



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](http://www.rvo.nl/octrooien). Het Bijblad bevat officiële mededelingen en andere wetenswaardigheden waarmee Octrooicentrum Nederland en zijn klanten te maken hebben.

### Abonnementsprijzen per (kalender)jaar:

Hoofdblad en Bijblad: verschijnt gratis in elektronische vorm op de website van Octrooicentrum Nederland.

#### *Bezoekadres:* **Octrooicentrum Nederland**

Prinses Beatrixlaan 2

2595 AL Den Haag

Postadres

Postbus 10366

2501 HJ Den Haag

Telefoon: 088-0426656

Bankrekeningnummer:

Voor taksen en depotrekeningen:

ING 0705001296

Iban: NL41INGB070500129

BIC: INGBNL2A

## 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](http://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.

### Subscription rates per calendar year:

Patent Bulletin and Official Journal: free of charge in electronic form on the website of the Netherlands Patent Office.

#### *Visiting address:* **Netherlands Patent Office**

Prinses Beatrixlaan 2

2595 AL Den Haag

Postadress

Post Office Box: 10366

2501 HJ Den Haag

Telephone: +31(0)88 0426656

Account:

Fees, deposit accounts:

ING 0705001296

Iban: NL41INGB070500129

BIC: INGBNL2A

<b>Inhoudsopgave</b>	<b>Blz. Content</b>	<b>Page</b>
<b>Rubriek NP1</b> Bevat gegevens betreffende octrooiaanvragen die zijn ingeschreven op grond van de Octrooiwet 1995.	7 <b>Heading NP1</b> Contains data concerning Netherlands patent applications which have been entered in the patent register under the Patents Act 1995.	7
<b>Rubriek NP2</b> Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	8 <b>Heading NP2</b> Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	8
<b>Rubriek NP3</b> Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995.	9 <b>Heading NP3</b> Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995.	9
<b>Rubriek EP1</b> Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen.	10 <b>Heading EP1</b> Contains data concerning translations of the conclusions of European patent applications.	10
<b>Rubriek EP2</b> Bevat gegevens betreffende voor Nederland verleende Europese octrooien.	11 <b>Heading EP2</b> Contains data concerning European patents granted for The Netherlands.	11
<b>Rubriek EP3</b> Bevat gegevens betreffende voor Nederland verleende Europese octrooien waarvoor een vertaling is ingediend conform artikel 52 lid 1 of 6 van de Octrooiwet 1995.	221 <b>Heading EP3</b> 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.	221
<b>Rubriek EP4</b> Bevat gegevens betreffende voor Nederland verleende gewijzigde Europese octrooien.	283 <b>Heading EP4</b> Contains data concerning European patents granted in amended form for the Netherlands.	283
<b>Rubriek EP5</b> Bevat gegevens betreffende voor Nederland verleende gewijzigde	284 <b>Heading EP5</b> Contains data concerning European patents granted in amended form for	284

Europese octrooien waarvoor een gewijzigde vertaling is ingediend.	The Netherlands in which an amended translation was filed.	
<b>Rubriek SPC</b> Bevat gegevens betreffende ingeschreven en verleende certificaten	<b>286Heading SPC</b> Contains data concerning applications for- or granted Supplementary Protection Certificates.	286
<b>Rubriek VB1</b> Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.	<b>287Heading VB1</b> Contains data concerning requests and notices of opposition under the General administrative law.	287
<b>Rubriek VB2</b> Bevat gegevens betreffende rechten waarin een beslissing is genomen of waarvoor een nieuwheidsrapport is uitgegaan op een verzoek- of bezwaarschrift conform de Octrooiwet 1995.	<b>289Heading VB2</b> 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.	289
<b>Rubriek MED</b> Bevat gegevens betreffende overige mededelingen.	<b>290Heading MED</b> Contains data concerning other communications.	290
<b>Rubriek VRV</b> Bevat gegevens betreffende verval of nietigverklaring.	<b>291Heading VRV</b> Contains data concerning lapse or annulment.	291
<b>Rubriek VRB</b> Bevat gegevens betreffende verbeteringen op eerdere publicaties.	<b>292Heading VRB</b> Contains data concerning corrections on earlier publications.	292
<b>Rubriek CO</b> Bevat gegevens betreffende wijzigingen in het octrooiregister.	<b>293Heading CO</b> Contains data concerning changes in the Netherland patent register.	293
<b>Rubriek TVH</b> Bevat gegevens betreffende topografieën van halfgeleiderproducten.	<b>294Heading TVH</b> Contains data concerning depots of original topographies of semi-conductor products.	294

## Overzicht van Inid codes

### INID CODES

Inid codes worden gebruikt op de voorpagina van octrooigeschriften en in octroobulletins. 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) Voorrangsgegevens
- (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) G03F 7/20

(21) 2024778

(22) 28.01.2020

(54) METROLOGY SYSTEM,  
LITHOGRAPHIC APPARATUS, AND  
CALIBRATION METHOD

(71) ASML Holding N.V.

(74) ir. A.J.M. van Hoef

(72) Piotr Jan Meyer  
Nikhil Mehta

(31) 62/806,123

(32) 15.02.2019

(33) United States of America

---

**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) E02D 33/00  
G01N 3/12  
(11) 2023629  
(47) 20.08.2020  
(22) 11.08.2019  
(54) TEST DEVICE FOR SHEARING  
MECHANICAL PROPERTIES OF  
INTERFACE BETWEEN PILE AND SOIL  
(73) Shanghai Minie Technology Co., LTD  
Henan Polytechnic  
(72) Jiaqi Guo  
Shanxiu Huang  
Junkun Tan  
(74) ir. A. van der Maarl
- 
- (51) G01N 27/48  
G01N 33/15  
G01N 33/487  
(11) 1043265  
(47) 25.08.2020  
(22) 20.05.2019  
(54) METