) A21D 8/04
(11) EP3014971	(32) 23.03.2007	A21D 17/00
(21) EP15002960.1	(33) Sweden	(11) EP3223618
(22) 16.10.2015	(47) 19.12.2018	(21) EP15807829.5
(54) MACHINE FOR HARVESTING ROOT CROPS	(51) A01J 5/017	(22) 30.11.2015
(73) Grimme Landmaschinenfabrik GmbH & Co. KG	A01J 7/04	(54) METHOD FOR PROCESSING SCRAP DOUGH TO FORM A FERMENTATION PRODUCT USED FOR PRODUCING BAKERY PRODUCTS
(72) Dettmer, Franz-Josef	(11) EP2939533	(73) DIOSNA Dierks & Söhne GmbH
(74) ir. H.V. Mertens c.s.	(21) EP15166155.0	(72) ZENSE, Torsten
(31) 102014015834	(22) 03.05.2015	OLMS, Frederik
(32) 28.10.2014	(54) DOUBLE GRIPPER FOR THE APPLICATION OF TEAT CUPS TO AN ANIMAL TO BE MILKED, RINSE CUP FOR THIS AND MILKING MACHINE PROVIDED THEREWITH, AND A METHOD FOR MILKING	(74) ir. F.A. Geurts c.s.
(33) Germany	(73) Technologies Holdings Corporation	(31) 14195435
(47) 12.12.2018	(72) Hofman, Hendrik van der Sluis, Peter	(32) 28.11.2014
(51) A01D 34/00	(74) ir. R. Wijnstra	(33) European Patent Office (EPO)
E05B 65/10	(31) 2012747	(47) 24.10.2018
(11) EP2946649	(32) 02.05.2014	(51) A23C 19/032
(21) EP15168771.2	(33) Netherlands	A23C 19/05
(22) 21.05.2015	(47) 10.10.2018	C12N 15/01
(54) SECURING A CLOSED POSITION OF A CLOSING BODY OF A HOUSING	(51) A01K 63/04	C12R 1/225
(73) Gartentechnik Münsterland e. K.	B01D 35/02	A23C 19/068
(72) Kappelhoff, Hendrik	C02F 1/00	A23C 19/072
(74) dr. W.A.H.M. Van Borm	C02F 3/32	(11) EP2334191
(31) 102014107190	C02F 103/00	(21) EP08803406.1
(32) 21.05.2014	(11) EP2967007	(22) 29.08.2008
(33) Germany	(21) EP13877957.4	(54) USE OF L. HELVETICUS IN A METHOD FOR MAKING CHEESE
(47) 03.10.2018	(22) 15.03.2013	(73) Chr. Hansen A/S
(51) A01G 9/02		(72) RATTRAY, Fergal
A01G 9/00		JOHANSEN, Annette Helle
A01G 9/14		

BROE, Mikkel Laust	VAN DRIESSCHE, Karolien	A23L 33/10
(74) ir. M.F.J.M. Ketelaars c.s.	DUCATELLE, Richard	(11) EP1638417
(47) 10.10.2018	SCHWARZER, Conrad Gerard	(21) EP04739969.6
(51) A23D 7/00	mr.ir. F.N. Ferro	(22) 17.06.2004
C11C 3/10	(31) 1300647	(54) COMBINATIONS OF VASOPROTECTIVE
(11) EP2877034	(32) 14.10.2013	AGENTS AND FORMULATIONS
(21) EP13741714.3	(33) Sweden	CONTAINING THEM
(22) 22.07.2013	(47) 28.11.2018	(73) INDENA S.p.A.
(54) 1,3-SPECIFIC INTRAESTERIFICATION	(51) A23L 3/3454	(72) BOMBARDELLI, Ezio
(73) Advanta Holdings BV	(11) EP3082454	(74) ir. C.M. Jansen c.s.
(72) PAN, Lucas, Guillermo	(21) EP14815248.1	(31) MI20031313
DUBINSKY, Eduardo, Pedro	(22) 18.11.2014	(32) 27.06.2003
GRONDONA, Martin, Oscar	(54) METHOD FOR PROCESSING	(33) Italy
ZAMBELLI, Andrés, Daniel	VEGETABLES	(47) 10.10.2018
LEON, Alberto, Javier	(73) FULLGREEN LTD	(51) A23L 33/16
(74) ir. P.J. Hylarides c.s.	(72) PARKER, Nigel	A23L 33/00
(31) PCT/EP2012/064547	MISA-HARRIS, Joanna	(11) EP3079506
(32) 24.07.2012	(74) ir. C.M. Jansen c.s.	(21) EP14766675.4
(33) World Intellectual Property Office (WIPO)	(31) 201320418	(22) 09.09.2014
(47) 03.10.2018	(32) 19.11.2013	(54) AN AGE-TAILORED NUTRITION
(51) A23J 1/20	(33) United Kingdom	SYSTEM FOR AN INFANT
C07K 14/79	(47) 03.10.2018	(73) Nestec S.A.
(11) EP3097788	(51) A23L 5/41	(72) DE CASTRO, Carlos Antonio
(21) EP15169288.6	C07C 11/28	LIAO, Yongcheng
(22) 26.05.2015	C09B 61/00	NING, Celia
(54) PROCESS FOR OBTAINING	C12P 23/00	WANG, Junkuan
LACTOFERRIN FROM MILK	A61K 8/31	XIA, Ying
(73) DMK Deutsches Milchkontor GmbH	A23L 33/10	(74) ir. F.A. Geurts c.s.
(72) Aschemann, Jan	(11) EP2048972	(31) PCT/CN2013/089263
Döring, Sven-Rainer	(21) EP07786445.2	(32) 12.12.2013
(74) J.M.H. Duyver lic.	(22) 30.07.2007	(33) World Intellectual Property Office (WIPO)
(47) 17.10.2018	(54) STABLE AND BIOAVAILABLE	(47) 24.10.2018
(51) A23K 20/111	COMPOSITIONS OF ISOMERS OF	(51) A24C 5/32
A23K 20/158	LYCOPENE FOR SKIN AND HAIR	A24C 5/34
A23K 50/00	(73) INDENA S.p.A.	(11) EP3042574
A23L 3/3508	(72) GIORI, Andrea	(21) EP15202801.5
A23L 3/349	FRANCESCHI, Federico	(22) 28.12.2015
A61K 31/05	(74) ir. C.M. Jansen c.s.	(54) DEVICE AND METHOD FOR FRONTAL
A61K 31/192	(31) 06016475	INSPECTION OF A TRANSVERSALLY
(11) EP2586319	(32) 08.08.2006	CONVEYED ROD-SHAPED ARTICLE
(21) EP13152481.1	(33) European Patent Office (EPO)	IN A MACHINE FOR THE TOBACCO
(22) 04.08.2008	(47) 10.10.2018	PROCESSING INDUSTRY
(54) COMPOSITION COMPRISING	(51) A23L 33/00	(73) Hauni Maschinenbau GmbH
FLAVOURING SUBSTANCE AND	A23L 33/135	(72) GAST, Hanno
ORGANIC ACID AND USE THEREOF	A23L 33/21	(74) ir. F.A. Geurts c.s.
(73) Vetagro International S.r.l.	(11) EP2575504	(31) 102015000046
(72) Piva, Andrea	(21) EP11723737.0	(32) 09.01.2015
Tedeschi, Maurizio	(22) 25.05.2011	(33) Germany
(74) mr.ir. F.N. Ferro	(54) IMMUNE IMPRINTING NUTRITIONAL	(47) 10.10.2018
(31) MI20071623	COMPOSITION	(51) A46B 11/00
(32) 03.08.2007	(73) N.V. Nutricia	(11) EP1256328
(33) Italy	(72) BEN AMOR, Kaouther	(21) EP02291040.0
(47) 10.10.2018	KNIPPELS, Leon Matthieu Johannes	(22) 24.04.2002
(51) A23K 50/75	NAUTA, Alma Jildou	(54) Straw for the preservation of small amounts
A23K 10/40	GARSSEN, Johan	of substances, in particular of biological
A23P 10/30	(74) ir. M.F.J.M. Ketelaars c.s.	liquids
A61K 31/22	(31) PCT/NL2010/050311	(73) IMV Technologies
A61P 31/04	(32) 25.05.2010	(72) Saint-Ramon, Jean-Gérard
A23K 20/158	(33) World Intellectual Property Office (WIPO)	Lesieur, Francis
(11) EP3057440	(47) 05.12.2018	(74) ir. F.A. Geurts c.s.
(21) EP14853402.7	(51) A23L 33/115	(31) 0106081
(22) 06.10.2014	A61K 31/01	(32) 07.05.2001
(54) FORMULATION PREVENTING	A61K 31/045	(33) France
NECROTIC ENTERITIS IN	A61K 31/20	(47) 10.10.2018
GALLOANSERANS	A61K 31/355	(51) A46B 15/00
(73) Perstorp AB	A61P 9/08	A61C 17/34
(72) VAN IMMERSEEL, Filip	A61P 9/10	A61C 17/22
SYGALL, Richard	A23L 33/105	(11) EP2890269

- (21) EP13783996.5
(22) 22.08.2013
(54) FORCE SENSOR PROVIDING CONTINUOUS FEEDBACK FOR A RESONANT DRIVE TOOTHBRUSH USING A HALL SENSOR
(73) Koninklijke Philips N.V.
(72) MILLER, Kevin Arnold
(74) drs. O. Griebling
(31) 201261695396 P
(32) 31.08.2012
(33) United States of America
(47) 10.10.2018

(51) A47D 7/00
A47D 9/00
(11) EP3260019
(21) EP17176643.9
(22) 19.06.2017
(54) TRAVEL BED FOR CHILDREN
(73) Sklenarz, Johannes
(72) Sklenarz, Johannes
(74) dr. A. Krebs
(31) 102016111299
(32) 21.06.2016
(33) Germany
(47) 28.11.2018

(51) A47F 5/11
(11) EP3205240
(21) EP17152636.1
(22) 23.01.2017
(54) BASIC STRUCTURE FOR A DISPLAY STAND, DISPLAY STAND AND METHOD OF ERECTING SAID DISPLAY STAND
(73) Pozo Negro Beheer B.V.
(72) HOL, Johannes Leonardus Martinus
(74) ir. H.Th. van den Heuvel c.s.
(31) 2016140
(32) 22.01.2016
(33) Netherlands
(47) 14.11.2018

(51) A47J 31/44
A47J 31/40
(11) EP3053492
(21) EP15001006.4
(22) 09.04.2015
(54) DEVICE FOR PREPARING A DRINK USING A PORTION CAPSULE
(73) Eugster/Frismag AG
(72) Yesil, Saadettin
Riessbeck, Wolfgang
Hug, Yves
(74) ir. W.J.J.M. Kempes
(31) 202015100609 U
(32) 09.02.2015
(33) Germany
(47) 10.10.2018

(51) A47J 43/07
A21B 7/00
A21C 1/02
A47J 43/04
A21C 1/14
B01F 15/04
(11) EP3282904
(21) EP16712885.9
(22) 31.03.2016
(54) KITCHEN APPLIANCE AND METHOD
(73) Koninklijke Philips N.V.
- (72) LI, Wei
WU, Yuqiang
LUO, Zhongchi
(74) drs. O. Griebling
(31) PCT/CN2015/076626
15176727
(32) 15.04.2015
14.07.2015
(33) World Intellectual Property Office (WIPO)
European Patent Office (EPO)
(47) 17.10.2018

(51) A47K 5/12
B65D 35/40
B05B 11/00
B65D 83/00
(11) EP2685876
(21) EP11860737.3
(22) 14.03.2011
(54) A DISPENSING MECHANISM AND A DISPENSER
(73) Essity Hygiene and Health Aktiebolag
(72) JOKITALO, Joonas
HJORT, Erik
JOKITALO, Terttu
(74) J.M.H. Duyver lic.
(47) 28.11.2018

(51) A47K 13/06
E05D 11/10
A47K 11/06
(11) EP3119253
(21) EP15765379.1
(22) 16.01.2015
(54) PORTABLE TOILET DEVICE FOR A SMALL CHILD
(73) Helen of Troy Limited
(72) HANSON, Thomas C.
CAPRARO, Peter I.
FORT, Tucker H.
PHIPPS, Troy H.
COHEN, Eric Eden
(74) J.M.H. Duyver lic.
(31) 201414222003
(32) 21.03.2014
(33) United States of America
(47) 17.10.2018

(51) A61B 1/06
A61B 1/015
(11) EP3000381
(21) EP15173175.9
(22) 16.12.2011
(54) ILLUMINATED SUCTION APPARATUS
(73) Invuity, Inc.
(72) VAYSER, Alex
ERISMANN, Fernando
TRAUNER, Kenneth, B.
GASSON, Jonathan, G.
RICHARDSON, Derrick
(74) ir. F.A. Geurts c.s.
(31) 423813 P
(32) 16.12.2010
(33) United States of America
(47) 07.11.2018

(51) A61B 1/06
A61M 1/00
A61B 90/30
(11) EP2931112
(21) EP13862069.5
(22) 12.12.2013
- (54) ILLUMINATED SUCTION APPARATUS
(73) Invuity, Inc.
(72) VAYSER, Alex
RIMER, Douglas
ZAGATSKY, Vladimir
(74) ir. F.A. Geurts c.s.
(31) 201213712029
(32) 12.12.2012
(33) United States of America
(47) 07.11.2018

(51) A61B 5/00
A61K 49/00
C08B 37/00
G01N 33/487
G01N 33/58
(11) EP2317911
(21) EP09782043.5
(22) 20.08.2009
(54) TRANSCUTANEOUS ORGAN FUNCTION MEASUREMENT
(73) Medibeacon Inc.
(72) GRETZ, Norbert
HESSER, Jürgen
PILL, Johannes
SCHOCK-KUSCH, Daniel
SADICK, Maliha
WALTER, Thomas
EICKEMEYER, Felix
HWANG, JAE Hyuug
WATANABE, Soichi
SCHILDKNECHT, Christian
ROSE, Thomas
WACH, Wolfgang
(74) ir. C.M. Jansen c.s.
(31) 08162802
(32) 22.08.2008
(33) European Patent Office (EPO)
(47) 03.10.2018

(51) A61B 5/0452
A61N 1/39
A61N 1/05
A61N 1/365
A61B 5/0472
(11) EP1827220
(21) EP05812426.4
(22) 19.10.2005
(54) SIGNAL TEMPLATES IN IMPLANTABLE CARDIAC DEVICES
(73) Cameron Health, Inc.
(72) PALREDDY, Surekha
WARREN, Jay, A.
OSTROFF, Alan, H.
(74) ir. H.J.G. Lips c.s.
(31) 999853
(32) 29.11.2004
(33) United States of America
(47) 28.11.2018

(51) A61B 8/00
B06B 1/06
G10K 11/00
(11) EP2563228
(21) EP11718766.6
(22) 21.04.2011
(54) COUPLING AN ULTRASOUND PROBE TO THE SKIN
(73) Respinor AS
(72) BERARD-ANDERSEN, Nicolay René

OLSEN, Gjermund Fjeld (74) J.M.H. Duyver lic. (31) 329126 P 201007243 (32) 29.04.2010 29.04.2010 (33) United States of America United Kingdom (47) 10.10.2018	(54) DESIGN PROCESS OF A SURGICAL DEVICE FOR GUIDING THE POSITIONING OF AN ORTHOPAEDIC IMPLANT BETWEEN TWO BONES OF A PATIENT'S JOINT (73) One Ortho (72) ALEPEE, Christophe GUITON, Thierry (74) ir. C.M. Jansen c.s. (31) 1457166 (32) 24.07.2014 (33) France (47) 07.11.2018	(22) 03.04.2009 (54) METHOD FOR DESIGNING AND FORMING A SURGICAL IMPLANT (73) NuVasive, Inc. (72) ISAACS, Robert, E. (74) ir. H.J.G. Lips c.s. (31) 98375 246581 (32) 04.04.2008 07.10.2008 (33) United States of America United States of America (47) 05.12.2018
(51) A61B 8/08 A61B 8/12 A61B 8/00 A61B 18/14 A61B 90/00 (11) EP2328479 (21) EP09812027.2 (22) 25.08.2009 (54) ABLATION DEVICE WITH ARTICULATED IMAGING TRANSDUCER (73) Gynesonics, Inc. (72) DECKMAN, Robert, K. PLACEK, Brian MUNROW, Michael, A. GERBI, Craig (74) ir. F.A. Geurts c.s. (31) 198861 (32) 26.08.2008 (33) United States of America (47) 07.11.2018	(51) A61B 17/15 G06Q 30/06 G06Q 50/22 A61B 17/56 A61B 34/10 (11) EP2538864 (21) EP11748003.8 (22) 23.02.2011 (54) CUSTOMIZED PATIENT-SPECIFIC BONE CUTTING BLOCKS (73) DePuy Products, Inc. (72) ARAM, Luke, J. BUGBEE, William ENGH, Andrew MOSKAL, Joseph PAGNANO, Mark SWANK, Michael GUZMAN, Jose, F. (74) ir. M.F.J.M. Ketelaars c.s. (31) 308189 P (32) 25.02.2010 (33) United States of America (47) 31.10.2018	(51) A61B 18/14 A61N 1/06 A61B 18/00 A61B 5/042 A61B 5/00 (11) EP3178429 (21) EP16202461.6 (22) 06.12.2016 (54) BASKET CATHETER WITH AN IMPROVED SEAL (73) Biosense Webster (Israel) Ltd. (72) AUJLA, Vishav Manak Singh (74) ir. M.F.J.M. Ketelaars c.s. (31) 201514960777 (32) 07.12.2015 (33) United States of America (47) 07.11.2018
(51) A61B 8/14 A61B 8/08 A61B 8/00 (11) EP2977012 (21) EP15153428.6 (22) 02.02.2015 (54) Ultrasound imaging apparatus and controlling method thereof (73) Samsung Medison Co., Ltd. (72) Jin, Gil Ju Ahn, Mi Jeoung Byun, Mi Ae (74) mr. ir. J. van Breda c.s. (31) 20140094214 (32) 24.07.2014 (33) Korea (Republic) (47) 03.10.2018	(51) A61B 17/22 A61B 17/00 A61B 17/3207 (11) EP2309934 (21) EP08766822.4 (22) 19.06.2008 (54) A THROMBECTOMY CATHETER AND A DEVICE COMPRISING THE SAME (73) AngioDynamics, Inc. (72) WITTENS, Cornelis Hendrikus Anna (74) ir. M.F.J.M. Ketelaars c.s. (47) 07.11.2018	(51) A61B 90/00 A61B 6/00 A61N 5/10 G06T 7/00 (11) EP1804917 (21) EP05776966.3 (22) 01.08.2005 (54) DYNAMIC TUMOR TREATMENT SYSTEM (73) Imquant, Inc. (72) SAWYER, Timothy, E. (74) ir. P.J. Hylarides c.s. (31) 910711 (32) 03.08.2004 (33) United States of America (47) 10.10.2018
(51) A61B 17/04 A61B 17/08 (11) EP2240133 (21) EP09706010.7 (22) 29.01.2009 (54) INSTRUMENT FOR TREATING GERD AND HIATAL HERNIA (73) Kirk Promotion LTD. (72) FORSELL, Peter (74) ir. M.F.J.M. Ketelaars c.s. (31) 6719 P 0802138 (32) 29.01.2008 10.10.2008 (33) United States of America Sweden (47) 03.10.2018	(51) A61B 17/3207 A61B 17/22 A61M 25/00 (11) EP3035876 (21) EP14845424.2 (22) 17.09.2014 (54) DEVICE AND SYSTEM FOR CROSSING AND TREATING AN OCCLUSION (73) Xablecath Inc. (72) DAHM, Johannes, B. SEGERS, Bart, M.E. (74) ir. H.J.G. Lips c.s. (31) 201361879384 P (32) 18.09.2013 (33) United States of America (47) 14.11.2018	(51) A61C 5/70 (11) EP2961339 (21) EP14708788.6 (22) 06.02.2014 (54) PARTIAL DENTAL PROSTHESIS (73) Lampl, Stephan (72) Lampl, Stephan (74) ir. J.M.G. Dohmen c.s. (31) 1512013 (32) 27.02.2013 (33) Austria (47) 14.11.2018
(51) A61B 17/15 (11) EP3171795 (21) EP15753125.2 (22) 24.07.2015	(51) A61B 17/88 B21D 7/14 (11) EP2273944 (21) EP09727829.5	(51) A61C 17/34 (11) EP2890328 (21) EP13826755.4 (22) 31.08.2013 (54) POWER TOOTHBRUSH WITH A TUNABLE BRUSHHEAD ASSEMBLY SYSTEM (73) Koninklijke Philips N.V. (72) JOHNSON, Ahren Karl WILLS, Scott Robert

KLOSTER, Tyler G.	B06B 1/02	A61K 31/205
(74) drs. O. Griebling	G06F 12/02	A61K 31/522
(31) 201261695377 P	B06B 1/06	(11) EP2750644
(32) 31.08.2012	(11) EP2626048	(21) EP12762555.6
(33) United States of America	(21) EP13152668.3	(22) 29.08.2012
(47) 10.10.2018	(22) 11.03.2004	(54) DRESSINGS THAT CONTAIN ACTIVE
(51) A61F 2/01	(54) Modulated pulsed ultrasonic power delivery	SUBSTANCE
A61F 2/90	system	(73) Beiersdorf AG
A61L 31/02	(73) Johnson & Johnson Surgical Vision, Inc.	(72) NIERLE, Jens
A61L 31/08	(72) Kadziauskas, Kenneth E.	WÖLLER, Karl-Heinz
(11) EP3182925	Rockley, Paul W.	ZIER, Maxi
(21) EP15754193.9	(74) ir. M.F.J.M. Ketelaars c.s.	MÜLLER, Gerd
(22) 21.08.2015	(31) 387335	(74) ir. F.A. Geurts c.s.
(54) 3D FILTER FOR PREVENTION OF	(32) 12.03.2003	(31) 102011081818
STROKE	(33) United States of America	(32) 30.08.2011
(73) Frid Mind Technologies	(47) 07.11.2018	(33) Germany
(72) FRID, Noureddine	(51) A61F 13/15	(47) 10.10.2018
(74) ir. W.J.J.M. Kempes	A61F 13/49	(51) A61K 31/728
(31) 14181860	(11) EP3046524	A61K 33/16
(32) 21.08.2014	(21) EP14767281.0	A61K 31/726
(33) European Patent Office (EPO)	(22) 12.09.2014	A61K 47/12
(47) 03.10.2018	(54) TEXTURED LAMINATE STRUCTURE,	A61K 36/185
(51) A61F 2/08	ABSORBENT ARTICLES WITH	A61K 9/12
(11) EP3228278	TEXTURED LAMINATE STRUCTURE	A61K 45/06
(21) EP17165749.7	(73) The Procter & Gamble Company	A61P 17/02
(22) 10.04.2017	(72) WADE, Sarah Marie	A61P 17/10
(54) TENODESIS IMPLANTS AND TOOLS	NISHIKAWA, Masaharu	A61K 8/73
(73) DePuy Synthes Products, Inc.	ISHIHARA, Kaoru	A61K 8/70
(72) MILLER, Jerome	GLAHN, Tina Marie	A61Q 1/02
PICCIRILLO, Justin M.	LAVON, Gary Dean	A61Q 19/08
SA, Sherri	(31) 201314032595	(11) EP2744519
(74) ir. M.F.J.M. Ketelaars c.s.	(32) 20.09.2013	(21) EP12823411.9
(31) 201615093938	(33) United States of America	(22) 16.08.2012
(32) 08.04.2016	(47) 24.10.2018	(54) DERMAL REJUVENATION
(33) United States of America	(51) A61K 9/00	COMPOSITIONS
(47) 07.11.2018	C08G 65/332	(73) Kate Somerville Skincare LLC
(51) A61F 2/10	A61K 47/10	(72) SOMERVILLE, Kate
A61F 2/00	A61K 47/22	KHOURY, Fred
A01N 1/02	A61K 9/10	(74) ir. M.F.J.M. Ketelaars c.s.
(11) EP2967836	A61K 47/34	(31) 201161524021 P
(21) EP14775892.4	A61K 9/107	(32) 16.08.2011
(22) 13.03.2014	A61K 31/337	(33) United States of America
(54) CRYOPRESERVATION OF VIABLE	A61K 31/713	(47) 03.10.2018
HUMAN SKIN SUBSTITUTES	C08G 65/331	(51) A61K 35/12
(73) Stratatech Corporation	C08G 65/333	A61K 35/28
(72) ALLEN-HOFFMANN, B. Lynn	C08G 65/334	A61K 35/32
PIRNSTILL, John C.	C12N 15/113	A61P 19/02
GRATZ, Kenneth R.	A61K 31/727	A61P 19/04
COMER, Allen R.	(11) EP3131944	(11) EP2185165
(74) ir. C.M. Jansen c.s.	(21) EP15721401.6	(21) EP08782887.7
(31) 201361779661 P	(22) 17.04.2015	(22) 06.08.2008
(32) 13.03.2013	(54) VITAMIN E-BASED NANOCARRIERS	(54) STRO-1bright CELLS FOR USE IN
(33) United States of America	FOR DRUG DELIVERY AND METHODS	TREATING CONNECTIVE TISSUE
(47) 10.10.2018	OF MAKING AND USING THE SAME	DISEASES
(51) A61F 5/56	(73) The Corporation OF Mercer University	(73) Mesoblast, Inc.
(11) EP3122294	(72) TAN, Chalet	(72) GHOSH, Peter
(21) EP15709625.6	FAN, Wei	(74) ir. W.J.J.M. Kempes
(22) 24.02.2015	(74) J.M.H. Duyver lic.	(31) 2007904212 P
(54) OCCLUSION SPLINT ASSEMBLY	(31) 201461980786 P	133111 P
(73) Hofmann, Konrad	(32) 17.04.2014	(32) 06.08.2007
(72) Hofmann, Konrad	(33) United States of America	25.06.2008
(74) ir. C.M. Jansen c.s.	(47) 05.12.2018	(33) Australia
(31) 102014104408	(51) A61K 9/70	United States of America
(32) 28.03.2014	A61F 13/02	(47) 03.10.2018
(33) Germany	A61L 15/44	(51) A61K 35/644
(47) 12.12.2018	A61L 15/58	A61K 9/00
(51) A61F 9/007	A61K 31/085	C12N 5/073
	A61K 31/165	C12N 5/074

A61K 38/21	BAGLIN, Trevor	(54) VEGF/DLL4 BINDING AGENTS AND USES THEREOF
A61K 45/06	(74) ir. M.F.J.M. Ketelaars c.s.	(73) OncoMed Pharmaceuticals, Inc.
A61K 35/50	(31) 201322091	(72) GURNEY, Austin L.
A61K 35/12	(32) 13.12.2013	(72) SATO, Aaron Ken
(11) EP2471906	(33) United Kingdom	BOND, Christopher John
(21) EP12150928.5	(47) 03.10.2018	(74) ir. M.F.J.M. Ketelaars c.s.
(22) 28.12.2006	(51) A61K 38/16	(31) 201161538454 P
(54) Placental stem cell populations	A61P 37/00	201261597409 P
(73) Celularity, Inc.	A61P 37/06	201261692978 P
(72) Abramson, Sascha Dawn	(11) EP2866821	(32) 23.09.2011
Edinger, James W.	(21) EP13747983.8	10.02.2012
Faleck, Herbert	(22) 02.07.2013	24.08.2012
Hariri, Robert J.	(54) COMPLEMENT SPLIT PRODUCT C4D FOR THE TREATMENT OF INFLAMMATORY CONDITIONS	(33) United States of America
Labazzo, Kristen S.	(73) Medizinische Universität Wien	United States of America
Pereira, Marian	(72) HOFER, Johannes	United States of America
Wang, Jia-Lun	(47) 31.10.2018	(51) A61K 39/02
Ye, Qian	STEINBERGER, Peter	A61K 39/00
(74) J.M.H. Duyver lic.	ZLABINGER, Gerhard	A61K 39/39
(31) 754968 P	BÖHMIG, Georg	A61K 47/50
846641 P	FORSTER, Florian	A61K 47/64
(32) 29.12.2005	LEITNER, Judith	(11) EP2519265
22.09.2006	WAHRMANN, Markus	(21) EP10818096.9
(33) United States of America	MERIO, Margarethe	(22) 30.12.2010
United States of America	KOVARIK, Johannes	(54) POLYSACCHARIDE IMMUNOGENS CONJUGATED TO E. COLI CARRIER PROTEINS
(47) 10.10.2018	HÖLZL, Markus	(73) GlaxoSmithKline Biologicals SA
(51) A61K 35/742	ISENMAN, David E.	(72) COSTANTINO, Paolo
A61P 17/02	(74) ir. C.M. Jansen c.s.	SERINO, Laura
A61P 31/00	(31) 12174644	ROMANO, Maria Rosaria
A61P 31/04	(32) 02.07.2012	TONTINI, Marta
(11) EP3210612	(33) European Patent Office (EPO)	BERTI, Francesco
(21) EP17156432.1	(47) 14.11.2018	MICOLI, Francesca
(22) 16.02.2017	(51) A61K 39/00	KABANOVA, Anna
(54) SYNBIOTIC PREPARATION	A61P 35/00	(74) ir. F.A. Geurts c.s.
(73) Chrisal NV	A61K 38/08	(31) 291262 P
(72) TEMMERMAN, Robin	A61K 38/16	(32) 30.12.2009
GIELEN, Corrie	C07K 14/47	(33) United States of America
(74) M.A.T. Beck MSc LL.B	(11) EP3111952	(47) 14.11.2018
(31) 201605140	(21) EP16179241.1	(51) A61K 39/09
(32) 26.02.2016	(22) 28.09.2009	(11) EP3017827
(33) Belgium	(54) NOVEL IMMUNOTHERAPY AGAINST SEVERAL TUMORS INCLUDING NEURONAL AND BRAIN TUMORS	(21) EP15195398.1
(47) 21.11.2018	(73) Immatics Biotechnologies GmbH	(22) 20.12.2006
(51) A61K 38/00	(72) SCHOOR, Oliver	(54) PNEUMOCOCCAL POLYSACCHARIDE CONJUGATE VACCINE
A61K 38/27	HILF, Norbert	(73) GlaxoSmithKline Biologicals s.a.
(11) EP2739298	WEINSCHENK, Toni	(72) BIEMANS, Ralph Leon
(21) EP12819794.4	TRAUTWEIN, Claudia	GARCON, Nathalie Marie-Josephe
(22) 02.08.2012	WALTER, Steffen	HERMAND, Philippe Vincent
(54) LONG-ACTING GROWTH HORMONE AND METHODS OF PRODUCING SAME	SINGH, Harpreet	POOLMAN, Jan
(73) OPKO Biologics Ltd.	(31) 08017305	VAN MECHELEN, Marcelle Paulette
(72) FARES, Fuad	08017921	(74) ir. F.A. Geurts c.s.
FIMA, Udi Eyal	105928 P	(31) 0526232
(74) drs. C.M.A. Quintelier	(32) 01.10.2008	0607087
(31) 201113195931	13.10.2008	0607088
(32) 02.08.2011	16.10.2008	0609902
(33) United States of America	(33) European Patent Office (EPO)	0620336
(47) 03.10.2018	European Patent Office (EPO)	0620337
(51) A61K 38/00	United States of America	0620815
A61L 26/00	(47) 31.10.2018	0620816
C07K 14/81	(51) A61K 39/00	PCT/GB2006/004634
(11) EP3080157	C12P 21/08	(32) 22.12.2005
(21) EP14827185.1	C07K 16/00	07.04.2006
(22) 15.12.2014	A61P 35/00	07.04.2006
(54) MODIFIED SERPINS FOR THE TREATMENT OF BLEEDING DISORDERS	(11) EP2758073	18.05.2006
(73) Cambridge Enterprise Limited	(21) EP12833767.2	12.10.2006
(72) HUNTINGTON, James Andrew	(22) 24.09.2012	
POLDERDIJK, Stéphanie		

12.10.2006	GARSSEN, Johan	C12Q 1/70
19.10.2006	(74) ir. M.F.J.M. Ketelaars c.s.	(11) EP2786767
19.10.2006	(31) 04077394	(21) EP14174846.7
12.12.2006	(32) 24.08.2004	(22) 10.05.2007
(33) United Kingdom	(33) European Patent Office (EPO)	(54) Real-time detection of influenza virus
United Kingdom	(47) 10.10.2018	(73) Theranos, Inc.
United Kingdom	(51) A61K 47/14	(72) Holmes, Elizabeth A.
United Kingdom	A61K 31/047	Gibbons, Ian
United Kingdom	A61K 47/54	(74) ir. W.J.J.M. Kempes
United Kingdom	A61K 47/10	(31) 799442 P
United Kingdom	A61K 47/12	800939 P
United Kingdom	A61K 9/00	746535
World Intellectual Property Office (WIPO)	A61K 47/26	(32) 10.05.2006
(47) 07.11.2018	A61K 47/36	16.05.2006
(51) A61K 39/215	A61K 31/352	09.05.2007
C07K 14/165	A61K 31/4375	(33) United States of America
C12N 7/00	A61K 31/66	United States of America
(11) EP3116539	C07F 9/54	United States of America
(21) EP15712230.0	A61K 31/122	(47) 03.10.2018
(22) 10.03.2015	(11) EP2714024	(51) A61M 5/14
(54) PORCINE EPIDEMIC DIARRHEA VIRUS	(21) EP12792111.2	A61M 5/168
VACCINES AND METHODS OF USE	(22) 04.06.2012	G01F 23/22
THEREOF	(54) ORAL FORMULATIONS OF	(11) EP2574356
(73) Regents of the University of Minnesota	MITOCHONDRIALLY-TARGETED	(21) EP12196798.8
(72) MARTHALER, Douglas	ANTIOXIDANTS AND THEIR	(22) 14.11.2008
ROSSOW, Kurt	PREPARATION AND USE	(54) Micro-fluidic "dead-end channel"-structure
(74) ir. M.F.J.M. Ketelaars c.s.	(73) Mitotech SA	for pressure measurement within a fluid
(31) 201461951439 P	(72) SKULACHEV, Maxim V.	channel on the basis of the change of the
(32) 11.03.2014	SKULACHEV, Vladimir P.	volume of a trapped gas bubble
(33) United States of America	ZAMYATNIN, Andrey A.	(73) F. Hoffmann-La Roche AG
(47) 10.10.2018	EFREMOV, Eugeny S.	(72) Geipel, Andreas
(51) A61K 39/395	TASHLITSKY, Vadim N.	(74) ir. C.M. Jansen c.s.
C07K 16/00	ZINOVKIN, Roman A.	(47) 31.10.2018
A61P 19/00	EGOROV, Maxim V.	(51) A61M 15/00
A61P 9/00	FRIEDHOFF, Lawrence T.	(11) EP2968728
A61P 11/00	PLETUSHKINA, Olga Y.	(21) EP14708558.3
C07K 16/24	ANDREEV-ANDRIEVSKY, Alexander A.	(22) 10.03.2014
(11) EP2280732	ZINEVICH, Tatiana V.	(54) DISPENSER
(21) EP09739607.1	(74) dr. A. Krebs	(73) EURO-CELTIQUE S.A.
(22) 28.04.2009	(31) 201161492940 P	(72) DUGNAN, Cathal
(54) ANTIBODIES TO GRANULOCYTE-	(32) 03.06.2011	MCDERMONT, Iain Grierson
MACROPHAGE COLONY-	(33) United States of America	PRIOR, Peter
STIMULATING FACTOR	(47) 03.10.2018	(74) ir. C.M. Jansen c.s.
(73) Humanigen, Inc.	(51) A61K 47/38	(31) 201304784
(72) BEBBINGTON, Christopher, R.	A61K 9/28	(32) 15.03.2013
LUEHRSEN, Kenneth	A61K 31/573	(33) United Kingdom
YARRANTON, Geoffrey, T.	A61P 5/44	(47) 03.10.2018
(74) J.M.H. Duyver lic.	(11) EP2416783	(51) A61M 16/04
(31) 48522	(21) EP10712907.4	(11) EP1885423
(32) 28.04.2008	(22) 07.04.2010	(21) EP06743986.9
(33) United States of America	(54) IMPROVED GLUCOCORTICOID	(22) 24.05.2006
(47) 17.10.2018	THERAPY	(54) LARYNGEAL MASK AIRWAY DEVICE
(51) A61K 39/42	(73) Shire Viropharma Incorporated	(73) Teleflex Life Sciences Unlimited Company
A61K 31/702	(72) LENNERNÄS, Hans	(72) BRAIN, Archibald Ian Jeremy
A61K 31/202	JOHNSON, Jörgen	(74) ir. H.J.G. Lips c.s.
A61K 35/74	HEDNER, Thomas	(31) 0510951
A61P 11/00	JOHANNSSON, Gudmundur	(32) 27.05.2005
A61P 31/00	SKRTIC, Stanko	(33) United Kingdom
(11) EP1784222	(74) ir. M.F.J.M. Ketelaars c.s.	(47) 24.10.2018
(21) EP05775158.8	(31) 200900470	(51) A61M 16/04
(22) 24.08.2005	(32) 07.04.2009	(11) EP1885424
(54) NUTRITIONAL COMPOSITION	(33) Denmark	(21) EP06743988.5
COMPRISING INDIGESTIBLE	(47) 07.11.2018	(22) 24.05.2006
OLIGOSACCHARIDES	(51) A61K 49/00	(54) LARYNGEAL MASK AIRWAY DEVICE
(73) N.V. Nutricia	A61K 39/00	(73) Teleflex Life Sciences Unlimited Company
(72) BOEHM, Günther	G01N 33/543	(72) BRAIN, Archibald Ian Jeremy
M'RABET, Laura	G01N 33/569	(74) ir. H.J.G. Lips c.s.
STAHL, Bernd	B01L 3/00	(31) 0510951

(32) 27.05.2005	STEELE, Bradley	(51) A61Q 1/04
(33) United Kingdom	YANG, Kumin	A61Q 1/10
(47) 24.10.2018	(74) ir. C.M. Jansen c.s.	A61Q 1/12
(51) A61M 16/06	(31) 201462013219 P	A61K 8/02
A61M 16/08	201562137897 P	A61K 8/19
A61M 16/00	(32) 17.06.2014	(11) EP3129103
(11) EP2726132	25.03.2015	(21) EP15718804.6
(21) EP12807770.8	(33) United States of America	(22) 08.04.2015
(22) 29.06.2012	United States of America	(54) COSMETICS MADE IN ONE OR MORE
(54) NASAL MASK INTERFACE ASSEMBLY	(47) 24.10.2018	COLOURS BY APPLYING A MAGNETIC
(73) Fisher & Paykel Healthcare Limited	(51) A61N 1/372	FIELD, AND METHOD FOR THEIR
(72) PRENTICE, Craig Robert	(11) EP3194021	PREPARATION
IP, Bernard Tsz Lun	(21) EP15767069.6	(73) Art Cosmetics Srl
BOYES, Richard	(22) 14.09.2015	(72) ORIGO, Piero
RICHARDSON, Thomas	(54) GRAPHICAL USER INTERFACE FOR	(74) ir. C.M. Jansen c.s.
MCDERMOTT, Gareth	PROGRAMMING NEUROSTIMULATION	(31) MI20140666
(74) ir. M.F.J.M. Ketelaars c.s.	PULSE PATTERNS	(32) 09.04.2014
(31) 201161504061 P	(73) Boston Scientific Neuromodulation	(33) Italy
(32) 01.07.2011	Corporation	(47) 10.10.2018
(33) United States of America	(72) MOFFITT, Michael A.	(51) A62D 1/02
(47) 10.10.2018	KOTHANDARAMAN, Sridhar	A62C 3/00
(51) A61M 25/01	(74) ir. A.R. Aalbers	A62C 5/02
A61M 25/10	(31) 201462050505 P	(11) EP2962735
A61B 17/22	(32) 15.09.2014	(21) EP14756772.1
A61M 29/02	(33) United States of America	(22) 19.02.2014
A61M 25/00	(47) 24.10.2018	(54) METHOD FOR PREVENTING AND
(11) EP2714180	(51) A61N 1/375	EXTINGUISHING FIRE
(21) EP12789349.3	A61N 1/372	(73) Yamato Protec Corporation
(22) 25.05.2012	A61N 1/37	(72) FUKUDA, Yasuyoshi
(54) CATHETER WITH STEPPED SKIVED	(11) EP3185954	TAKATSUKA, Yuki
HYPOTUBE	(21) EP15757632.3	ISHIHARA, Takahiro
(73) Abbott Cardiovascular Systems Inc.	(22) 26.08.2015	FUKUMURA, Koki
(72) WILSON, Bruce, M.	(54) ENERGY ADAPTIVE COMMUNICATION	KOGA, Seiji
WILLIAMS, Kerry, J.	FOR MEDICAL DEVICES	MIYASHITA, Koji
(74) ir. M.F.J.M. Ketelaars c.s.	(73) Cardiac Pacemakers, Inc.	(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201161490547 P	(72) STAHMANN, Jeffrey E.	(31) 2013041311
(32) 26.05.2011	HUELSKAMP, Paul	(32) 01.03.2013
(33) United States of America	KANE, Michael J.	(33) Japan
(47) 07.11.2018	MAILE, Keith R.	(47) 31.10.2018
(51) A61M 25/10	(74) ir. H.J.G. Lips c.s.	(51) A63F 1/12
(11) EP2950872	(31) 201462043123 P	(11) EP2785426
(21) EP14706987.6	(32) 28.08.2014	(21) EP13765276.4
(22) 24.01.2014	(33) United States of America	(22) 12.08.2013
(54) INFLATION DEVICE FOR BALLOON	(47) 28.11.2018	(54) BATCH CARD SHUFFLING
SINUS DILATION	(51) A61P 31/14	APPARATUSES CONTAINING MULTI-
(73) Medtronic Xomed, Inc.	C07D 487/04	CARD STORAGE COMPARTMENTS,
(72) VACCARO, Robert K.	(11) EP3230287	AND RELATED METHODS
FURST, Timothy M.	(21) EP15804823.1	(73) Bally Gaming, Inc.
LI, Wenjeng	(22) 07.12.2015	(72) STASSON, James, B.
LITTLE, David J.	(54) PIPERIDINE SUBSTITUTED	RYNDDA, Robert, J.
MOWLAI-ASHTIANI, Ali	PYRAZOLO[1,5-A]PYRIMIDINE	SCHEPER, Paul, K.
OLIVER, Dana A.	DERIVATIVES WITH INHIBITORY	SWANSON, Ronald, R.
(74) ir. F.A. Geurts c.s.	ACTIVITY ON THE REPLICATION OF	GRAUZER, Attila
(31) 201313755934	THE RESPIRATORY SYNCYTIAL VIRUS	(74) ir. M.F.J.M. Ketelaars c.s.
(32) 31.01.2013	(RSV)	(31) 201213560792
(33) United States of America	(73) Janssen Sciences Ireland UC	(32) 27.07.2012
(47) 02.01.2019	(72) TAHRI, Abdellah	(33) United States of America
(51) A61M 25/10	VENDEVILLE, Sandrine, Marie, Helene	(47) 17.10.2018
B29L 31/00	JONCKERS, Tim, Hugo, Maria	(51) A63F 9/00
A61B 17/22	RABOISSON, Pierre, Jean-Marie, Bernard	A63F 1/06
B29C 47/00	DEMINE, Samuël, Dominique	A63F 3/00
(11) EP3266491	HU, Lili	(11) EP2941306
(21) EP17186304.6	COOYMANS, Ludwig, Paul	(21) EP13870050.5
(22) 17.06.2015	(74) ir. W.J.J.M. Kempes	(22) 07.03.2013
(54) MEDICAL BALLOON INCLUDING	(31) 14196782	(54) GAMING TABLES HAVING A TABLE
GROOVES	(32) 08.12.2014	TOP EXCHANGEABLE INSERT
(73) Covidien LP	(33) European Patent Office (EPO)	(73) GAMING PARTNERS INTERNATIONAL
(72) ANDERSON, Christopher	(47) 10.10.2018	CORPORATION

(72) GELINOTTE, Emmanuel MORENO, Francisco Javier GRONAU, Gregory	(54) BIOGAS UPGRADING (73) Purac Puregas AB (72) Karlsson, Lars-Evert	(22) 17.06.2009 (54) PROCESSING MATERIALS WITH ION BEAMS
(74) ir. M.F.J.M. Ketelaars c.s. (31) 201313733635 (32) 03.01.2013 (33) United States of America (47) 31.10.2018	(74) ir. M.F.J.M. Ketelaars c.s. (31) 282963 P 1050431 (32) 30.04.2010 30.04.2010	(73) Xyleco, Inc. (72) MEDOFF, Marshall (74) ir. W.J.J.M. Kempes (31) 73680 (32) 18.06.2008 (33) United States of America (47) 17.10.2018
(51) A63F 13/428 A63F 13/213 A63F 13/22 A63F 13/79 A63F 13/843 G06F 3/01	(33) United States of America Sweden (47) 24.10.2018	(51) B01J 29/40
(11) EP2424632 (21) EP10770333.2 (22) 29.04.2010 (54) MANAGING VIRTUAL PORTS (73) Microsoft Technology Licensing, LLC (72) STONE-PEREZ, Kathryn MARGOLIS, Jeffrey FINOCCHIO, Mark, J. KEANE, Brian, E. POOT, Rudy, Jacobus LATTA, Stephen, G.	(51) B01D 53/83 (11) EP2671626 (21) EP12004241.1 (22) 04.06.2012 (54) Method for cleaning gases from waste incineration with a sorbent recycle comprising a heat exchanger for cooling the sorbent (73) Hitachi Zosen Inova AG (72) Frey, Ruedi Halter, Roland Schneider, Adrian Wyss, Roland (74) ir. C.M. Jansen c.s. (47) 24.10.2018	(51) B01J 29/85 B01J 37/08 C01B 39/38 C01B 39/54 C07C 2/12 C07C 11/06 C07B 61/00 (11) EP2644269 (21) EP11843607.0 (22) 24.11.2011 (54) SHAPED SILICA BODY, PROCESS FOR PRODUCING SAME, AND METHOD FOR MANUFACTURING PROPYLENE USING SHAPED SILICA BODY (73) ASAHI KASEI KABUSHIKI KAISHA (72) AKAGISHI, Kenji MIYAZAKI, Ryusuke (74) J.M.H. Duyver lic.
(74) J.M.H. Duyver lic. (31) 434584 (32) 01.05.2009 (33) United States of America (47) 14.11.2018	(47) 24.10.2018 (51) B01D 71/60 B01D 63/00 B01D 69/02 (11) EP2376215 (21) EP09832594.7 (22) 11.12.2009 (54) FILTRATION MEMBRANE (73) The Regents of the University of California (72) HOEK, Eric M.V. GUILLEN, Gregory R. KANER, Richard B. FARRELL, Thomas P.	(73) J.M.H. Duyver lic. (31) 2010262752 (32) 25.11.2010 (33) Japan (47) 21.11.2018
(51) B01D 17/12 B04C 11/00 B01D 17/02 B04C 5/30	(74) J.M.H. Duyver lic. (31) 121672 P (32) 11.12.2008 (33) United States of America (47) 10.10.2018	(51) B01J 31/02 B01J 31/04 C07C 29/50 C07C 31/135 C07C 45/33 C07C 49/303 C07C 407/00 C07C 409/14 C07B 61/00 B01J 31/22 (11) EP2623199 (21) EP11828975.0 (22) 26.09.2011 (54) OXIDATION CATALYST FOR HYDROCARBON COMPOUND, AND METHOD AND APPARATUS FOR PRODUCING OXIDE OF HYDROCARBON COMPOUND USING SAME
(11) EP2934715 (21) EP13815478.6 (22) 19.12.2013 (54) A FLUID TREATMENT SYSTEM, A FLUID PROCESSING APPARATUS AND A METHOD OF TREATING A MIXTURE (73) National Oilwell Varco, L.P. (72) WOLF, Mark E. (74) J.M.H. Duyver lic. (31) 201213724833 (32) 21.12.2012 (33) United States of America (47) 05.12.2018	(51) B01D 21/24 E02F 7/04 (11) EP3194045 (21) EP15790300.6 (22) 24.08.2015 (54) ADJUSTABLE OVERFLOW SYSTEM (73) IHC Holland IE B.V. (72) KOEVOETS, Adrianus Josephus Petrus Marie VAN DER HORST, Arjen (74) ir. M.F.J.M. Ketelaars c.s. (31) 2013368 (32) 26.08.2014 (33) Netherlands (47) 05.12.2018	(51) B01J 13/04 A61K 9/127 B01F 3/08 B82Y 5/00 B82Y 40/00 (11) EP3235561 (21) EP15870074.0 (22) 18.12.2015 (54) LIPOSOME PRODUCTION METHOD AND LIPOSOME PRODUCTION DEVICE (73) FUJIFILM Corporation (72) SUGIYAMA Susumu YAMADA Naoki SUGIYAMA Shigehisa OKUBO Yohei (74) ir. C.M. Jansen c.s. (31) 2014257282 (32) 19.12.2014 (33) Japan (47) 14.11.2018
(51) B01D 53/14 B01D 53/62 C10L 3/10	(51) B01J 19/08 C10G 1/00 C10G 32/04 (11) EP2300148 (21) EP09767646.4	(73) Ube Industries, Ltd. (72) KUROSAWA Kazunori FUNATSU Joji KATAGIRI Naoya KUGIMOTO Junichi (74) ir. M.F.J.M. Ketelaars c.s. (31) 2011195542 2011188167 2010223534 (32) 08.09.2011 31.08.2011 01.10.2010 (33) Japan Japan Japan (47) 07.11.2018
(11) EP2563498 (21) EP11775382.2 (22) 29.04.2011		

- (51) B01J 31/22
C08G 64/34
- (11) EP3102327
(21) EP15702799.6
(22) 06.02.2015
(54) CATALYST
(73) Imperial Innovations Ltd
(72) WILLIAMS, Charlotte
SAINI, Prabhjot
ROMAIN, Charles
GARDEN, Jennifer
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201402109
(32) 07.02.2014
(33) United Kingdom
(47) 10.10.2018
-
- (51) B01L 3/00
(11) EP2819783
(21) EP13720547.2
(22) 15.02.2013
(54) SAMPLE PROCESSING DEVICE WITH
DETACHABLE SLIDE
(73) Ecole Polytechnique Fédérale de Lausanne
(EPFL)
(72) CIFTLIK, Ata Tuna
GIJS, Martin
(74) J. Hoekstra
(31) 256122012
(32) 27.02.2012
(33) Switzerland
(47) 10.10.2018
-
- (51) B01L 3/00
(11) EP2821138
(21) EP13175335.2
(22) 05.07.2013
(54) Flow cell with integrated dry substance
(73) THINXXS MICROTECHNOLOGY AG
(72) Lutz, Weber
Röser, Tina
(74) ir. F.A. Geurts c.s.
(47) 24.10.2018
-
- (51) B02C 18/18
(11) EP3012024
(21) EP15190485.1
(22) 20.10.2015
(54) SHEAR MACHINE FOR WASTE
MATERIAL
(73) FOR REC srl
(72) STRAHINIC, ZORAN
(74) ir. W.J.J.M. Kempes
(31) TV20140152
(32) 21.10.2014
(33) Italy
(47) 03.10.2018
-
- (51) B05B 1/30
B65D 83/14
B65D 83/20
B65D 83/44
(11) EP2667975
(21) EP12705968.1
(22) 25.01.2012
(54) VARIABLE SPRAY HEAD
(73) Peter Kwasny GmbH
(72) KWASNY, Hans-Peter
(74) ir. H.J.G. Lips c.s.
(31) 102011009627
(32) 28.01.2011
(33) Germany
- (47) 07.11.2018
-
- (51) B05B 15/00
B08B 17/06
B04C 5/04
B65G 53/00
F16L 43/00
B04C 5/13
(11) EP3184178
(21) EP15202292.7
(22) 23.12.2015
(54) POWDER COATING EQUIPMENT FOR
COATING WORKPIECES
(73) J. Wagner AG
(72) Loos, Eugen
Hirt, Joachim
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 17.10.2018
-
- (51) B09C 1/10
C02F 3/34
A62D 3/02
B09C 1/00
B09C 1/08
C05F 11/02
C02F 101/00
C02F 101/20
C02F 101/32
(11) EP3104988
(21) EP15711834.0
(22) 11.02.2015
(54) BIOCATALYTIC COMPOSITION FOR
TREATMENT OF SUBSTRATES
(73) Bioma SA
(72) BORTOLI, Elio Fabio
(74) ir. W.J.J.M. Kempes
(31) RM20140058
(32) 11.02.2014
(33) Italy
(47) 17.10.2018
-
- (51) B23D 57/00
(11) EP2464482
(21) EP10739622.8
(22) 03.08.2010
(54) METHOD FOR CUTTING STRUCTURAL
MEMBERS, SUCH AS LEGS, BEAMS, I-
BEAMS OR THE LIKE FOR SUPPORTING
STRUCTURES MADE OF STEEL,
CONCRETE, STEEL AND CONCRETE,
STONE-LIKE MATERIALS OR THE LIKE
(73) Ts R&d S.r.l.
(72) MATTEUCCI, Francesco
(74) ir. P.J. Hylarides c.s.
(31) GE20090065
(32) 13.08.2009
(33) Italy
(47) 10.10.2018
-
- (51) B23K 26/00
B23K 26/06
G03F 7/20
(11) EP2976176
(21) EP14710539.9
(22) 13.03.2014
(54) METHOD AND DEVICE FOR FORMING
A STRUCTURED SURFACE BY MEANS
OF A LASER BEAM
(73) Fraunhofer-Gesellschaft zur Förderung der
angewandten Forschung e.V.
(72) ROCH, Teja
BENKE, Dimitri
- LASAGNI, Andrés, Fabián
(74) ir. W.J.J.M. Kempes
(31) 102013004869
(32) 21.03.2013
(33) Germany
(47) 03.10.2018
-
- (51) B23K 35/38
B23K 9/167
B23K 9/173
B23K 9/23
(11) EP3189931
(21) EP17150514.2
(22) 06.01.2017
(54) METHOD FOR WELDING AUSTENITIC
MATERIALS
(73) Messer Group GmbH
(72) Kampffmeyer, Dirk
Wankum, Achim
Hildebrandt, Bernd
(74) ir. W.J.J.M. Kempes
(31) 102016000218
(32) 09.01.2016
(33) Germany
(47) 03.10.2018
-
- (51) B25B 27/10
F16L 13/14
(11) EP3020509
(21) EP15192095.6
(22) 29.10.2015
(54) PRESS TOOL WITH OPPOSING AXIAL
HUB
(73) Viega Technology GmbH & Co. KG
(72) Hofmann, Frank
(74) ir. J.M.G. Dohmen c.s.
(31) 102014116597
(32) 13.11.2014
(33) Germany
(47) 05.12.2018
-
- (51) B28B 1/00
B28B 3/20
B28B 3/26
B28B 17/00
(11) EP2886277
(21) EP15150702.7
(22) 31.10.2012
(54) Method and apparatus for delivery of
cementitious material
(73) Concrenetics
(72) Austin,, Simon
Buswell,, Richard Andrew
Lim,, Sungwoo
Webster,, John
(74) dr. W.A.H.M. Van Borm
(31) 201118807
(32) 01.11.2011
(33) United Kingdom
(47) 12.12.2018
-
- (51) B29C 47/90
B29C 47/88
B29C 47/34
B29C 47/92
B29C 55/28
B29C 47/20
(11) EP2801467
(21) EP13167100.0
(22) 08.05.2013
(54) Calibration device for calibrating an extruded
tubular film

(73) Kdesign GmbH	(22) 12.06.2014	G03F 7/20
(72) Zimmermann, Richard Fähling, Gerd	(54) METHOD FOR PRODUCING A LIGHTWEIGHT TEXTURED SHOWER TRAY	H04N 1/405 G03F 5/12 B41C 1/05
(74) J.M.H. Duyver lic.	(73) Novaralis Sl.	(11) EP1608507
(47) 10.10.2018	(72) MORATA LOPEZ, Daniel	(21) EP04718872.7
(51) B29C 64/135	(74) ir. P.J. Hylarides c.s.	(22) 09.03.2004
B33Y 40/00	(31) 201300561	(54) FLEXOGRAPHIC PRINTING
(11) EP2958719	(32) 13.06.2013	(73) Kodak Canada ULC
(21) EP14754937.2	(33) Spain	(72) MCCREA, Devon, James MILLER, Stephen, Hughes
(22) 20.02.2014	(47) 03.10.2018	(74) ir. F.A. Geurts c.s.
(54) METHOD FOR FORMING THREE- DIMENSIONAL OBJECTS USING LINEAR SOLIDIFICATION	(51) B29C 70/52	(31) 2422132
(73) Global Filtration Systems, A DBA of Gulf Filtration Systems Inc.	(11) EP2697041	453544 P
(72) EL-SIBLANI, Ali SHKOLNIK, Alexandr	(21) EP11716123.2	736216
(74) ir. C.M. Jansen c.s.	(22) 12.04.2011	(32) 11.03.2003
(31) 201313774355	(54) IMPREGNATION SECTION OF DIE AND METHOD FOR IMPREGNATING FIBER ROVINGS	12.03.2003 15.12.2003
(32) 22.02.2013	(73) Ticona LLC	(33) Canada
(33) United States of America	(72) TIBOR, Timothy, L. REGAN, Timothy, A. JOHNSON, Aaron, H. EASTEP, David, W.	United States of America United States of America
(47) 17.10.2018	(74) J.M.H. Duyver lic.	(47) 07.11.2018
(51) B29C 64/165	(47) 17.10.2018	(51) B41F 15/42
B33Y 10/00	(51) B32B 5/02	B41F 15/08
B33Y 30/00	B32B 5/26	H05K 3/34
B33Y 40/00	B32B 7/02	H05K 3/12
(11) EP2892708	C08J 5/24	(11) EP2977206
(21) EP13834949.3	(11) EP2799470	(21) EP13878914.4
(22) 30.08.2013	(21) EP12861258.7	(22) 22.03.2013
(54) THREE-DIMENSIONAL PRINTING SYSTEM AND EQUIPMENT ASSEMBLY	(22) 20.12.2012	(54) SCREEN PRINTING MACHINE
(73) Aprecia Pharmaceuticals LLC	(54) CARBON FIBER BASE, PREPREG, AND CARBON-FIBER-REINFORCED COMPOSITE MATERIAL	(73) FUJI Corporation
(72) YOO, Jaedeok	(73) Toray Industries, Inc.	(72) MIZUNO Manabu SUZUKI Hiromi HACHISUKA Koji
BRADBURY, Thomas, J. BEBB, Thomas, J. ISKRA, James SURPRENANT, Henry, L. WEST, Thomas, G.	(72) NARIMATSU, Kaori HIRANO, Noriyuki HONMA, Masato TSUCHIYA, Atsuki KITANO, Akihiko	(74) ir. M.F.J.M. Ketelaars c.s.
(74) J.M.H. Duyver lic.	(74) J.M.H. Duyver lic.	(47) 07.11.2018
(31) 201261696839 P	(31) 2011283400	(51) B41J 2/08
(32) 05.09.2012	(32) 26.12.2011	B41J 2/115
(33) United States of America	(33) Japan	(11) EP2714405
(47) 10.10.2018	(47) 28.11.2018	(21) EP12727462.9
(51) B29C 65/16	(51) B32B 17/10	(22) 23.05.2012
B01L 3/00	C08K 5/00	(54) SYSTEM AND METHOD FOR LIQUID EJECTION
F16K 99/00	G02B 27/01	(73) Eastman Kodak Company
B29C 65/00	C08J 5/18	(72) PANCHAWAGH, Hrishikesh, V. MARCUS, Michael, Alan KATERBERG, James, A.
B29L 31/00	(11) EP2817152	(74) ir. G.P. den Braber
(11) EP2687290	(21) EP13710507.8	(31) 201113115434
(21) EP13170571.7	(22) 22.02.2013	201113115421
(22) 05.06.2013	(54) THERMOPLASTIC SHEET FOR A HEADS-UP DISPLAY SYSTEM	(32) 25.05.2011
(54) Microfluidic storage device for storing a fluid, method for its manufacture and use of the same	(73) Sekisui Chemical Co., Ltd.	25.05.2011
(73) ROBERT BOSCH GMBH	(72) SABLAYROLLES, Jean CLABAU, Frédéric LABROT, Michael	(33) United States of America United States of America
(72) Brettschneider, Thomas Rothacher, Peter	(74) ir. M.F.J.M. Ketelaars c.s.	(47) 24.10.2018
(74) ir. C.M. Jansen c.s.	(31) 1251718	(51) B41J 3/28
(31) 102012212650	(32) 24.02.2012	(11) EP3156241
(32) 19.07.2012	(33) France	(21) EP15189372.4
(33) Germany	(47) 31.10.2018	(22) 12.10.2015
(47) 24.10.2018	(51) B41C 1/00	(54) A MOVING GANTRY FLATBED TABLE INKJET PRINTER
(51) B29C 70/34	B41C 1/02	(73) AGFA NV
A47K 3/40	B41M 1/04	(72) Barrett, Mark
B29C 70/08	B41N 1/12	(47) 10.10.2018
B29C 70/18		(51) B41J 11/00
(11) EP3009056		B41J 13/22
(21) EP14810831.9		(11) EP3100867
		(21) EP16001263.9

(22) 03.06.2016	(31) 102015012624	(31) UB20153187
(54) PRINTING PRESS	(32) 26.09.2015	(32) 21.08.2015
(73) Komori Corporation	(33) Germany	(33) Italy
(72) Suda, Hiroyuki	(47) 28.11.2018	(47) 17.10.2018
Kiyota, Hirotaka	(51) B62B 3/02	(51) B62J 17/08
(74) ir. J.M.G. Dohmen c.s.	B62B 3/12	(11) EP3003843
(31) 2015114514	B62B 3/10	(21) EP14728118.2
(32) 05.06.2015	B62B 5/00	(22) 23.05.2014
(33) Japan	(11) EP3030471	(54) WEATHER PROTECTION DEVICE FOR
(47) 26.12.2018	(21) EP14750200.9	REMOVABLY ATTACHING TO A TWO-
(51) B41J 13/22	(22) 07.08.2014	OR MULTI-WHEELED VEHICLE
B41F 31/00	(54) FOLDABLE TRANSPORT TROLLEY	(73) Allnew Ag
(11) EP3100868	(73) MS-Trade GmbH	(72) WUTTIG, René
(21) EP16001262.1	(72) MURABE, Shoichi	(74) ir. F.A. Geurts c.s.
(22) 03.06.2016	(74) ir. C.M. Jansen c.s.	(31) 102013105423
(54) PRINTING PRESS	(31) 102013013339	(32) 27.05.2013
(73) Komori Corporation	(32) 09.08.2013	(33) Germany
(72) Suda, Hiroyuki	(33) Germany	(47) 10.10.2018
Kondo, Hayato	(47) 17.10.2018	(51) B62M 6/55
Kubo, Toshinori	(51) B62B 7/10	B62M 9/04
(74) ir. J.M.G. Dohmen c.s.	B62B 7/14	(11) EP2376324
(31) 2015114515	B62B 9/10	(21) EP09744151.3
(32) 05.06.2015	(11) EP2371671	(22) 30.10.2009
(33) Japan	(21) EP11158679.8	(54) HYBRID BICYCLE DRIVE
(47) 26.12.2018	(22) 17.03.2011	(73) Robert Bosch GmbH
(51) B60C 11/13	(54) Collapsible stroller apparatus	(72) KIMMICH, Peter
B60C 11/04	(73) Nuna International B.V.	KUSTOSCH, Mario
(11) EP3230091	(72) Homan, Maurits	KOHLRAUSCH, Philipp
(21) EP15808245.3	van der Schoor, Thomas	(74) ir. C.M. Jansen c.s.
(22) 11.12.2015	Baas, Erik	(31) 102008054505
(54) DEVICE FOR ATTENUATING ROAD	Mountz, Jonathan K.	102009045447
NOISE FOR A TIRE	(74) ir. M.F.J.M. Ketelaars c.s.	(32) 11.12.2008
(73) MICHELIN Recherche et Technique S.A.	(31) 341549 P	07.10.2009
Compagnie Générale des Etablissements	987283	(33) Germany
Michelin	(32) 01.04.2010	Germany
(72) ROTY, Gael	10.01.2011	(47) 10.10.2018
(74) ir. F.A. Geurts c.s.	(33) United States of America	(51) B63B 3/68
(31) 1462335	United States of America	E04B 1/94
(32) 12.12.2014	(47) 31.10.2018	E04C 2/292
(33) France	(51) B62B 7/10	E04C 2/32
(47) 17.10.2018	B62B 7/14	(11) EP3118100
(51) B60R 3/00	B62B 9/10	(21) EP16177529.1
(11) EP2137029	(11) EP2371672	(22) 01.07.2016
(21) EP08718917.1	(21) EP11160676.0	(54) WALL STRUCTURE
(22) 20.03.2008	(22) 31.03.2011	(73) Piikkio Works Oy
(54) COMBINATION LOAD BED AND	(54) Mounting system for installing a child	(72) Pietilä, Jussi
PLATFORM FOR A VEHICLE	support accessory on a stroller frame	Hentunen, Kari
(73) Trailer Safe Systems Limited	(73) Nuna International B.V.	(74) ir. F.A. Geurts c.s.
(72) RENDER, Stephen	(72) Homan, Maurits	(31) 20155555
SLATER, Robert, William	van der Schoor, Thomas	(32) 14.07.2015
(74) ir. A. Ferguson	Baas, Erik	(33) Finland
(31) 0705687	Mountz, Jonathan K.	(47) 17.10.2018
(32) 24.03.2007	(74) ir. M.F.J.M. Ketelaars c.s.	(51) B63B 27/30
(33) United Kingdom	(31) 341549 P	B66C 23/53
(47) 03.10.2018	987493	B65G 67/60
(51) B60R 9/02	(32) 01.04.2010	B66D 1/52
B62D 33/06	10.01.2011	F16F 9/06
(11) EP3147160	(33) United States of America	(11) EP2982638
(21) EP16001831.3	United States of America	(21) EP14180370.0
(22) 19.08.2016	(47) 31.10.2018	(22) 08.08.2014
(54) STORAGE STRUCTURE FOR	(51) B62J 15/04	(54) Multi function heave compensator
A COMMERCIAL VEHICLE, IN	(11) EP3138765	(73) Ernst-B. Johansen AS
PARTICULAR A HEAVY GOODS	(21) EP16183246.4	(72) Bergem, Oddbjørn
VEHICLE	(22) 08.08.2016	Sannes, Stian
(73) MAN Truck & Bus AG	(54) SPLASH GUARDS FOR BICYCLE	(74) ir. F.A. Geurts c.s.
(72) Gündogdu, Oguzhan	FENDERS	(47) 10.10.2018
Siflinger, Markus	(73) Eurofender s.r.l.	(51) B63H 9/06
(74) ir. J.M.G. Dohmen c.s.	(72) Silvestri, Alberto	

D04H 3/04	(72) PY, Daniel	United Kingdom
D04H 3/05	(74) ir. H.V. Mertens c.s.	(47) 24.10.2018
B32B 7/04	(31) 201261686867 P	(51) B65D 47/08
B32B 27/08	(32) 13.04.2012	B65D 51/24
B32B 27/12	(33) United States of America	B65D 43/16
B32B 37/06	(47) 03.10.2018	B65D 39/16
B32B 37/10	(51) B65B 55/08	(11) EP2558379
B32B 3/08	A61L 2/08	(21) EP11769233.5
B32B 37/12	B65B 55/04	(22) 28.02.2011
B32B 3/26	B65G 47/30	(54) BOTTLE CLOSURE WITH INTEGRATED
B29C 65/00	B65G 47/84	FLIP TOP HANDLE
B32B 37/00	(11) EP2772446	(73) Runway Blue, LLC
B29C 65/02	(21) EP12844313.2	(72) MEYERS, David O.
(11) EP2439133	(22) 24.10.2012	SORENSEN, Steven M.
(21) EP11184131.8	(54) CONTINUOUS STERILIZATION SYSTEM	(74) ir. M.F.J.M. Ketelaars c.s.
(22) 06.10.2011	(73) Airex Co., Ltd.	(31) 762292
(54) Method for manufacturing a membrane	(72) KAWASAKI, Koji	(32) 16.04.2010
material	KAKUDA, Daisuke	(33) United States of America
(73) Elvstrøm Sails A/S	KAMINO, Mitsuo	(47) 03.10.2018
(72) Olsen, Claus	TSUJI, Norihiko	(51) B65D 71/06
(74) ir. P.J. Hylarides c.s.	MASUDOME, Jun	(11) EP3184458
(31) 201000907	(74) J.M.H. Duyver lic.	(21) EP15202103.6
(32) 06.10.2010	(31) 2011234630	(22) 22.12.2015
(33) Denmark	(32) 26.10.2011	(54) STRETCH HOOD ARRANGEMENT
(47) 03.10.2018	(33) Japan	(73) Trioplast Nyborg A/S
(51) B63H 23/24	(47) 26.12.2018	(72) CHRISTENSEN, Dan
B63H 5/14	(51) B65D 19/38	(74) ir. M.F.J.M. Ketelaars c.s.
B63H 20/00	(11) EP2637942	(47) 17.10.2018
(11) EP3000718	(21) EP11728772.2	(51) B65D 77/04
(21) EP15186829.6	(22) 24.05.2011	B65D 81/38
(22) 25.09.2015	(54) AUXILIARY TRANSPORT UNIT IN	B65D 81/32
(54) ELECTRICAL PROPULSION DEVICE	PARTICULAR FOR PALLETS	B65D 85/50
(73) Yamaha Hatsudoki Kabushiki Kaisha	(73) Synergie-Invest GmbH & Co. KG	(11) EP2935040
(72) SUZUKI, Takayoshi	(72) MAIWORM, Frank	(21) EP13811176.0
HIRAOKA, Noriyoshi	VAN DOORN, Glenn	(22) 16.12.2013
ONOUÉ, Akihiro	VERSTAPPEN, Frans	(54) PACKAGING FOR CONSUMABLE
KUMITA, Atsushi	DEN BESTEN, Peter	PRODUCTS, ESPECIALLY FOOD
TASAKA, Yoshiaki	(74) J.M.H. Duyver lic.	PRODUCTS
(74) ir. M.F.J.M. Ketelaars c.s.	(31) 102011008019	(73) Maloux, Jean-louis
(31) 2014196964	102010051236	(72) Maloux, Jean-louis
(32) 26.09.2014	(32) 05.01.2011	(74) drs. C.M.A. Quintelier
(33) Japan	12.11.2010	(31) 201200876
(47) 07.11.2018	(33) Germany	(32) 21.12.2012
(51) B64F 5/00	Germany	(33) Belgium
(11) EP3191369	(47) 10.10.2018	(47) 10.10.2018
(21) EP15763287.8	(51) B65D 21/02	(51) B65D 83/08
(22) 08.09.2015	B65D 77/20	B65H 35/00
(54) POD REPAIR UNIT	B65D 81/20	B65D 85/67
(73) Thales	B65B 51/02	(11) EP3088329
(72) BIHANNIC, Didier	B65B 51/10	(21) EP16172961.1
(74) ir. A.R. Aalbers	(11) EP2845819	(22) 17.05.2007
(31) 1402015	(21) EP14186025.4	(54) CONTAINER FOR DISPENSING
(32) 08.09.2014	(22) 10.01.2011	MATERIAL FROM A ROLL
(33) France	(54) SEALABLE CONTAINER AND	(73) DOT-IT Restaurant Fulfillment, LLC
(47) 10.10.2018	PROCESSES FOR MAKING A SEALABLE	(72) COOPER, Gary W.
(51) B65B 51/02	CONTAINER AND A SEALED	NICHOLSON, Benjamin
B65B 55/08	CONTAINER	SULLINS, Patrick H.
B65B 55/10	(73) Linpac Packaging Limited	SUTTON, Brett A.
B65B 61/00	(72) Hardwick, Craig	(74) J.M.H. Duyver lic.
B65B 3/00	Davey, Alan, John,	(31) 801852 P
B65B 7/16	Parker, David	749483
B65B 39/00	Howden, Stephen	(32) 19.05.2006
(11) EP2836433	(74) ir. H.J.G. Lips c.s.	16.05.2007
(21) EP13775294.5	(31) 201000310	(33) United States of America
(22) 12.04.2013	201011918	United States of America
(54) MODULAR FILLING APPARATUS AND	(32) 08.01.2010	(47) 05.12.2018
METHOD	15.07.2010	(51) B65D 83/64
(73) Dr. Py Institute LLC	(33) United Kingdom	

- B65D 83/66
 (11) EP3022132
 (21) EP14767112.7
 (22) 17.07.2014
 (54) FOAM DISPENSER
 (73) Airopack Technology Group B.V.
 (72) BROUWER, Mark
 KEGELS, Willy Leonard A.
 (74) drs. O. Griebbling
 (31) 12782013
 (32) 17.07.2013
 (33) Switzerland
 (47) 31.10.2018
-
- (51) B65D 85/804
 A47J 31/06
 A47J 31/36
 (11) EP2778098
 (21) EP14167018.2
 (22) 30.12.2009
 (54) System and method for preparing a predetermined quantity of beverage
 (73) Koninklijke Douwe Egberts B.V.
 (72) Wong, Kon Euan Gerard
 Brandt, Guido
 Koeling, Hendrik Cornelis
 Kamerbeek, Ralf
 Biesheuvel, Arend Cornelis Jacobus
 (74) ir. C.M. Jansen c.s.
 (31) 09162934
 09162998
 09162995
 09162982
 (32) 17.06.2009
 17.06.2009
 17.06.2009
 17.06.2009
 (33) European Patent Office (EPO)
 European Patent Office (EPO)
 European Patent Office (EPO)
 European Patent Office (EPO)
 (47) 03.10.2018
-
- (51) B65G 47/52
 B65G 47/96
 (11) EP3030507
 (21) EP14753197.4
 (22) 07.08.2014
 (54) OPERATING A SORTING SYSTEM FOR ITEMS HAVING VARIATING SIZE
 (73) BEUMER Group A/S
 (72) LYKKEGAARD, Uffe
 STAUN, Jørgen
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 201370435
 (32) 08.08.2013
 (33) Denmark
 (47) 10.10.2018
-
- (51) B66C 23/20
 B66C 23/26
 E04G 3/34
 B66D 1/60
 (11) EP2911971
 (21) EP13848766.5
 (22) 24.10.2013
 (54) HOISTING PLATFORM SYSTEM
 (73) Pruskauer, Mark Alan
 (72) Pruskauer, Mark Alan
 (74) ir. H.J.G. Lips c.s.
 (31) 201261718505 P
- (32) 25.10.2012
 (33) United States of America
 (47) 10.10.2018
-
- (51) B66F 11/04
 E04G 1/22
 (11) EP3080035
 (21) EP14870055.2
 (22) 09.12.2014
 (54) VERTICALLY ELEVATING MOBILE WORK PLATFORM
 (73) Haessler Inc.
 (72) HAESSLER, Wolfgang
 BRYDGES, Mickey
 VALLIER, Jonathan
 NIELSEN, Eric
 DESROCHES, David
 (74) dr. A. Krebs
 (31) 201361913629 P
 201462059011 P
 (32) 09.12.2013
 02.10.2014
 (33) United States of America
 United States of America
 (47) 10.10.2018
-
- (51) C01B 15/013
 C01B 15/023
 (11) EP2935096
 (21) EP13811223.0
 (22) 19.12.2013
 (54) A PROCESS FOR MANUFACTURING A PURIFIED AQUEOUS HYDROGEN PEROXIDE SOLUTION
 (73) Solvay SA
 (72) BLOOMFIELD, Stephen
 (74) ir. W.J.J.M. Kempes
 (31) 12198510
 (32) 20.12.2012
 (33) European Patent Office (EPO)
 (47) 03.10.2018
-
- (51) C01F 11/18
 D21C 11/00
 (11) EP2609036
 (21) EP11820430.4
 (22) 19.08.2011
 (54) LIME CAUSTICIZATION PRODUCT BRIGHTNESS IMPROVEMENT VIA PRE-SLAKING
 (73) Specialty Minerals (Michigan) Inc.
 (72) SOHARA, Joseph, A.
 HANCHETT, Keith
 PETERS, David, Lewis
 (74) ir. C.M. Jansen c.s.
 (31) 376440 P
 (32) 24.08.2010
 (33) United States of America
 (47) 10.10.2018
-
- (51) C01G 45/00
 C09D 5/33
 C09D 7/40
 C09K 3/00
 C01G 23/00
 C01G 45/12
 C09D 1/00
 (11) EP3075709
 (21) EP14865896.6
 (22) 27.11.2014
 (54) BLACK FINE PARTICULATE NEAR-INFRARED REFLECTIVE MATERIAL,
 METHOD FOR MANUFACTURING SAME, AND USAGE FOR SAME
 (73) Ishihara Sangyo Kaisha, Ltd.
 (72) ISOBE Kaoru
 SANEFUJII Norihiko
 KATAOKA Kenji
 (74) ir. W.J.J.M. Kempes
 (31) 2013247165
 (32) 29.11.2013
 (33) Japan
 (47) 17.10.2018
-
- (51) C02F 1/28
 B01D 39/20
 (11) EP1781573
 (21) EP05745454.8
 (22) 05.05.2005
 (54) FILTERS HAVING IMPROVED PERMEABILITY AND VIRUS REMOVAL CAPABILITIES
 (73) Helen of Troy Limited
 (72) COLLIAS, Dimitris, Ioannis
 GOLDMAN, Stephen, Allen
 MITCHELL, Michael, Donovan
 (74) J.M.H. Duyver lic.
 (31) 840578
 (32) 06.05.2004
 (33) United States of America
 (47) 10.10.2018
-
- (51) C02F 11/18
 (11) EP3328802
 (21) EP16736199.7
 (22) 08.07.2016
 (54) PROCESS AND FACILITY FOR SEMI-CONTINUOUS THERMAL HYDROLYSIS OF SLUDGE
 (73) Veolia Water Solutions & Technologies Support
 (72) AUPETIT, Thierry
 (74) ir. W.J.J.M. Kempes
 (31) 1557397
 (32) 31.07.2015
 (33) France
 (47) 03.10.2018
-
- (51) C03C 8/00
 C03C 3/062
 C03C 3/066
 C03C 3/089
 C03C 8/06
 C03C 8/14
 C03C 8/20
 C03C 17/34
 C03B 23/00
 C23D 5/00
 C03C 8/04
 C03C 8/18
 (11) EP3022164
 (21) EP14826644.8
 (22) 17.06.2014
 (54) METHOD OF FORMING DURABLE GLASS ENAMEL
 (73) Ferro Corporation
 (72) SAKOSKE, George E.
 MAITLAND, Phil
 SPEER, Dietrich
 WALTER, Frank
 (74) ir. C.M. Jansen c.s.
 (31) 201361847100 P
 (32) 17.07.2013

(33) United States of America	(47) 10.10.2018	C07D 403/12
(47) 10.10.2018	(51) C07C 47/02	C07D 403/14
(51) C04B 24/38	C11B 9/00	C07D 405/10
C04B 28/14	A61K 8/33	C07D 471/04
C04B 40/00	A61Q 13/00	C07D 471/10
C04B 24/14	(11) EP3072876	C07D 487/04
(11) EP2771303	(21) EP16161019.1	C07D 491/10
(21) EP12799486.1	(22) 17.03.2016	(11) EP2029551
(22) 04.12.2012	(54) ALDEHYDE COMPOUNDS AND THEIR USE IN PERFUME COMPOSITIONS	(21) EP07733716.0
(54) A METHOD FOR REDUCING AGGLOMERATION IN GYPSUM PLASTER OR FILLING COMPOSITIONS COMPRISING CELLULOSE ETHER	(73) International Flavors & Fragrances Inc.	(22) 25.05.2007
(73) Dow Global Technologies LLC	(72) Closson, Adam P.	(54) PYRIDINONE AND PYRIDAZINONE DERIVATIVES AS INHIBITORS OF POLY(ADP-RIBOSE)POLYMERASE (PARP)
(72) NEUBAUER, Joerg	Oesterle, Ryan	(73) MSD Italia S.r.l.
SCHARLEMANN, Sonja	Levors, Jr., Anthony T.	(72) JONES, Philip
(74) ir. J.D. de Zeeuw	Narula, Anubhav P.S.	KINZEL, Olaf
(31) 201161568899 P	Monteleone, Michael G.	PESCATORE, Giovanna
(32) 09.12.2011	(74) ir. W.J.J.M. Kempes	LLAUGER BUFI, Laura
(33) United States of America	(31) 201562139154 P	SCHULTZ-FADEMRECHT, Carsten
(47) 31.10.2018	(32) 27.03.2015	FERRIGNO, Federica
(51) C04B 35/447	(33) United States of America	(74) ir. C.M. Jansen c.s.
C04B 35/626	(47) 10.10.2018	(31) 0610680
C04B 38/00	(51) C07D 215/227	(32) 31.05.2006
A61L 27/00	C07D 215/44	(33) United Kingdom
(11) EP2147906	C07D 215/46	(47) 31.10.2018
(21) EP08721284.1	C07D 215/48	(51) C07D 277/56
(22) 04.03.2008	A61K 31/4706	A61K 31/426
(54) METHOD FOR PRODUCTION OF POROUS CERAMIC MATERIAL	A61K 31/4709	A61P 19/06
(73) Kuraray Co., Ltd.	A61K 31/4375	(11) EP1956014
(72) KUWAYAMA, Tomoya	C07D 401/04	(21) EP08005933.0
HOTTA, Yuji	C07D 401/12	(22) 18.06.1999
(74) ir. H.V. Mertens c.s.	C07D 401/14	(54) Polymorphs of 2-(3-cyano-4-isobutyloxyphenyl)-4-methyl-5-thiazolecarboxylic acid and method of producing the same
(31) 2007062282	C07D 405/04	(73) Teijin Pharma Limited
(32) 12.03.2007	C07D 405/14	(72) Matsumoto, Kolchi
(33) Japan	C07D 409/12	Watanabe, Kenzo
(47) 19.12.2018	C07D 409/14	Hiramatsu, Toshiyuki
(51) C07C 37/08	C07D 413/04	Kitamura, Mitsutaka
C07C 39/04	(11) EP2970127	(74) ir. J.M.G. Dohmen c.s.
C07C 45/53	(21) EP14713394.6	(31) 17307998
C07C 49/403	(22) 12.03.2014	(32) 19.06.1998
C07C 2/74	(54) 2,3-DISUBSTITUTED 1-ACYL-4-AMINO-1,2,3,4-TETRAHYDROQUINOLINE DERIVATIVES AND THEIR USE AS BROMODOMAIN INHIBITORS	(33) Japan
C07C 13/28	(73) GlaxoSmithKline Intellectual Property (No. 2) Limited	(47) 16.01.2019
C07C 409/14	(72) AMANS, Dominique	(51) C07D 413/04
C07C 407/00	ATKINSON, Stephen John	A01N 43/80
(11) EP2922811	HARRISON, Lee Andrew	A01P 17/00
(21) EP13795675.1	HIRST, David Jonathan	(11) EP3218369
(22) 13.11.2013	LAW, Robert Peter	(21) EP15797744.8
(54) PROCESS FOR PRODUCING PHENOL AND CYCLOHEXANONE	LINDON, Matthew	(22) 06.11.2015
(73) ExxonMobil Chemical Patents Inc.	PRESTON, Alexander	(54) DIARYL ISOXAZOLINE COMPOUND
(72) KUECHLER, Keith, Holroyd	SEAL, Jonathan Thomas	(73) Elanco Tiergesundheit AG
SMITH, Charles, Morris	WELLAWAY, Christopher Roland	(72) GAUVRY, Noëlle
BENITEZ, Francisco, Manuel	(74) dr. A. Krebs	GOEBEL, Thomas
WANG, Kun	(31) 201361781583 P	NANCHEN, Steve
NAIR, Hari	201361882798 P	PERRET, Jean-Luc
REINE, Travis, Allen	(32) 14.03.2013	ROOS, Ulrich
KISS, Gabor	26.09.2013	SCHORDERET WEBER, Sandra
GARCIA, Roberto	(33) United States of America	(74) ir. H.V. Mertens c.s.
BECKER, Christopher, Lynn	United States of America	(31) 14192483
(74) ir. W.J.J.M. Kempes	(47) 24.10.2018	(32) 10.11.2014
(31) 201261729019 P	(51) C07D 237/14	(33) European Patent Office (EPO)
13153675	C07D 401/10	(47) 12.12.2018
(32) 21.11.2012	C07D 401/12	(51) C07D 471/04
01.02.2013	C07D 401/14	A61K 31/437
(33) United States of America	C07D 403/10	A61P 29/00
European Patent Office (EPO)		

- A61P 37/02
 (11) EP3239151
 (21) EP17172541.9
 (22) 14.03.2014
 (54) P2X7 MODULATORS
 (73) Janssen Pharmaceutica NV
 (72) ALCAZAR VACA, Manuel Jesus
 ALLISON, Brett, D.
 ANDRES GIL, Jose Ignacio
 CHROVIAN, Christa, C.
 COATE, Heather, R.
 DE ANGELIS, Meri
 DENG, Xiaohu
 DVORAK, Curt, A.
 GELIN, Christine, F.
 LETAVIC, Michael, A.
 LIANG, Jimmy, T.
 MANI, Neelakandha, S.
 RECH, Jason, C.
 SAVALL, Brad, M.
 SOYODE-JOHNSON, Akinola
 STENNE, Brice, M.
 SWANSON, Devin, M.
 WALL, Jessica, L.
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 201361786260 P
 (32) 14.03.2013
 (33) United States of America
 (47) 07.11.2018
 (51) C07F 9/24
 A61P 25/28
 A61K 31/661
 (11) EP3112372
 (21) EP16001739.8
 (22) 26.04.2013
 (54) PANTOTHENATE DERIVATIVES FOR
 THE TREATMENT OF NEUROLOGIC
 DISORDERS
 (73) Retrophin, Inc.
 (72) Vaino, Andrew
 Biestek, Marek
 Shkreli, Martin
 (74) ir. J.M.G. Dohmen c.s.
 (31) 201261639602 P
 (32) 27.04.2012
 (33) United States of America
 (47) 07.11.2018
 (51) C07H 7/02
 C07K 9/00
 A23L 2/56
 (11) EP3250580
 (21) EP16702371.2
 (22) 26.01.2016
 (54) SUGAR-DIPEPTIDE CONJUGATES AS
 FLAVOR MOLECULES
 (73) Nestec S.A.
 (72) SMARRITO-MENOZZI, Candice Marie
 VITON, Florian
 HOFMANN, Thomas
 KRANZ, Maximilian
 (74) ir. F.A. Geurts c.s.
 (31) 15153278
 (32) 30.01.2015
 (33) European Patent Office (EPO)
 (47) 24.10.2018
 (51) C07K 1/16
 B01D 15/08
 B01D 15/36
 C07K 1/18
 G01N 30/86
 (11) EP3019516
 (21) EP14745049.8
 (22) 11.07.2014
 (54) ELUCIDATION OF ION EXCHANGE
 CHROMATOGRAPHY INPUT
 OPTIMIZATION
 (73) F. Hoffmann-La Roche AG
 (72) MCDONALD, Daniel
 PATAPOFF, Thomas
 WANG, Yajun
 (74) drs. C.M.A. Quintelier
 (31) 201361845890 P
 (32) 12.07.2013
 (33) United States of America
 (47) 14.11.2018
 (51) C07K 1/36
 A23J 1/20
 A23C 9/142
 A23J 3/08
 (11) EP2956469
 (21) EP14751891.4
 (22) 18.02.2014
 (54) METHODS AND COMPOSITIONS FOR
 PROTEIN CONCENTRATION
 (73) Wisconsin Alumni Research Foundation
 Dairy Management Inc.
 (72) ETZEL, Mark, R.
 ARUNKUMAR, Abhiram
 AGARWAL, Shantanu
 (74) dr. W.A.H.M. Van Borm
 (31) 201361766010 P
 (32) 18.02.2013
 (33) United States of America
 (47) 05.12.2018
 (51) C07K 5/09
 C07K 5/083
 C07K 5/087
 A61K 38/05
 A61P 29/00
 (11) EP3049428
 (21) EP14771588.2
 (22) 23.09.2014
 (54) ANTI-INFLAMMATORY TRIPEPTIDES
 (73) Dr. August Wolff GmbH & Co. KG
 Arzneimittel
 (72) SOEBERDT, Michael
 KNIE, Ulrich
 ABELS, Christoph
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 13185543
 (32) 23.09.2013
 (33) European Patent Office (EPO)
 (47) 07.11.2018
 (51) C07K 14/705
 A61K 38/17
 A61K 9/20
 (11) EP3059245
 (21) EP15196071.3
 (22) 25.07.2005
 (54) ACTRII RECEPTOR ANTAGONISTIC
 ANTIBODIES
 (73) Acceleron Pharma Inc.
 (72) KNOPF, John
 SEEHRA, Jasbir
 (74) ir. F.A. Geurts c.s.
 (31) 590765 P
 (32) 23.07.2004
 (33) United States of America
 (47) 07.11.2018
 (51) C07K 16/24
 C12N 15/70
 (11) EP2850100
 (21) EP13723086.8
 (22) 13.05.2013
 (54) RECOMBINANT BACTERIAL HOST
 CELL FOR PROTEIN EXPRESSION
 (73) UCB Biopharma SPRL
 (72) BASSETT, Philip Jonathan
 HUMPHREYS, David Paul
 PATEL, Pareshkumar Manjibhai
 (74) ir. C.M. Jansen c.s.
 (31) 201208367
 (32) 14.05.2012
 (33) United Kingdom
 (47) 10.10.2018
 (51) C08F 12/00
 C08F 8/22
 C08K 5/00
 (11) EP2158233
 (21) EP08770420.1
 (22) 06.06.2008
 (54) ADDUCTS, ADDUCTS AND
 OLIGOMERS, OR ADDUCTS,
 OLIGOMERS AND LOW MOLECULAR
 WEIGHT POLYMERS, AND THEIR
 PREPARATION
 (73) Albemarle Corporation
 (72) LAYMAN, William, J., Jr.
 MACK, Arthur, G.
 KOLICH, Charles, H.
 (74) ir. F.A. Geurts c.s.
 (31) 942599 P
 (32) 07.06.2007
 (33) United States of America
 (47) 31.10.2018
 (51) C08F 283/12
 C08L 51/08
 C08L 69/00
 (11) EP3015484
 (21) EP14816654.9
 (22) 27.06.2014
 (54) POLYORGANOSILOXANE-
 CONTAINING GRAFT COPOLYMER,
 THERMOPLASTIC RESIN
 COMPOSITION, AND MOLDED
 ARTICLE
 (73) Mitsubishi Chemical Corporation
 (72) WAKITA, Ayaka
 (74) ir. F.A. Geurts c.s.
 (31) 2013136374
 (32) 28.06.2013
 (33) Japan
 (47) 24.10.2018
 (51) C08G 18/48
 (11) EP2989139
 (21) EP14725901.4
 (22) 24.04.2014
 (54) POLYURETHANE ENCAPSULATE
 (73) Dow Global Technologies LLC
 (72) WATKINS, Avery L.
 MEDINA, Juan Carlos
 LATHAM, Dwight
 (74) ir. J.D. de Zeeuw
 (31) 201361816198 P

(32) 26.04.2013	30.09.2009	B82Y 30/00
(33) United States of America	(33) France	(11) EP3052566
(47) 24.10.2018	United States of America	(21) EP14847431.5
(51) C08G 18/48	(47) 24.10.2018	(22) 29.09.2014
C08G 18/66	(51) C08J 7/12	(54) CONDUCTIVE DIE ATTACH FILM
C08G 18/72	H01M 4/88	FOR LARGE DIE SEMICONDUCTOR
C08G 18/76	H01M 8/02	PACKAGES AND COMPOSITIONS
C08G 18/79	H01M 8/10	USEFUL FOR THE PREPARATION
C08G 18/24	C08J 5/22	THEREOF
C08G 18/32	H01M 8/1004	(73) Henkel IP & Holding GmbH
C08G 18/36	H01M 8/1018	(72) ZHU, Pukun
C08K 7/14	H01M 4/92	HOANG, Gina V.
C09J 175/04	(11) EP3127947	GUPTA, Shashi K.
(11) EP3233950	(21) EP15773873.3	LAIB, Andrew
(21) EP15794939.7	(22) 24.03.2015	(74) ir. M.F.J.M. Ketelaars c.s.
(22) 17.11.2015	(54) CATALYST TRANSFER SHEET,	(31) 201361884844 P
(54) TWO-COMPONENT POLYURETHANE	METHOD FOR PRODUCING	(32) 30.09.2013
ADHESIVE FOR THE ADHESIVE	MEMBRANE ELECTRODE ASSEMBLY,	(33) United States of America
BONDING OF MOLDED FIBER PARTS	AND METHOD FOR PRODUCING	(47) 07.11.2018
(73) Henkel AG & Co. KGaA	CATALYST LAYER-COATED	(51) C09B 45/18
(72) THIELE, Lothar	ELECTROLYTE MEMBRANE	C09B 45/22
PÖLITZ, Silvana	(73) Toray Industries, Inc.	C09B 67/04
JURKSCHAT, Klaus	(72) ADACHI, Shinya	C09B 67/22
ZÖLLER, Thomas	IZUHARA, Daisuke	(11) EP3222674
(74) ir. M.F.J.M. Ketelaars c.s.	(74) ir. C.M. Jansen c.s.	(21) EP17158593.8
(31) 102014226277	(31) 2014071764	(22) 01.03.2017
(32) 17.12.2014	(32) 31.03.2014	(54) METAL AZO PIGMENTS
(33) Germany	(33) Japan	(73) Lanxess Deutschland GmbH
(47) 31.10.2018	(47) 10.10.2018	(72) BORST, Hans-Ulrich
(51) C08G 63/89	(51) C08L 23/12	LINKE, Frank
C08G 63/06	C09J 123/12	ENDERT, Sabine
(11) EP2606080	C08L 53/02	(74) ir. W.J.J.M. Kempes
(21) EP10752393.8	C09J 153/02	(31) 16161851
(22) 18.08.2010	(11) EP2756036	(32) 23.03.2016
(54) METHOD FOR RECOVERY	(21) EP12769746.4	(33) European Patent Office (EPO)
OF STABILIZED	(22) 13.09.2012	(47) 03.10.2018
POLYHYDROXYALKANOATES FROM	(54) HOT MELT ADHESIVE	(51) C09C 1/48
BIOMASS THAT HAS BEEN USED TO	(73) Henkel AG & Co. KGaA	B29K 7/00
TREAT ORGANIC WASTE	(72) INOUE, Kentarou	B29K 9/00
(73) Stowa	(74) ir. M.F.J.M. Ketelaars c.s.	B60C 1/00
(72) WERKER, Alan, Gideon	(31) 2011203071	C09C 1/50
JOHANSSON, Peter, Stig, Tomas	(32) 16.09.2011	(11) EP2361954
MAGNUSSON, Per, Olof, Gösta	(33) Japan	(21) EP11154839.2
MAURER, Franciscus, Hubertus, Jacobus	(47) 07.11.2018	(22) 17.02.2011
JANNASCH, Patric	(51) C08L 53/00	(54) Carbon black, method for the production
(74) ir. P.J. Hylarides c.s.	C08L 23/00	thereof, and use thereof
(47) 10.10.2018	C08L 71/12	(73) Orion Engineered Carbons GmbH
(51) C08J 3/22	F01D 9/02	(72) Schinkel, Arndt-Peter, Dr.
C08J 3/12	D06F 37/26	Stansytschöfsky, Michael
C08K 3/04	(11) EP2792710	Vogler, Conny, Dr.
C09K 8/03	(21) EP12857361.5	Fröhlich, Joachim, Dr.
C09K 8/04	(22) 14.12.2012	Schwaiger, Bernhard
C09K 8/32	(54) THERMOPLASTIC ELASTOMER	Pelster, Thomas, Dr.
C09K 8/36	COMPOSITION HAVING LOW	(74) ir. F.A. Geurts c.s.
C08J 5/00	HARDNESS, AND DIAPHRAGM	(31) 102010002244
(11) EP2480595	COMPRISING SAME	(32) 23.02.2010
(21) EP10769020.8	(73) Lotte Advanced Materials Co., Ltd.	(33) Germany
(22) 23.09.2010	(72) KIM, Jung Wook	(47) 17.10.2018
(54) MASTERBATCH FOR	CHANG, Do Hoon	(51) C09D 175/14
MANUFACTURING A DRILLING FLUID	HONG, Chang Min	(11) EP3041908
(73) Arkema France	(74) ir. M.F.J.M. Ketelaars c.s.	(21) EP13893074.8
(72) KORZHENKO, Alexander	(31) 20110135722	(22) 04.09.2013
HAVEL, Mickael	(32) 15.12.2011	(54) UV-CURABLE COATING
BLUTEAU, Catherine	(33) Korea (Republic)	COMPOSITIONS AND METHODS FOR
(74) ir. M.F.J.M. Ketelaars c.s.	(47) 10.10.2018	USING THE SAME
(31) 0956637	(51) C08L 63/10	(73) PPG Coatings (Tianjin) Co. Ltd.
247186 P	C09J 163/10	(72) CHEN, Qiang
(32) 25.09.2009	H01B 1/24	WEN, Zhenhua

- (74) ir. F.A. Geurts c.s.
(47) 24.10.2018
-
- (51) C10B 47/18
C10J 3/20
C10J 3/48
C10B 21/00
(11) EP2627734
(21) EP11832826.9
(22) 10.10.2011
(54) METHOD AND EQUIPMENT FOR PRODUCING COKE DURING INDIRECTLY HEATED GASIFICATION
(73) Cortus AB
(72) LJUNGGREN, Rolf
(74) ir. W.J.J.M. Kempes
(31) 1001004
(32) 11.10.2010
(33) Sweden
(47) 03.10.2018
-
- (51) C10L 1/18
C10L 1/00
(11) EP2673345
(21) EP12703781.0
(22) 07.02.2012
(54) USE OF LIQUID COMPOSITIONS FOR MARKING LIQUID HYDROCARBON-BASED FUELS AND COMBUSTIBLES, AND PROCESS FOR DETECTING THE MARKERS
(73) Total Raffinage Marketing
(72) AMBLARD, Bénédicte
FADEL, Denis
MERCIER, Jean-Paul
TORT, Frédéric
TREMOLIERE, Christian
(74) J.M.H. Duyver lic.
(31) 1151007
(32) 08.02.2011
(33) France
(47) 07.11.2018
-
- (51) C10M 101/04
C10M 159/08
(11) EP2914704
(21) EP13850917.9
(22) 12.09.2013
(54) FRICTION MODIFIERS AND A METHOD OF MAKING THE SAME
(73) Chevron Oronite Company LLC
(72) SUEN, Yat Fan
SIMARD, Francois
KNIGHT, Rachel
WARD, John
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201213663748
(32) 30.10.2012
(33) United States of America
(47) 24.10.2018
-
- (51) C10M 141/02
C10M 141/06
C10M 141/12
C10M 169/04
C10N 10/04
C10N 30/04
C10N 30/06
C10N 30/10
C10N 30/12
C10N 40/25
(11) EP2883945
- (21) EP14192320.1
(22) 07.11.2014
(54) A GAS ENGINE LUBRICATING OIL COMPOSITION
(73) Infineum International Limited
(72) Dodd, James
(74) ir. C.M. Jansen c.s.
(31) 13195913
(32) 05.12.2013
(33) European Patent Office (EPO)
(47) 26.12.2018
-
- (51) C11C 3/00
C11C 1/08
(11) EP1802565
(21) EP05791245.3
(22) 22.08.2005
(54) PROCESS FOR PREPARING HYDROXY FUNCTIONAL VEGETABLE OILS
(73) Cargill, Incorporated
(72) CASPER, David, M.
NEWBOLD, Trevor
(74) J.M.H. Duyver lic.
(31) 924332
193813
(32) 23.08.2004
28.07.2005
(33) United States of America
United States of America
(47) 05.12.2018
-
- (51) C11D 3/37
C08F 216/14
C08F 220/04
C08F 222/02
C08F 220/38
(11) EP2890774
(21) EP12883490.0
(22) 31.08.2012
(54) CARBOXYL GROUP-CONTAINING POLYMER AND COMPOSITION CONTAINING THE SAME
(73) Nippon Shokubai Co., Ltd.
(72) YONEDA, Atsuro
MICHITAKA, Daisuke
WANG, Xiaoli
LOUGHNANE, Brian Joseph
DUPONT, Jeffrey Scott
(74) ir. C.M. Jansen c.s.
(47) 24.10.2018
-
- (51) C11D 17/00
(11) EP3049509
(21) EP14758470.0
(22) 21.08.2014
(54) PARTICLES
(73) The Procter & Gamble Company
(72) CROSS, Tasha
BUEHLER, Theresa Anne
DRUCKREY, Adam K.
(31) 201361881066 P
(32) 23.09.2013
(33) United States of America
(47) 24.10.2018
-
- (51) C12N 5/0783
C12N 5/10
A61K 35/17
A61P 31/04
A61P 31/10
C12N 15/00
C12N 15/09
- (11) EP2915880
(21) EP13851635.6
(22) 30.10.2013
(54) MAIT-LIKE CELLS AND METHOD FOR MANUFACTURING SAME
(73) Daiichi Sankyo Company, Limited
National University Corporation Hokkaido University
(72) WAKAO, Hiroshi
FUJITA, Hiroyoshi
KOSHIMIZU, Uichi
YOSHIKIYO, Kazunori
(74) ir. J.M.G. Dohmen c.s.
(31) 2012239195
(32) 30.10.2012
(33) Japan
(47) 28.11.2018
-
- (51) C12N 7/04
C12P 21/02
C07K 1/16
C07K 1/14
C12R 1/19
A61K 38/16
A61K 39/00
C12N 7/00
(11) EP2899267
(21) EP13838213.0
(22) 24.06.2013
(54) IN VITRO PREPARATION METHOD OF ROTAVIRUS DOUBLE-LAYER VIRUS-LIKE PARTICLES
(73) Xiamen Innovax Biotech Co., Ltd.
Xiamen University
(72) GE, Shengxiang
LI, Tingdong
GUO, Qingshun
XU, Feihai
ZHANG, Jun
XIA, Ningshao
(74) ir. A.R. Aalbers
(31) 201210350365
(32) 20.09.2012
(33) China
(47) 10.10.2018
-
- (51) C12N 9/02
B01D 15/00
C08G 18/64
C12N 11/14
B82Y 5/00
B82Y 40/00
B01D 15/32
(11) EP2951293
(21) EP14701588.7
(22) 29.01.2014
(54) METHOD OF PRODUCING NANOBIOCATALYSTS
(73) Inofea AG
(72) HOMMES, Gregor
CORVINI, Philippe
CUMBO, Alessandro
SHAHGALDIAN, Patrick
DUDAL, Yves
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 13153276
(32) 30.01.2013
(33) European Patent Office (EPO)
(47) 10.10.2018
-
- (51) C12N 15/05

<p>C12N 15/82 A01H 5/00 (11) EP2844754 (21) EP13784528.5 (22) 02.05.2013 (54) TARGETED MODIFICATION OF MALATE DEHYDROGENASE (73) Dow AgroSciences LLC Sangamo Therapeutics, Inc. (72) SHUKLA, Vipula GUPTA, Manju URNOV, Fyodor GUSCHIN, Dmitry JAN DE BOTH, Michiel BUNDOCK, Paul SASTRY-DENT, Lakshmi (74) ir. C.M. Jansen c.s. (31) 201261641776 P 201361780512 P (32) 02.05.2012 13.03.2013 (33) United States of America United States of America (47) 24.10.2018 (51) C12N 15/10 C12N 15/82 C12N 15/90 C12N 9/22 (11) EP2892321 (21) EP13834776.0 (22) 05.09.2013 (54) FAD2 PERFORMANCE LOCI AND CORRESPONDING TARGET SITE SPECIFIC BINDING PROTEINS CAPABLE OF INDUCING TARGETED BREAKS (73) Dow AgroSciences LLC Sangamo Therapeutics, Inc. (72) AINLEY, William Michael WEBB, Steven R. SAMUEL, Pon GUSCHIN, Dmitry Y. MILLER, Jeffrey C. ZHANG, Lei (74) ir. C.M. Jansen c.s. (31) 201261697886 P (32) 07.09.2012 (33) United States of America (47) 24.10.2018 (51) C12N 15/11 (11) EP1730280 (21) EP05732497.2 (22) 23.03.2005 (54) RNA INTERFERENCE MODULATORS OF HEDGEHOG SIGNALING AND USES THEREOF (73) Curis, Inc. Genentech, Inc. (72) BUMCROT, David, A. (74) ir. C.M. Jansen c.s. (31) 556661 P (32) 26.03.2004 (33) United States of America (47) 24.10.2018 (51) C12N 15/11 (11) EP1857549 (21) EP07008204.5 (22) 19.03.1999</p>	<p>(54) Control of gene expression (73) Commonwealth Scientific and Industrial Research Organisation (72) Graham, Michael Wayne Rice, Robert Norman Waterhouse, Peter Michael Wang, MingBo (74) ir. W.J.J.M. Kempes (31) PP249298 PP249998 (32) 20.03.1998 20.03.1998 (33) Australia Australia (47) 17.10.2018 (51) C12N 15/113 A61K 31/7105 A61K 48/00 C12Q 1/68 G01N 33/53 A61P 31/00 A61P 37/00 (11) EP2454372 (21) EP10800535.6 (22) 15.07.2010 (54) MANAGING THE TREATMENT OF INFLAMMATORY OR AUTOIMMUNE DISORDERS USING HOM-1 EXPRESSION (73) Zhu, Zhenglun Gao, Hong (72) Zhu, Zhenglun Gao, Hong (74) J.M.H. Duyver lic. (31) 225852 P (32) 15.07.2009 (33) United States of America (47) 03.10.2018 (51) C12N 15/117 A61K 31/7105 A61K 39/39 A61P 37/04 A61P 11/06 (11) EP2179039 (21) EP08789054.7 (22) 08.08.2008 (54) RNA SEQUENCE MOTIFS IN THE CONTEXT OF DEFINED INTERNUCLEOTIDE LINKAGES INDUCING SPECIFIC IMMUNE MODULATORY PROFILES (73) Zoetis Belgium S.A. (72) JURK, Marion VOLLMER, Jorg, Heinz (74) ir. M.F.J.M. Ketelaars c.s. (31) 964448 P (32) 13.08.2007 (33) United States of America (47) 31.10.2018 (51) C12N 15/13 C07K 16/24 A61K 47/68 (11) EP3059314 (21) EP16154916.7 (22) 05.06.2001 (54) ANTIBODY MOLECULES HAVING SPECIFICITY FOR HUMAN TUMOR</p>	<p>NECROSIS FACTOR ALPHA, AND USE THEREOF (73) UCB Pharma, S.A. (72) Athwal, Diljeet Singh Brown, Derek Thomas Weir, Andrew Neil Charles Poplewell, Andrew George Chapman, Andrew Paul King, David John (74) ir. C.M. Jansen c.s. (31) 0013810 (32) 06.06.2000 (33) United Kingdom (47) 24.10.2018 (51) C12N 15/13 C07K 16/42 A01N 47/44 A01P 7/04 (11) EP3098315 (21) EP15739827.2 (22) 09.01.2015 (54) ANTHROPOGENIC PEST-RESISTANT GENE, ANTI-CRY1AB TOXIN IDIOTYPIC SINGLE-CHAIN ANTIBODY ENCODED BY SAME, AND APPLICATION (73) Jiangsu Academy of Agricultural Sciences (72) LIU, Xianjin XU, Chongxin ZHANG, Xiao LIU, Yuan XIE, Yajing ZHANG, Cunzheng YU, Xiangyang WANG, Donglan (74) ir. P.J. Hyalarides c.s. (31) 201410037000 (32) 26.01.2014 (33) China (47) 03.10.2018 (51) C12N 15/63 C12N 15/53 C12N 5/10 A01K 67/027 (11) EP2993234 (21) EP13883590.5 (22) 23.08.2013 (54) CMP-ACETYLNEURAMINIC ACID HYDROXYLASE TARGETING VECTOR, TRANSGENIC ANIMAL FOR XENOTRANSPLANTATION INTRODUCED WITH THE VECTOR, AND METHOD OF MANUFACTURING THE SAME (73) The Curators of the University of Missouri Konkuk University Industrial Cooperation Corp. (72) KIM, Jin Hoi KWON, Deug Nam PARK, Jong Yi LEE, Kiho PRATHER, Randall S. KIM, Jae Hwan KANG, Man Jong (74) ir. M.F.J.M. Ketelaars c.s. (31) 20130047938 (32) 30.04.2013 (33) Korea (Republic)</p>
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(47) 10.10.2018	(11) EP2898086	(33) Japan
(51) C12N 15/86	(21) EP13773482.8	(47) 05.12.2018
A61K 48/00	(22) 19.09.2013	(51) C12Q 1/68
C07K 14/705	(54) METHODS AND COMPOSITIONS	(11) EP2791357
(11) EP2986635	FOR PREVENTING NORLEUCINE	(21) EP12856834.2
(21) EP14721802.8	MISINCORPORATION INTO PROTEINS	(22) 12.12.2012
(22) 18.04.2014	(73) F.Hoffmann-La Roche AG	(54) DETECTION AND MEASUREMENT OF
(54) EFFECTIVE DELIVERY OF LARGE	(72) LAIRD, Michael, W.	TISSUE-INFILTRATING LYMPHOCYTES
GENES BY DUAL AAV VECTORS	VEERAVALLI, Karthik	(73) Adaptive Biotechnologies Corporation
(73) Fondazione Telethon	(74) drs. C.M.A. Quintelier	(72) FAHAM, Malek
(72) AURICCHIO, Alberto	(31) 201261703142 P	KLINGER, Mark
COLELLA, Pasqualina	201361777700 P	(74) ir. H.J.G. Lips c.s.
TRAPANI, Ivana	(32) 19.09.2012	(31) 201161570192 P
(74) dr. A. Ellens c.s.	12.03.2013	(32) 13.12.2011
(31) 201361813342 P	(33) United States of America	(33) United States of America
(32) 18.04.2013	United States of America	(47) 14.11.2018
(33) United States of America	(47) 14.11.2018	(51) C12Q 1/68
(47) 03.10.2018	(51) C12P 21/06	(11) EP2809803
(51) C12P 19/02	G01N 33/68	(21) EP13702227.3
C12P 19/12	(11) EP2663865	(22) 01.02.2013
C12P 7/10	(21) EP12734706.0	(54) MULTIPLEXED DIGITAL PCR
C13K 1/02	(22) 13.01.2012	(73) Albert-Ludwigs-Universität Freiburg
C12P 19/14	(54) SPECIFIC A1AT MONOCLONAL	(72) HOFFMANN, Jochen
(11) EP2836602	ANTIBODIES FOR DETECTION OF	ROTH, Günter
(21) EP13775895.9	ENDOMETRIOSIS	(74) ir. W.J.J.M. Kempes
(22) 12.04.2013	(73) Taipei Medical University	(31) 102012100824
(54) METHODS AND SYSTEMS FOR	Academia Sinica	(32) 01.02.2012
SACCHARIFICATION OF BIOMASS	(72) YANG, Wei-Chung	(33) Germany
(73) Sweetwater Energy, Inc.	WANG, Hwei-Jiung	(47) 03.10.2018
(72) PAREKH, Sarad	CHEN, Shui-Tsung	(51) C22C 38/00
FELICE, Carl, P.	LU, Ken-Fen	C21D 9/46
(74) ir. M.F.J.M. Ketelaars c.s.	PENG, Ming-Chi	C22C 38/04
(31) 201261623907 P	(74) ir. J.H. de Hoog	C23G 1/08
201261623881 P	(31) 201161433183 P	C21D 6/00
201261662339 P	(32) 14.01.2011	B62D 29/00
201213686477	(33) United States of America	C21D 8/02
201213724763	(47) 17.10.2018	C21D 1/26
(32) 13.04.2012	(51) C12Q 1/00	C22C 38/02
13.04.2012	(11) EP2914735	C22C 38/06
20.06.2012	(21) EP13786219.9	C23F 17/00
27.11.2012	(22) 31.10.2013	C22C 38/58
21.12.2012	(54) REAGENT MATERIALS AND	(11) EP2821515
(33) United States of America	ASSOCIATED TEST ELEMENTS	(21) EP13755355.8
United States of America	(73) F.Hoffmann-La Roche AG	(22) 25.02.2013
United States of America	(72) WILSEY, Christopher D.	(54) PRODUCTION METHOD FOR A SI-
United States of America	(74) ir. C.M. Jansen c.s.	CONTAINING HIGH STRENGTH COLD
United States of America	(31) 201213667057	ROLLED STEEL SHEET
(47) 03.10.2018	(32) 02.11.2012	(73) JFE Steel Corporation
(51) C12P 19/02	(33) United States of America	(72) MASUOKA Hiroyuki
C12P 19/14	(47) 31.10.2018	SUGIHARA Reiko
(11) EP2935604	(51) C12Q 1/60	KAWANO Takashi
(21) EP13818498.1	C12Q 1/26	(74) ir. H.V. Mertens c.s.
(22) 18.12.2013	C12Q 1/44	(31) 2012040956
(54) PROCESS FOR ENZYMATIC	G01N 33/92	(32) 28.02.2012
HYDROLYSIS OF CELLULOSE WITH	(11) EP2837693	(33) Japan
PROTEIN ADDITION	(21) EP13775869.4	(47) 19.12.2018
(73) Stichting Energieonderzoek Centrum	(22) 10.04.2013	(51) C22C 38/00
Nederland	(54) METHOD FOR QUANTIFYING	C22C 38/02
(72) SMIT, Adrianus Theodorus	SUBFRACTION OF CHOLESTEROL (-C)	C22C 38/04
HUIJGEN, Wouter Johannes Joseph	IN HIGH-DENSITY LIPOPROTEIN (HDL)	C22C 38/06
(74) ir. M.F.J.M. Ketelaars c.s.	(73) National University Corporation Hokkaido	C21D 9/46
(31) 2010006	University	C21D 6/00
(32) 18.12.2012	Denka Seiken Co., Ltd.	C23C 2/40
(33) Netherlands	(72) ITOH, Yasuki	C23C 2/02
(47) 14.11.2018	CHIBA, Hitoshi	C23C 2/06
(51) C12P 21/02	(74) mr.ir. F.N. Ferro	C23C 2/28
C12R 1/19	(31) 2012090423	B32B 15/01
C12N 9/10	(32) 11.04.2012	(11) EP2594656

- (21) EP11806927.7
(22) 12.07.2011
(54) HIGH-STRENGTH GALVANIZED STEEL SHEET WITH HIGH YIELD RATIO HAVING EXCELLENT DUCTILITY AND STRETCH FLANGE FORMABILITY AND METHOD FOR MANUFACTURING THE SAME.
(73) JFE Steel Corporation
(72) KAWASAKI, Yoshiyasu
NAKAGAITO, Tatsuya
KANeko, Shinjiro
NAGATAKI, Yasunobu
FUKUSHI, Keisuke
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2011144093
2010160401
(32) 29.06.2011
15.07.2010
(33) Japan
Japan
(47) 07.11.2018
-
- (51) C25B 1/30
C25B 9/08
(11) EP3177754
(21) EP15750326.9
(22) 05.08.2015
(54) METHOD FOR THE PRODUCTION OF HYDROGEN PEROXIDE
(73) VITO NV
(72) DOMINGUEZ BENETTON, Xochitl
ALVAREZ GALLEG0, Yolanda
(74) ir. C.M. Jansen c.s.
(31) 14179927
(32) 05.08.2014
(33) European Patent Office (EPO)
(47) 03.10.2018
-
- (51) C40B 30/04
C40B 40/06
G01N 33/00
G01N 33/566
C12Q 1/68
(11) EP3108045
(21) EP15751799.6
(22) 14.02.2015
(54) COMPOSITIONS AND METHODS FOR DETECTING MICROORGANISMS
(73) Somalogic, Inc.
(72) OCHSNER, Urs A.
JANJIC, Nebojsa
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201461940955 P
201461947627 P
(32) 18.02.2014
04.03.2014
(33) United States of America
United States of America
(47) 31.10.2018
-
- (51) D01F 6/70
D01F 6/94
D01F 1/10
B32B 5/10
B32B 27/12
B32B 27/02
B32B 27/40
(11) EP2411571
(21) EP10756607.7
(22) 17.03.2010
- (54) ELASTIC FIBER CONTAINING AN ANTI-TACK ADDITIVE
(73) Invista Technologies S.à.r.l.
(72) MARTIN, Kenneth, Edward
BING-WO, Ronald, D.
LOCK, Robert, L.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 162835 P
162480 P
249440 P
(32) 24.03.2009
23.03.2009
07.10.2009
(33) United States of America
United States of America
United States of America
(47) 07.11.2018
-
- (51) D03D 15/08
D01F 6/70
D01F 8/00
A61F 13/49
A61F 13/15
D01F 1/10
D01F 6/72
D01F 6/94
D01F 8/16
(11) EP3044357
(21) EP14843549.8
(22) 12.09.2014
(54) SPANDEX FIBERS FOR ENHANCED BONDING
(73) Invista Technologies S.à.r.l.
(72) BIVIGOU-KOUMBA, Achille M.
LIU, Hong
BING-WO, Ronald D.
SMITH, Steven W.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201361877609 P
(32) 13.09.2013
(33) United States of America
(47) 07.11.2018
-
- (51) D06F 39/12
D06F 39/02
(11) EP3241942
(21) EP17173595.4
(22) 27.11.2014
(54) WASHING MACHINE
(73) LG Electronics Inc.
(72) JO, Mingyu
KIM, Dongwon
(74) ir. A.R. Aalbers
(31) 20130146013
20130146014
(32) 28.11.2013
28.11.2013
(33) Korea (Republic)
Korea (Republic)
(47) 17.10.2018
-
- (51) D06F 75/38
(11) EP3317454
(21) EP16790564.5
(22) 28.10.2016
(54) A COATED IRONING PLATE AND A METHOD OF FORMING A COATED IRONING PLATE
(73) Koninklijke Philips N.V.
(72) WANG, Zheng
(74) drs. O. Griebling
- (31) 15192105
(32) 29.10.2015
(33) European Patent Office (EPO)
(47) 24.10.2018
-
- (51) D21H 27/30
B27N 3/12
B32B 29/02
C08J 3/20
C08K 3/00
C08L 1/02
C08L 75/04
C09K 21/14
D21F 11/00
(11) EP2614184
(21) EP10856831.2
(22) 07.09.2010
(54) METHOD FOR FORMING A FIRE RESISTANT CELLULOSE PRODUCT, AND ASSOCIATED APPARATUS
(73) BLH Technologies Inc.
(72) BAROUX, Daniel
(74) ir. F.A. Geurts c.s.
(47) 24.10.2018
-
- (51) D21H 27/32
B32B 27/10
B32B 29/00
D21H 17/46
D21H 17/56
D21H 21/16
D21H 21/20
(11) EP3058136
(21) EP14786192.6
(22) 17.10.2014
(54) SECURITY DOCUMENT, SUCH AS A BANK NOTE, AND ASSOCIATED PRODUCTION METHOD
(73) Banque De France
(72) GUTKNECHT, Dan
BARATS, Michel
(74) ir. F.A. Geurts c.s.
(31) 1360147
(32) 18.10.2013
(33) France
(47) 17.10.2018
-
- (51) E01C 23/00
G01M 17/02
(11) EP2473676
(21) EP09848843.0
(22) 31.08.2009
(54) METHOD AND APPARATUS FOR DETERMINING THE DEPTH OF A METAL FEATURE IN A RUBBER OR ELASTOMERIC MATERIAL
(73) Compagnie Générale des Etablissements Michelin
(72) CHEBLI, Adib
IKONOMOV, Metodi
(74) ir. C.M. Jansen c.s.
(47) 10.10.2018
-
- (51) E01H 5/06
(11) EP3196361
(21) EP17152051.3
(22) 18.01.2017
(54) SNOW-REMOVAL TRAILER
(73) SOVIAR
(72) BENEDETTI, Michel
BOUZI, Frédéric
DUCERF, Ludovic

(74) ir. F.A. Geurts c.s.	(21) EP15775397.1	(51) E05B 15/02
(31) 1650405	(22) 18.09.2015	E05B 3/04
(32) 19.01.2016	(54) A PLASTIC INFILTRATION UNIT,	(11) EP3269903
(33) France	A PLURALITY OF PLASTIC	(21) EP17178411.9
(47) 24.10.2018	INFILTRATION UNITS AND A METHOD	(22) 28.06.2017
(51) E02D 5/34	OF MANUFACTURING A PLURALITY	(54) ROSETTE FITTING FOR PUSHERS FOR
E02D 5/50	OF PLASTIC INFILTRATION UNITS	DOORS OR WINDOWS
E04C 5/16	(73) Wavin B.V.	(73) HAFI Beschläge GmbH
(11) EP3228757	(72) DIJK, Berend Jan van	(72) Fink, René
(21) EP17400014.1	SCHEER, Marco van der	Hoffmann, Jörg
(22) 10.03.2017	(74) mr.ir. F.N. Ferro	(74) ir. M.F.J.M. Ketelaars c.s.
(54) REINFORCEMENT DEVICE	(31) 1040959	(31) 102016112776
(73) Stock, Alfons	(32) 19.09.2014	(32) 12.07.2016
(72) Stock, Alfons	(33) Netherlands	(33) Germany
(74) J.M.H. Duyver lic.	(47) 05.12.2018	(47) 07.11.2018
(31) 102016004261	(51) E03F 7/06	(51) E05B 15/16
(32) 08.04.2016	E05D 5/02	E05B 47/00
(33) Germany	E05D 5/08	E05B 73/00
(47) 28.11.2018	F16K 15/03	(11) EP3019681
(51) E02D 9/00	E03F 7/04	(21) EP14834493.0
(11) EP3066264	(11) EP3108163	(22) 10.07.2014
(21) EP14790259.7	(21) EP15705489.1	(54) MERCHANDISE SECURITY DEVICES
(22) 16.10.2014	(22) 16.02.2015	FOR USE WITH AN ELECTRONIC KEY
(54) PILE CROPPER	(54) FLAP GATE	(73) InVue Security Products, Inc.
(73) Astra Site Services Limited	(73) Dannozzle Holding New ApS	(72) TAYLOR, Gary A.
(72) RODGERS, Simon	(72) ERIKSEN, Jan	GRANT, Jeffrey A.
(74) ir. C.M. Jansen c.s.	(74) ir. P.J. Hylarides c.s.	BERGLUND, David N.
(31) 201318599	(31) 201470081	(74) mr. ir. J. van Breda c.s.
(32) 21.10.2013	(32) 18.02.2014	(31) 201361845392 P
(33) United Kingdom	(33) Denmark	201361891061 P
(47) 03.10.2018	(47) 10.10.2018	201361902900 P
(51) E02F 3/76	(51) E04D 3/28	201361904479 P
B62D 33/06	(11) EP2898166	201461924321 P
E02F 9/08	(21) EP13839170.1	201461973314 P
E02F 9/16	(22) 20.09.2013	(32) 12.07.2013
B62D 49/06	(54) DUAL GLAZING PANEL SYSTEM	15.10.2013
(11) EP3088612	(73) CPI Daylighting, Inc.	12.11.2013
(21) EP15197569.5	(72) Konstantin, Moshe	15.11.2013
(22) 02.12.2015	(74) ir. F.A. Geurts c.s.	07.01.2014
(54) OPERATOR'S CAB ARRANGEMENT	(31) 201261704242 P	01.04.2014
FOR A CONSTRUCTION MACHINE	201261736847 P	(33) United States of America
(73) Guangxi LiuGong Machinery Co., Ltd.	201313839646	United States of America
(72) WAGNER, Edward	201361860545 P	United States of America
YANJUN, Li	(32) 21.09.2012	United States of America
YUNFENG, Zhao	13.12.2012	United States of America
CHMIELOWIEC, Waldemar Czeslaw	15.03.2013	United States of America
(74) J.M.H. Duyver lic.	31.07.2013	(47) 03.10.2018
(31) PCT/CN2015/077689	(33) United States of America	(51) E05F 1/10
(32) 28.04.2015	United States of America	E05D 15/26
(33) World Intellectual Property Office (WIPO)	United States of America	(11) EP2801687
(47) 28.11.2018	United States of America	(21) EP14163267.9
(51) E03C 1/01	(47) 10.10.2018	(22) 02.04.2014
(11) EP2896756	(51) E04F 15/02	(54) HOLDING ASSEMBLY FOR A CABINET
(21) EP15151800.8	E04F 15/024	COMPRIING A BODY AND A MOBILE
(22) 20.01.2015	(11) EP3075922	FOLDING COVER ON THE SAME
(54) DEVICE FOR INSTALLATION IN A	(21) EP14862065.1	(73) FLAP Competence Center kft
PREWALL	(22) 26.08.2014	(72) MOLNAR, Attila
(73) Easy Sanitary Solutions B.V.	(54) MODULAR FLOORING	STANGE, Dieter
(72) Keizers, Jurgen Hendrik Peter Joseph	(73) Zhong, Yugang	(74) J.M.H. Duyver lic.
(74) J.M.H. Duyver lic.	(72) Zhong, Yugang	(31) 202013101958 U
(31) 2012114	(74) drs. C.M.A. Quintelier	(32) 06.05.2013
(32) 20.01.2014	(31) 201310562290	(33) Germany
(33) Netherlands	201320713753 U	(47) 03.10.2018
(47) 28.11.2018	(32) 12.11.2013	(51) E21B 7/26
(51) E03F 1/00	12.11.2013	E21B 7/04
E03F 5/10	(33) China	E21B 44/02
(11) EP3194676	China	E21B 44/00
	(47) 10.10.2018	E21B 4/18

E21B 29/00	(47) 24.10.2018	(47) 03.10.2018
(11) EP2773837	(51) F03B 13/18	(51) F04D 27/02
(21) EP12845131.7	(11) EP2318696	(11) EP2145113
(22) 02.11.2012	(21) EP08813461.4	(21) EP08757049.5
(54) METHOD AND SYSTEM FOR AN AUTOMATIC MILLING OPERATION	(22) 26.08.2008	(22) 07.05.2008
(73) Schlumberger Holdings Limited	(54) A WAVE-POWER UNIT	(54) METHOD FOR CONTROLLING A TURBOCOMPRESSOR
(72) LEE, Grant	(73) Seabased AB	(73) Atlas Copco Airpower, Naamloze Vennootschap
JENSEN, Michael	(72) LEIJON, Mats	(72) SERBRUYNS, Sven Bert
HERBST, Neil	STÅLBERG, Magnus	(31) 200700238
BLAKE, Sarah	SAVIN, Andrej	(32) 15.05.2007
(74) ir. J.M.G. Dohmen c.s.	(74) J.M.H. Duyver lic.	(33) Belgium
(31) 201161555696 P	(47) 10.10.2018	(47) 17.10.2018
(32) 04.11.2011	(51) F03D 7/02	(51) F04D 29/22
(33) United States of America	F03D 9/30	F04D 29/02
(47) 03.10.2018	F03D 1/04	(11) EP3175119
(51) E21B 19/07	B63B 35/44	(21) EP15744185.8
E21B 19/12	F03D 13/25	(22) 28.07.2015
E21B 19/04	(11) EP3225835	(54) FLOW CONDUCTING MACHINE PART
(11) EP3230553	(21) EP15864137.3	(73) KSB SE & Co. KGaA
(21) EP15820625.0	(22) 23.09.2015	(72) BÖHM, Alexander
(22) 11.12.2015	(54) FLOATING PLATFORM FOR HARNESSING WIND ENERGY	BOSBACH, Franz Gerhard
(54) TENSION RING ASSEMBLY	(73) Saitec Offshore Technologies S.L.U.	EMDE, Christoph
(73) Claxton Engineering Services Limited	(72) GALDOS TOBALINA, Alberto	HÖLZEL, Ewald
(72) YOUELL, Charles	(74) ir. M.F.J.M. Ketelaars c.s.	RAUNER, Holger
BROWN, Gregory	(31) 201431758	THOME, Patrick
(74) ir. F.A. Geurts c.s.	(32) 26.11.2014	WILL, Björn
(31) 201422180	(33) Spain	(74) ir. C.M. Jansen c.s.
(32) 12.12.2014	(47) 10.10.2018	(31) 102014215089
(33) United Kingdom	(51) F03D 13/10	(32) 31.07.2014
(47) 24.10.2018	(11) EP2927478	(33) Germany
(51) E21B 34/16	(21) EP14382120.5	(47) 17.10.2018
E21B 34/04	(22) 31.03.2014	(51) F04F 5/42
E21B 47/14	(54) Installing a blade in a wind turbine and wind turbines	F04F 5/46
E21B 47/12	(73) Alstom Renovables España, S.L.	(11) EP2655894
E21B 34/06	(72) Gil Mollà, Isaac	(21) EP11851600.4
(11) EP2861818	(74) J.M.H. Duyver lic.	(22) 21.12.2011
(21) EP12880960.5	(47) 17.10.2018	(54) CYCLONIC ELEVATOR AND METHOD FOR USING SAME
(22) 10.07.2012	(51) F03D 80/00	(73) Vlachos, Greg J.
(54) ELECTRIC SUBSURFACE SAFETY VALVE WITH INTEGRATED COMMUNICATIONS SYSTEM	F03D 80/80	(72) Vlachos, Greg J.
(73) Halliburton Energy Services, Inc.	F03D 80/60	(74) J.M.H. Duyver lic.
(72) VICK, Jr., James, Dan	(11) EP2527650	(31) 201061427036 P
SCOTT, Bruce, Edward	(21) EP12002600.0	(32) 23.12.2010
GRIECO, Joseph, Steven	(22) 12.04.2012	(33) United States of America
(74) mr.ir. F.N. Ferro	(54) System to cool the nacelle and the heat generating components of an offshore wind turbine	(47) 17.10.2018
(47) 21.11.2018	(73) ADWEN Offshore, S.L.	(51) F16B 2/24
(51) F02C 1/06	(72) Sabhapathy, Peri	F16B 2/20
F02C 3/34	(74) J.M.H. Duyver lic.	F16B 11/00
F02C 6/00	(31) 201113089822	F16B 21/04
(11) EP2971647	(32) 19.04.2011	F16B 21/07
(21) EP14720795.5	(33) United States of America	(11) EP2947333
(22) 13.03.2014	(47) 03.10.2018	(21) EP15168328.1
(54) SYSTEM AND METHOD FOR HIGH EFFICIENCY POWER GENERATION USING A CARBON DIOXIDE CIRCULATING WORKING FLUID	(51) F03D 80/60	(22) 20.05.2015
(73) 8 Rivers Capital, LLC	(11) EP2565446	(54) INSTALLATION SYSTEM
(72) ALLAM, Rodney John	(21) EP12006146.0	(73) tesa nie wieder bohren GmbH
PALMER, Miles R.	(22) 30.08.2012	(72) Braun, Frank
BROWN, JR., Glenn William	(54) Energy efficient climate control system for an offshore wind turbine	(74) ir. F.A. Geurts c.s.
FETVEDT, Jeremy Eron	(73) ADWEN Offshore, S.L.	(31) 202014102388 U
FORREST, Brock Alan	(72) Sabhapathy, Peri	(32) 21.05.2014
(74) ir. F.A. Geurts c.s.	(74) J.M.H. Duyver lic.	(33) Germany
(31) 201313843313	(31) 201113223396	(47) 24.10.2018
(32) 15.03.2013	(32) 01.09.2011	(51) F16B 5/07
(33) United States of America	(33) United States of America	B60R 13/02
		(11) EP2593682
		(21) EP11726714.6

- (22) 21.06.2011
(54) FASTENING SYSTEM
(73) Gottlieb Binder GmbH & Co. KG
(72) POULAKIS, Konstantinos
(74) ir. H.V. Mertens c.s.
(31) 102010027394
(32) 16.07.2010
(33) Germany
(47) 19.12.2018
-
- (51) F16F 1/02
A61C 17/34
(11) EP2808577
(21) EP14175153.7
(22) 25.06.2007
(54) Nodal spring assembly for an electronic toothbrush
(73) Koninklijke Philips N.V.
(72) De Jong, Gerrit Jan
Schallig, Michiel Allan Aurelius
Jousma, R.
Stapelbroek, Martijn
Kloster, Tyler
Hall, Scott
Headstrom, Patrick
(74) drs. O. Griebbling
(31) 817959 P
(32) 30.06.2006
(33) United States of America
(47) 17.10.2018
-
- (51) F16L 55/163
(11) EP3183488
(21) EP15756869.2
(22) 18.08.2015
(54) INTERNAL SEALING SLEEVE WITH RETAINING ELEMENT AND METHOD FOR EXPANDING AN INTERNAL SEALING SLEEVE
(73) GRAF Patentverwertungs GbR
(72) GRAF, Jürgen
GRAF, Joachim
(74) mr. ir. J. van Breda c.s.
(31) 102014111916
(32) 20.08.2014
(33) Germany
(47) 03.10.2018
-
- (51) F23J 13/04
F23J 13/06
(11) EP3156726
(21) EP16194206.5
(22) 17.10.2016
(54) TUBULAR COUPLING PIECE AND BRANCH PIPE, PARTICULARLY FOR USE IN A PIPE SYSTEM OF A VENTILATION OR FLUE GAS DISCHARGE CHANNEL
(73) Cox Geelen B.V.
(72) AARTS, Martijn Anne Johan Lambert
WERELDS, Peter Joseph Hubertus
(74) ir. J.M.G. Dohmen c.s.
(31) 1041526
(32) 16.10.2015
(33) Netherlands
(47) 26.12.2018
-
- (51) F24B 1/02
F23M 9/06
F23B 60/00
F23B 80/04
F24B 13/00
(11) EP2918916
(21) EP15156982.9
(22) 27.02.2015
(54) HEATING DEVICE
(73) Max Blank GmbH
(72) Blank, Max
(74) ir. C.M. Jansen c.s.
(31) 102014103154
(32) 10.03.2014
(33) Germany
(47) 17.10.2018
-
- (51) F24D 19/10
G05D 23/19
(11) EP3179173
(21) EP16202127.3
(22) 05.12.2016
(54) METHOD AND SYSTEM FOR AUTOMATIC HYDRAULIC COMPENSATION OF CONSUMERS IN A HEATING AND/OR COOLING INSTALLATION
(73) Oventrop GmbH & Co. KG
(72) LÖFFLER, Gerhard
BRAMBRING, Stefan
(74) ir. H.V. Mertens c.s.
(31) 102015121418
(32) 09.12.2015
(33) Germany
(47) 05.12.2018
-
- (51) F24F 11/30
F24F 110/10
F24C 15/20
(11) EP2594859
(21) EP13155503.9
(22) 03.07.2008
(54) AIR CONTROL SYSTEM AND METHOD
(73) Quintex Systems Limited
(72) Stevens, Leonard
Stevens, Keith
Glover, Nell
Wyatt, Ben
(74) ir. J.M.G. Dohmen c.s.
(31) 0712978
(32) 04.07.2007
(33) United Kingdom
(47) 03.10.2018
-
- (51) F24F 12/00
F24F 13/14
F24F 11/00
(11) EP2372264
(21) EP11001527.8
(22) 24.02.2011
(54) Method for operating a ventilation device, ventilation device and room with ventilation device
(73) LTG Aktiengesellschaft
(72) Wagner, Ralf
(74) ir. H.J.G. Lips c.s.
(31) 102010011918
(32) 18.03.2010
(33) Germany
(47) 24.10.2018
-
- (51) F25B 30/02
F25B 40/00
F25B 41/04
F25B 49/02
(11) EP3004754
(21) EP14727748.7
(22) 16.05.2014
(54) HEAT PUMPS FOR USE OF ENVIRONMENTALLY SAFE REFRIGERANTS
(73) Siemens Aktiengesellschaft
(72) REISSNER, Florian
GROMOLL, Bernd
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102013210175
(32) 31.05.2013
(33) Germany
(47) 24.10.2018
-
- (51) F25J 1/00
F25J 1/02
(11) EP3006874
(21) EP15002857.9
(22) 06.10.2015
(54) REFRIGERANT RECOVERY IN NATURAL GAS LIQUEFACTION PROCESSES
(73) AIR PRODUCTS AND CHEMICALS, INC.
(72) Johnston, Brian Keith
Krishnamurthy, Gowri
Roberts, Mark Julian
(74) ir. H.V. Mertens c.s.
(31) 201414511774
(32) 10.10.2014
(33) United States of America
(47) 02.01.2019
-
- (51) F28B 1/06
F25B 39/04
F28D 1/053
(11) EP2972037
(21) EP14709117.7
(22) 24.02.2014
(54) HEAT EXCHANGER FOR AIR-COOLED CHILLER
(73) Carrier Corporation
(72) JOARDAR, Arindom
TARAS, Michael F.
WOLDESEMAYAT, Mel
ESFORMES, Jack Leon
POPLAWSKI, Bruce J.
SIENEL, Tobias H.
MUNOZ, Jules Ricardo
(74) J.M.H. Duyver lic.
(31) 201361788085 P
(32) 15.03.2013
(33) United States of America
(47) 21.11.2018
-
- (51) F28F 3/04
F28D 9/00
(11) EP2674718
(21) EP13172071.6
(22) 14.06.2013
(54) Asymmetric plate heat exchanger
(73) Kelvion Brazed PHE GmbH
(72) Funke, Matthias
(74) ir. P.J. Hylarides c.s.
(31) 102012105144
(32) 14.06.2012
(33) Germany
(47) 03.10.2018
-
- (51) F41H 5/013
F41H 5/02
(11) EP2623920
(21) EP13153190.7
(22) 30.01.2013

- (54) ARMOUR SYSTEM
(73) Amsafe Bridport Limited
(72) Wood, John
(74) dr. A. Krebs
(31) 201201903
201212702
201301121
(32) 03.02.2012
17.07.2012
22.01.2013
(33) United Kingdom
United Kingdom
United Kingdom
(47) 03.10.2018
-
- (51) G01B 9/02
(11) EP2980525
(21) EP15176437.0
(22) 13.07.2015
(54) INTERFEROMETER MIT DREIFACHEM DURCHGANG
(73) Dr. Johannes Heidenhain GmbH
(72) MEISSNER, Markus
(74) ir. H.V. Mertens c.s.
(31) 102014214839
(32) 29.07.2014
(33) Germany
(47) 19.12.2018
-
- (51) G01B 9/02
G01B 11/14
(11) EP2565578
(21) EP12177860.9
(22) 25.07.2012
(54) Device for interferometric distance measurement between two parallel plates
(73) Dr. Johannes Heidenhain GmbH
(72) Holzapfel, Wolfgang
(74) ir. H.V. Mertens c.s.
(31) 102011111900
(32) 30.08.2011
(33) Germany
(47) 19.12.2018
-
- (51) G01C 11/02
G06T 7/00
(11) EP2140402
(21) EP08754985.3
(22) 01.05.2008
(54) SYSTEM FOR DETECTING IMAGE ABNORMALITIES
(73) Pictometry International Corp.
(72) GIUFFRIDA, Frank
SCHULTZ, Stephen
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 926985 P
(32) 01.05.2007
(33) United States of America
(47) 07.11.2018
-
- (51) G01D 4/00
H04W 60/00
H04W 8/08
H04W 74/00
(11) EP2615421
(21) EP13158090.4
(22) 28.10.2009
(54) Telecommunications network and method of transferring user data in signalling messages from a communication unit to a data processing centre
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
Koninklijke KPN N.V.
(72) Busropan, Bryan Jerrel
van Loon, Johannes Maria
(74) ir. W.J.J.M. Kempes
(31) 08018761
(32) 28.10.2008
(33) European Patent Office (EPO)
(47) 03.10.2018
-
- (51) G01D 21/00
(11) EP3189310
(21) EP15760038.8
(22) 28.08.2015
(54) SYSTEM AND METHOD FOR SENSOR NODE LOCALIZATION AND SENSOR NETWORK ORGANIZATION BASED ON CONTEXTUAL EVENT DETECTION
(73) PCMS Holdings, Inc.
(72) OJALA, Pasi Sakari
(74) ir. P.J. Hylarides c.s.
(31) 201462045986 P
201562111745 P
201562152510 P
201562152318 P
(32) 04.09.2014
04.02.2015
24.04.2015
24.04.2015
(33) United States of America
United States of America
United States of America
United States of America
(47) 03.10.2018
-
- (51) G01F 23/26
(11) EP3243047
(21) EP16706828.7
(22) 19.02.2016
(54) A METHOD AND SYSTEM FOR SENSING A LIQUID LEVEL
(73) Koninklijke Philips N.V.
(72) BIAN, Wei
YIP, Kin, Leong
CHIAH, Yao, Hean
CHIN, Kwong, Lim
LIM, Gary, Chi Yang
(74) drs. O. Griebling
(31) 15161639
(32) 30.03.2015
(33) European Patent Office (EPO)
(47) 17.10.2018
-
- (51) G01G 21/23
(11) EP2972144
(21) EP14715149.2
(22) 03.03.2014
(54) IMPROVED SENSOR MOUNTING BRACKET
(73) Illinois Tool Works Inc.
(72) JOHNSON, Thomas H.
(74) ir. W.J.J.M. Kempes
(31) 201313840388
(32) 15.03.2013
(33) United States of America
(47) 10.10.2018
-
- (51) G01J 3/02
G02B 27/00
G01J 1/02
(11) EP2606323
(21) EP11755094.7
(22) 16.08.2011
(54) SPECTROSCOPIC INSTRUMENT
(73) Perkinelmer Singapore PTE Ltd.
(72) HOULT, Robert, Alan
CARTER, Ralph, Lance
(74) ir. H.J.G. Lips c.s.
(31) 201013917
(32) 19.08.2010
(33) United Kingdom
(47) 26.12.2018
-
- (51) G01J 5/02
G01J 5/08
G02B 1/00
G02B 7/02
G02B 5/20
(11) EP2130080
(21) EP08719044.3
(22) 19.03.2008
(54) INFRARED WINDOW ASSEMBLY WITH PROTECTION GRILLE
(73) Robinson, Martin
(72) Robinson, Martin
(74) J.M.H. Duyver lic.
(31) 0705297
(32) 20.03.2007
(33) United Kingdom
(47) 03.10.2018
-
- (51) G01N 21/89
G01M 99/00
G01N 21/93
G06T 7/00
(11) EP3044571
(21) EP14758522.8
(22) 28.08.2014
(54) METHOD AND DEVICE FOR TESTING AN INSPECTION SYSTEM FOR DETECTING SURFACE DEFECTS
(73) ThyssenKrupp Steel Europe AG
(72) HENKEMEYER, Harald
MISSMAHL, Wolf
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102013109915
(32) 10.09.2013
(33) Germany
(47) 10.10.2018
-
- (51) G01N 22/04
A24D 3/02
A24C 5/34
G01B 15/00
(11) EP2606754
(21) EP12008442.1
(22) 19.12.2012
(54) Method for measuring the position of segments with absorbing substances in multi segment filter rods in the tobacco processing industry
(73) TEWS Elektronik GmbH & Co. KG
(72) Zaage, Stefan
Schlemm, Udo
Herrmann, Rainer
Ceslik, Harald
Eggers, Jörn
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102011121918
(32) 22.12.2011
(33) Germany
(47) 03.10.2018

(51) G01N 29/02	(47) 24.10.2018	H01Q 3/26
G01N 29/036	(51) G01R 29/08	G01S 13/44
G01N 33/22	G01R 31/00	(11) EP3019888
G01N 21/64	(11) EP2250510	(21) EP14736931.8
(11) EP3165915	(21) EP09713293.0	(22) 02.07.2014
(21) EP16206006.5	(22) 17.02.2009	(54) INTERFERENCE NULLING OF
(22) 28.09.2012	(54) DEVICE AND METHOD FOR	MULTIPATH SIGNALS IN STACKED
(54) USE OF NANOPARTICLES OF	DETERMINING AT LEAST ONE	BEAM PULSE RADAR
TRANSITION-METAL OXIDES AS	VALUE ASSOCIATED WITH THE	(73) BAE SYSTEMS plc
SENSITIVE MATERIALS IN CHEMICAL	ELECTROMAGNETIC RADIATION OF	(72) CLARK, Marcus, Edward
SENSORS FOR DETECTING OR	AN OBJECT BEING TESTED	(74) ir. M.F.J.M. Ketelaars c.s.
ASSAYING TARGET MOLECULE	(73) Microwave Vision	(31) 201312353
VAPOURS	(72) GARREAU, Philippe	13275160
(73) Commissariat à l'Energie Atomique et aux	IVERSEN, Per	(32) 10.07.2013
Energies Alternatives	GANDOIS, Arnaud	10.07.2013
(72) PEREIRA, Franck	DUCHESNE, Luc	(33) United Kingdom
OUDOT, Natacha	(74) ir. F.A. Geurts c.s.	European Patent Office (EPO)
(74) ir. F.A. Geurts c.s.	(31) 0851093	(47) 07.11.2018
(31) 1158755	(32) 20.02.2008	(51) G01V 1/145
(32) 29.09.2011	(33) France	(11) EP2304468
(33) France	(47) 17.10.2018	(21) EP09766156.5
(47) 17.10.2018	(51) G01R 31/12	(22) 17.06.2009
(51) G01N 33/18	G01R 31/02	(54) MARINE SEISMIC SOURCE
G01N 25/00	G01R 31/08	(73) BP EXPLORATION OPERATING
(11) EP3149434	H01B 17/56	COMPANY LIMITED
(21) EP15737972.8	H02G 7/00	(72) THOMPSON, Martin
(22) 22.05.2015	(11) EP3312622	HARPER, Mark, Francis, Lucien
(54) ANALYSIS DEVICE FOR ANALYZING	(21) EP17194631.2	(74) ir. F.A. Geurts c.s.
WATER AND WASTEWATER	(22) 03.10.2017	(31) 0811123
(73) LAR Process Analysers AG	(54) INSULATOR FOR OVERHEAD POWER	0811764
(72) ARTS, Werner	LINES WITH A PROTECTED LEAKAGE	(32) 18.06.2008
GENTHE, Wolfgang	CURRENT DETECTOR	27.06.2008
(74) ir. P.J. Hylarides c.s.	(73) Sediver SA	(33) United Kingdom
(31) 202014102443 U	(72) MESPLES, Fabrice	United Kingdom
(32) 26.05.2014	COULLOUDON, François	(47) 07.11.2018
(33) Germany	(74) ir. H.V. Mertens c.s.	(51) G02B 6/12
(47) 03.10.2018	(31) 1660093	G02B 6/122
(51) G01N 33/487	(32) 18.10.2016	G02B 6/136
C12Q 1/68	(33) France	(11) EP2942652
(11) EP2994751	(47) 21.11.2018	(21) EP14175029.9
(21) EP14733761.2	(51) G01S 3/803	(22) 30.06.2014
(22) 05.05.2014	G01S 5/02	(54) Layer having a non-linear taper and method
(54) A METHOD OF BIOLOGICAL TARGET	G01S 5/18	of fabrication
DETECTION USING A NANOPORE AND	G01S 5/28	(73) LioniX International B.V.
A FUSION PROTEIN BINDING AGENT	H04W 48/16	(72) Heideman, Rene Gerrit
(73) Two Pore Guys, Inc.	H04W 4/00	Hoekman, Marcel
(72) MORIN, Trevor J.	G01S 15/46	(74) ir. J.M.G. Dohmen c.s.
HELLER, Daniel	H04W 84/18	(31) 201414270014
DUNBAR, William	(11) EP3079440	(32) 05.05.2014
(74) ir. M.F.J.M. Ketelaars c.s.	(21) EP14866991.4	(33) United States of America
(31) 201361820083 P	(22) 02.12.2014	(47) 10.10.2018
(32) 06.05.2013	(54) APPARATUS EQUIPPED WITH	(51) G02F 1/1333
(33) United States of America	PROXIMITY SYNCHRONIZATION	G02F 1/1345
(47) 10.10.2018	MECHANISM AND METHOD FOR	G02F 1/1335
(51) G01N 33/543	OPERATING SAME	G02F 1/1339
G01N 33/53	(73) Samsung Electronics Co., Ltd.	(11) EP1426811
(11) EP2799870	(72) GOEL, Mayank	(21) EP03027379.1
(21) EP12861523.4	HIBINO, Stacie	(22) 27.11.2003
(22) 28.12.2012	(74) ir. M.F.J.M. Ketelaars c.s.	(54) Liquid crystal display and manufacturing
(54) METHOD FOR REDUCING	(31) 201314099013	method thereof
ADSORPTION OF BUBBLES	20140139070	(73) Samsung Display Co., Ltd.
(73) Denka Seiken Co., Ltd.	(32) 06.12.2013	(72) Nam, Hyo-Hak
(72) KANO, Mayumi	15.10.2014	Kim, Dong-Gyu
MIZUE, Hiromi	(33) United States of America	Lee, Dong-Won
(74) ir. F.A. Geurts c.s.	Korea (Republic)	Kang, Jung-Tae
(31) 2011289826	(47) 07.11.2018	(74) ir. H.V. Mertens c.s.
(32) 28.12.2011	(51) G01S 13/42	(31) 2002074477
(33) Japan	G01S 7/28	2002077305

2003049025	(22) 12.03.2014	(32) 23.12.2013
(32) 27.11.2002	(54) Display of an electronic device supporting multiple operation modes	(33) Germany
06.12.2002	(73) Samsung Electronics Co., Ltd.	(47) 21.11.2018
18.07.2003	(72) Kim, Geon-Soo	(51) G06F 3/041
(33) Korea (Republic)	(74) ir. M.F.J.M. Ketelaars c.s.	G06F 3/044
Korea (Republic)	(31) 20130026961	(11) EP3230837
Korea (Republic)	(32) 13.03.2013	(21) EP15813968.3
(47) 14.11.2018	(33) Korea (Republic)	(22) 30.11.2015
(51) G02F 1/1335	(47) 10.10.2018	(54) TOUCH DISPLAY SYSTEM WITH REDUCED MOIRÉ PATTERNS
G02B 5/30	(51) G06F 1/16	(73) Microsoft Technology Licensing, LLC
G02B 5/20	H04M 1/02	(72) DONNELLY, Sean M.
G02B 5/00	(11) EP2954383	WILSON, Jason D.
(11) EP3023833	(21) EP14708146.7	(74) J.M.H. Duyver lic.
(21) EP15179831.1	(22) 04.02.2014	(31) 201414567566
(22) 05.08.2015	(54) ADD-ON INPUT DEVICE	(32) 11.12.2014
(54) COLOR FILTER-INTEGRATED POLARIZER AND METHOD OF MANUFACTURING THE SAME	(73) Microsoft Technology Licensing, LLC	(33) United States of America
(73) Samsung Display Co., Ltd.	(72) BOULANGER, Catherine N.	(47) 10.10.2018
(72) Son, Jung-Ha	(74) ir. P.J. Hylarides c.s.	(51) G06F 3/041
Lee, Joo-Hyung	(31) 201313759875	G06F 3/044
Yeo, Yun-Jong	(32) 05.02.2013	G06F 3/046
(74) drs. A.A. Jilderda	(33) United States of America	(11) EP2880515
(31) 20140162754	(47) 03.10.2018	(21) EP14836371.6
(32) 20.11.2014	(51) G06F 3/01	(22) 13.08.2014
(33) Korea (Republic)	A47K 5/12	(54) INTERACTION SENSING
(47) 10.10.2018	G02F 1/13	(73) Samsung Electronics Co., Ltd.
(51) G02F 1/1362	G02B 5/08	(72) POST, Ernest Rehmi
G02F 1/1368	G06F 3/16	BAU, Olivier
H01L 21/84	A47K 3/28	TSEKOV, Iliya
H01L 29/49	E03C 1/04	SADI, Sajid
H01L 29/423	E03C 1/05	DIGMAN, Michael
H01L 29/786	E03C 1/14	ATTARIAN, Vatche
H01L 29/66	F21V 8/00	CONSUL, Sergi
H01L 27/12	G06F 3/03	(74) ir. M.F.J.M. Ketelaars c.s.
(11) EP2804207	G06F 3/048	(31) 201361865448 P
(21) EP12861052.4	B67D 1/08	201461924558 P
(22) 10.12.2012	B67D 1/00	201461924604 P
(54) METHOD FOR MANUFACTURING TFT ARRAY SUBSTRATE	G06F 3/0481	201461924625 P
(73) BOE Technology Group Co., Ltd.	G06F 3/0482	201461924637 P
(72) LIU, Xiang	(11) EP3203356	201461969544 P
XUE, Jianshe	(21) EP17154553.6	201461969558 P
(74) J.M.H. Duyver lic.	(22) 03.02.2017	201461969590 P
(31) 201210010351	(54) INTERACTIVE DISPLAY DEVICE FOR DISPENSING FLUIDS	201461969612 P
(32) 13.01.2012	(73) Op-Hygiene IP GmbH	201462000429 P
(33) China	(72) OPHARDT, Heiner	201414458102
(47) 31.10.2018	DUNCAN, David	(32) 13.08.2013
(51) G03G 15/00	OPHARDT, Hendrik	07.01.2014
G03G 21/16	(74) ir. M.F.J.M. Ketelaars c.s.	07.01.2014
G03G 21/18	(31) 201662290606 P	07.01.2014
(11) EP1850190	201662358508 P	07.01.2014
(21) EP07106755.7	(32) 03.02.2016	07.01.2014
(22) 23.04.2007	05.07.2016	24.03.2014
(54) Image forming apparatus	(33) United States of America	24.03.2014
(73) Oki Data Corporation	United States of America	19.05.2014
(72) Shinayama, Hideki	(47) 07.11.2018	12.08.2014
(74) dr. A. Krebs	(51) G06F 3/041	(33) United States of America
(31) 2006120311	B60K 37/00	United States of America
(32) 25.04.2006	(11) EP3087460	United States of America
(33) Japan	(21) EP14824459.3	United States of America
(47) 19.12.2018	(22) 19.12.2014	United States of America
(51) G06F 1/16	(54) MEHTOD, DEVICE AND SYSTEM FOR COMMUNICATION WITH A SENSOR	United States of America
G06F 3/048	(73) INOVA Semiconductors GmbH	United States of America
H04M 1/02	(72) RIEDEL, Michael	United States of America
H04M 1/725	(74) ir. C.M. Jansen c.s.	United States of America
(11) EP2778831	(31) 102013114820	United States of America
(21) EP14159256.8		(47) 07.11.2018

(51) G06F 3/0488 G06F 3/0482 G06F 3/0485	SRINIVAS, Nelamangal K. MITTAL, Rochak	(11) EP3265918 (21) EP16708857.4 (22) 19.02.2016
(11) EP2824561 (21) EP14175884.7 (22) 04.07.2014 (54) Electronic device and method for changing order or location of content	(74) ir. M.F.J.M. Ketelaars c.s. (31) 201113232863 (32) 14.09.2011 (33) United States of America (47) 07.11.2018	(54) USING MEMORY COMPRESSION TO REDUCE MEMORY COMMIT CHARGE (73) Microsoft Technology Licensing, LLC (72) BAK, Yevgeniy M. IYIGUN, Mehmet WANG, Landy KISHAN, Arun U. (74) J.M.H. Duyver lic.
(73) Samsung Electronics Co., Ltd (72) Cha, Soon-Hyun Kim, Yang-Su Cho, Jae-Wan (74) ir. M.F.J.M. Ketelaars c.s. (31) 20130079687 (32) 08.07.2013 (33) Korea (Republic) (47) 24.10.2018	(51) G06F 9/455 (11) EP2446353 (21) EP10723871.9 (22) 19.05.2010 (54) VIRTUAL GRAPHICS DEVICE DRIVER (73) Apple Inc. (72) REDMAN, David J. MIN, Changki CHURCHILL, Philip J. SHEPPARD, Adrian T. LEECH, David A. SAHASRABUDDHE, Unmesh HENDRY, Ian BRASFIELD, Eve (74) ir. A.R. Aalbers (31) 492008 (32) 25.06.2009 (33) United States of America (47) 26.12.2018	(31) 201514635302 (32) 02.03.2015 (33) United States of America (47) 14.11.2018
(51) G06F 3/06 G06F 12/02 (11) EP2939119 (21) EP13866866.0 (22) 23.09.2013 (54) DYNAMIC OVERPROVISIONING FOR DATA STORAGE SYSTEMS (73) Western Digital Technologies, Inc. (72) HORN, Robert, L. (74) J.M.H. Duyver lic. (31) 201213727150 (32) 26.12.2012 (33) United States of America (47) 28.11.2018	(51) G06F 9/50 (11) EP2920691 (21) EP13786807.1 (22) 22.10.2013 (54) A NETWORK-INDEPENDENT PROGRAMMING MODEL FOR ONLINE PROCESSING IN DISTRIBUTED SYSTEMS (73) Google LLC (72) MARTY, Michael Roger KIDD, Nicholas Andrew FONTOURA, Marcus ACKNIN, Charles (74) ir. C.M. Jansen c.s. (31) 201261725702 P 201313767286 (32) 13.11.2012 14.02.2013 (33) United States of America United States of America (47) 10.10.2018	(51) G06F 13/00 H04N 7/173 H04N 21/236 H04N 21/431 H04N 21/434 H04N 21/462 H04N 21/81 (11) EP2902912 (21) EP13840625.1 (22) 20.09.2013 (54) INFORMATION PROCESSING DEVICE, PORTABLE TERMINAL, INFORMATION PROCESSING METHOD, PROGRAM, AND INFORMATION PROCESSING SYSTEM (73) Saturn Licensing LLC (72) DEWA Yoshiharu KITAZATO Naohisa SATO Naoyuki YUTANI Tetsuo (74) ir. M.F.J.M. Ketelaars c.s. (31) 2012218759 (32) 28.09.2012 (33) Japan (47) 24.10.2018
(51) G06F 9/22 G06F 9/06 G06F 3/06 (11) EP2427823 (21) EP10772447.8 (22) 16.04.2010 (54) CAPTURING AND LOADING OPERATING SYSTEM STATES (73) Microsoft Technology Licensing, LLC (72) ABZARIAN, David CARPENTER, Todd L. KULKARNI, Harish S. (74) ir. P.J. Hylarides c.s. (31) 435737 (32) 05.05.2009 (33) United States of America (47) 03.10.2018	(51) G06F 11/14 (11) EP2637101 (21) EP13151740.1 (22) 17.01.2013 (54) Electronic device to restore master boot record (MBR), method thereof, and computer-readable medium (73) Samsung Electronics Co., Ltd. (72) Jang, Min Kim, Jae-hwan (74) ir. M.F.J.M. Ketelaars c.s. (31) 20120022089 (32) 04.03.2012 (33) Korea (Republic) (47) 07.11.2018	(51) G06F 13/38 (11) EP2778935 (21) EP14153674.8 (22) 03.02.2014 (54) Efficient Input/Output (I/O) operations (73) Google LLC (72) Barroso, Luiz Andre Laudon, James (74) ir. H.J.G. Lips c.s. (31) 201313835000 (32) 15.03.2013 (33) United States of America (47) 14.11.2018
(51) G06F 9/44 G06F 9/455 G06F 9/48 G06F 9/445 G06F 9/451 G06F 8/60 G06F 21/41 H04L 29/08 (11) EP2756392 (21) EP12832167.6 (22) 11.09.2012 (54) MULTI TENANT ACCESS TO APPLICATIONS (73) Microsoft Technology Licensing, LLC (72) DAS, Manuvir YADAV, Sudarshan KANDHARE, Arvind MALPANI, Sanjay BALACHANDRAN, Ravi K. HERSCHER, Adam	(51) G06F 12/08 G06F 9/44 G06F 12/02 G06F 9/46 G06F 9/50 G06F 12/06	(51) G06F 15/16 (11) EP3161653 (21) EP15812539.3 (22) 29.06.2015 (54) DYNAMIC DISABLING OF MULTI-STEP TRANSPORT LAYER HANDSHAKE SPOOFING IN PERFORMANCE ENHANCING PROXIES (PEPS) IN BROADBAND NETWORKS (73) Hughes Network Systems, LLC (72) TORRES, Robert JAVALI, Nagesh BORDER, John GANESAN, Venkat (74) ir. C.M. Jansen c.s.

(31) 201462018552 P	(73) Microsoft Technology Licensing, LLC	(47) 24.10.2018
(32) 28.06.2014	(72) LEE, Oliver	(51) G06F 21/60
(33) United States of America	BECKERMAN, Michael Scott	H04L 9/08
(47) 03.10.2018	CLARK, Michael Ray	H04L 9/32
(51) G06F 15/16	KHOSRAVY, Moe	G06F 1/16
G06F 15/173	NOVIK, Lev	H04L 29/06
H04L 29/08	PFENNING, Jorg-Thomas	(11) EP2980723
H04L 29/06	(74) ir. M.F.J.M. Ketelaars c.s.	(21) EP15179208.2
(11) EP2156308	(31) 640658	(22) 30.07.2015
(21) EP08744888.2	(32) 18.12.2006	(54) METHOD AND DEVICE(S) FOR
(22) 01.04.2008	(33) United States of America	ENCRYPTING AND/OR DECRYPTING
(54) EXTENSIBLE AND PROGRAMMABLE	(47) 21.11.2018	CONTENT
MULTI-TENANT SERVICE	(51) G06F 17/30	(73) Samsung Electronics Co., Ltd
ARCHITECTURE	G06K 9/62	(72) SAHU, Samir Kant
(73) Microsoft Technology Licensing, LLC	(11) EP2894577	SHIN, Jae-sick
(72) JANEDITTAKARN, Akezyt	(21) EP14200142.9	YEON, Hun-je
DOS SANTOS, Roberto Adlich	(22) 23.12.2014	ISLAM, Mohammad Zuberul
GHANAIE-SICANIE, Arash	(54) RETRIEVING SYSTEM, RETRIEVING	CHOI, Min-suk
OTT, Michael James	METHOD, AND SECURITY INSPECTION	LEE, Nam-suk
(74) ir. M.F.J.M. Ketelaars c.s.	DEVICE BASED ON CONTENTS OF	JEONG, Hak-su
(31) 787134	FLUOROSCOPIC IMAGES	(74) ir. M.F.J.M. Ketelaars c.s.
(32) 13.04.2007	(73) Nuctech Company Limited	(31) 20140098478
(33) United States of America	Tsinghua University	20150002023
(47) 07.11.2018	(72) Li, Yuanjing	20150024018
(51) G06F 17/00	Zhao, Ziran	(32) 31.07.2014
G06F 3/14	Zhang, Jian	07.01.2015
G06T 11/60	Li, Qiang	17.02.2015
(11) EP2917847	Gu, Jianping	(33) Korea (Republic)
(21) EP13853866.5	(74) ir. W.J.J.M. Kempes	Korea (Republic)
(22) 16.08.2013	(31) 201310734306	Korea (Republic)
(54) METHOD AND DIGITAL DEVICE FOR	(32) 27.12.2013	(47) 07.11.2018
DISPLAYING A PATH IN A MAP WITH	(33) China	(51) G06F 21/62
A THICKNESS CORRESPONDING TO A	(47) 03.10.2018	G06F 21/84
DISTANCE WITHIN A SECTION	(51) G06F 21/32	G06T 1/00
(73) LG Electronics Inc.	(11) EP1815379	G06T 11/00
(72) PARK, Hyorim	(21) EP05799241.4	G06T 11/60
(74) ir. F.A. Geurts c.s.	(22) 04.11.2005	G06K 9/00
(31) 20120125265	(54) DISTINCTIVE USER IDENTIFICATION	(11) EP2911088
201213729291	AND AUTHENTICATION FOR	(21) EP15155982.0
(32) 07.11.2012	MULTIPLE USER ACCESS TO DISPLAY	(22) 20.02.2015
28.12.2012	DEVICES	(54) Method and apparatus for displaying
(33) Korea (Republic)	(73) Koninklijke Philips N.V.	biometric information
United States of America	(72) SANCHEZ, David, Sánchez	(73) Samsung Electronics Co., Ltd
(47) 28.11.2018	BALDUS, Heribert	(72) Yoon, Young-Kwon
(51) G06F 17/30	KLABUNDE, Karin	Sung, Woon-Tahk
(11) EP1958087	(74) drs. O. Griebbling	Kim, Moon-Soo
(21) EP06838920.4	(31) 627358 P	Jeong, Taek-Seong
(22) 04.12.2006	(32) 12.11.2004	Kim, Tae-Ho
(54) RESOURCE FRESHNESS AND	(33) United States of America	Lee, Ki-Huk
REPLICATION	(47) 10.10.2018	Chang, Moon-Soo
(73) Microsoft Technology Licensing, LLC	(51) G06F 21/52	Lee, Yang-Soo
(72) SURIYANARAYANAN, Guhan	G06F 21/62	(74) ir. M.F.J.M. Ketelaars c.s.
LIU, Huisheng	G06F 21/53	(31) 20140020512
BJERNER, Nikolaj S.	(11) EP2776970	(32) 21.02.2014
(74) ir. M.F.J.M. Ketelaars c.s.	(21) EP12798035.7	(33) Korea (Republic)
(31) 742508 P	(22) 28.09.2012	(47) 10.10.2018
364234	(54) ENCODING LABELS IN VALUES TO	(51) G06K 9/00
(32) 05.12.2005	CAPTURE INFORMATION FLOWS	(11) EP3243161
28.02.2006	(73) Qualcomm Incorporated	(21) EP15831190.2
(33) United States of America	(72) KERSCHBAUMER, Christoph	(22) 29.12.2015
United States of America	RESHADI, Mohammad H.	(54) EYE TRACKING
(47) 07.11.2018	(74) ir. M.F.J.M. Ketelaars c.s.	(73) Microsoft Technology Licensing, LLC
(51) G06F 17/30	(31) 201161556658 P	(72) WU, Dijia
(11) EP2127251	201213399136	CONRAD, Michael J.
(21) EP07841619.5	(32) 07.11.2011	CHU, Chun-Te
(22) 30.08.2007	17.02.2012	HULTEN, Geoffrey John
(54) PROPAGATION OF CONFLICT	(33) United States of America	(74) ir. P.J. Hylarides c.s.
KNOWLEDGE	United States of America	(31) 201514591865

- (32) 07.01.2015
 (33) United States of America
 (47) 10.10.2018
-
- (51) G06K 9/00
 G06K 9/03
 (11) EP3022685
 (21) EP15738646.7
 (22) 16.07.2015
 (54) METHOD OF RAPID IDENTIFICATION OF A BIOMETRIC OBJECT DURING THE ACQUISITION PHASE AND IDENTIFICATION DEVICE FOR THE IMPLEMENTATION OF THIS METHOD
 (73) Idemia Identity & Security France
 (72) KAZDAGHLI, Laurent
 DARBOIS, Matthieu
 THUILLIER, Cédric
 (74) J.M.H. Duyver lic.
 (31) 1456958
 (32) 18.07.2014
 (33) France
 (47) 28.11.2018
-
- (51) G06K 19/07
 G06K 19/077
 G06K 19/073
 (11) EP3076340
 (21) EP16163590.9
 (22) 01.04.2016
 (54) MULTI-FREQUENCY TRANSPONDER
 (73) EM Microelectronic-Marin SA
 (72) Kolman, Jiri
 Kubis, Jan
 Springer, James J.
 (74) ir. P.J. Hylarides c.s.
 (31) 15162492
 (32) 02.04.2015
 (33) European Patent Office (EPO)
 (47) 10.10.2018
-
- (51) G06T 15/20
 G01V 5/00
 (11) EP2960869
 (21) EP15173714.5
 (22) 24.06.2015
 (54) CT SYSTEM FOR SECURITY CHECK AND METHOD THEREOF
 (73) Nuctech Company Limited
 (72) CHEN, Zhiqiang
 ZHANG, Li
 WANG, Shuo
 SUN, Yunda
 HUANG, Qingping
 TANG, Zhi
 (74) ir. P.J. Hylarides c.s.
 (31) 201410290133
 (32) 25.06.2014
 (33) China
 (47) 03.10.2018
-
- (51) G07F 7/06
 G06F 7/00
 G01N 21/88
 B07C 5/34
 (11) EP1947614
 (21) EP08152913.3
 (22) 24.01.2006
 (54) Conveyor means for returnable items
 (73) Tomra Systems ASA
 (72) Saether, Geir
 Sivertsen, Ronald
 Lunde, Tom
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 20050401
 20050402
 20050403
 20050404
 20050405
 20050406
 20050407
 (32) 25.01.2005
 25.01.2005
 25.01.2005
 25.01.2005
 25.01.2005
 25.01.2005
 25.01.2005
 (33) Norway
 Norway
 Norway
 Norway
 Norway
 Norway
 (47) 10.10.2018
-
- (51) G08B 13/24
 H04B 15/00
 G06K 7/10
 E05B 73/00
 G06K 19/077
 G06K 19/07
 H04B 15/02
 (11) EP3123456
 (21) EP15768296.4
 (22) 05.03.2015
 (54) AN ARRANGEMENT, SYSTEM AND METHOD FOR REDUCING THE EFFECT OF INTERFERENCE AT RADIO FREQUENCIES IN AN ELECTRONIC PRICE LABEL SYSTEM
 (73) MariElla Labels Oy
 (72) MAUNULA, Vesa
 (74) J.M.H. Duyver lic.
 (31) 20145278
 (32) 26.03.2014
 (33) Finland
 (47) 31.10.2018
-
- (51) G09G 5/00
 G09G 5/14
 (11) EP1615202
 (21) EP05014373.4
 (22) 01.07.2005
 (54) Matching digital information flow to a human perception system
 (73) Microsoft Technology Licensing, LLC
 (72) Hill, William
 Hitchcock, Gregory C.
 Larson, Kevin
 (74) ir. P.J. Hylarides c.s.
 (31) 886879
 (32) 08.07.2004
 (33) United States of America
 (47) 03.10.2018
-
- (51) G11B 20/10
 G11B 27/10
 G11B 27/32
 (11) EP2863393
 (21) EP14198343.7
 (22) 10.09.2010
-
- (54) Multi-language buffering during media playback
 (73) NERO AG
 (72) Hametner, Dieter
 (74) mr. dr. H.D. Dokter
 (31) 370589 P
 (32) 04.08.2010
 (33) United States of America
 (47) 17.10.2018
-
- (51) G11B 27/34
 G06F 3/0485
 G11B 27/10
 (11) EP2909834
 (21) EP13779619.9
 (22) 24.09.2013
 (54) AN APPARATUS CONFIGURED TO DISPLAY A MEDIA SCROLL-LINE AND ASSOCIATED METHODS
 (73) Nokia Technologies Oy
 (72) MOISEENKO, Andrey
 SONI, Shahil
 LIUSAARI, Ari
 MIETTINEN, Jukka
 KOSKINEN, Annina
 ANTTILAINEN, Mikko
 (74) ir. W.J.J.M. Kempes
 (31) 201213657314
 (32) 22.10.2012
 (33) United States of America
 (47) 24.10.2018
-
- (51) G21D 3/04
 H02J 9/06
 G21D 1/00
 (11) EP2929614
 (21) EP13875875.0
 (22) 03.12.2013
 (54) MANAGING ELECTRICAL POWER FOR A NUCLEAR REACTOR SYSTEM
 (73) NuScale Power, LLC
 (72) HOUGH, Ted
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 201261733258 P
 201313795911
 (32) 04.12.2012
 12.03.2013
 (33) United States of America
 United States of America
 (47) 07.11.2018
-
- (51) H01H 15/00
 H01H 15/06
 H04M 1/23
 H01H 25/00
 (11) EP3008744
 (21) EP14736189.3
 (22) 10.06.2014
 (54) SWITCH ASSEMBLY FOR A MOBILE DEVICE
 (73) Microsoft Technology Licensing, LLC
 (72) TAYLOR, Joseph
 (74) J.M.H. Duyver lic.
 (31) 201313918817
 (32) 14.06.2013
 (33) United States of America
 (47) 28.11.2018
-
- (51) H01J 35/06
 H01J 9/26
 H01J 9/385
 (11) EP3033761

(21) EP14844905.1	(72) KRASSNITZER, Siegfried	(54) Method for manufacturing a photonic device
(22) 09.07.2014	LENDI, Daniel	(73) NGK Insulators, Ltd.
(54) DUAL TUBE SUPPORT FOR ELECTRON EMITTER	HAGMANN, Juerg	(72) Shibata, Tomohiko, NGK Insulators, Ltd.
(73) Moxtek, Inc.	(74) ir. M.F.J.M. Ketelaars c.s.	Asai, Keiichiro, NGK Insulators, Ltd.
(72) BARNUM, Brian	(31) 102011112759	Nagai, Teruyo, NGK Insulators, Ltd.
PETERSON, Dustin	(32) 08.09.2011	Tanaka, Mitsuhiro, NGK Insulators, Ltd.
MILLER, Eric	(33) Germany	(74) ir. J.M.G. Dohmen c.s.
DRAPER, Eric	(47) 10.10.2018	(31) 2000149190
BARRON, Jon	(51) H01J 37/32	2000149191
(74) ir. M.F.J.M. Ketelaars c.s.	H01L 21/00	2000293763
(31) 201361876036 P	(11) EP2274763	2000293846
201414325896	(21) EP09734820.5	2001114065
(32) 10.09.2013	(22) 15.04.2009	2001114067
08.07.2014	(54) METHOD FOR MANUFACTURING WORKPIECES WITH ION-ETCHED SURFACE	(32) 22.05.2000
(33) United States of America	(73) Oerlikon Surface Solutions AG, Pfäffikon	22.05.2000
United States of America	(72) KRASSNITZER, Siegfried	27.09.2000
(47) 07.11.2018	GSTOEHL, Oliver	27.09.2000
(51) H01J 35/10	ESSELBACH, Markus	12.04.2001
(11) EP2920806	(74) ir. M.F.J.M. Ketelaars c.s.	12.04.2001
(21) EP13823927.2	(31) 46877 P	(33) Japan
(22) 19.11.2013	(32) 22.04.2008	Japan
(54) BEARING UNIT FOR ROTARY ANODES OF X-RAY TUBES	(33) United States of America	Japan
(73) Paul Müller GmbH & Co. KG	(47) 03.10.2018	Japan
Unternehmensbeteiligungen	(51) H01J 49/16	(47) 05.12.2018
(72) KAIKA, Wolfgang	H01J 49/04	(51) H01M 4/139
TRITTHART, Stefan	B05B 5/025	H01M 4/74
MAUSSNER,Thomas	(11) EP2801103	H01M 10/052
(74) ir. W.J.J.M. Kempes	(21) EP13700030.3	H01M 10/0587
(31) 202012104447 U	(22) 04.01.2013	(11) EP2492994
(32) 19.11.2012	(54) ELECTROSTATIC SPRAY IONIZATION METHOD	(21) EP10825002.8
(33) Germany	(73) Ecole Polytechnique Fédérale de Lausanne (EPFL)	(22) 21.10.2010
(47) 10.10.2018	(72) GIRAULT, Hubert Hugues	(54) METHOD FOR MANUFACTURING A LITHIUM SECONDARY BATTERY AND APPARATUS THEREFOR
(51) H01J 37/20	LIU, Baohong	(73) Sei Corporation
(11) EP3078054	LU, Yu	(72) SAWAI, Takehiko
(21) EP14810035.7	QIAO, Liang	SAITO, Shinji
(22) 02.12.2014	SARTOR, Romain	URAO, Kazunori
(54) LOW SPECIMEN DRIFT HOLDER FOR USE IN MICROSCOPY	TOBOLKINA, Elena	(74) ir. C.M. Jansen c.s.
(73) Technische Universiteit Delft	(74) ir. M.F.J.M. Ketelaars c.s.	(31) 2009244054
(72) ZANDBERGEN, Hendrik Willem	(31) 201261583932 P	(32) 23.10.2009
(74) mr. ir. J. van Breda c.s.	(32) 06.01.2012	(33) Japan
(31) 2011876	(33) United States of America	(47) 10.10.2018
(32) 02.12.2013	(47) 03.10.2018	(51) H01Q 1/12
(33) Netherlands	(51) H01J 61/28	H01Q 1/52
(47) 10.10.2018	H01J 61/52	H01R 12/50
(51) H01J 37/304	(11) EP3298620	(11) EP2695233
H01J 37/317	(21) EP16727134.5	(21) EP12706820.3
(11) EP2950325	(22) 10.05.2016	(22) 27.02.2012
(21) EP15169632.5	(54) GAS DISCHARGE LAMP AND A DEVICE FOR CONTROLLING THE TEMPERATURE THEREOF	(54) FLAT-CONDUCTOR CONNECTION ELEMENT FOR AN ANTENNA STRUCTURE
(22) 28.05.2015	(73) ZED Ziegler Electronic Devices GmbH	(73) Saint-Gobain Glass France
(54) COMPENSATION OF DOSE INHOMOGENEITY USING OVERLAPPING EXPOSURE SPOTS	(72) ZIEGLER, Karin	(72) REUL, Bernhard
(73) IMS Nanofabrication GmbH	ZIEGLER, Rolf	DROSTE, Stefan
(72) Platzgummer, Elmar	(74) ir. J.M.G. Dohmen c.s.	DEGEN, Christoph
Reiter, Rafael	(31) 102015107694	(74) ir. F.A. Geurts c.s.
(31) 14170611	(32) 18.05.2015	(31) 11161283
(32) 30.05.2014	(33) Germany	(32) 06.04.2011
(33) European Patent Office (EPO)	(47) 31.10.2018	(33) European Patent Office (EPO)
(47) 28.11.2018	(51) H01L 33/00	(47) 24.10.2018
(51) H01J 37/32	H01L 31/0304	(51) H02J 1/00
(11) EP2754167	H01L 31/105	H02J 7/00
(21) EP12769011.3	(11) EP1160882	(11) EP3262734
(22) 29.08.2012	(21) EP01112409.6	(21) EP16706100.1
(54) PLASMASOURCE	(22) 21.05.2001	(22) 05.02.2016
(73) Oerlikon Surface Solutions AG, Pfäffikon		

(54) LOAD ALLOCATION FOR MULTI-BATTERY DEVICES	(33) European Patent Office (EPO) European Patent Office (EPO)	(72) van der Heijden, Mark
(73) Microsoft Technology Licensing, LLC	(47) 24.10.2018	(74) ir. P.J. Hyalarides c.s.
(72) HUANG, Bojun	(51) H02J 50/10	(47) 03.10.2018
MOSCIBRODA, Thomas	H02J 50/40	(51) H04B 1/40
CHANDRA, Ranveer	H02J 50/12	G06F 3/01
HODGES, Stephen E.	H02J 50/80	G06F 3/0488
MEINERSHAGEN, Julia L.	H02J 50/60	G06F 3/0484
PRIYANTHA, Nissanka Arachchige Bodhi	H02J 5/00	G06F 3/0486
BADAM, Anirudh	H02J 7/02	G06Q 10/10
HU, Pan	(11) EP2375532	G06F 3/0482
FERRESE, Anthony John	(21) EP11171797.1	H04L 12/58
SKIANI, Evangelia	(22) 11.05.2005	H04M 1/725
(74) J.M.H. Duyver lic.	(54) Controlling inductive power transfer systems	(11) EP3022848
(31) 201514633009	(73) Philips IP Ventures B.V.	(21) EP14825683.7
(32) 26.02.2015	(72) Stevens, Michael Craig	(22) 18.07.2014
(33) United States of America	Knill, Alexander Charles	(54) METHOD OF PROVIDING MESSAGE AND USER DEVICE SUPPORTING THE SAME
(47) 05.12.2018	Dunton, John Robert	(73) Samsung Electronics Co., Ltd.
(51) H02J 3/12	Dames, Andrew Nicolas	(72) JEONG, Jinhong
G06F 1/26	Lamb, Kevin Alan	KIM, Geonsoo
(11) EP2622703	(74) drs. O. Griebling	KIM, Hanjib
(21) EP11831240.4	(31) 0410503	(74) ir. M.F.J.M. Ketelaars c.s.
(22) 26.09.2011	0502775	(31) 20130085466
(54) POWER ALLOTMENT DISTRIBUTION IN A DATA CENTER	(32) 11.05.2004	(32) 19.07.2013
(73) Google LLC	10.02.2005	(33) Korea (Republic)
(72) FAN, Xiaobo	(33) United Kingdom	(47) 19.12.2018
SADLER, Chris	United Kingdom	(51) H04B 5/00
CORHODZIC, Selver	(47) 10.10.2018	H01F 38/14
WEBER, Wolf-Dietrich	(51) H02K 3/28	H02J 7/02
HEATH, Taliver, Brooks	H02K 3/18	H02J 50/60
HENNECKE, Mark, D.	H02K 1/14	H02J 50/12
(74) ir. H.J.G. Lips c.s.	H02K 7/18	H02J 50/80
(31) 892116	(11) EP2498381	H02J 50/00
(32) 28.09.2010	(21) EP11157316.8	H02J 5/00
(33) United States of America	(22) 08.03.2011	H02J 50/40
(47) 28.11.2018	(54) Stator coil segment for an electro mechanical transducer, in particular a generator and electro mechanical transducer, in particular electric generator	(11) EP2849353
(51) H02J 5/00		(21) EP14189915.3
H02J 7/00	(73) Siemens Aktiengesellschaft	(22) 02.11.2012
H05K 5/00	(72) Kimiabeigi, Mohammad	(54) Wireless power transmitter, wireless power receiver, wireless power transmission method and wireless power reception method
(11) EP3289660	(74) ir. M.F.J.M. Ketelaars c.s.	(73) LG Innotek Co., Ltd.
(21) EP15724791.7	(47) 10.10.2018	(72) Woo, Kil Jung
(22) 27.04.2015	(51) H03D 7/14	(74) ir. M.F.J.M. Ketelaars c.s.
(54) RADIO BASE STATION POWERED USING WIRELESS POWER	H03D 3/00	(31) 20110117233
(73) Telefonaktiebolaget LM Ericsson (publ)	H04L 27/36	(32) 10.11.2011
(72) ELEFThERiADiS, Lackis	H04L 27/38	(33) Korea (Republic)
LUNDBERG, Jan-erik	H03D 7/18	(47) 31.10.2018
EKLUND, Per	H03D 7/16	(51) H04B 5/00
(74) ir. J.M.G. Dohmen c.s.	(11) EP3008819	H04L 12/58
(47) 28.11.2018	(21) EP13727896.6	H04L 29/08
(51) H02J 7/02	(22) 10.06.2013	H04M 1/2745
H02J 50/12	(54) QUADRATURE MIXER ARRANGEMENT	H04M 1/725
H02M 1/00	(73) Telefonaktiebolaget LM Ericsson (publ)	H04W 4/00
(11) EP2441156	(72) SUNDSSTRÖM, Lars	H04W 4/50
(21) EP10724712.4	EK, Staffan	H04W 4/80
(22) 09.06.2010	SVENSSON, Jim	(11) EP2648427
(54) Circuit arrangement and method for inductive energy transfer	(74) ir. J.M.G. Dohmen c.s.	(21) EP13162562.6
(73) Braun GmbH	(47) 03.10.2018	(22) 05.04.2013
(72) JUNG, Philipp	(51) H03F 3/217	(54) Method and System For Transferring Data Between Plurality of Devices
LEPPER, Joachim	H03F 1/02	(73) Samsung Electronics Co., Ltd
LANGSDORF, Jan Christian	H03F 1/56	(72) Ko, Jae-Woo
HOHMANN, Thomas	(11) EP2838195	Kim, Ho-dong
(31) 09007667	(21) EP13180416.3	Jung, Hee-won
09007662	(22) 14.08.2013	(74) ir. M.F.J.M. Ketelaars c.s.
(32) 10.06.2009	(54) Combiner circuit for a class-e outphasing power amplifier	(31) 20120036407
10.06.2009	(73) Ampleon Netherlands B.V.	

(32) 07.04.2012	INTERFERENCE LIMITS FOR A NON-	(11) EP2882125
(33) Korea (Republic)	GEOSTATIONARY SATELLITE SYSTEM	(21) EP13290302.2
(47) 07.11.2018	(73) Qualcomm Incorporated	(22) 06.12.2013
(51) H04B 7/0417	(72) DETERMAN, James	(54) Method and device for dynamically
H04B 7/06	VASSILOVSKI, Dan	configuring either FEC or ARQ as impulse
H04L 25/02	RAZAGHI, Peyman	noise protection on a communication line
H04L 25/03	TRAN, Allen Minh-Triet	(73) Alcatel Lucent
(11) EP2764636	GURELLI, Mehmet	(72) Drooghaag, Benoit
(21) EP1283907.5	NAGARAJA, Sumeeth	Dardenne, Xavier
(22) 04.10.2012	BLACK, Peter John	(74) ir. W.J.J.M. Kempes
(54) SNR ESTIMATION BASED ON THE	WU, Qiang	(47) 05.12.2018
QR-DECOMPOSITION OF THE MIMO	MARSH, Gene Wesley	(51) H04L 1/16
CHANNEL MATRIX	(74) ir. M.F.J.M. Ketelaars c.s.	H04L 1/18
(73) Samsung Electronics Co., Ltd.	(31) 201562142769 P	(11) EP2528262
(72) GUPTA, Ankit	201514865390	(21) EP12179700.5
(74) ir. M.F.J.M. Ketelaars c.s.	(32) 03.04.2015	(22) 16.06.2010
(31) 201161543195 P	25.09.2015	(54) SYSTEM AND METHOD FOR
201213632967	(33) United States of America	SUPPORTING HIGHER-LAYER
(32) 04.10.2011	United States of America	PROTOCOL MESSAGING IN AN IN-
01.10.2012	(47) 17.10.2018	BAND MODEM
(33) United States of America	(51) H04H 20/42	(73) QUALCOMM Incorporated
United States of America	H04H 20/30	(72) Pietsch, Christian
(47) 05.12.2018	(11) EP2093908	Sgraja, Christian
(51) H04B 7/06	(21) EP09151552.8	Joetten, Christoph A.
H04W 28/18	(22) 28.01.2009	Leung, Nikolai K.
H04W 48/16	(54) Method and apparatus for transmitting	Werner, Marc W.
H04W 72/04	and receiving broadcast service data in a	Granzow, Wolfgang
H04W 84/12	broadcasting communication system, method	(74) ir. M.F.J.M. Ketelaars c.s.
(11) EP2782264	for configuring the broadcast service data,	(31) 187393 P
(21) EP14170925.3	and frame including the broadcast service	325732 P
(22) 11.11.2010	data	327004 P
(54) Method and apparatus for supporting	(73) Samsung Electronics Co., Ltd.	816252
management actions for very high throughput	(72) Lim, Yeon-Ju	(32) 16.06.2009
in wireless communications	Kwon, Hwan-Joon	19.04.2010
(73) Interdigital Patent Holdings, Inc.	Lee, Hak-Ju	22.04.2010
(72) Grandhi, Sudheer, A.	Kim, Jae-Yoel	15.06.2010
(74) ir. P.J. Hylarides c.s.	Yun, Sung-Ryul	(33) United States of America
(31) 261197 P	Jeong, Hong-Sil	United States of America
(32) 13.11.2009	Myung, Seho	United States of America
(33) United States of America	(74) ir. M.F.J.M. Ketelaars c.s.	United States of America
(47) 17.10.2018	(31) 20080008800	(47) 17.10.2018
(51) H04B 7/185	20080011005	(51) H04L 1/16
(11) EP3272029	(32) 28.01.2008	H04L 12/26
(21) EP16710882.8	04.02.2008	G06Q 40/04
(22) 02.03.2016	(33) Korea (Republic)	G06Q 40/06
(54) AUTONOMOUS SATELLITE	Korea (Republic)	(11) EP2793417
AUTOMATIC GAIN CONTROL	(47) 10.10.2018	(21) EP14164824.6
(73) Qualcomm Incorporated	(51) H04J 14/02	(22) 30.08.2012
(72) WHEATLEY, Charles, Edward	(11) EP2878091	(54) Message stream integrity
(74) ir. M.F.J.M. Ketelaars c.s.	(21) EP12748440.0	(73) Trading Technologies International, Inc.
(31) 201562136170 P	(22) 16.08.2012	(72) Bradnick, Erica
201514864814	(54) ROUTING FOR SUPER CHANNEL	Brody, Leslie
(32) 20.03.2015	FOR BANDWIDTH VARIABLE	Singer, Scott
24.09.2015	WAVELENGTH SWITCHED OPTICAL	(74) ir. W.J.J.M. Kempes
(33) United States of America	NETWORK	(31) 201113225047
United States of America	(73) Telefonaktiebolaget LM Ericsson (publ)	(32) 02.09.2011
(47) 03.10.2018	(72) SAMBO, Nicola	(33) United States of America
(51) H04B 7/185	CUGINI, Filippo	(47) 10.10.2018
H04B 7/204	BOTTARI, Giulio	(51) H04L 1/18
H01Q 1/28	IOVANNA, Paola	H04L 5/00
H01Q 1/36	CASTOLDI, Piero	H04L 1/16
H01Q 3/28	(74) ir. J.M.G. Dohmen c.s.	H04W 72/04
H01Q 3/34	(31) 12178061	(11) EP2806592
(11) EP3278472	(32) 26.07.2012	(21) EP13739007.6
(21) EP16714188.6	(33) European Patent Office (EPO)	(22) 18.01.2013
(22) 24.03.2016	(47) 03.10.2018	(54) METHOD AND APPARATUS FOR
(54) METHOD AND APPARATUS	(51) H04L 1/00	ENHANCED-CONTROL CHANNEL-
FOR AVOIDING EXCEEDING	H04L 1/18	

BASED OPERATION IN WIRELESS COMMUNICATION SYSTEM	(74) J.M.H. Duyver lic.	H04L 1/18
(73) LG Electronics Inc.	(47) 05.12.2018	(11) EP2988462
(72) SEO, Hanbyul	(51) H04L 5/00	(21) EP14784763.6
SEO, Dongyoun	H04L 1/00	(22) 18.04.2014
SEO, Inkwon	H04L 1/04	(54) METHOD AND APPARATUS FOR TRANSMITTING THE HEW-SIG FIELD IN WLAN COMMUNICATIONS SYSTEMS
KIM, Kijun	(11) EP2077641	(73) LG Electronics Inc.
KIM, Hakseong	(21) EP09150180.9	(72) CHOI, Jinsoo
(74) ir. F.A. Geurts c.s.	(22) 07.01.2009	LEE, Wookbong
(31) 201261588142 P	(54) Method for scheduling distributed virtual resource blocks	CHO, Hangyu
201261591276 P	(73) Optis Cellular Technology, LLC	LIM, Dongguk
201261598311 P	(72) Seo, Dong Youn	CHUN, Jinyoung
201261614478 P	Kim, Eun Sun	(74) J.M.H. Duyver lic.
201261644409 P	Kim, Bong Hoe	(31) 201361813644 P
201261706789 P	Ahn, Joon Kui	201361821732 P
201261721507 P	(74) ir. C.M. Jansen c.s.	(32) 19.04.2013
(32) 18.01.2012	(31) 19589 P	10.05.2013
27.01.2012	24886 P	(33) United States of America
13.02.2012	26113 P	United States of America
22.03.2012	28186 P	(47) 31.10.2018
08.05.2012	28511 P	(51) H04L 5/00
28.09.2012	33358 P	H04W 72/04
02.11.2012	37302 P	(11) EP3261285
(33) United States of America	38778 P	(21) EP17185910.1
United States of America	20080131113	(22) 01.02.2012
United States of America	(32) 07.01.2008	(54) BANDWIDTH LIMITED TELECOMMUNICATION
United States of America	30.01.2008	(73) SCA IPLA Holdings Inc.
United States of America	04.02.2008	(72) MCNAMARA, Darren Phillip
United States of America	12.02.2008	BEALE, Martin Warwick
United States of America	13.02.2008	LILLIE, Andrew
United States of America	03.03.2008	DARWOOD, Peter B.
(47) 28.11.2018	17.03.2008	(74) ir. W.J.J.M. Kempes
(51) H04L 1/18	24.03.2008	(31) 201101983
H04W 72/12	22.12.2008	(32) 04.02.2011
(11) EP2613458	(33) United States of America	(33) United Kingdom
(21) EP13161677.3	United States of America	(47) 05.12.2018
(22) 07.08.2008	United States of America	(51) H04L 5/00
(54) Method of transmitting uplink control signals in wireless communication system	United States of America	H04W 72/12
(73) LG Electronics Inc.	United States of America	(11) EP3257188
(72) Kwak, Jin Sam	United States of America	(21) EP17704896.4
Park, Hong Won	United States of America	(22) 27.01.2017
Han, Seung Hee	United States of America	(54) TRANSMISSION OF SOUNDING REFERENCE SIGNALS FOR LICENSED ASSISTED ACCESS
Noh, Min Seok	Korea (Republic)	(73) Ofinno Technologies, LLC
Kwon, Yeong Hyeon	(47) 21.11.2018	(72) DINAN, Esmael
Lee, Hyun Woo	(51) H04L 5/00	(74) mr. ir. J. van Breda c.s.
Kim, Dong Cheol	H04L 1/00	(31) 201662288679 P
Chung, Jae Hoon	H04L 1/20	(32) 29.01.2016
(74) J.M.H. Duyver lic.	(11) EP2946511	(33) United States of America
(31) 954812 P	(21) EP14789892.8	(47) 03.10.2018
979860 P	(22) 03.10.2014	(51) H04L 9/32
20070127014	(54) OUTER-LOOP CONTROL IN WIRELESS COMMUNICATION LINK ADAPTATION	G06F 21/00
(32) 08.08.2007	(73) Telefonaktiebolaget LM Ericsson (publ)	H04L 9/08
14.10.2007	(72) GUO, Shiguang	G06F 21/60
07.12.2007	LU, Guoqiang	(11) EP2396921
(33) United States of America	CHEN, Xixian	(21) EP10741582.0
United States of America	YU, Ping	(22) 04.02.2010
Korea (Republic)	REN, Hong	(54) TRUSTED CLOUD COMPUTING AND SERVICES FRAMEWORK
(47) 10.10.2018	NOUAH, Ahmed	(73) Microsoft Technology Licensing, LLC
(51) H04L 5/00	(74) ir. H.V. Mertens c.s.	(72) AURADKAR, Rahul V.
(11) EP3210328	(31) 201314106191	D'SOUZA, Roy Peter
(21) EP14799902.3	(32) 13.12.2013	(74) ir. M.F.J.M. Ketelaars c.s.
(22) 24.10.2014	(33) United States of America	(31) 152956 P
(54) HOPPING PATTERN FOR SYNCHRONIZATION SIGNALS	(47) 19.12.2018	
(73) Telefonaktiebolaget LM Ericsson (publ)	(51) H04L 5/00	
(72) AXNÄS, Johan	H04L 27/20	
HUI, Dennis	H04L 27/18	
BALACHANDRAN, Kumar	H04L 27/26	

491403	FRIJLINK, Naud	G06F 17/30
(32) 16.02.2009	DAVIS, Shawna Julie	(11) EP2788886
25.06.2009	GARBIS, Christer	(21) EP12855383.1
(33) United States of America	(74) J.M.H. Duyver lic.	(22) 29.11.2012
United States of America	(31) 201113082413	(54) ACCESS TO SUPPLEMENTAL DATA
(47) 07.11.2018	(32) 08.04.2011	BASED ON IDENTIFIER DERIVED
(51) H04L 12/28	(33) United States of America	FROM CORRESPONDING PRIMARY
H04L 12/725	(47) 05.12.2018	APPLICATION DATA
H04L 29/08	(51) H04L 29/06	(73) Microsoft Technology Licensing, LLC
(11) EP2321932	(11) EP2941857	(72) LEHMAN, Gregg T.
(21) EP09811929.0	(21) EP14702113.3	DE, Vaishali
(22) 13.08.2009	(22) 06.01.2014	RODRIGUEZ, Raul H.
(54) PROBABILISTIC DYNAMIC ROUTER- SERVER MESH ROUTING	(54) SITE-BASED SERVER SELECTION	BOYKO, Alex
(73) Microsoft Technology Licensing, LLC	(73) Netflix, Inc.	FILPUS, Greg
(72) ALLEN, Nicholas, A.	(72) WATSON, Mark	LIU, Jiahe (Jack)
BATRES, Stefan, R.	WEI, Wei	(74) ir. P.J. Hylarides c.s.
BROWN, Justin, D.	(74) ir. W.J.J.M. Kempes	(31) 201113315304
PINTO, Edmund, SV.	(31) 201313735827	(32) 09.12.2011
RAMAN, Karthik	(32) 07.01.2013	(33) United States of America
TAYLOR, John, A.	(33) United States of America	(47) 03.10.2018
(74) ir. M.F.J.M. Ketelaars c.s.	(47) 03.10.2018	(51) H04L 29/08
(31) 203826	(51) H04L 29/06	H04W 40/02
(32) 03.09.2008	(11) EP3087714	H04W 4/16
(33) United States of America	(21) EP14701719.8	H04M 1/725
(47) 10.10.2018	(22) 23.01.2014	H04W 52/02
(51) H04L 12/28	(54) A METHOD AND APPARATUS FOR	H04W 8/22
H04W 48/20	DETECTING THAT AN ATTACKER HAS	(11) EP3055979
H04W 84/12	SENT ONE OR MORE MESSAGES TO A	(21) EP14851639.6
(11) EP2737660	RECEIVER NODE	(22) 29.09.2014
(21) EP12817976.9	(73) Telefonaktiebolaget LM Ericsson (publ)	(54) METHOD AND APPARATUS FOR
(22) 27.07.2012	(72) FIASCHI, Giovanni	PROVIDING COORDINATED
(54) LAUNDRY MACHINE AND ONLINE	GAAL, Geza	OPERATION OF MULTIPLE MOBILE
SYSTEM INCLUDING THE SAME	(74) ir. J.M.G. Dohmen c.s.	COMMUNICATION DEVICES
(73) LG Electronics Inc.	(31) PCT/EP2013/077999	(73) Nokia Technologies OY
(72) HA, Mikyung	(32) 24.12.2013	(72) KIUKKONEN, Niko
(74) ir. A.R. Aalbers	(33) World Intellectual Property Office (WIPO)	(74) ir. W.J.J.M. Kempes
(31) 20110074770	(47) 10.10.2018	(31) 201314047750
(32) 27.07.2011	(51) H04L 29/06	(32) 07.10.2013
(33) Korea (Republic)	H04L 9/32	(33) United States of America
(47) 24.10.2018	H04L 12/58	(47) 24.10.2018
(51) H04L 12/58	H04L 9/08	(51) H04M 1/03
(11) EP2324605	(11) EP3282664	H04R 1/28
(21) EP09784935.0	(21) EP16001759.6	(11) EP2883363
(22) 14.08.2009	(22) 08.08.2016	(21) EP12882938.9
(54) A COMMUNICATION DEVICE	(54) EMAIL VERIFICATION	(22) 13.08.2012
(73) The Sorting Office Limited	(73) Virtual Solution AG	(54) SOUND TRANSDUCER ACOUSTIC
(72) TANNER, Peter	(72) Jakobi, Thomas	BACK CAVITY SYSTEM
(74) ir. F.A. Geurts c.s.	Graf von Spreiti, Christian	(73) Nokia Technologies OY
(31) 0815467	(74) ir. P.J. Hylarides c.s.	(72) SHI, Shengrong
(32) 22.08.2008	(47) 10.10.2018	(74) ir. W.J.J.M. Kempes
(33) United Kingdom	(51) H04L 29/06	(47) 17.10.2018
(47) 10.10.2018	H04W 12/06	(51) H04M 15/00
(51) H04L 12/58	H04W 68/02	H04L 12/14
G06F 3/0482	(11) EP2850862	H04L 29/06
G06F 3/0484	(21) EP12761685.2	H04W 4/24
H04M 1/725	(22) 15.05.2012	(11) EP2541884
H04M 1/2745	(54) SECURE PAGING	(21) EP12184704.0
(11) EP2695405	(73) Telefonaktiebolaget LM Ericsson (publ)	(22) 21.11.2002
(21) EP12767728.4	(72) ARKKO, Jari	(54) System and method for charging in a
(22) 03.04.2012	SAHLIN, Bengt	communication network
(54) INTEGRATED CONTACT CARD	LARMO, Anna	(73) Telefonaktiebolaget LM Ericsson (publ)
COMMUNICATION	SLAVOV, Kristian	(72) Hakala, Harri
(73) Microsoft Technology Licensing, LLC	NORRMAN, Karl	Lundström, Johan
(72) HOWARD, Gregory Alan	(74) ir. J.M.G. Dohmen c.s.	Teppo, Patrik
KING, Joseph Spencer	(47) 03.10.2018	(74) ir. J.M.G. Dohmen c.s.
AIWAZIAN, Yili	(51) H04L 29/08	(31) 20012277
TODD, Ian Hunter		(32) 21.11.2001
		(33) Finland

(47) 10.10.2018	United States of America	(73) Fitz, Kelly
(51) H04N 5/232	United States of America	Zhang, Tao
H04N 21/4223	(47) 28.11.2018	Xu, Buye
H04N 21/431	(51) H04N 19/176	Abdollahi, Mohammad
H04N 21/44	H04N 19/117	(72) Fritz, Kelly
(11) EP2701379	H04N 19/186	Zhang, Tao
(21) EP12181384.4	H04N 19/82	Xu, Buye
(22) 22.08.2012	H04N 19/523	Abdollahi, Mohammad
(54) Composition manager camera	(11) EP2858367	(74) dr. W.A.H.M. Van Borm
(73) 2236008 Ontario Inc.	(21) EP14192546.1	(31) 201562146202 P
(72) Belanger, Etienne	(22) 26.04.2013	(32) 10.04.2015
Nita, Adrian	(54) Predictive video coding with sub-pixel accuracy for different colour sampling formats	(33) United States of America
Boak, Adrian	(73) Sony Corporation	(47) 07.11.2018
Graham, Neil John	(72) Gamei, James Alexander	(51) H04S 7/00
Van Reenan, Michael Alexander	Saunders, Nicholas Ian	H04R 1/40
(74) ir. F.E. Hoeben	Sharman, Karl James	G10L 21/0216
(47) 03.10.2018	Silcock, Paul James	(11) EP2795931
(51) H04N 19/107	(74) ir. W.J.J.M. Kempes	(21) EP12859487.6
H04N 19/70	(31) 201207459	(22) 13.12.2012
(11) EP2941869	201211072	(54) AN AUDIO LENS
(21) EP13803402.0	201211073	(73) Nokia Technologies Oy
(22) 26.11.2013	(32) 26.04.2012	(72) LAAKSONEN, Lasse Juhani
(54) VIDEO BUFFERING OPERATIONS FOR RANDOM ACCESS IN VIDEO CODING	22.06.2012	UGUR, Kemal
(73) QUALCOMM INCORPORATED	22.06.2012	PATWARDHAN, Pushkar Prasad
(72) WANG, Ye-Kui	(33) United Kingdom	VASILACHE, Adriana
RAMASUBRAMONIAN, Adarsh Krishnan	United Kingdom	HAGQVIST, Jari Mathias
CHEN, Ying	United Kingdom	(74) ir. W.J.J.M. Kempes
(74) ir. M.F.J.M. Ketelaars c.s.	(47) 05.12.2018	(31) CH44962011
(31) 201361749820 P	(51) H04N 19/523	(32) 21.12.2011
201314089495	(11) EP2113884	(33) India
(32) 07.01.2013	(21) EP09251215.1	(47) 31.10.2018
25.11.2013	(22) 29.04.2009	(51) H04W 4/00
(33) United States of America	(54) Adaptive generation of irregular spatial sub-sampling for images	(11) EP2739074
United States of America	(73) Sony Corporation	(21) EP13193811.0
(47) 24.10.2018	Sony Electronics, Inc.	(22) 21.11.2013
(51) H04N 19/11	(72) Paniconi, Marco	(54) Method and mobile terminal for controlling bluetooth low energy device
H04N 19/14	(74) ir. W.J.J.M. Kempes	(73) Samsung Electronics Co., Ltd
H04N 19/157	(31) 111925	(72) Lee, Ju-young
H04N 19/182	(32) 29.04.2008	Lee, Sang-hyup
H04N 19/44	(33) United States of America	Ko, Min-jeong
H04N 19/593	(47) 05.12.2018	Kim, Kwang-choon
H04N 19/80	(51) H04N 21/454	Suh, Jung-won
H04N 19/82	H04N 21/84	Shin, Seung-hyuck
(11) EP2391129	(11) EP2891318	Yoon, Sung-jin
(21) EP11004325.4	(21) EP13753762.7	(74) ir. M.F.J.M. Ketelaars c.s.
(22) 25.05.2011	(22) 19.08.2013	(31) 20120139245
(54) New planar prediction mode	(54) CONTENT CARRIED RATINGS BASED CONTROL	20130026821
(73) LG ELECTRONICS INC.	(73) Microsoft Technology Licensing, LLC	(32) 03.12.2012
(72) Lim, Jaehyun	(72) MOUNTANOS, Pete	13.03.2013
Jeon, Byeongmoon	RAMASUBRAMANIAN, Anand	(33) Korea (Republic)
Park, Seungwook	MOHR, Grant	Korea (Republic)
Sung, Jaewon	TAKAHASHI, Eduardo	(47) 07.11.2018
Kim, Jungsun	TOOMEY, Donal	(51) H04W 4/02
Jeon, Yongjoon	(74) ir. P.J. Hylarides c.s.	H04W 4/21
Park, Joonyoung	(31) 201213596091	H04W 8/00
Choi, Younghee	(32) 28.08.2012	H04W 76/14
(74) ir. F.A. Geurts c.s.	(33) United States of America	(11) EP2949164
(31) 347821 P	(47) 03.10.2018	(21) EP14743469.0
445538 P	(51) H04R 25/00	(22) 24.01.2014
451121 P	(11) EP3079378	(54) PROXIMITY AND INTEREST DETERMINATION BY A WIRELESS DEVICE
471185 P	(21) EP16164478.6	(73) BlackBerry Limited
(32) 25.05.2010	(22) 08.04.2016	(72) GAGE, William Anthony
23.02.2011	(54) NEURAL NETWORK-DRIVEN FREQUENCY TRANSLATION	MUKHERJEE, Biswaroop
10.03.2011		NOVAK, Robert
03.04.2011		(74) ir. F.E. Hoeben
(33) United States of America		
United States of America		

(31) 201313750331	(22) 06.10.2011	(11) EP3205149
(32) 25.01.2013	(54) METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING DATA	(21) EP14799238.2
(33) United States of America		(22) 10.10.2014
(47) 10.10.2018		(54) METHODS AND APPARATUS FOR STANDALONE LTE RAN USING UNLICENSED FREQUENCY BAND
(51) H04W 4/14	(73) Samsung Electronics Co., Ltd	(73) Telefonaktiebolaget LM Ericsson (publ)
(11) EP2569960	(72) HAN, Jin Kyu	(72) ZHANG, Zhan
(21) EP11718042.2	KIM, Youn Sun	LI, Gen
(22) 03.05.2011	(74) ir. M.F.J.M. Ketelaars c.s.	MILDH, Gunnar
(54) IMPROVED DELIVERY OF SHORT MESSAGES	(31) 20100097291	LIU, Jinhua
(73) Nokia Solutions and Networks Oy	(32) 06.10.2010	ROELAND, Dinand
(72) WIEHE, Ulrich	(33) Korea (Republic)	
VARGA, Jozsef	(47) 05.12.2018	
(74) ir. W.J.J.M. Kempes	(51) H04W 36/00	(74) J.M.H. Duyver lic.
(31) PCT/EP2010/056559	H04W 72/04	(47) 05.12.2018
(32) 12.05.2010	(11) EP2891360	(51) H04W 48/10
(33) World Intellectual Property Office (WIPO)	(21) EP12761693.6	(11) EP3244660
(47) 10.10.2018	(22) 30.08.2012	(21) EP17170295.4
(51) H04W 12/02	(54) METHODS AND NODES FOR FAST HANDOVER USING PRE-ALLOCATION OF RESOURCES IN TARGET NODES	(22) 09.05.2017
H04L 29/06	(73) Telefonaktiebolaget LM Ericsson (publ)	(54) HANDLING NETWORK FEATURE
H04L 9/06	(72) WÄNSTEDT, Stefan	(73) HTC Corporation
(11) EP2803218	WANG, Min	(72) Tiwari, Kundan
(21) EP12813189.3	(74) ir. J.M.G. Dohmen c.s.	(74) ir. M.F.J.M. Ketelaars c.s.
(22) 13.12.2012	(47) 03.10.2018	(31) 201662333872 P
(54) A SYSTEM AND METHOD FOR SECURE COMMUNICATION	(51) H04W 36/00	(32) 10.05.2016
(73) The Boeing Company	H04W 88/06	(33) United States of America
(72) ANDREWS, Eric, J.	H04W 84/12	(47) 07.11.2018
EIGLE, Ted	(11) EP2478742	(51) H04W 60/04
HOFFMAN, Ceilidh	(21) EP10816746.1	H04W 76/20
(74) ir. H.J.G. Lips c.s.	(22) 10.08.2010	H04L 29/08
(31) 201213349543	(54) DATA PATH TRANSFER FOR MULTIBAND COMMUNICATION	H04L 29/12
(32) 12.01.2012	(73) Nokia Technologies Oy	(11) EP2934050
(33) United States of America	(72) KAKANI, Naveen, Kumar	(21) EP15170199.2
(47) 14.11.2018	(74) ir. W.J.J.M. Kempes	(22) 19.01.2001
(51) H04W 16/06	(31) 561452	(54) APPARATUS AND METHOD FOR PROVIDING A CONNECTION
(11) EP3323255	(32) 17.09.2009	(73) Core Wireless Licensing S.à.r.l.
(21) EP15739251.5	(33) United States of America	Conversant Wireless Licensing S.à r.l.
(22) 15.07.2015	(47) 17.10.2018	(72) Hurta, Tuija
(54) REALLOCATING A CAPACITY BOOST CELL OF A CELLULAR NETWORK	(51) H04W 40/24	Haumont, Serge
(73) Telefonaktiebolaget LM Ericsson (PUBL)	H04L 12/66	(74) ir. J.M.G. Dohmen c.s.
(72) MAGUIRE, Patrick	H04W 88/16	(31) PCT/EP00/04647
O'MEARA, Jimmy	H04W 76/12	(32) 22.05.2000
(74) ir. J.M.G. Dohmen c.s.	(11) EP2425659	(33) World Intellectual Property Office (WIPO)
(47) 28.11.2018	(21) EP10769971.2	(47) 03.10.2018
(51) H04W 28/02	(22) 30.04.2010	(51) H04W 72/04
H04L 29/08	(54) METHOD AND APPARATUS FOR SUPPORTING LOCAL IP ACCESS IN A FEMTO CELL OF A WIRELESS COMMUNICATION SYSTEM	H04L 1/18
H04W 4/00	(73) Samsung Electronics Co., Ltd.	H04W 48/12
H04W 28/10	(72) CHO, Song Yeon	H04L 5/00
(11) EP2893739	LIM, Chae Gwon	H04L 5/14
(21) EP12770251.2	CHOI, Sung Ho	(11) EP2997782
(22) 05.09.2012	BAE, Beom Sik	(21) EP14736721.3
(54) METHOD AND SERVER FOR CONTROLLED DATA UPLOAD IN MOBILE CELLULAR NETWORKS	(74) ir. M.F.J.M. Ketelaars c.s.	(22) 01.07.2014
(73) Telefonaktiebolaget LM Ericsson (publ)	(31) 20090038428	(54) SYSTEMS AND METHODS FOR TRANSMITTING DATA INFORMATION MESSAGES ON A DOWNLINK CONTROL CHANNEL OF A WIRELESS COMMUNICATION SYSTEM
(72) DAMOLA, Ayodele	20090038514	(73) Huawei Technologies Co., Ltd.
(74) ir. J.M.G. Dohmen c.s.	20090098994	(72) BERGGREN, Fredrik
(47) 05.12.2018	(32) 30.04.2009	SOONG, Anthony
(51) H04W 28/22	30.04.2009	(74) ir. W.J.J.M. Kempes
H04W 4/06	16.10.2009	(31) 201361842839 P
H04L 5/00	(33) Korea (Republic)	(32) 03.07.2013
H04L 25/02	Korea (Republic)	(33) United States of America
H04L 27/00	Korea (Republic)	(47) 10.10.2018
(11) EP2625898	(47) 05.12.2018	(51) H04W 72/04
(21) EP11830924.4	(51) H04W 48/10	H04L 5/00
		(11) EP2446685

(21) EP10731580.6	United States of America	(51) H05B 33/08
(22) 15.06.2010	(47) 10.10.2018	(11) EP3024302
(54) A METHOD FOR COMMUNICATING IN A MOBILE NETWORK	(51) H04W 76/11	(21) EP14194411.6
(73) Sharp Kabushiki Kaisha Koninklijke Philips N.V.	H04W 4/12	(22) 21.11.2014
(72) MOULSLEY, Timothy	H04W 8/02	(54) Surge protection for light-emitting diodes
CHIAU, Choo, Chiap	H04W 8/08	(73) Schreder
TESANOVIC, Milos	H04W 8/12	(72) Borlez, Yves
DAVIES, Rob, J.	H04W 36/00	(74) J.M.H. Duyver lic.
(74) drs. O. Griebling	H04W 36/12	(47) 05.12.2018
(31) 09163832	H04W 88/08	(51) H05B 37/02
(32) 25.06.2009	(11) EP3222112	(11) EP2308269
(33) European Patent Office (EPO)	(21) EP14824571.5	(21) EP09786621.4
(47) 24.10.2018	(22) 21.11.2014	(22) 16.07.2009
(51) H04W 74/00	(54) NETWORK NODES, METHODS PERFORMED THEREIN, COMPUTER PROGRAMS AND A COMPUTER READABLE STORAGE MEDIUM	(54) METHOD OF SETTING UP A LUMINAIRE AND LUMINAIRE TO APPLY THE METHOD
H01Q 3/00	(73) Telefonaktiebolaget LM Ericsson (publ)	(73) Philips Lighting Holding B.V.
H04B 7/06	(72) MILDH, Gunnar	(72) CHATELUS, Bertrand
H04B 7/08	ROMMER, Stefan	(74) drs. O. Griebling
H04B 7/0408	SANDER, Ann-Christine	(31) 08300240
H04L 5/00	HALL, Göran	(32) 21.07.2008
H04W 16/28	(74) ir. C.M. Jansen c.s.	(33) European Patent Office (EPO)
H04W 72/04	(47) 17.10.2018	(47) 24.10.2018
(11) EP3123802	(51) H04W 76/22	(51) H05B 37/02
(21) EP14772462.9	(11) EP3202222	(11) EP2818030
(22) 27.08.2014	(21) EP14795670.0	(21) EP13752409.6
(54) SYSTEM AND METHOD FOR BEAM-BASED PHYSICAL RANDOM-ACCESS	(22) 01.10.2014	(22) 19.02.2013
Telefonaktiebolaget LM Ericsson (publ)	(54) UE INITIATED SERVICE-DRIVEN END-TO-END BEARER DATA PATH MODIFICATION	(54) DUAL FUNCTION LIGHT CONTROLLER WITH STAND-ALONE AND PERIPHERAL MODE OF OPERATION
(73) FRENNE, Mattias	(73) Telefonaktiebolaget LM Ericsson (publ)	(73) Elation Lighting, Inc.
ZHANG, Qiang	(72) ALBASHEIR, Suliman	(72) HINRICHS, Matthias
SAHLIN, Henrik	EL-NAJJAR, Jad	(74) ir. C.M. Jansen c.s.
PARKVALL, Stefan	(74) ir. H.V. Mertens c.s.	(31) 201270081
FURUSKOG, Johan	(47) 05.12.2018	(32) 20.02.2012
ANDERSSON, Håkan	(51) H05B 3/84	(33) Denmark
(74) ir. J.M.G. Dohmen c.s.	B60R 11/04	(47) 03.10.2018
(31) 201461970145 P	(11) EP2823689	(51) H05H 9/04
(32) 25.03.2014	(21) EP13703378.3	(11) EP2750486
(33) United States of America	(22) 06.02.2013	(21) EP13198316.5
(47) 03.10.2018	(54) DISC ASSEMBLY WITH ELECTRICALLY HEATED LIGHT SCATTERING APERTURE	(22) 19.12.2013
(51) H04W 74/08	(73) Saint-Gobain Glass France	(54) Standing wave electron linear accelerators with continuously adjustable energy and method thereof
(11) EP2745603	(72) TIMMERMANN, Alwin	(73) Nuctech Company Limited
(21) EP12751227.5	WOHLFEIL, Dirk	Tsinghua University
(22) 14.08.2012	(74) ir. F.A. Geurts c.s.	(72) Tang, Chuanxiang
(54) SUPPORTING DOWNLINK, DL, TRIGGERED CHANNEL QUALITY INDICATOR, CQI, FEEDBACK ON THE HS-DPCCH CHANNEL IN A CELL FOR A USER EQUIPMENT IN CELL_FACH STATE	(31) 12158006	Zhang, Zhe
(73) Qualcomm Incorporated	(32) 05.03.2012	Jin, Qingxiu
(72) MOHAN, Siddharth	(33) European Patent Office (EPO)	Shi, Jiaru
SAMBHWANI, Sharad Deepak	(47) 17.10.2018	Chen, Huaibi
AGARWAL, Ravi	(51) H05B 33/08	Huang, Wenhui
KAPOOR, Rohit	(11) EP1997352	Zheng, Shuxin
BHARADWAJ, Arjun	(21) EP07713186.0	Liu, Yaohong
(74) ir. M.F.J.M. Ketelaars c.s.	(22) 02.03.2007	(74) ir. C.M. Jansen c.s.
(31) 201161523774 P	(54) CONTROL DEVICE FOR CONTROLLING THE COLOR OF LIGHT EMITTED FROM A LIGHT SOURCE	(31) 201210586678
201161556662 P	(73) Philips Lighting Holding B.V.	(32) 28.12.2012
201261646150 P	(72) JOOSEN, Bram, F.	(33) China
201213568311	BERGMAN, Anthonie, H.	(47) 10.10.2018
(32) 15.08.2011	(74) drs. O. Griebling	(51) H05K 7/14
07.11.2011	(31) 06111044	H01L 25/07
11.05.2012	(32) 13.03.2006	(11) EP2997801
07.08.2012	(33) European Patent Office (EPO)	(21) EP14723401.7
(33) United States of America	(47) 24.10.2018	(22) 05.05.2014
United States of America		(54) DEVICE AND ELECTRICAL ASSEMBLY FOR CONVERTING A DIRECT VOLTAGE INTO AN ALTERNATING VOLTAGE
United States of America		

- (73) Volkswagen AG
(72) DOMURAT-LINDE, André
HOENE, Eckart
ENZINGER, Tobias
RINKLEFF, Thomas
(74) ir. W.J.J.M. Kempes
(31) 102013008193
(32) 14.05.2013
(33) Germany
(47) 17.10.2018
-
- (51) H05K 13/04
H05K 13/08
(11) EP2699069
(21) EP12771402.0
(22) 06.03.2012
(54) COMPONENT-MOUNTING DEVICE
(73) FUJI Corporation
(72) KAWAI, Hidetoshi
AKATSUKA, Ryota
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2011089551
(32) 13.04.2011
(33) Japan
(47) 07.11.2018
-
- (51) H05K 13/04
H05K 13/08
G05B 19/402
(11) EP2941113
(21) EP12891120.3
(22) 28.12.2012
(54) WORKING MACHINE AND POSITIONAL
DEVIATION DATA ACQUISITION
METHOD
(73) FUJI Corporation
(72) TESHIMA, Yasuhiro
TANEIKE, Takashi
NAKANE, Takashi
KATO, Masaki
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 07.11.2018
-

EP4

**Voor Nederland verleende gewijzigde Europese octrooien.
Contains data concerning European patents granted in amended form (B2 or B3 publications).**

(51) A01J 7/02	A61K 9/20	(22) 21.01.2008
(11) EP1994818	A61K 31/195	(54) INJECTION BUTTON
(21) EP08075315.5	(11) EP1439825	(73) Novo Nordisk A/S
(22) 24.04.2008	(21) EP02781665.1	(72) STROEM HANSEN, Torben
(54) Teat cup cleaning device	(22) 25.10.2002	OEST WIELANDT, Jakob
(73) Maasland N.V.	(54) METHODS OF TREATMENT USING A	MOERCH GROTH, Lars
(72) Van den Berg, Karel	GASTRIC RETAINED GABAPENTIN	(31) 07101729
(31) 1033883	DOSAGE FORM	(32) 05.02.2007
1034963	(73) DepoMed, Inc.	(33) European Patent Office (EPO)
(32) 24.05.2007	(72) BERNER, Bret	(47) 06.10.2010
28.01.2008	HOU, Sui, Yuen, Eddie	(51) B64F 1/305
(33) Netherlands	GUSLER, Gloria, M.	(11) EP1719702
Netherlands	(31) 335248 P	(21) EP05700480.6
(47) 15.12.2010	(32) 25.10.2001	(22) 25.01.2005
(51) A22C 21/00	(33) United States of America	(54) BOARDING BRIDGE AND METHOD
(11) EP2165607	(47) 03.04.2013	OF IMPROVING THE STABILITY OF A
(21) EP09164406.2	(51) A61K 9/16	BOARDING BRIDGE
(22) 02.07.2009	(11) EP1589947	(73) China International Marine Containers
(54) Method and apparatus for processing poultry	(21) EP03800395.0	(Group) Co., Ltd.
or a part thereof	(22) 31.12.2003	(72) SHEN, Hongsheng
(73) Meyn Food Processing Technology B.V.	(54) PHARMACEUTICAL FORMULATION	ZHENG, Zuhua
(72) De Vos, Ferdinand Allard	WITH AN INSOLUBLE ACTIVE AGENT	ZHANG, Zhaohong
Vonk, Pieter Willem	FOR PULMONARY ADMINISTRATION	TAN, Li
Waasdijk, Martinus Casper Melchior	(73) Novartis AG	(31) 200410004652
Balthasar	(72) TARARA, Thomas, E.	(32) 26.02.2004
(31) 2001993	WEERS, Jeffrey, G.	(33) China
(32) 18.09.2008	(31) 437210 P	(47) 17.08.2011
(33) Netherlands	(32) 31.12.2002	(51) C07C 317/24
(47) 21.09.2011	(33) United States of America	A01N 41/10
(51) A23L 7/126	(47) 15.06.2016	(11) EP2137142
(11) EP1858348	(51) A61K 31/713	(21) EP08717804.2
(21) EP06723152.2	C12N 15/113	(22) 14.03.2008
(22) 01.03.2006	(11) EP2361981	(54) CRYSTALLINE FORM
(54) ISOMALTULOSE IN CEREAL	(21) EP10184660.8	OF 2-[2-CHLORO-4-
PRODUCTS	(22) 30.03.2001	METHYLSULFONYL-3-(2,2,2-
(73) Südzucker AG Mannheim/Ochsenfurt	(54) RNA sequence-specific mediators of RNA	TRIFLUOROETHOXYMETHYL)BENZOYL]CYCLOHI
(72) FRITZSCHING, Bodo	interference	DIONE
KOWALCZYK, Jörg	(73) The Whitehead Institute for Biomedical	(73) BASF SE
(31) 102005010834	Research	(72) HUPE, Eike
(32) 07.03.2005	Max-Planck-Gesellschaft zur Förderung der	GEWEHR, Markus
(33) Germany	Wissenschaften e.V.	ERK, Peter
(47) 24.02.2016	University of Massachusetts	SAXELL, Heidi Emilia
(51) A24C 5/28	Massachusetts Institute of Technology	GRIESSER, Ulrich
A24C 5/32	(72) Tuschl, Thomas	TISCHLER, Michaela
(11) EP2756768	Sharp, Phillip A	(31) 07104275
(21) EP14150712.9	Bartel, David P	(32) 15.03.2007
(22) 10.01.2014	Zamore, Philip D	(33) European Patent Office (EPO)
(54) Device for longitudinally conveying rod-	(31) 193594 P	(47) 29.07.2015
shaped products in the tobacco processing	265232 P	(51) C08F 4/02
industry	00126325	B01J 37/26
(73) Hauni Maschinenbau GmbH	(32) 30.03.2000	B01J 27/12
(72) Hartmann, Franz	31.01.2001	B01J 31/12
Schafforz, Mathias	01.12.2000	(11) EP2651981
Lüneburg, Michael	(33) United States of America	(21) EP11802343.1
(31) 102013200717	United States of America	(22) 14.12.2011
(32) 18.01.2013	European Patent Office (EPO)	(54) ACTIVATING SUPPORTS
(33) Germany	(47) 06.03.2013	(73) Ineos Europe AG
(47) 06.01.2016	(51) A61M 5/315	(72) CLAREMBEAU, Michel
(51) A61K 9/00	(11) EP2109474	PANNIER, Gaëlle
	(21) EP08708028.9	PAYE, Stephane

(31) 10195224	(72) Harvey, Robert Justin	H04N 21/4788
(32) 15.12.2010	Gill, Jennifer Louise	H04N 21/482
(33) European Patent Office (EPO)	Clark, Leigh Anne	H04N 21/485
(47) 16.03.2016	(31) 11165620	H04N 21/4786
(51) C10G 7/00	(32) 11.05.2011	H04N 21/488
C10G 47/00	(33) European Patent Office (EPO)	H04N 21/84
C10G 65/14	(47) 31.12.2014	H04N 5/44
C10G 7/12	(51) F16L 21/04	H04N 5/445
(11) EP2551330	F16L 21/08	H04N 7/10
(21) EP11759248.5	F16L 47/12	H04N 7/16
(22) 15.03.2011	B22F 3/22	H04N 7/173
(54) RECTIFYING COLUMN START-UP METHOD	B22F 1/00	(11) EP1986425
(73) Japan Oil, Gas and Metals National Corporation	(11) EP2758700	(21) EP08161640.1
JX Nippon Oil & Energy Corporation	(21) EP12766033.0	(22) 16.07.1999
INPEX Corporation	(22) 17.09.2012	(54) Interactive television program guide system having multiple devices within a household
Japan Petroleum Exploration Co., Ltd.	(54) PIPE CONNECTING DEVICE AND METHOD FOR PRODUCTION THEREOF	(73) Rovi Guides, Inc.
Cosmo Oil Co., Ltd.	(73) E. Hawle Armaturenwerke GmbH	(72) Ellis, Michael D.
Nippon Steel Engineering Co., Ltd	(72) LEHNER, Franz	Thomas, William L.
(72) TASAKA, Kazuhiko	FÜHRER, Gerhard	Lemmons, Thomas R.
(31) 2010076987	(31) 13432011	(31) 93292 P
2010070287	(32) 19.09.2011	(32) 17.07.1998
(32) 30.03.2010	(33) Austria	(33) United States of America
25.03.2010	(47) 09.12.2015	(47) 25.06.2014
(33) Japan	(51) F24F 13/14	
Japan	B60H 1/00	
(47) 28.10.2015	G01F 1/26	
(51) C10L 1/14	G01F 1/36	
C10L 1/18	G05D 7/06	
C10L 1/22	F24F 11/00	
(11) EP1526167	G01F 7/00	
(21) EP04024234.9	G01F 1/40	
(22) 12.10.2004	F24F 110/40	
(54) Cold flow improver for fuel oils of animal or vegetable origin	F24F 11/74	
(73) Clariant Produkte (Deutschland) GmbH	(11) EP2669592	
(72) Krull, Matthias, Dr.	(21) EP12182807.3	
Siggelkow, Bettina, Dr.	(22) 03.09.2012	
Hess, Martina	(54) Valve for assembly in a flow channel of an air conditioning assembly	
(31) 10349851	(73) TROX GmbH	
(32) 25.10.2003	(72) Schicks, Heike	
(33) Germany	Sadkowski, Manfred	
(47) 20.05.2015	(31) 12170196	
(51) C10L 3/10	(32) 31.05.2012	
(11) EP1363985	(33) European Patent Office (EPO)	
(21) EP01272112.2	(47) 06.01.2016	
(22) 21.12.2001	(51) G01N 21/03	
(54) PROCESS FOR THE REDUCTION OR ELIMINATION OF HYDROGEN SULPHIDE	G01N 21/01	
(73) M-I L.L.C.	G01N 21/27	
Statoil ASA	(11) EP2255172	
(72) SMITH, Hubern, Larry	(21) EP08731172.6	
JOHNSEN, Anne, Faistrup	(22) 29.02.2008	
KNUDSEN, Borre, Leif	(54) METHOD OF VALIDATING A VERTICAL LIGHT BEAM SPECTROPHOTOMETER	
(31) 0031710	(73) Starna Cells, Inc.	
(32) 27.12.2000	(72) WEBSTER, John, Russell	
(33) United Kingdom	HULME, Alan, Keith	
(47) 29.08.2007	(47) 10.06.2015	
(51) C12Q 1/68	(51) H04N 21/4227	
(11) EP2522744	H04N 21/434	
(21) EP12167334.7	H04N 21/436	
(22) 09.05.2012	H04N 21/442	
(54) A canine BCAN microdeletion associated with Episodic Falling Syndrome	H04N 21/45	
(73) Laboklin GmbH & Co. KG	H04N 21/472	
UCL Business PLC	H04N 21/475	
	H04N 21/478	
	H04N 21/4782	

EP5

Voor Nederland verleende gewijzigde Europese octrooien waarvoor een gewijzigde vertaling is ingediend .

Contains data concerning European patents granted for Netherlands and republished in amended form (B2 or B3 applications) in English and for which a translation in Dutch, was filed under the Dutch Patent Laws.

(51) A01B 73/06	(21) EP01922870.9
A01D 75/20	(22) 30.03.2001
A01D 78/10	(54) RNA SEQUENCE-SPECIFIC MEDIATORS OF RNA INTERFERENCE
(11) EP2591653	(73) WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
(21) EP12007574.2	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
(22) 07.11.2012	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
(54) Haymaking machine	University of Massachusetts
(73) Alois Pöttinger Maschinenfabrik Ges.m.b.H.	(72) TUSCHL, Thomas
(72) Reiter, Stefan	SHARP, Phillip, A.
(74) ir. M.F.J.M. Ketelaars c.s.	ZAMORE, Phillip, D.
(31) 202011107679 U	BARTEL, David, P.
(32) 09.11.2011	(74) ir. C.M. Jansen c.s.
(33) Germany	(31) 193594 P
(47) 07.01.2015	00126325
(51) A01N 57/20	265232 P
A01N 47/36	(32) 30.03.2000
A01N 47/22	01.12.2000
A01N 43/40	31.01.2001
A01N 43/18	(33) United States of America
A01N 35/10	European Patent Office (EPO)
A01P 13/00	United States of America
A01P 13/02	(47) 02.12.2009
(11) EP1107668	(51) G10L 21/02
(21) EP99942832.9	(11) EP1275109
(22) 10.08.1999	(21) EP01925627.0
(54) HERBICIDES FOR TOLERANT OR RESISTANT SUGAR BEET CULTURES	(22) 12.04.2001
(73) Bayer Intellectual Property GmbH	(54) SPECTRAL ENHANCING METHOD AND DEVICE
(72) HACKER, Erwin	(73) Orange
STUEBLER, Hermann	TDF
BIERINGER, Hermann	(72) PHILIPPE, Pierrick
WILLMS, Lothar	COLLEN, Patrice
(74) ir. W.J.J.M. Kempes	(74) ir. J.M.G. Dohmen c.s.
(31) 19836673	(31) 0005023
(32) 13.08.1998	(32) 18.04.2000
(33) Germany	(33) France
(47) 28.01.2004	(47) 15.09.2004
(51) B65B 5/06	
B65B 5/10	
B65B 25/06	
B65B 35/44	
B65G 47/71	
B65G 47/90	
(11) EP2479111	
(21) EP11194834.5	
(22) 21.12.2011	
(54) Apparatus for laying sliced foods into containers	
(73) Grasselli, Giorgio	
(72) Grasselli, Giorgio	
(74) ir. M.F.J.M. Ketelaars c.s.	
(31) MI20102370	
(32) 22.12.2010	
(33) Italy	
(47) 06.05.2015	
(51) C12N 15/11	
(11) EP1309726	

SPC**Ingeschreven en verleende certificaten.****Contains data concerning applications for- or granted Supplementary Protection Certificates.**

- (21) 350089
 - (22) 22.08.2018
 - (11) 350089
 - (73) E.I. du Pont de Nemours and Company
 - (74) ir. F.A. Geurts c.s.
 - (68) EP2049111
 - (54) 1-(acetyl)-piperidine and 1-(acetyl)-
piperazine derivatives as fungicides for use in
plant protection
 - (92) 15630 N 06.07.2018
 - (94) 07.06.2032
 - (95) Oxathiapiprolin
 - (93) 05608 08.06.2017
 - (47) 30.01.2019
-

VB1

Rechten waarvoor een verzoek of bezwaarschrift is ingediend conform Octrooiwet 1995 en de Algemene Wet Bestuursrecht.

Contains data concerning requests and notices of opposition under the General administrative law.

(11) EP1714960	14.03.2018	C08K 3/34
(51) C07D 231/22	(11) EP2337849	C09D 7/00
A61K 31/4152	(51) C12N 9/64	C09D 7/12
A61P 21/00	C12N 15/57	(00) 12/18
(00) 14/18	A61K 38/48	14.03.2018
28.03.2018	(00) 25/18	(11) EP2470741
(11) EP1743054	13.06.2018	(51) E06B 3/80
(51) B82Y 30/00	(11) EP2355742	E06B 5/02
B82Y 40/00	(51) A61C 7/00	E04G 21/24
C30B 7/00	(00) 13/18	(00) 13/18
C01B 19/00	21.03.2018	21.03.2018
C30B 29/60	(11) EP2376784	(11) EP2480475
C30B 7/14	(51) F04C 28/02	(51) H02K 11/215
C30B 29/48	F04B 49/00	B66B 1/34
C09K 11/02	(00) 13/18	H02K 7/10
C09K 11/56	21.03.2018	(00) 13/18
C09K 11/62	(11) EP2392486	21.03.2018
C09K 11/70	(51) B60L 3/00	(11) EP2496402
C09K 11/74	B60L 1/00	(51) B29C 65/18
C09K 11/88	B60L 1/02	B29C 65/30
C09K 11/89	B60L 11/18	B29C 65/78
(00) 25.01.2019	B60L 11/00	H05B 3/14
(00) 05/16	B60H 1/00	B65B 7/28
03.02.2016	(00) 15/18	B65B 51/14
(00) Appeal	04.04.2018	(00) 14/18
(00) Nanoco Technologies Limited	(11) EP2393418	28.03.2018
(11) EP1936524	(51) A61B 5/00	(11) EP2501438
(51) G06F 19/00	A61B 5/145	(51) A61Q 17/04
(00) 13/18	A61B 5/1486	A61K 8/02
21.03.2018	A61M 5/158	A61K 8/04
(11) EP1971219	A61M 5/32	A61K 8/29
(51) A23J 3/34	(00) 13/18	A61K 8/37
A23J 3/30	21.03.2018	A61K 8/39
(00) 13/18	(11) EP2394676	(00) 14/18
21.03.2018	(51) A61L 29/08	28.03.2018
(11) EP2108225	A61L 17/14	(11) EP2521911
(51) H04L 27/156	C08J 7/04	(51) B41F 33/00
H04L 25/49	C08J 7/12	G01N 33/32
(00) 18/18	C08G 65/331	(00) 14/18
25.04.2018	A61L 27/34	28.03.2018
(11) EP2169048	A61L 31/10	(11) EP2575775
(51) C12M 1/36	C09D 171/02	(51) A61K 9/16
(00) 13/18	C08L 23/36	A61K 9/19
21.03.2018	C08L 71/02	A61K 9/00
(11) EP2217793	(00) 14/18	A61K 38/48
(51) F01K 25/10	28.03.2018	A61L 24/10
F01K 23/02	(11) EP2454196	B65B 55/02
(00) 13/18	(51) C01F 17/00	B65B 5/12
21.03.2018	C01G 25/00	A61L 24/04
(11) EP2217793	C01B 13/36	(00) 15/18
(51) F01K 25/10	B01D 53/94	04.04.2018
F01K 23/02	B01J 23/10	(11) EP2582683
(00) 13/18	B01J 35/10	(51) C07D 249/14
21.03.2018	B01J 37/03	A61K 45/06
(11) EP2237867	(00) 13/18	A61K 31/4196
(51) B01J 2/16	21.03.2018	A61K 31/426
(00) 12/18	(11) EP2454332	A61K 31/519
	(51) C09D 15/00	A61P 19/06

(00) 13/18 21.03.2018	A61K 36/48 A23L 33/17	21.03.2018 (11) EP2819742
(11) EP2583973	A23L 33/18	(51) A61N 1/08
(51) C07K 1/16	A23L 33/19	A61N 1/32
C07K 1/18	(00) 15/18	(00) 23/18
C07K 1/20	04.04.2018	30.05.2018
C07K 1/22	(11) EP2708558	(11) EP2843155
C07K 16/00	(51) C07K 16/28	(51) E04F 15/04
(00) 13/18	C07K 16/24	(00) 16/17
21.03.2018	G01N 33/68	19.04.2017
(11) EP2613997	G01N 33/15	(11) EP2844937
(51) B62D 65/18	G01N 33/50	(51) F26B 15/14
(00) 13/18	C12N 15/10	F26B 21/04
21.03.2018	A61K 39/00	F26B 25/00
(11) EP2628806	(00) 13/18	F26B 23/02
(51) C21C 7/10	21.03.2018	(00) 13/18
C21C 7/00	(11) EP2708558	21.03.2018
F27D 1/04	(51) C07K 16/28	(11) EP2868673
C21C 1/06	C07K 16/24	(51) C08F 6/28
(00) 15/18	G01N 33/68	C08F 2/02
04.04.2018	G01N 33/15	C08F 20/14
(11) EP2649112	G01N 33/50	C08F 220/14
(51) C08G 69/36	C12N 15/10	C08L 33/10
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(00) 13/18	(11) EP2708559	(00) 12/18
21.03.2018	(51) C07K 16/28	14.03.2018
(11) EP2662332	C07K 16/24	(11) EP2873083
(51) C01B 21/093	G01N 33/68	(51) H01H 33/59
C01B 21/087	G01N 33/15	H02P 1/02
C07C 303/40	G01N 33/50	H02P 3/22
C01B 21/086	C12N 15/10	H02P 29/02
(00) 14/18	A61K 39/00	(00) 14/18
28.03.2018	(00) 14/18	28.03.2018
(11) EP2662434	28.03.2018	(11) EP2881509
(51) C11B 9/00	(11) EP2708559	(51) D04H 1/74
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C11D 3/50	C07K 16/24	D01G 25/00
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A61Q 19/10	G01N 33/15	21.03.2018
A61Q 5/02	G01N 33/50	(11) EP2883020
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A61K 8/35	A61K 39/00	A01C 21/00
(00) 13/18	(00) 14/18	A01B 79/00
21.03.2018	28.03.2018	G06F 17/30
(11) EP2670429	(11) EP2750683	G09B 29/00
(51) A61K 35/14	(51) A61K 36/00	G07C 5/08
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(00) 15/18	(00) 13/18	(00) 14/18
04.04.2018	21.03.2018	28.03.2018
(11) EP2698554	(11) EP2760565	(11) EP2903465
(51) F16D 55/226	(51) B01D 53/56	(51) A24F 47/00
(00) 13/18	(00) 16/18	(00) 13/18
21.03.2018	11.04.2018	21.03.2018
(11) EP2700517	(11) EP2762282	(11) EP2910477
(51) B60G 17/005	(51) B27B 9/02	(51) B65B 11/48
F41A 23/34	B25F 5/02	B65B 11/58
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(00) 16/18	21.03.2018	B65B 27/12
11.04.2018	(11) EP2806325	(00) 14/18
(11) EP2705849	(51) G05D 1/02	28.03.2018
(51) A61K 38/02	A01D 34/00	(11) EP2921161
A61K 31/4188	B60L 1/00	(51) A61K 8/37
A61K 31/714	B60L 11/18	A61Q 19/02
A61K 36/81	B60L 15/20	(00) 13/18
A61K 36/889	(00) 13/18	21.03.2018

(11) EP2932970	(11) EP3026294	A47J 31/56
(51) A61K 31/5365	(51) F16F 15/123	A47J 31/42
A61K 31/505	(00) 12/18	(00) 15/18
A61P 31/18	14.03.2018	04.04.2018
(00) 13/18	(11) EP3042768	(11) EP3131421
21.03.2018	(51) B41F 33/00	(51) A23L 33/21
(11) EP2935353	G01J 3/02	A23L 35/00
(51) C08F 10/02	(00) 13/18	A23D 7/005
C08F 2/00	21.03.2018	A23L 27/60
C08F 2/14	(11) EP3056289	(00) 13/18
(00) 14/18	(51) B07C 5/02	21.03.2018
28.03.2018	B07C 7/00	(11) EP3138945
(11) EP2944182	(00) 16/18	(51) D04H 1/70
(51) A01F 29/12	11.04.2018	D01G 25/00
A01D 43/08	(11) EP3064926	(00) 13/18
A01D 43/14	(51) G01N 11/14	21.03.2018
(00) 16/18	(00) 14/18	(11) EP3145487
11.04.2018	28.03.2018	(51) A61K 39/395
(11) EP2945514	(11) EP3091073	A61K 47/02
(51) A47J 31/00	(51) C12N 9/24	A61K 47/12
(00) 32/18	C12P 19/02	A61K 39/00
01.08.2018	C12P 19/14	A61K 9/00
(11) EP2952371	(00) 14/18	A61K 47/26
(51) B60G 21/05	28.03.2018	A61K 9/19
B60B 35/02	(11) EP3093244	C07K 16/24
B60G 9/04	(51) B65B 41/12	(00) 35/18
(00) 12/18	B65B 11/54	22.08.2018
14.03.2018	B65B 49/00	(11) EP3146531
(11) EP2954772	B65B 51/10	(51) H01B 3/24
(51) A01D 89/00	B65B 59/00	H01B 3/56
A01B 69/00	B65H 20/06	H01H 33/64
A01B 69/04	B65C 1/00	B01D 53/00
A01B 79/00	(00) 13/18	H02B 13/055
A01D 41/127	21.03.2018	(00) 13/18
A01D 57/20	(11) EP3099156	21.03.2018
G05D 1/02	(51) A01D 41/14	(11) EP3148369
(00) 16/18	A01D 41/127	(51) A46B 5/00
11.04.2018	A01D 69/03	A46B 3/04
(11) EP2955190	(00) 13/18	A46B 13/00
(51) C07H 19/10	21.03.2018	A46B 13/02
A61K 31/7068	(11) EP3099642	B29C 45/16
A61K 31/7072	(51) B32B 17/06	(00) 15/18
A61P 35/00	B32B 27/36	04.04.2018
(00) 14/18	C03C 3/091	(11) EP3148478
28.03.2018	H05K 1/02	(51) A61D 17/00
(11) EP2990552	H05K 1/03	(00) 12/18
(51) E04B 1/68	B32B 17/12	14.03.2018
E06B 1/62	H05K 3/46	(11) EP3150853
(00) 13/18	C03C 21/00	(51) F04B 13/00
21.03.2018	G02F 1/1333	F04B 17/04
(11) EP3019607	H04M 1/02	H01L 41/12
(51) C12N 15/10	B32B 37/12	(00) 13/18
(00) 13/18	B32B 37/16	21.03.2018
21.03.2018	C03C 17/32	(11) EP3162841
(11) EP3022508	C03C 15/00	(51) C08J 3/20
(51) B23P 15/26	B32B 27/12	(00) 13/18
B29C 51/10	B32B 7/12	21.03.2018
B32B 27/08	(00) 13/18	(11) EP3197456
B32B 3/24	21.03.2018	(51) A61K 31/513
B32B 3/28	(11) EP3110577	A61P 35/00
B32B 38/04	(51) B21H 1/06	(00) 15/18
F28F 21/08	B21H 1/12	04.04.2018
F28F 21/06	(00) 14/18	(11) EP3209309
B32B 38/06	28.03.2018	(51) A61K 35/74
B32B 38/12	(11) EP3125730	A61P 29/00
(00) 28/18	(51) A47J 31/44	A61P 35/00
04.07.2018	A47J 31/46	(00) 12/18

14.03.2018

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Rechten waarvoor een beslissing is genomen op een verzoek- of bezwaarschrift conform de Octrooiwet 1995.

Contains data concerning requests and notices of opposition under the General administrative law in respect of which a decision has been taken or in respect for which a report has been made.

	B05B 13/06	C09C 1/30
(11) 1039015	(00) 27/17	
(51) F28D 20/02	05.07.2017	
F25B 21/02	(11) EP2602167	
F25B 29/00	(51) B61D 23/02	
(00) 39/18	B60R 3/02	
19.09.2018	(11) EP2655775	
(00) 28.01.2019	(51) E06B 1/64	
(00) Positive	(00) 49/15	
(11) 300874	02.12.2015	
(00) 23/18	(11) EP2662343	
30.05.2018	(51) C03C 3/095	
(00) 23.01.2019	C03C 10/12	
(00) Withdrawn	A61K 6/027	
(11) EP1721230	A61K 6/02	
(51) H04L 1/00	(11) EP2664594	
H04L 12/28	(51) C03C 10/12	
(11) EP2111855	A61K 6/027	
(51) A61K 9/08	A61K 6/02	
A61K 31/14	C03C 3/095	
A61K 31/7024	(00) 25/16	
A61P 11/00	22.06.2016	
(00) 28/17	(11) EP2666885	
12.07.2017	(51) C23F 13/04	
(11) EP2176462	C23F 13/22	
(51) D21F 11/08	F16L 58/00	
D21H 21/42	G01N 17/02	
D21H 21/44	(11) EP2691213	
D21H 27/30	(51) B25F 5/00	
D21H 27/32	B25F 5/02	
D21H 21/40	H01H 9/06	
(00) 2012/31	H02P 3/00	
01.08.2012	(00) 25/17	
(11) EP2243606	21.06.2017	
(51) B27M 1/08	(11) EP2771145	
B27D 3/04	(51) B23K 1/00	
B27D 1/10	B23K 1/008	
B65G 47/64	B23K 3/08	
(11) EP2269960	(00) 02/18	
(51) C03C 10/00	03.01.2018	
A61K 6/00	(11) EP2798929	
A61K 6/02	(51) A01C 17/00	
A61K 6/027	A01C 21/00	
(00) 25/16	(00) 26/16	
22.06.2016	29.06.2016	
(11) EP2377831	(11) EP2891680	
(51) C03C 10/12	(51) C08L 23/04	
C03C 4/00	C08L 23/06	
C03C 3/095	(11) EP2913314	
A61K 6/02	(51) C03C 10/12	
A61K 6/027	C03C 3/095	
(00) 08/17	A61K 6/027	
22.02.2017	(11) EP3053571	
(11) EP2440340	(51) A61K 6/02	
(51) B05B 3/04	A61K 6/00	
B08B 9/093	A61K 6/083	
B05B 15/02	C01B 13/20	

MED**Overige mededelingen.
Contains data concerning other communications.**

(11) 2005710	(11) EP1858348	F24F 11/74
(00) 18.12.2018	(51) A23L 7/126	(11) EP2756768
(51) A61B 3/107	(11) EP1986425	(51) A24C 5/28
A61B 3/14	(51) H04N 21/4227	A24C 5/32
G06T 7/00	H04N 21/434	(11) EP2758700
(00) Removed	H04N 21/436	(51) F16L 21/04
(11) 2008744	H04N 21/442	F16L 21/08
(00) 18.01.2019	H04N 21/45	F16L 47/12
(51) F24F 11/00	H04N 21/472	B22F 3/22
H05K 7/20	H04N 21/475	B22F 1/00
(00) Partial - Renunciation	H04N 21/478	(11) EP3203919
(11) 2012004	H04N 21/4782	(00) 21.01.2019
(00) 18.12.2018	H04N 21/4788	(51) A61B 17/29
(51) A61B 3/036	H04N 21/482	(00) New licence registration
A61B 3/107	H04N 21/485	(11) EP3211873
(00) Removed	H04N 21/4786	(51) H04M 3/42
(11) 2013592	H04N 21/488	
(00) 21.01.2019	H04N 21/84	
(51) A61B 17/29	H04N 5/44	
A61B 19/00	H04N 5/445	
(00) New licence registration	H04N 7/10	
(11) 2013701	H04N 7/16	
(00) 18.12.2018	H04N 7/173	
(51) G01B 9/02	(11) EP1994818	
(00) Removed	(51) A01J 7/02	
(11) 2013982	(11) EP2109474	
(00) 21.01.2019	(51) A61M 5/315	
(51) A61B 17/29	(11) EP2137142	
(00) New licence registration	(51) C07C 317/24	
(11) 2018141	A01N 41/10	
(00) 15.01.2019	(11) EP2165607	
(51) C05F 17/02	(51) A22C 21/00	
(00) Established	(11) EP2255172	
(11) 2018142	(51) G01N 21/03	
(00) 15.01.2019	G01N 21/01	
(51) C05F 17/02	G01N 21/27	
B01F 7/02	(11) EP2361981	
B01F 13/04	(51) A61K 31/713	
F16P 1/02	C12N 15/113	
(00) Established	(11) EP2522744	
(11) 2018709	(51) C12Q 1/68	
(00) 22.11.2018	(11) EP2551330	
(51) B65D 21/02	(51) C10G 7/00	
B65D 81/26	C10G 47/00	
B65D 85/34	C10G 65/14	
B65D 43/02	C10G 7/12	
(11) EP1363985	(11) EP2651981	
(51) C10L 3/10	(51) C08F 4/02	
(11) EP1439825	B01J 37/26	
(51) A61K 9/00	B01J 27/12	
A61K 9/20	B01J 31/12	
A61K 31/195	(11) EP2669592	
(11) EP1526167	(51) F24F 13/14	
(51) C10L 1/14	B60H 1/00	
C10L 1/18	G01F 1/26	
C10L 1/22	G01F 1/36	
(11) EP1589947	G05D 7/06	
(51) A61K 9/16	F24F 11/00	
(11) EP1719702	G01F 7/00	
(51) B64F 1/305	G01F 1/40	
	F24F 110/40	

VRV

Verval of nietigverklaring.

Contains data concerning lapse or annulment.

(11) 300579	(00) Patent Expired	(00) Patent Expired
(00) 24.01.2019	(11) EP1024628	(11) EP1062821
(00) SPC Application Withdrawn	(00) 29.01.2019	(00) 29.01.2019
(11) 300648	(00) Patent Expired	(00) Patent Expired
(00) 24.01.2019	(11) EP1045890	(11) EP1064799
(00) SPC Application Withdrawn	(00) 29.01.2019	(00) 28.01.2019
(11) EP0931453	(00) Patent Expired	(00) Patent Expired
(00) 27.01.2019	(11) EP1049487	(11) EP1075432
(00) Patent Expired	(00) 27.01.2019	(00) 27.01.2019
(11) EP0931626	(00) Patent Expired	(00) Patent Expired
(00) 27.01.2019	(11) EP1049787	(11) EP1086052
(00) Patent Expired	(00) 25.01.2019	(00) 29.01.2019
(11) EP0931857	(00) Patent Expired	(00) Patent Expired
(00) 25.01.2019	(11) EP1050061	(11) EP1117493
(00) Patent Expired	(00) 25.01.2019	(00) 27.01.2019
(11) EP0933135	(00) Patent Expired	(00) Patent Expired
(00) 27.01.2019	(11) EP1051083	(11) EP1310862
(00) Patent Expired	(00) 26.01.2019	(00) 26.09.2018
(11) EP0933760	(00) Patent Expired	(00) EPV Ceased Effect
(00) 27.01.2019	(11) EP1051155	(11) EP1325939
(00) Patent Expired	(00) 28.01.2019	(00) 25.01.2019
(11) EP0933879	(00) Patent Expired	(00) Patent Expired
(00) 29.01.2019	(11) EP1051208	(11) EP1341249
(00) Patent Expired	(00) 29.01.2019	(00) 26.09.2018
(11) EP0935305	(00) Patent Expired	(00) EPV Ceased Effect
(00) 30.01.2019	(11) EP1051422	(11) EP1357701
(00) Patent Expired	(00) 25.01.2019	(00) 26.09.2018
(11) EP0935961	(00) Patent Expired	(00) EPV Ceased Effect
(00) 25.01.2019	(11) EP1051491	(11) EP1405856
(00) Patent Expired	(00) 28.01.2019	(00) 26.09.2018
(11) EP0939023	(00) Patent Expired	(00) EPV Ceased Effect
(00) 27.01.2019	(11) EP1051787	(11) EP1425246
(00) Patent Expired	(00) 26.01.2019	(00) 26.09.2018
(11) EP0944203	(00) Patent Expired	(00) EPV Ceased Effect
(00) 26.01.2019	(11) EP1051880	(11) EP1454494
(00) Patent Expired	(00) 29.01.2019	(00) 26.09.2018
(11) EP0970764	(00) Patent Expired	(00) EPV Ceased Effect
(00) 29.01.2019	(11) EP1053232	(11) EP1476973
(00) Patent Expired	(00) 25.01.2019	(00) 26.09.2018
(11) EP0972420	(00) Patent Expired	(00) EPV Ceased Effect
(00) 28.01.2019	(11) EP1053256	(11) EP1493178
(00) Patent Expired	(00) 25.01.2019	(00) 26.09.2018
(11) EP0980375	(00) Patent Expired	(00) EPV Ceased Effect
(00) 29.01.2019	(11) EP1054665	(11) EP1499460
(00) Patent Expired	(00) 30.01.2019	(00) 26.09.2018
(11) EP0995008	(00) Patent Expired	(00) EPV Ceased Effect
(00) 25.01.2019	(11) EP1054872	(11) EP1518334
(00) Patent Expired	(00) 30.01.2019	(00) 26.09.2018
(11) EP0997261	(00) Patent Expired	(00) EPV Ceased Effect
(00) 28.01.2019	(11) EP1055124	(11) EP1535657
(00) Patent Expired	(00) 29.01.2019	(00) 26.09.2018
(11) EP1003581	(00) Patent Expired	(00) EPV Ceased Effect
(00) 28.01.2019	(11) EP1055345	(11) EP1542456
(00) Patent Expired	(00) 26.01.2019	(00) 26.09.2018
(11) EP1023942	(00) Patent Expired	(00) EPV Ceased Effect
(00) 29.01.2019	(11) EP1058924	(11) EP1545411
(00) Patent Expired	(00) 25.01.2019	(00) 26.09.2018
(11) EP1024235	(00) Patent Expired	(00) EPV Ceased Effect
(00) 26.01.2019	(11) EP1059949	(11) EP1555236
	(00) 27.01.2019	(00) 26.09.2018

(00) EPV Ceased Effect	(00) Patent Expired	(00) EPV Ceased Effect
(11) EP1567856	(11) EP1721389	(11) EP1861824
(00) 26.09.2018	(00) 26.09.2018	(00) 26.09.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1581281	(11) EP1730506	(11) EP1867085
(00) 26.09.2018	(00) 26.09.2018	(00) 26.09.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1584296	(11) EP1731023	(11) EP1870383
(00) 26.09.2018	(00) 26.09.2018	(00) 26.09.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1588327	(11) EP1734912	(11) EP1872469
(00) 26.09.2018	(00) 26.09.2018	(00) 26.09.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1595423	(11) EP1736195	(11) EP1880128
(00) 26.09.2018	(00) 26.09.2018	(00) 26.09.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1613424	(11) EP1747056	(11) EP1883051
(00) 26.09.2018	(00) 26.09.2018	(00) 26.09.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1629318	(11) EP1747435	(11) EP1893125
(00) 26.09.2018	(00) 26.09.2018	(00) 26.09.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1644610	(11) EP1785983	(11) EP1896556
(00) 26.09.2018	(00) 26.09.2018	(00) 26.09.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1646188	(11) EP1788425	(11) EP1901578
(00) 15.06.2011	(00) 26.09.2018	(00) 28.01.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) Patent Expired
(11) EP1659392	(11) EP1800074	(11) EP1903653
(00) 26.09.2018	(00) 26.09.2018	(00) 26.09.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1664907	(11) EP1811866	(11) EP1906561
(00) 26.09.2018	(00) 26.09.2018	(00) 26.09.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1678996	(11) EP1814093	(11) EP1912343
(00) 26.09.2018	(00) 22.10.2018	(00) 26.09.2018
(00) EPV Ceased Effect	(00) European Patent got Revoked	(00) EPV Ceased Effect
(11) EP1688593	(11) EP1821105	(11) EP1915738
(00) 26.09.2018	(00) 26.09.2018	(00) 26.09.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1704263	(11) EP1824357	(11) EP1926681
(00) 26.09.2018	(00) 26.09.2018	(00) 26.09.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1707759	(11) EP1828870	(11) EP1936188
(00) 26.09.2018	(00) 26.09.2018	(00) 26.09.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1709570	(11) EP1830312	(11) EP1947615
(00) 26.09.2018	(00) 26.09.2018	(00) 26.09.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1711881	(11) EP1835148	(11) EP1954748
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(11) EP3272592	(11) EP3299347	
(00) 26.09.2018	(00) 26.09.2018	

VRB

**Verbeteringen op eerdere publicaties.
Contains data concerning corrections.**

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(51) B62J 7/08

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(11) EP3211873

(00) 07.12.2018

(00) Proceedings Interruption: Legal prevention

(Rule 142(1)(b))

(51) H04M 3/42

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Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) WEFOBA Werkzeug- und Formenbau GmbH	The Kansai Electric Power Co., Inc.	(71) Mitsubishi Heavy Industries Engineering, Ltd.
(73) WEFOBA Werkzeug- und Formenbau GmbH	(73) The Kansai Electric Power Co., Inc. Mitsubishi Heavy Industries Engineering, Ltd.	(73) The Kansai Electric Power Co., Inc. Mitsubishi Heavy Industries Engineering, Ltd.
(11) EP1812302	(11) EP2189207	(11) EP1872846
(00) 14.11.2018	(00) 13.11.2018	(00) 13.11.2018
(51) B65D 33/16	(51) B01D 53/62	(51) C07C 209/90
(00) Assignment	B01D 53/14	(00) Assignment
(71) Mitsubishi Heavy Industries Engineering, Ltd.	B01D 53/52	(71) FWP IP APS
The Kansai Electric Power Co., Inc.	B01D 53/77	(73) FWP IP APS
(73) The Kansai Electric Power Co., Inc. Mitsubishi Heavy Industries Engineering, Ltd.	(00) Assignment	(11) EP2801354
(11) EP1736231	(71) Mitsubishi Heavy Industries Engineering, Ltd.	(00) 16.11.2018
(00) 13.11.2018	(73) Mitsubishi Heavy Industries Engineering, Ltd.	(51) A61K 9/20
(51) B01D 53/14	(11) EP1623758	(00) Assignment
B01D 53/62	(00) 13.11.2018	(71) Mitsubishi Heavy Industries Engineering, Ltd.
B01D 53/78	(51) B01J 27/053	The Kansai Electric Power Co., Inc.
B01D 53/96	B01J 27/18	(73) The Kansai Electric Power Co., Inc. Mitsubishi Heavy Industries Engineering, Ltd.
C01B 31/20	C07C 68/04	(11) EP1759756
(00) Assignment	C07C 69/96	(00) 13.11.2018
(71) MITSUBISHI GAS CHEMICAL COMPANY, INC.	(00) Assignment	(51) B01D 53/14
Mitsubishi Heavy Industries Engineering, Ltd.	(71) Mitsubishi Heavy Industries Engineering, Ltd.	(00) Assignment
(73) MITSUBISHI GAS CHEMICAL COMPANY, INC.	(73) Mitsubishi Heavy Industries Engineering, Ltd.	(71) Mitsubishi Heavy Industries Engineering, Ltd.
Mitsubishi Heavy Industries Engineering, Ltd.	(11) EP2286894	The Kansai Electric Power Co., Inc.
(11) EP1277722	(00) 13.11.2018	(73) The Kansai Electric Power Co., Inc. Mitsubishi Heavy Industries Engineering, Ltd.
(00) 13.11.2018	(51) B01D 53/04	(11) EP2327467
(51) C07C 29/151	B01D 53/14	(00) 13.11.2018
C01B 3/38	F01K 17/06	(51) B01D 53/62
C01B 31/20	F01K 13/00	B01D 53/14
B01D 53/14	F01K 7/02	C01B 31/20
(00) Assignment	(00) Assignment	F23J 15/04
(71) Mitsubishi Heavy Industries Engineering, Ltd.	(71) EMP Pharmaceuticals B.V.	(00) Assignment
The Kansai Electric Power Co., Inc.	(73) EMP Pharmaceuticals B.V.	(71) IAMS Europe B.V.
(73) The Kansai Electric Power Co., Inc. Mitsubishi Heavy Industries Engineering, Ltd.	(11) 2017110	(73) IAMS Europe B.V.
(11) EP2269711	(00) 15.11.2018	(11) EP1280416
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(00) Assignment	A61K 9/08	A23K 1/18
(71) Mitsubishi Heavy Industries Engineering, Ltd.	(00) Assignment	A61K 31/23
The Kansai Electric Power Co., Inc.	(71) Mitsubishi Heavy Industries Engineering, Ltd.	(00) Assignment
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(11) EP2269711	The Kansai Electric Power Co., Inc.	The Kansai Electric Power Co., Inc.
(00) 13.11.2018	(11) EP1688173	(73) The Kansai Electric Power Co., Inc. Mitsubishi Heavy Industries Engineering, Ltd.
(51) B01D 53/14	(00) 13.11.2018	(11) EP2269712
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(11) EP1061039	(71) Mitsubishi Heavy Industries Engineering, Ltd.	(71) OctoFrost Processing B.V.
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(00) 13.11.2018	(71) Spectrum Brands Europe GmbH	F03B 13/14
(51) C10L 3/10	(73) IAMS Europe B.V.	F03B 13/18
B01D 53/52	(11) EP1158872	(00) Assignment
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(71) Mitsubishi Heavy Industries Engineering, Ltd.	A61K 45/06	A23K 1/18
(73) Mitsubishi Heavy Industries Engineering, Ltd.	A23K 1/16	A61K 31/35
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(71) Mitsubishi Heavy Industries Engineering, Ltd.	(11) EP2374523	(00) Assignment
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(51) B01D 53/14	(00) Assignment	(11) EP2882885
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(71) Mitsubishi Heavy Industries Engineering, Ltd.	(73) IAMS Europe B.V.	B30B 15/06
The Kansai Electric Power Co., Inc.	(11) EP1696734	C23C 16/52
(73) Mitsubishi Heavy Industries Engineering, Ltd.	(00) 22.11.2018	H01J 37/32
The Kansai Electric Power Co., Inc.	(51) A23K 1/16	(00) Assignment
(11) EP2338583	A23K 1/18	<hr/>
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(51) B01D 53/14	(00) Assignment	(73) IAMS Europe B.V.
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(00) Assignment	(71) Mitsubishi Heavy Industries Engineering, Ltd.	(00) 22.11.2018
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(71) Tocardo Tidal Power B.V.	(11) EP0994091	(00) Assignment
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(11) 2000150	(51) C07C 29/152	(71) ESTEVE PHARMACEUTICALS, S.A.
(00) 22.11.2018	C07C 31/04	(73) ESTEVE PHARMACEUTICALS, S.A.
(51) F03B 13/26	B01J 8/06	(11) EP2920174
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(71) Mitsubishi Heavy Industries Engineering, Ltd.	(71) IAMS Europe B.V.	A61K 31/519
The Kansai Electric Power Co., Inc.	(73) IAMS Europe B.V.	A61P 29/00
(73) Mitsubishi Heavy Industries Engineering, Ltd.	(11) EP1696737	A61P 25/00
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(11) EP2335802	(51) A23K 1/18	<hr/>
(00) 13.11.2018	A23K 1/175	(71) Spectrum Brands Europe GmbH
(51) B01D 53/14	A61K 33/30	(73) IAMS Europe B.V.
B01D 53/62	A61K 33/32	(11) EP1696737
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(71) Spectrum Brands Europe GmbH	A61K 33/24	A23K 1/175
(73) IAMS Europe B.V.	A61P 1/02	A23K 1/175
(11) EP1280416	(00) Assignment	A61K 33/30
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(51) A23K 1/16	(71) Mitsubishi Heavy Industries Engineering, Ltd.	A61K 33/34
A23K 1/18	(73) Mitsubishi Heavy Industries Engineering, Ltd.	A61K 33/42
A61K 31/23	(11) EP2644250	A61K 33/24
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(71) Mitsubishi Heavy Industries Engineering, Ltd.		<hr/>
(73) Mitsubishi Heavy Industries Engineering, Ltd.		(71) Holcim Technology Ltd
(11) EP2520353		(73) Holcim Technology Ltd
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		(00) 13.11.2018

(51) C04B 7/52 C04B 28/04 (00) Assignment	E21B 43/16 (00) Assignment	C10K 3/04 (00) Assignment
(71) Spectrum Brands Europe GmbH	(71) Helmholtz-Zentrum Geesthacht Zentrum für Material- und Küstenforschung GmbH	(71) Siemens Mobility GmbH
(73) IAMS Europe B.V.	(73) Helmholtz-Zentrum Geesthacht Zentrum für Material- und Küstenforschung GmbH	(73) Siemens Mobility GmbH
(11) EP1773133	(11) EP3227004	(11) EP2548358
(00) 22.11.2018	(00) 21.11.2018	(00) 13.11.2018
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(71) ESTEVE PHARMACEUTICALS, S.A.	(00) Assignment	(00) Assignment
(73) ESTEVE PHARMACEUTICALS, S.A.	(71) Spectrum Brands Europe GmbH	(71) Orange
(11) EP2870145	(73) IAMS Europe B.V.	TDF
(00) 22.11.2018	(11) EP2665370	(73) Orange
(51) C07D 231/12	(00) 22.11.2018	TDF
C07D 295/073	(51) A23K 1/16	(11) EP1275109
C07D 295/06	A23K 1/18	(00) 23.11.2018
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(71) Mitsubishi Heavy Industries Engineering, Ltd.	A23K 1/00	(00) Change of owner(s) name
(73) Mitsubishi Heavy Industries Engineering, Ltd.	(00) Assignment	(71) Spectrum Brands Europe GmbH
(11) EP1180495	(71) Venator Germany GmbH	(73) IAMS Europe B.V.
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(51) C01B 3/38	(11) EP1926692	(00) 22.11.2018
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(71) Tocado Tidal Power B.V.	(51) C04B 22/14	(00) Assignment
(73) Tocado Tidal Power B.V.	(00) Change of owner(s) name	(71) IAMS Europe B.V.
(11) 2016380	(71) IAMS Europe B.V.	(73) IAMS Europe B.V.
(00) 22.11.2018	(73) IAMS Europe B.V.	(11) EP1750522
(51) B63B 35/44	(11) EP1067843	(00) 22.11.2018
F03B 13/26	(00) 22.11.2018	(51) A23K 1/16
(00) Assignment	(51) A23K 1/14	(00) Assignment
(71) DTS Licensing Limited	A23K 1/18	(71) IQE Plc.
(73) DTS Licensing Limited	(00) Assignment	(73) IQE Plc.
(11) EP2285139	(71) Vectory3 B.V.	(11) EP3080834
(00) 21.11.2018	(73) Vectory3 B.V.	(00) 23.11.2018
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H04R 3/12	(00) 13.11.2018	C30B 25/18
(00) Assignment	(51) G01B 11/245	C30B 25/22
(71) ESTEVE PHARMACEUTICALS, S.A.	A41H 1/02	C30B 29/16
(73) ESTEVE PHARMACEUTICALS, S.A.	A61B 5/00	C30B 29/40
(11) EP2870164	(00) Assignment	(00) Assignment
(00) 22.11.2018	(71) Spectrum Brands Europe GmbH	(71) Holcim Technology Ltd
(51) C07D 513/04	(73) IAMS Europe B.V.	(73) Holcim Technology Ltd
A61K 31/429	(11) EP1067843	(11) EP2225186
A61P 29/00	(00) 22.11.2018	(00) 13.11.2018
(00) Change of owner(s) name	(51) A23K 1/14	(51) C04B 28/04
(71) Berndorf Aktiengesellschaft	A23K 1/18	C04B 14/42
(73) Berndorf Innovations und Technologie GmbH	(00) Assignment	C04B 103/32
(11) EP2882885	(71) Spectrum Brands Europe GmbH	(00) Assignment
(00) 22.11.2018	(73) IAMS Europe B.V.	(71) inmotiotec GmbH
(51) C23C 16/50	(11) EP1696734	(73) inmotiotec GmbH
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C23C 16/52	(51) A23K 1/16	(00) 23.11.2018
H01J 37/32	A23K 1/18	(51) G01S 5/02
(00) Merge	A61P 1/00	G01S 5/12
(71) Mitsubishi Heavy Industries Engineering, Ltd.	(00) Assignment	(00) Assignment
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(11) EP2431328	(73) Mitsubishi Heavy Industries Engineering, Ltd.	(73) IAMS Europe B.V.
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B01D 53/26	C01B 3/16	A23K 1/18
B01D 53/62	C01B 3/50	A23P 1/08
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	C10K 1/00	(00) Assignment
		(71) Entrust Datacard Denmark A/S
		(73) Entrust Datacard Denmark A/S
		(11) EP2359290
		(00) 23.11.2018

(51) G06F 21/35 G06F 21/43	(51) B65D 5/54 B65D 5/68	(71) OXFORD UNIVERSITY INNOVATION LIMITED
(00) Change of owner(s) name	B65D 5/72	The University Court of the University of St. Andrews
(71) Hydro-Connect GmbH	B65D 5/32	(73) Cambridge Display Technology Limited
(73) Hydro-Connect GmbH	B65D 5/64	(11) EP1366113
(11) EP2876214	(00) Change of owner(s) name	(00) 19.11.2018
(00) 21.11.2018	(71) INTEGRA LIFESCIENCES	(51) C08K 5/56
(51) E02B 8/08	SWITZERLAND SÀRL	C09K 11/00
A01K 79/00	(73) INTEGRA LIFESCIENCES	C09K 11/06
(00) Assignment	SWITZERLAND SÀRL	H01L 51/00
(71) Spectrum Brands Europe GmbH	(11) EP1312302	H01L 51/30
(73) IAMS Europe B.V.	(00) 20.11.2018	C08G 83/00
(11) EP2334196	(51) A61B 5/03	(00) Change of owner(s) name
(00) 22.11.2018	(00) Assignment	(71) SWELLFIX B.V.
(51) A23K 1/00	(71) SWELLFIX B.V.	(73) Swellfix UK Limited
A23K 1/16	(73) Swellfix UK Limited	(11) EP1805391
A23K 1/18	(11) EP1725738	(00) 16.11.2018
(00) Assignment	(00) 16.11.2018	(51) E21B 33/10
(71) DuPont Nutrition USA, Inc.	(51) E21B 33/10	(00) Assignment
(73) DuPont Nutrition USA, Inc.	E21B 33/14	(71) Koninklijke KPN N.V.
(11) EP2288264	(00) Assignment	(73) Koninklijke KPN N.V.
(00) 16.11.2018	(71) Cambridge Display Technology Limited	(11) EP1956776
(51) A22C 11/00	(73) Cambridge Display Technology Limited	(00) 19.11.2018
A47J 43/20	(11) EP1366113	(51) H04L 12/58
B65D 65/46	(00) 19.11.2018	(00) Assignment
A22C 13/00	(51) C08K 5/56	(71) BL Technologies, Inc.
A21D 13/00	C09K 11/00	(73) BL Technologies, Inc.
A22C 17/14	C09K 11/06	(11) EP2029262
A23P 30/25	H01L 51/00	(00) 22.11.2018
A23L 29/256	H01L 51/30	(51) B01D 61/54
A23L 13/60	C08G 83/00	B01D 61/48
(00) Assignment	(00) Assignment	C02F 1/469
(71) IAMS Europe B.V.	(71) SWELLFIX B.V.	(00) Assignment
(73) IAMS Europe B.V.	(73) Swellfix UK Limited	(71) Sciensano
(11) EP2334196	(11) EP1407113	(73) Sciensano
(00) 22.11.2018	(00) 16.11.2018	(11) EP2118312
(51) A23K 1/00	(51) E21B 33/124	(00) 19.11.2018
A23K 1/16	E21B 43/10	(51) C12Q 1/68
A23K 1/18	E21B 33/12	(00) Assignment
(00) Assignment	(00) Assignment	(71) Cibus Europe B.V.
(71) Steris Instrument Management Services, Inc.	(71) Välinge Innovation AB	(73) Cibus Europe B.V.
(73) Steris Instrument Management Services, Inc.	(73) Välinge Innovation AB	(11) EP2135504
(11) EP2919663	(11) EP1980683	(00) 20.11.2018
(00) 23.11.2018	(00) 20.11.2018	(51) A01H 5/00
(51) A61B 17/04	(51) E04F 15/04	(00) Assignment
(00) Assignment	E04F 15/10	(71) PCCR USA, Inc.
(71) VILPE Oy	(00) Assignment	(73) Polynt Composites USA Inc.
(73) VILPE Oy	(71) JOHNSON & JOHNSON SURGICAL	(11) EP1917286
(11) EP2649380	VISION, INC.	(00) 03.12.2018
(00) 23.11.2018	Portney, Valdemar	(51) C08G 18/68
(51) F24F 7/06	(73) JOHNSON & JOHNSON SURGICAL	C08G 18/75
(00) Change of owner(s) name	VISION, INC.	(00) Merge
(71) Cambridge Display Technology Limited	Portney, Valdemar	(71) Frauscher Sensortechnik GmbH
(73) Cambridge Display Technology Limited	(11) EP1149323	(73) Frauscher Sensortechnik GmbH
(11) EP1254196	(00) 04.12.2018	(11) EP1960603
(00) 19.11.2018	(51) G02C 7/04	(00) 19.11.2018
(51) C09K 11/06	(00) Change of owner(s) name	(51) E01B 26/00
C07C 211/54	(71) JOHNSON & JOHNSON SURGICAL	B61L 1/00
C07C 215/74	VISION, INC.	(00) Merge
C08G 83/00	(73) JOHNSON & JOHNSON SURGICAL	(71) BL Technologies, Inc.
H01L 51/00	VISION, INC.	(73) BL Technologies, Inc.
H05B 33/14	(11) EP1558188	(11) EP1541715
(00) Assignment	(00) 04.12.2018	(00) 22.11.2018
(71) DS Smith Packaging France	(51) A61F 9/007	(51) C23F 11/10
(73) DS Smith Packaging France	A61M 1/00	A23L 3/3526
(11) EP1171355	(00) Change of owner(s) name	(00) Assignment
(00) 16.11.2018		

(71) Nippon Steel & Sumitomo Metal Corporation VALLOUREC OIL AND GAS FRANCE	B01J 39/20 (00) Assignment	(71) BL Technologies, Inc. (73) BL Technologies, Inc.
(73) Nippon Steel & Sumitomo Metal Corporation VALLOUREC OIL AND GAS FRANCE	(71) CCP COMPOSITES US (73) Polynt Composites USA Inc.	(11) EP2585560 (00) 22.11.2018
(11) EP1631762	(11) EP1917286	(51) C10G 75/00
(00) 20.11.2018	(00) 03.12.2018	C01B 31/18
(51) F16L 9/12	(51) C08G 18/68	C01B 31/20
F16L 15/00	C08G 18/75	F16L 58/04
E21B 17/042	(00) Change of owner(s) name	C10G 9/36
(00) Change of owner(s) name	(71) Välinge Innovation AB	C10G 9/12
(71) DS Smith Packaging France	(73) Välinge Innovation AB	(00) Assignment
(73) DS Smith Packaging France	(11) EP2208835	(71) DS Smith Packaging France
(11) EP2635498	(00) 20.11.2018	(73) DS Smith Packaging France
(00) 16.11.2018	(51) E04F 15/02	(11) EP2552812
(51) B65D 5/00	(00) Assignment	(00) 16.11.2018
(00) Change of owner(s) name	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(51) B65H 3/08 B65H 3/46
(71) LIJNIS HOLDING B.V.	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) Change of owner(s) name
(73) LIJNIS HOLDING B.V.	(11) EP1279063	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
(11) 2010011	(00) 04.12.2018	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(00) 20.11.2018	(51) G02C 7/04	(11) EP1176929
(51) B60P 3/04	A61F 2/16	(00) 04.12.2018
B60P 3/22	(00) Change of owner(s) name	(51) A61F 2/16
B60P 3/36	(71) BL Technologies, Inc.	(00) Change of owner(s) name
B60H 1/00	(73) BL Technologies, Inc.	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
(00) Assignment	(11) EP2254843	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(71) DS Smith Packaging France	(00) 22.11.2018	(11) EP1463472
(73) DS Smith Packaging France	(51) C02F 3/34	(00) 04.12.2018
(11) EP2408674	B09C 1/00	(51) A61F 9/007
(00) 16.11.2018	B09C 1/10	(00) Change of owner(s) name
(51) B65D 5/32	B09B 3/00	(71) 3D COATINGS GmbH & Co. KG
B31B 17/00	C02F 3/30	(73) 3D COATINGS GmbH & Co. KG
(00) Change of owner(s) name	C02F 101/10	(11) EP1936064
(71) Swellfix UK Limited	C02F 101/16	(00) 20.11.2018
(73) Swellfix UK Limited	C02F 101/30	(51) E04F 13/04
(11) EP1725738	C02F 1/44	(00) Assignment
(00) 16.11.2018	(00) Assignment	(71) Swellfix UK Limited
(51) E21B 33/10	(71) Välinge Innovation AB	(73) Swellfix UK Limited
E21B 33/14	(73) Välinge Innovation AB	(11) EP1407113
(00) Assignment	(11) EP2057327	(00) 16.11.2018
(71) Koninklijke KPN N.V.	(00) 20.11.2018	(51) E21B 33/124 E21B 43/10 E21B 33/12
(73) Koninklijke KPN N.V.	(51) E04F 15/02	(00) Assignment
(11) EP2103073	(00) Assignment	(71) Cambridge Display Technology Limited
(00) 19.11.2018	(71) BL Technologies, Inc.	(73) Cambridge Display Technology Limited
(51) H04L 29/06	(73) BL Technologies, Inc.	(11) EP1636322
(00) Assignment	(11) EP2651558	(00) 19.11.2018
(71) Frauscher Sensortechnik GmbH	(00) 22.11.2018	(51) H01L 51/00 C09K 11/06 H05B 33/14 C07F 15/00
(73) Frauscher Sensortechnik GmbH	(51) B01J 47/08	(00) Assignment
(11) EP1808531	C02F 1/42	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
(00) 19.11.2018	(00) Assignment	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(51) E01B 26/00	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(11) EP1699385
B61L 1/02	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) 04.12.2018
(00) Merge	(11) EP1176930	(51) A61F 2/16
(71) Välinge Innovation AB	(00) 04.12.2018	(00) Change of owner(s) name
(73) Välinge Innovation AB	(51) A61F 2/16	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
(11) EP2226447	(00) Change of owner(s) name	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(00) 20.11.2018	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(11) EP2474006
(51) E04F 15/02	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) 22.11.2018
F16B 5/00	(11) EP1370198	(51) H01B 1/12 C08G 69/08 B05D 5/12 C08J 5/20
(00) Assignment	(00) 04.12.2018	
(71) BL Technologies, Inc.	(51) A61F 2/16	
(73) BL Technologies, Inc.	(00) Change of owner(s) name	

(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) 03.12.2018	(71) Quanex IG Systems, Inc.
(11) EP1700139	(51) B29C 70/44	(73) Quanex IG Systems, Inc.
(00) 04.12.2018	B29C 70/54	(11) EP2439372
(51) G02B 1/04	B29C 70/08	(00) 20.11.2018
A61L 27/16	(00) Change of Legal Entity	(51) E06B 3/673
(00) Change of owner(s) name	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	E06B 3/663
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) Change of owner(s) name
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(11) EP1815274	(71) DS Smith Packaging France
(11) EP1754992	(00) 04.12.2018	(73) DS Smith Packaging France
(00) 04.12.2018	(51) G02B 1/04	(11) EP2809585
(51) G02C 7/04	A61L 27/16	(00) 16.11.2018
A61F 2/16	(00) Change of owner(s) name	(51) B65D 5/00
A61F 2/14	(71) Medi Manufacturing Inc.	B65D 5/02
G02C 7/02	(73) Medi Manufacturing Inc.	B65D 5/32
(00) Change of owner(s) name	(11) EP2825143	(00) Change of owner(s) name
(71) Polynt Composites USA Inc.	(00) 20.11.2018	(71) Bayer Animal Health GmbH
(73) Polynt Composites USA Inc.	(51) A61F 13/08	(73) Bayer Animal Health GmbH
(11) EP1917286	(00) Merge	(11) EP2885277
(00) 03.12.2018	(71) InterDigital Madison Patent Holdings	(00) 20.11.2018
(51) C08G 18/68	(73) InterDigital Madison Patent Holdings	(51) C07D 231/16
C08G 18/75	(11) EP2199970	(00) Assignment
(00) Change of owner(s) name	(00) 16.11.2018	(71) Lely Forage Innovations B.V.
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(51) G06T 1/00	(73) Forage Company B.V.
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) Assignment	(11) EP2925113
(11) EP1940319	(71) ICTK Holdings Co., Ltd.	(00) 03.12.2018
(00) 04.12.2018	(73) ICTK Holdings Co., Ltd.	(51) A01B 73/06
(51) A61F 2/16	(11) EP2677452	A01D 78/10
(00) Change of owner(s) name	(00) 20.11.2018	(00) Demerger
(71) Engie Refrigeration GmbH	(51) G06F 21/72	(71) Xenon Pharmaceuticals Inc.
(73) Engie Refrigeration GmbH	H04L 9/00	(73) Xenon Pharmaceuticals Inc.
(11) EP2692416	(00) Assignment	(11) EP2061465
(00) 20.11.2018	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) 16.11.2018
(51) B01D 53/26	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(51) A61K 31/47
F25B 6/04	(11) EP2152214	C07D 217/14
F25B 9/00	(00) 04.12.2018	C07D 217/16
F25B 49/02	(51) A61B 17/32	A61P 25/08
(00) Assignment	A61F 9/007	(00) Assignment
(71) Koninklijke KPN N.V.	(00) Change of owner(s) name	(71) BL Technologies, Inc.
(73) Koninklijke KPN N.V.	(71) DS Smith Packaging France	(73) BL Technologies, Inc.
(11) EP1956777	(73) DS Smith Packaging France	(11) EP2102727
(00) 19.11.2018	(11) EP2197752	(00) 22.11.2018
(51) H04L 12/58	(00) 16.11.2018	(51) G05B 19/418
(00) Assignment	(51) B31B 1/20	C10G 75/04
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	B31B 1/25	C10L 1/00
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	B31B 1/28	F28F 27/00
(11) EP2086608	B31B 1/72	(00) Assignment
(00) 04.12.2018	(00) Change of owner(s) name	(71) Välinge Innovation AB
(51) A61M 1/00	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(73) Välinge Innovation AB
(00) Change of owner(s) name	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(11) EP2213812
(71) Lely Forage Innovations B.V.	(11) EP1877007	(00) 20.11.2018
(73) Forage Company B.V.	(00) 04.12.2018	(51) E04F 15/02
(11) EP2826358	(51) A61F 2/16	F16B 5/00
(00) 03.12.2018	(00) Change of owner(s) name	(00) Assignment
(51) A01D 75/20	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
A01D 78/10	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
A01D 80/00	(11) EP2012722	(11) EP2268191
(00) Demerger	(00) 04.12.2018	(00) 04.12.2018
(71) CCP COMPOSITES US LLC	(51) A61F 9/00	(51) G01B 3/56
(73) Polynt Composites USA Inc.	(00) Change of owner(s) name	A61F 2/16
(11) EP1740368	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	A61B 5/107
	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	A61B 3/10
	(11) EP2012722	A61B 3/117
	(00) 04.12.2018	A61F 9/00
	(51) A61F 9/00	G01B 5/12
	(00) Change of owner(s) name	(00) Change of owner(s) name

(71) Forage Company B.V.	(11) EP1994241	A61K 38/39
(73) Forage Company B.V.	(00) 20.11.2018	A61P 27/02
(11) EP2925113	(51) E04F 15/02	A61P 27/06
(00) 03.12.2018	(00) Assignment	A61P 27/10
(51) A01B 73/06	(71) JOHNSON & JOHNSON SURGICAL	A61P 27/12
A01D 78/10	VISION, INC.	A61P 43/00
(00) Change of owner(s) name	(73) JOHNSON & JOHNSON SURGICAL	(00) Change of owner(s) name
(71) Nippon Chemiphar Co., Ltd.	VISION, INC.	(71) Swellfix UK Limited
(73) Nippon Chemiphar Co., Ltd.	(11) EP2405882	(73) Swellfix UK Limited
(11) EP2774926	(00) 04.12.2018	(11) EP1805391
(00) 17.01.2019	(51) A61H 35/02	(00) 16.11.2018
(51) C07D 491/18	A61K 9/00	(51) E21B 33/10
A61K 31/485	A61K 47/18	(00) Assignment
A61K 31/496	A61K 47/36	(71) JOHNSON & JOHNSON SURGICAL
A61K 31/497	A61K 47/38	VISION, INC.
A61K 31/506	A61P 27/02	(73) JOHNSON & JOHNSON SURGICAL
A61K 31/5375	(00) Change of owner(s) name	VISION, INC.
A61K 31/541	(71) BL Technologies, Inc.	(11) EP1815275
A61K 31/55	(73) BL Technologies, Inc.	(00) 04.12.2018
A61P 25/04	(11) EP2494331	(51) G02B 1/04
A61P 43/00	(00) 22.11.2018	C09B 69/10
C07D 471/08	(51) G01N 17/00	C09B 62/008
(00) Assignment	(00) Assignment	A61L 27/18
(71) Cambridge Display Technology Limited	(71) JOHNSON & JOHNSON SURGICAL	(00) Change of owner(s) name
(73) Cambridge Display Technology Limited	VISION, INC.	(71) Fluid Logistics IP UG
(11) EP1373431	(73) JOHNSON & JOHNSON SURGICAL	(73) Fluid Logistics IP UG
(00) 19.11.2018	VISION, INC.	(11) EP2165406
(51) C09K 11/06	(11) EP1628598	(00) 20.11.2018
H05B 33/14	(00) 04.12.2018	(51) H02K 41/02
H01L 51/50	(51) A61F 2/16	H02K 41/025
C07C 211/55	(00) Change of owner(s) name	H02K 41/03
C08G 83/00	(71) DS Smith Packaging France	(00) Assignment
(00) Assignment	(73) DS Smith Packaging France	(71) JOHNSON & JOHNSON SURGICAL
(71) Frauscher Sensortechnik GmbH	(11) EP1725393	VISION, INC.
(73) Frauscher Sensortechnik GmbH	(00) 16.11.2018	(73) JOHNSON & JOHNSON SURGICAL
(11) EP1479587	(51) B31B 3/52	VISION, INC.
(00) 19.11.2018	B31B 1/52	(11) EP2182891
(51) B61L 1/16	(00) Change of owner(s) name	(00) 04.12.2018
B61L 1/08	(71) Thielmann AG	(51) A61F 2/16
(00) Merge	(73) Thielmann AG	(00) Change of owner(s) name
(71) BL Technologies, Inc.	(11) EP2576425	(71) Johnson & Johnson Surgical Vision, Inc.
(73) BL Technologies, Inc.	(00) 26.11.2018	(73) Johnson & Johnson Surgical Vision, Inc.
(11) EP2576718	(51) B65D 88/12	(11) EP2608740
(00) 22.11.2018	(00) Assignment	(00) 20.11.2018
(51) C07C 7/20	(71) JOHNSON & JOHNSON SURGICAL	(51) A61F 2/16
C08F 12/08	VISION, INC.	A61F 9/00
C08F 2/40	(73) JOHNSON & JOHNSON SURGICAL	A61M 5/32
C07C 15/46	VISION, INC.	(00) Change of owner(s) name
(00) Assignment	(11) EP1124517	(71) CCP COMPOSITES US LLC
(71) Forage Company B.V.	(00) 04.12.2018	(73) Polynt Composites USA Inc.
(73) Forage Company B.V.	(51) A61F 9/007	(11) EP1917286
(11) EP2826358	(00) Change of owner(s) name	(00) 03.12.2018
(00) 03.12.2018	(71) Polynt Composites USA Inc.	(51) C08G 18/68
(51) A01D 75/20	(73) Polynt Composites USA Inc.	C08G 18/75
A01D 78/10	(11) EP1740368	(00) Change of Legal Entity
A01D 80/00	(00) 03.12.2018	(71) JOHNSON & JOHNSON SURGICAL
(00) Change of owner(s) name	(51) B29C 70/44	VISION, INC.
(71) JOHNSON & JOHNSON SURGICAL	B29C 70/54	(73) JOHNSON & JOHNSON SURGICAL
VISION, INC.	B29C 70/08	VISION, INC.
(73) JOHNSON & JOHNSON SURGICAL	(00) Change of owner(s) name	(11) EP1928354
VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL	(00) 04.12.2018
(11) EP2097045	VISION, INC.	(51) A61F 2/16
(00) 04.12.2018	(73) JOHNSON & JOHNSON SURGICAL	(00) Change of owner(s) name
(51) A61F 2/16	VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL
(00) Change of owner(s) name	(11) EP1761253	VISION, INC.
(71) Välinge Innovation AB	(00) 04.12.2018	(73) JOHNSON & JOHNSON SURGICAL
(73) Välinge Innovation AB	(51) A61K 31/728	VISION, INC.

(11) EP2191798	A61M 3/02	(00) 04.12.2018
(00) 04.12.2018	(00) Change of owner(s) name	(51) A61F 2/16
(51) A61F 9/007	(71) Lely Forage Innovations B.V.	(00) Change of owner(s) name
F04B 23/04	(73) Forage Company B.V.	(71) BL Technologies, Inc.
F04B 43/12	(11) EP2908615	(73) BL Technologies, Inc.
(00) Change of owner(s) name	(00) 03.12.2018	(11) EP2274243
(71) JOHNSON & JOHNSON SURGICAL	(51) A01B 73/06	(00) 22.11.2018
VISION, INC.	A01D 78/10	(51) C02F 1/54
(73) JOHNSON & JOHNSON SURGICAL	(00) Demerger	C11B 13/00
VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL	C02F 101/00
(11) EP2601919	VISION, INC.	C02F 103/22
(00) 04.12.2018	(73) JOHNSON & JOHNSON SURGICAL	(00) Assignment
(51) A61F 9/007	VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL
A61M 35/00	(11) EP2268229	VISION, INC.
A61M 37/00	(00) 04.12.2018	Portney, Valdemar
(00) Change of owner(s) name	(51) A61F 2/16	(73) JOHNSON & JOHNSON SURGICAL
(71) JOHNSON & JOHNSON SURGICAL	(00) Change of owner(s) name	VISION, INC.
VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL	Portney, Valdemar
(73) JOHNSON & JOHNSON SURGICAL	VISION, INC.	(11) EP2261726
VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL	(00) 04.12.2018
(11) EP1965734	VISION, INC.	(51) G02C 7/04
(00) 04.12.2018	(11) EP2349029	A61F 2/16
(51) A61F 2/16	(00) 04.12.2018	(00) Change of owner(s) name
(00) Change of owner(s) name	(51) A61B 17/32	(71) Teka BV
(71) BL Technologies, Inc.	A61F 9/007	(73) Thielmann AG
(73) BL Technologies, Inc.	A61B 17/00	(11) EP2576425
(11) EP2390302	(00) Change of owner(s) name	(00) 26.11.2018
(00) 22.11.2018	(71) BL Technologies, Inc.	(51) B65D 88/12
(51) C10G 9/18	(73) BL Technologies, Inc.	(00) Assignment
C10G 9/20	(11) EP2643364	(71) NEA International B.V.
B01J 23/00	(00) 22.11.2018	(73) NEA International B.V.
B01J 19/00	(51) C08F 126/04	(11) EP3068351
B01J 19/02	C02F 1/56	(00) 03.12.2018
B01J 19/24	C07C 211/63	(51) A61F 5/01
(00) Assignment	(00) Assignment	(00) Assignment
(71) JOHNSON & JOHNSON SURGICAL	(71) JOHNSON & JOHNSON SURGICAL	(71) JOHNSON & JOHNSON SURGICAL
VISION, INC.	VISION, INC.	VISION, INC.
(73) JOHNSON & JOHNSON SURGICAL	(73) JOHNSON & JOHNSON SURGICAL	(73) JOHNSON & JOHNSON SURGICAL
VISION, INC.	VISION, INC.	VISION, INC.
(11) EP2066264	(11) EP2227196	(11) EP1056420
(00) 04.12.2018	(00) 04.12.2018	(00) 04.12.2018
(51) A61F 2/16	(51) A61F 9/007	(51) A61F 9/00
(00) Change of owner(s) name	A61F 9/008	(00) Change of owner(s) name
(71) JOHNSON & JOHNSON SURGICAL	A61M 1/00	(71) Electricité de France
VISION, INC.	(00) Change of owner(s) name	(73) Electricité de France
(73) JOHNSON & JOHNSON SURGICAL	(71) Välinge Innovation AB	(11) EP2486603
VISION, INC.	(73) Välinge Innovation AB	(00) 16.11.2018
(11) EP1905401	(11) EP2117788	(51) H01L 31/18
(00) 04.12.2018	(00) 20.11.2018	H01L 31/032
(51) A61F 9/007	(51) B27F 1/04	(00) Assignment
(00) Change of owner(s) name	B27F 1/08	(71) Semiconductor Manufacturing International
(71) JOHNSON & JOHNSON SURGICAL	E04F 15/04	Corporation (Shanghai)
VISION, INC.	B27F 5/02	Semiconductor Manufacturing International
(73) JOHNSON & JOHNSON SURGICAL	(00) Assignment	(Beijing) Corporation
VISION, INC.	(71) Lossless Group B.V.	(73) Semiconductor Manufacturing International
(11) EP2568923	(73) Lossless Group B.V.	Corporation (Shanghai)
(00) 04.12.2018	(11) 2016823	Semiconductor Manufacturing International
(51) A61F 2/16	(00) 28.11.2018	(Beijing) Corporation
(00) Change of owner(s) name	(51) G06K 19/02	(11) EP3188245
(71) JOHNSON & JOHNSON SURGICAL	G06K 19/08	(00) 19.11.2018
VISION, INC.	G06K 19/077	(51) H01L 29/10
(73) JOHNSON & JOHNSON SURGICAL	(00) Assignment	H01L 29/66
VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL	H01L 29/78
(11) EP2780052	VISION, INC.	H01L 21/8238
(00) 04.12.2018	(73) JOHNSON & JOHNSON SURGICAL	H01L 21/225
(51) A61M 1/00	VISION, INC.	H01L 29/06
A61M 1/36	(11) EP2364671	H01L 21/265

(00) Change of owner(s) name	(71) JOHNSON & JOHNSON SURGICAL	(11) EP1382548
(71) JOHNSON & JOHNSON SURGICAL	VISION, INC.	(00) 26.11.2018
VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL	(51) B65D 88/12
(73) JOHNSON & JOHNSON SURGICAL	VISION, INC.	B60P 3/22
VISION, INC.	(11) EP1185219	B65D 88/74
(11) EP2012723	(00) 04.12.2018	(00) Assignment
(00) 04.12.2018	(51) A61F 2/16	(71) JOHNSON & JOHNSON SURGICAL
(51) A61F 9/007	(00) Change of owner(s) name	VISION, INC.
(00) Change of owner(s) name	(71) JOHNSON & JOHNSON SURGICAL	(73) JOHNSON & JOHNSON SURGICAL
(71) JOHNSON & JOHNSON SURGICAL	VISION, INC.	VISION, INC.
VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL	(11) EP1295194
(73) JOHNSON & JOHNSON SURGICAL	VISION, INC.	(00) 04.12.2018
VISION, INC.	(11) EP1351631	(51) G05G 1/14
(11) EP3073898	(00) 04.12.2018	(00) Change of owner(s) name
(00) 04.12.2018	(51) A61F 9/007	(71) JOHNSON & JOHNSON SURGICAL
(51) A61B 3/10	(00) Change of owner(s) name	VISION, INC.
(00) Change of owner(s) name	(71) JOHNSON & JOHNSON SURGICAL	(73) JOHNSON & JOHNSON SURGICAL
(71) Idemia America Corp.	VISION, INC.	VISION, INC.
(73) Idemia America Corp.	(73) JOHNSON & JOHNSON SURGICAL	(11) EP1733014
(11) EP2264632	VISION, INC.	(00) 04.12.2018
(00) 28.11.2018	(11) EP1175187	(51) C11D 3/00
(51) G06F 21/00	(00) 04.12.2018	A61L 12/14
G06K 19/07	(51) A61F 2/16	C11D 1/835
G07F 7/10	(00) Change of owner(s) name	C11D 1/62
H04L 29/06	(71) JOHNSON & JOHNSON SURGICAL	(00) Change of owner(s) name
(00) Change of owner(s) name	VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL
(71) JOHNSON & JOHNSON SURGICAL	(73) JOHNSON & JOHNSON SURGICAL	VISION, INC.
VISION, INC.	VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL
(73) JOHNSON & JOHNSON SURGICAL	(11) EP1670402	VISION, INC.
VISION, INC.	(00) 04.12.2018	(11) EP1198207
(11) EP2200536	(51) A61F 9/007	(00) 04.12.2018
(00) 04.12.2018	(00) Change of owner(s) name	(51) A61F 2/16
(51) A61F 2/16	(71) CCP COMPOSITES US	(00) Change of owner(s) name
A61L 27/18	(73) Polynt Composites USA Inc.	(71) JOHNSON & JOHNSON SURGICAL
C08F 230/08	(11) EP1740368	VISION, INC.
C08G 77/38	(00) 03.12.2018	(73) JOHNSON & JOHNSON SURGICAL
(00) Change of owner(s) name	(51) B29C 70/44	VISION, INC.
(71) BL Technologies, Inc.	B29C 70/54	(11) EP1513473
(73) BL Technologies, Inc.	B29C 70/08	(00) 04.12.2018
(11) EP2459491	(00) Change of owner(s) name	(51) A61F 2/16
(00) 22.11.2018	(71) JOHNSON & JOHNSON SURGICAL	A61F 9/00
(51) C02F 1/461	VISION, INC.	A61F 9/007
C02F 103/08	(73) JOHNSON & JOHNSON SURGICAL	(00) Change of owner(s) name
(00) Assignment	VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL
(71) SWIMC LLC	(11) EP1279062	VISION, INC.
(73) SWIMC LLC	(00) 04.12.2018	(73) JOHNSON & JOHNSON SURGICAL
(11) EP2074184	(51) G02C 7/04	VISION, INC.
(00) 20.11.2018	A61F 2/16	(11) EP1515669
(51) C09D 163/02	(00) Change of owner(s) name	(00) 04.12.2018
C09D 5/02	(71) Thielmann AG	(51) A61F 2/16
C09D 133/06	(73) Thielmann AG	B24B 31/00
(00) Assignment	(11) EP1382548	B24B 31/10
(71) Forage Company B.V.	(00) 26.11.2018	B24B 13/00
(73) Forage Company B.V.	(51) B65D 88/12	(00) Change of owner(s) name
(11) EP2908615	B60P 3/22	(71) ABBOTT MEDICAL OPTICS INC.
(00) 03.12.2018	B65D 88/74	(73) JOHNSON & JOHNSON SURGICAL
(51) A01B 73/06	(00) Assignment	VISION, INC.
A01D 78/10	(71) JOHNSON & JOHNSON SURGICAL	(11) EP1733014
(00) Change of owner(s) name	VISION, INC.	(00) 04.12.2018
(71) ESTEVE PHARMACEUTICALS, S.A.	(73) JOHNSON & JOHNSON SURGICAL	(51) C11D 3/00
(73) ESTEVE PHARMACEUTICALS, S.A.	VISION, INC.	A61L 12/14
(11) EP2986616	(11) EP1304979	C11D 1/835
(00) 28.11.2018	(00) 04.12.2018	C11D 1/62
(51) C07D 498/14	(51) A61F 2/16	(00) Merge
A61K 31/5383	(00) Change of owner(s) name	(71) JOHNSON & JOHNSON SURGICAL
A61P 25/00	(71) Teka BV	VISION, INC.
(00) Change of owner(s) name	(73) Thielmann AG	

(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	A61F 9/007 H04L 1/08	(00) 04.12.2018 (51) A61B 19/08
(11) EP1682046	(00) Change of owner(s) name	G06F 1/16
(00) 04.12.2018	(71) JOHNSON & JOHNSON SURGICAL	(00) Change of owner(s) name
(51) A61F 2/16	VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL
(00) Change of owner(s) name	(73) JOHNSON & JOHNSON SURGICAL	VISION, INC.
(71) JOHNSON & JOHNSON SURGICAL	VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL
VISION, INC.	(11) EP2063814	VISION, INC.
(73) JOHNSON & JOHNSON SURGICAL	(00) 04.12.2018	(11) EP2139379
VISION, INC.	(51) A61F 2/16	(00) 04.12.2018
(11) EP1816985	(00) Change of owner(s) name	(51) A61B 3/10
(00) 04.12.2018	(71) JOHNSON & JOHNSON SURGICAL	A61B 3/117
(51) A61F 2/16	VISION, INC.	A61F 9/00
(00) Change of owner(s) name	(73) JOHNSON & JOHNSON SURGICAL	G01B 5/12
(71) JOHNSON & JOHNSON SURGICAL	VISION, INC.	(00) Change of owner(s) name
VISION, INC.	(11) EP1919971	(71) JOHNSON & JOHNSON SURGICAL
(73) JOHNSON & JOHNSON SURGICAL	(00) 04.12.2018	VISION, INC.
VISION, INC.	(51) C08F 220/10	(73) JOHNSON & JOHNSON SURGICAL
(11) EP1732617	C08F 220/22	VISION, INC.
(00) 04.12.2018	G02B 1/04	(11) EP2030594
(51) A61L 12/14	(00) Change of owner(s) name	(00) 04.12.2018
A01N 33/04	(71) JOHNSON & JOHNSON SURGICAL	(51) A61F 2/16
A01N 59/00	VISION, INC.	(00) Change of owner(s) name
A01N 47/44	(73) JOHNSON & JOHNSON SURGICAL	(71) JOHNSON & JOHNSON SURGICAL
A01N 41/08	VISION, INC.	VISION, INC.
A01N 33/12	(11) EP1871315	(73) JOHNSON & JOHNSON SURGICAL
(00) Change of owner(s) name	(00) 04.12.2018	VISION, INC.
(71) PCCR USA, Inc.	(51) A61F 9/00	(11) EP2268275
(73) Polynt Composites USA Inc.	A61F 2/16	(00) 04.12.2018
(11) EP1740368	(00) Change of owner(s) name	(51) A61K 31/16
(00) 03.12.2018	(71) JOHNSON & JOHNSON SURGICAL	A61K 31/205
(51) B29C 70/44	VISION, INC.	A61P 27/02
B29C 70/54	(73) JOHNSON & JOHNSON SURGICAL	A61L 12/14
B29C 70/08	VISION, INC.	(00) Change of owner(s) name
(00) Merge	(11) EP1861052	(71) JOHNSON & JOHNSON SURGICAL
(71) JOHNSON & JOHNSON SURGICAL	(00) 04.12.2018	VISION, INC.
VISION, INC.	(51) A61F 9/007	(73) JOHNSON & JOHNSON SURGICAL
(73) JOHNSON & JOHNSON SURGICAL	(00) Change of owner(s) name	VISION, INC.
VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL	(11) EP2083879
(11) EP1809242	VISION, INC.	(00) 04.12.2018
(00) 04.12.2018	(73) JOHNSON & JOHNSON SURGICAL	(51) A61M 1/00
(51) A61L 12/14	VISION, INC.	(00) Change of owner(s) name
C11D 3/22	(11) EP2004114	(71) JOHNSON & JOHNSON SURGICAL
C11D 3/30	(00) 04.12.2018	VISION, INC.
(00) Change of owner(s) name	(51) A61F 9/007	(73) JOHNSON & JOHNSON SURGICAL
(71) JOHNSON & JOHNSON SURGICAL	(00) Change of owner(s) name	VISION, INC.
VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL	(11) EP2175805
(73) JOHNSON & JOHNSON SURGICAL	VISION, INC.	(00) 04.12.2018
VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL	(51) A61F 2/16
(11) EP1868658	VISION, INC.	(00) Change of owner(s) name
(00) 04.12.2018	(11) EP2501336	(71) BL Technologies, Inc.
(51) A61L 27/34	(00) 04.12.2018	(73) BL Technologies, Inc.
A61L 29/08	(51) A61F 2/16	(11) EP2162738
A61L 31/10	(00) Change of owner(s) name	(00) 22.11.2018
C09D 175/04	(71) JOHNSON & JOHNSON SURGICAL	(51) G01N 31/22
C08L 39/06	VISION, INC.	G01N 21/78
(00) Change of owner(s) name	(73) JOHNSON & JOHNSON SURGICAL	G01N 33/18
(71) JOHNSON & JOHNSON SURGICAL	VISION, INC.	(00) Assignment
VISION, INC.	(11) EP2011289	(71) JOHNSON & JOHNSON SURGICAL
(73) JOHNSON & JOHNSON SURGICAL	(00) 04.12.2018	VISION, INC.
VISION, INC.	(51) G08C 17/02	(73) JOHNSON & JOHNSON SURGICAL
(11) EP1935110	(00) Change of owner(s) name	VISION, INC.
(00) 04.12.2018	(71) JOHNSON & JOHNSON SURGICAL	(11) EP2178478
(51) H04L 1/22	VISION, INC.	(00) 04.12.2018
H04B 1/74	(73) JOHNSON & JOHNSON SURGICAL	(51) A61F 9/007
G08C 15/06	VISION, INC.	A61M 1/00
G08C 17/02	(11) EP2094181	(00) Change of owner(s) name

(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	H04W 12/06	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) Change of owner(s) name	(11) EP2407126
(11) EP1874243	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) 04.12.2018
(00) 04.12.2018	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(51) A61F 2/16
(51) A61F 9/007	(11) EP2166985	(00) Change of owner(s) name
A61M 1/00	(00) 04.12.2018	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
(00) Change of owner(s) name	(51) A61F 2/16	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) Change of owner(s) name	(11) EP2349147
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) 04.12.2018
(11) EP1785106	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(51) A61F 9/007
(00) 04.12.2018	(11) EP2216913	(00) Change of owner(s) name
(51) A61F 2/16	(00) 04.12.2018	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
(00) Change of owner(s) name	(51) H04B 1/74	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	H04L 1/22	(11) EP2498738
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) Change of owner(s) name	(00) 04.12.2018
(11) EP2059275	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(51) A61F 9/007
(00) 04.12.2018	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) Change of owner(s) name
(51) A61M 1/00	(11) EP1061872	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
(00) Change of owner(s) name	(00) 04.12.2018	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(51) A61F 9/007	(11) EP1999188
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) Change of owner(s) name	(00) 04.12.2018
(11) EP1949871	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(51) C08G 77/20
(00) 04.12.2018	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) Change of owner(s) name
(51) A61F 2/16	(11) EP1834614	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
(00) Change of owner(s) name	(00) 04.12.2018	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(51) A61B 17/32	(11) EP2328953
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	B06B 1/02	(00) 04.12.2018
(11) EP2261696	A61F 9/007	(51) C08G 77/20
(00) 04.12.2018	A61B 17/00	G08B 21/04
(51) G02B 1/04	A61B 18/00	(00) Change of owner(s) name
C09B 69/10	(00) Change of owner(s) name	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
C09B 62/008	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
A61L 27/18	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(11) EP2373265
(00) Change of owner(s) name	(11) EP2341868	(00) 04.12.2018
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) 04.12.2018	(51) A61F 9/007
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(51) A61F 2/16	(00) Change of owner(s) name
(11) EP1079769	(00) Change of owner(s) name	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
(00) 04.12.2018	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(51) A61F 2/16	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(11) EP2576631
(00) Change of owner(s) name	(11) EP2410959	(00) 22.11.2018
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) 04.12.2018	(51) C08B 37/00
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(51) A61F 9/007	C02F 1/00
(11) EP2099511	(00) Change of owner(s) name	(00) Assignment
(00) 04.12.2018	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
(51) A61M 1/00	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(00) Change of owner(s) name	(11) EP2340000	(11) EP2245501
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) 04.12.2018	(00) 04.12.2018
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(51) A61F 9/007	(51) G02C 7/04
(11) EP2145451	A61B 17/32	A61F 2/16
(00) 04.12.2018	A61B 17/00	(00) Change of owner(s) name
(51) G06F 19/00	(00) Change of owner(s) name	
	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	

(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) Change of owner(s) name	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(11) EP1608280
(11) EP2049022	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) 04.12.2018
(00) 04.12.2018	(11) EP1117358	(51) A61F 9/007
(51) A61B 17/00	(00) 04.12.2018	(00) Change of owner(s) name
(00) Change of owner(s) name	(51) A61F 9/007	(71) BL Technologies, Inc.
(71) BL Technologies, Inc.	(00) Change of owner(s) name	(73) BL Technologies, Inc.
(73) BL Technologies, Inc.	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(11) EP2764041
(11) EP2377910	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) 22.11.2018
(00) 22.11.2018	(11) EP1976456	(51) C08J 5/22
(51) C10G 31/08	(00) 04.12.2018	(00) Assignment
C10G 33/04	(51) A61F 2/16	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
B01D 17/04	(00) Change of owner(s) name	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(00) Assignment	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(11) EP2334259
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) 04.12.2018
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(51) A61F 2/16
(11) EP2844189	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) Change of owner(s) name
(00) 04.12.2018	(11) EP2223168	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
(51) A61F 2/16	(00) 04.12.2018	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(00) Change of owner(s) name	(51) G02B 1/04	(11) EP1601300
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	C08G 77/20	(00) 04.12.2018
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) Change of owner(s) name	(51) A61F 9/007
(11) EP3138543	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	B06B 1/02
(00) 04.12.2018	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	A61B 17/00
(51) A61F 9/009	(11) EP2608738	(00) Change of owner(s) name
A61F 9/008	(00) 04.12.2018	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
(00) Change of owner(s) name	(51) A61F 2/16	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(71) BL Technologies, Inc.	A61F 9/00	(11) EP2144952
(73) BL Technologies, Inc.	A61M 5/32	(00) 04.12.2018
(11) EP2725930	(00) Change of owner(s) name	(51) C08G 73/02
(00) 22.11.2018	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) Change of owner(s) name
(51) A23L 3/02	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
A23L 3/10	(11) EP2560578	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
B65B 55/00	(00) 04.12.2018	(11) EP2376035
B67C 7/00	(51) A61F 2/16	(00) 04.12.2018
(00) Assignment	(00) Change of owner(s) name	(51) A61F 9/007
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	A61M 1/00
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) Change of owner(s) name
(11) EP2523632	(11) EP2649487	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
(00) 04.12.2018	(00) 04.12.2018	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(51) A61F 2/16	(51) G02C 7/04	(11) EP1971292
A61F 9/007	A61F 2/16	(00) 04.12.2018
A61F 2/00	G02C 7/06	(51) A61F 2/16
(00) Change of owner(s) name	G02B 5/18	(00) Change of owner(s) name
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) Change of owner(s) name	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(11) EP2964150	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(11) EP3021803
(00) 04.12.2018	(11) EP2370033	(00) 04.12.2018
(51) A61F 2/16	(00) 04.12.2018	(51) A61F 9/007
(00) Change of owner(s) name	(51) A61F 9/007	(00) Change of owner(s) name
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	A61M 1/00	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) Change of owner(s) name	(73) JOHNSON & JOHNSON SURGICAL VISION, INC.
(11) EP2079497	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(11) EP3021803
(00) 04.12.2018	(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) 04.12.2018
(51) A61M 1/00		(51) A61F 9/007
		(00) Change of owner(s) name
		(71) JOHNSON & JOHNSON SURGICAL VISION, INC.
		(73) JOHNSON & JOHNSON SURGICAL VISION, INC.

(11) EP1651145	(00) 04.12.2018	(73) JOHNSON & JOHNSON SURGICAL
(00) 04.12.2018	(51) A61F 9/007	VISION, INC.
(51) A61F 2/16	(00) Change of owner(s) name	(11) EP3010423
(00) Change of owner(s) name	(71) JOHNSON & JOHNSON SURGICAL	(00) 04.12.2018
(71) JOHNSON & JOHNSON SURGICAL	VISION, INC.	(51) A61B 17/00
VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL	A61B 17/34
(73) JOHNSON & JOHNSON SURGICAL	VISION, INC.	(00) Change of owner(s) name
VISION, INC.	(11) EP2341878	(71) Life Molecular Imaging SA
(11) EP2341840	(00) 04.12.2018	A. N. Nesmeyanov Institute of
(00) 04.12.2018	(51) A61F 9/007	Organoelement Compounds, The Russian
(51) A61B 90/00	A61B 17/00	Academy of Science (INEOS RAS)
A61F 9/007	(00) Change of owner(s) name	Institute of the Human Brain, Russian
(00) Change of owner(s) name	(71) JOHNSON & JOHNSON SURGICAL	Academy of Science (IHB RAS)
(71) JOHNSON & JOHNSON SURGICAL	VISION, INC.	(73) A. N. Nesmeyanov Institute of
VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL	Organoelement Compounds, The Russian
(73) JOHNSON & JOHNSON SURGICAL	VISION, INC.	Academy of Science (INEOS RAS)
VISION, INC.	(11) EP2544639	Institute of the Human Brain, Russian
(11) EP2376034	(00) 04.12.2018	Academy of Science (IHB RAS)
(00) 04.12.2018	(51) A61F 9/007	Life Molecular Imaging SA
(51) A61F 9/007	(00) Change of owner(s) name	(11) EP2086924
A61M 1/00	(71) JOHNSON & JOHNSON SURGICAL	(00) 26.11.2018
(00) Change of owner(s) name	VISION, INC.	(51) C07C 229/24
(71) JOHNSON & JOHNSON SURGICAL	(73) JOHNSON & JOHNSON SURGICAL	C07B 59/00
VISION, INC.	VISION, INC.	C07C 251/24
(73) JOHNSON & JOHNSON SURGICAL	(11) EP2437723	C07C 309/73
VISION, INC.	(00) 04.12.2018	C07C 271/22
(11) EP2217186	(51) A61K 9/107	C07D 207/16
(00) 04.12.2018	A61K 47/14	A61K 51/04
(51) A61F 9/009	A61K 47/44	A61K 31/195
A61B 3/125	(00) Change of owner(s) name	(00) Change of owner(s) name
A61B 17/30	(71) JOHNSON & JOHNSON SURGICAL	(71) JOHNSON & JOHNSON SURGICAL
A61B 3/117	VISION, INC.	VISION, INC.
A61F 9/008	(73) JOHNSON & JOHNSON SURGICAL	(73) JOHNSON & JOHNSON SURGICAL
(00) Change of owner(s) name	VISION, INC.	VISION, INC.
(71) JOHNSON & JOHNSON SURGICAL	(11) EP2296596	(11) EP3030135
VISION, INC.	(00) 04.12.2018	(00) 04.12.2018
(73) JOHNSON & JOHNSON SURGICAL	(51) A61B 90/00	(51) A61B 3/10
VISION, INC.	(00) Change of owner(s) name	(00) Change of owner(s) name
(11) EP2611386	(71) JOHNSON & JOHNSON SURGICAL	(71) JOHNSON & JOHNSON SURGICAL
(00) 04.12.2018	VISION, INC.	VISION, INC.
(51) A61F 2/16	(73) JOHNSON & JOHNSON SURGICAL	(73) JOHNSON & JOHNSON SURGICAL
(00) Change of owner(s) name	VISION, INC.	VISION, INC.
(71) JOHNSON & JOHNSON SURGICAL	(11) EP2972522	(11) EP2769704
VISION, INC.	(00) 04.12.2018	(00) 04.12.2018
(73) JOHNSON & JOHNSON SURGICAL	(51) G02B 1/04	(51) A61F 9/007
VISION, INC.	(00) Change of owner(s) name	A61M 3/02
(11) EP1805551	(71) JOHNSON & JOHNSON SURGICAL	(00) Change of owner(s) name
(00) 04.12.2018	VISION, INC.	(71) JOHNSON & JOHNSON SURGICAL
(51) G02C 7/04	(73) JOHNSON & JOHNSON SURGICAL	VISION, INC.
A61F 2/16	VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL
A61F 2/14	(11) EP2179178	VISION, INC.
(00) Change of owner(s) name	(00) 04.12.2018	(11) EP2099388
(71) JOHNSON & JOHNSON SURGICAL	(51) F04B 43/12	(00) 04.12.2018
VISION, INC.	A61M 3/02	(51) A61F 2/16
(73) JOHNSON & JOHNSON SURGICAL	A61M 1/00	(00) Change of owner(s) name
VISION, INC.	(00) Change of owner(s) name	(71) JOHNSON & JOHNSON SURGICAL
(11) EP2437728	(71) JOHNSON & JOHNSON SURGICAL	VISION, INC.
(00) 04.12.2018	VISION, INC.	(73) JOHNSON & JOHNSON SURGICAL
(51) A61K 9/14	(73) JOHNSON & JOHNSON SURGICAL	VISION, INC.
A61K 38/13	VISION, INC.	(11) EP2967992
A61P 27/02	(11) EP2364672	(00) 04.12.2018
(00) Change of owner(s) name	(00) 04.12.2018	(51) A61F 9/007
(71) JOHNSON & JOHNSON SURGICAL	(51) A61F 2/16	(00) Change of owner(s) name
VISION, INC.	(00) Change of owner(s) name	(71) Semiconductor Manufacturing International
(73) JOHNSON & JOHNSON SURGICAL	(71) JOHNSON & JOHNSON SURGICAL	(Beijing) Corporation
VISION, INC.	VISION, INC.	Semiconductor Manufacturing International
(11) EP1797849		(Shanghai) Corporation

(73) Semiconductor Manufacturing International (Shanghai) Corporation	D21H 27/40	(00) 26.11.2018
Semiconductor Manufacturing International (Beijing) Corporation	B31F 1/07	(51) D21H 27/40
(11) EP3176816	(00) Change of owner(s) name	(00) Change of owner(s) name
(00) 22.11.2018	(71) ESSITY OPERATIONS FRANCE	(71) SCA TISSUE FRANCE
(51) H01L 21/8238	(73) ESSITY OPERATIONS FRANCE	(73) ESSITY OPERATIONS FRANCE
H01L 29/66	(11) EP1120360	(11) EP1285133
(00) Change of owner(s) name	(00) 26.11.2018	(00) 26.11.2018
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(51) B65D 83/08	(51) D21H 27/40
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) Change of owner(s) name	D21H 27/38
(11) EP1694252	(71) SCA TISSUE FRANCE	(00) Change of owner(s) name
(00) 04.12.2018	(73) ESSITY OPERATIONS FRANCE	(71) SCA TISSUE FRANCE
(51) A61F 2/16	(11) EP1101866	(73) ESSITY OPERATIONS FRANCE
(00) Change of owner(s) name	(00) 26.11.2018	(11) EP1236830
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(51) D21H 27/02	(00) 26.11.2018
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	D21H 27/40	(51) D21H 27/40
(11) EP2306932	B31F 1/07	B31F 1/07
(00) 04.12.2018	(00) Change of owner(s) name	(00) Change of owner(s) name
(51) A61F 2/16	(71) SCA TISSUE FRANCE	(71) SCA TISSUE FRANCE
(00) Change of owner(s) name	(73) ESSITY OPERATIONS FRANCE	(73) ESSITY OPERATIONS FRANCE
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(11) EP1189531	(11) EP1729619
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) 26.11.2018	(00) 26.11.2018
(11) EP2683344	(51) A47K 7/00	(51) A47K 7/02
(00) 04.12.2018	D04H 1/02	(00) Change of owner(s) name
(51) A61F 2/16	D04H 1/46	(71) ESSITY OPERATIONS FRANCE
(00) Change of owner(s) name	D04H 13/00	(73) ESSITY OPERATIONS FRANCE
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	A61F 13/15	(11) EP1236830
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	A45D 33/34	(00) 26.11.2018
(11) EP2683344	(00) Change of owner(s) name	(51) D21H 27/40
(00) 04.12.2018	(71) SCA TISSUE FRANCE	B31F 1/07
(51) A61F 9/007	(73) ESSITY OPERATIONS FRANCE	(00) Change of owner(s) name
A61F 2/16	(11) EP1120360	(71) ESSITY OPERATIONS FRANCE
A61F 9/008	(00) 26.11.2018	(73) ESSITY OPERATIONS FRANCE
A61F 9/00	(51) B65D 83/08	(11) EP1729619
A61F 9/013	(00) Change of owner(s) name	(00) 26.11.2018
(00) Change of owner(s) name	(71) ESSITY OPERATIONS FRANCE	(51) A47K 7/02
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(73) ESSITY OPERATIONS FRANCE	(00) Change of owner(s) name
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(11) EP1189531	(71) SCA TISSUE FRANCE
(11) EP2552352	(00) 26.11.2018	(73) ESSITY OPERATIONS FRANCE
(00) 04.12.2018	(51) A47K 7/00	(11) EP1670982
(51) A61F 2/16	D04H 1/02	(00) 26.11.2018
(00) Change of owner(s) name	D04H 1/46	(51) D04H 13/00
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	D04H 13/00	(00) Change of owner(s) name
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	A61F 13/15	(71) Elcore GmbH
(11) EP2255752	A45D 33/34	(73) Carl Freudenberg KG
(00) 04.12.2018	(00) Change of owner(s) name	(11) EP1722435
(51) A61F 2/16	(71) SCA TISSUE FRANCE	(00) 26.11.2018
(00) Change of owner(s) name	(73) ESSITY OPERATIONS FRANCE	(51) H01M 8/10
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(11) EP1167605	C08J 5/18
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) 26.11.2018	(00) Change of owner(s) name
(11) EP2255752	(51) D04H 1/46	(71) ESSITY OPERATIONS FRANCE
(00) 04.12.2018	(00) Change of owner(s) name	(73) ESSITY OPERATIONS FRANCE
(51) A61F 2/16	(71) ESSITY OPERATIONS FRANCE	(11) EP1670982
(00) Change of owner(s) name	(73) ESSITY OPERATIONS FRANCE	(00) 26.11.2018
(71) JOHNSON & JOHNSON SURGICAL VISION, INC.	(11) EP1159487	(51) D04H 13/00
(73) JOHNSON & JOHNSON SURGICAL VISION, INC.	(00) 26.11.2018	(00) Change of owner(s) name
(11) EP2376036	(51) D21H 27/40	(71) elcore GmbH
(00) 04.12.2018	(00) Change of owner(s) name	(73) Carl Freudenberg KG
(51) A61F 9/007	(71) ESSITY OPERATIONS FRANCE	(11) EP1787342
H01H 21/26	(73) ESSITY OPERATIONS FRANCE	(00) 26.11.2018
(00) Change of owner(s) name	(11) EP1285133	(51) H01M 4/86
(71) ESSITY OPERATIONS FRANCE	(00) 26.11.2018	H01M 4/88
(73) ESSITY OPERATIONS FRANCE	(51) D21H 27/40	(00) Change of owner(s) name
(11) EP1101866	D21H 27/38	(71) ESSITY OPERATIONS FRANCE
(00) 26.11.2018	(00) Change of owner(s) name	(73) ESSITY OPERATIONS FRANCE
(51) D21H 27/02	(71) SCA TISSUE FRANCE	(11) EP1494726
	(73) ESSITY OPERATIONS FRANCE	(00) 26.11.2018
	(11) EP1159487	(51) A61L 15/46

A01N 59/16	(73) ESSITY OPERATIONS FRANCE	(73) ESSITY OPERATIONS FRANCE
A01N 37/36	(11) EP2039815	(11) EP1081284
(00) Change of owner(s) name	(00) 26.11.2018	(00) 26.11.2018
(71) B. Braun Melsungen AG	(51) D04H 1/02	(51) D21H 27/40
(73) B. Braun Melsungen AG	D04H 1/12	B31F 1/07
(11) EP1531893	D04H 1/46	B32B 29/00
(00) 27.11.2018	D04H 13/00	(00) Change of owner(s) name
(51) A61M 31/00	A61K 8/02	(71) ESSITY OPERATIONS FRANCE
A61M 5/168	(00) Change of owner(s) name	(73) ESSITY OPERATIONS FRANCE
A61M 5/48	(71) Carl Freudenberg KG	(11) EP1979540
A61B 17/34	(73) Carl Freudenberg KG	(00) 26.11.2018
A61M 5/178	(11) EP1722435	(51) D21H 27/40
(00) Assignment	(00) 26.11.2018	(00) Change of owner(s) name
(71) Toll Collect GmbH	(51) H01M 8/10	(71) ESSITY OPERATIONS FRANCE
(73) Toll Collect GmbH	C08J 5/18	(73) ESSITY OPERATIONS FRANCE
(11) EP1596340	(00) Assignment	(11) EP1081284
(00) 27.11.2018	(71) ESSITY OPERATIONS FRANCE	(00) 26.11.2018
(51) G07B 15/06	(73) ESSITY OPERATIONS FRANCE	(51) D21H 27/40
G07B 15/00	(11) EP1106172	B31F 1/07
H04L 9/32	(00) 26.11.2018	B32B 29/00
(00) Assignment	(51) A61K 8/02	(00) Change of owner(s) name
(71) Carl Freudenberg KG	A61K 8/92	(71) Host Holding B.V.
(73) Carl Freudenberg KG	A61Q 1/14	(73) Host Holding B.V.
(11) EP1759434	(00) Change of owner(s) name	(11) 2015818
(00) 26.11.2018	(71) elcore GmbH	(00) 07.11.2018
(51) H01M 8/24	(73) Carl Freudenberg KG	(51) F23K 5/00
H01M 8/10	(11) EP1759434	(00) Assignment
H01M 8/02	(00) 26.11.2018	(71) Nordic Rebalance A/S
(00) Assignment	(51) H01M 8/24	(73) Nordic Rebalance A/S
(71) SCA TISSUE FRANCE	H01M 8/10	(11) EP2277524
(73) ESSITY OPERATIONS FRANCE	H01M 8/02	(00) 13.11.2018
(11) EP1494726	(00) Change of owner(s) name	(51) A61K 35/74
(00) 26.11.2018	(71) SCA TISSUE FRANCE	A23L 1/30
(51) A61L 15/46	(73) ESSITY OPERATIONS FRANCE	A23L 1/172
A01N 59/16	(11) EP1778574	A61K 35/745
A01N 37/36	(00) 26.11.2018	A61K 35/747
(00) Change of owner(s) name	(51) B65H 75/18	A61K 31/685
(71) Elcore GmbH	(00) Change of owner(s) name	(00) Change of owner(s) name
(73) Carl Freudenberg KG	(71) SCA TISSUE FRANCE	(71) China Chemical & Pharmaceutical Co., Ltd
(11) EP1759434	(73) ESSITY OPERATIONS FRANCE	(73) China Chemical & Pharmaceutical Co., Ltd
(00) 26.11.2018	(11) EP1106723	(11) EP2036922
(51) H01M 8/24	(00) 26.11.2018	(00) 28.01.2019
H01M 8/10	(51) D04H 1/46	(51) C07K 14/47
H01M 8/02	D04H 1/02	C07K 7/08
(00) Change of owner(s) name	D04H 1/12	A23L 1/305
(71) SCA TISSUE FRANCE	D04H 13/00	A61K 38/01
(73) ESSITY OPERATIONS FRANCE	(00) Change of owner(s) name	(00) Assignment
(11) EP1330352	(71) Carl Freudenberg KG	(71) Capsugel Belgium NV
(00) 26.11.2018	(73) Carl Freudenberg KG	(73) Capsugel Belgium NV
(51) B31F 1/07	(11) EP1787342	(11) EP2504327
D21H 27/40	(00) 26.11.2018	(00) 26.11.2018
B32B 29/00	(51) H01M 4/86	(51) C07D 323/00
(00) Change of owner(s) name	H01M 4/88	C07D 493/10
(71) Versum Materials US, LLC	(00) Assignment	C07D 493/20
(73) Versum Materials US, LLC	(71) ESSITY OPERATIONS FRANCE	C07D 495/10
(11) EP1508631	(73) ESSITY OPERATIONS FRANCE	A61K 31/365
(00) 26.11.2018	(11) EP1167605	(00) Assignment
(51) C23C 16/448	(00) 26.11.2018	(71) ESSITY OPERATIONS FRANCE
(00) Assignment	(51) D04H 1/46	(73) ESSITY OPERATIONS FRANCE
(71) elcore GmbH	(00) Change of owner(s) name	(11) EP1330352
(73) Carl Freudenberg KG	(71) SCA TISSUE FRANCE	(00) 26.11.2018
(11) EP1722435	(73) ESSITY OPERATIONS FRANCE	(51) B31F 1/07
(00) 26.11.2018	(11) EP1979540	D21H 27/40
(51) H01M 8/10	(00) 26.11.2018	B32B 29/00
C08J 5/18	(51) D21H 27/40	(00) Change of owner(s) name
(00) Change of owner(s) name	(00) Change of owner(s) name	(71) Versum Materials US, LLC
(71) ESSITY OPERATIONS FRANCE	(71) SCA TISSUE FRANCE	(73) Versum Materials US, LLC

(11) EP1533329	(00) 26.11.2018
(00) 26.11.2018	(51) D04H 1/02
(51) C08G 18/76	D04H 1/12
C08G 18/08	D04H 1/46
C08G 18/12	D04H 13/00
C08G 18/48	A61K 8/02
C09J 175/08	(00) Change of owner(s) name
(00) Assignment	(71) LibroDuct GmbH & Co. KG
(71) Elcore GmbH	(73) LibroDuct GmbH & Co. KG
(73) Carl Freudenberg KG	(11) EP2646271
(11) EP1787342	(00) 26.11.2018
(00) 26.11.2018	(51) B60L 5/04
(51) H01M 4/86	B60L 5/16
H01M 4/88	(00) Assignment
(00) Change of owner(s) name	(71) Versum Materials US, LLC
(71) ESSITY OPERATIONS FRANCE	(73) Versum Materials US, LLC
(73) ESSITY OPERATIONS FRANCE	(11) EP1647761
(11) EP1778574	(00) 26.11.2018
(00) 26.11.2018	(51) F17C 11/00
(51) B65H 75/18	(00) Assignment
(00) Change of owner(s) name	(71) InterDigital Madison Patent Holdings
(71) SCA TISSUE FRANCE	(73) InterDigital Madison Patent Holdings
(73) ESSITY OPERATIONS FRANCE	(11) EP2761842
(11) EP1106172	(00) 13.12.2018
(00) 26.11.2018	(51) H04L 29/06
(51) A61K 8/02	H04L 12/28
A61K 8/92	(00) Assignment
A61Q 1/14	(71) ESSITY OPERATIONS FRANCE
(00) Change of owner(s) name	(73) ESSITY OPERATIONS FRANCE
(71) Nordic Rebalance A/S	(11) EP1106723
(73) Nordic Rebalance A/S	(00) 26.11.2018
(11) EP1931363	(51) D04H 1/46
(00) 13.11.2018	D04H 1/02
(51) A23L 1/172	D04H 1/12
A61K 35/74	D04H 13/00
A23L 1/30	(00) Change of owner(s) name
A61K 31/685	(71) Semiconductor Manufacturing International
A61K 35/745	(Beijing) Corporation
A61K 35/747	Semiconductor Manufacturing International
(00) Change of owner(s) name	Corporation (Shanghai)
(71) Botti, Paolo	(73) Semiconductor Manufacturing International
(73) Capsugel Belgium NV	Corporation (Shanghai)
(11) EP2504327	Semiconductor Manufacturing International
(00) 26.11.2018	(Beijing) Corporation
(51) C07D 323/00	(11) EP3154086
C07D 493/10	(00) 31.10.2018
C07D 493/20	(51) H01L 27/02
C07D 495/10	H01L 29/66
A61K 31/365	H01L 29/78
(00) Assignment	H01L 29/08
(71) Mitsubishi Heavy Industries Engine &	H01L 27/088
Turbocharger, Ltd.	H01L 21/265
(73) Mitsubishi Heavy Industries Engine &	(00) Change of owner(s) name
Turbocharger, Ltd.	
(11) EP2719877	
(00) 27.11.2018	
(51) F02B 39/00	
F02B 37/10	
F02B 39/10	
H02K 1/28	
H02K 1/30	
H02K 11/21	
F02C 6/12	
(00) Assignment	
(71) SCA TISSUE FRANCE	
(73) ESSITY OPERATIONS FRANCE	
(11) EP2039815	

TVH

**Topografieën van halfgeleiderproducten.
Contains data concerning Semiconductors.**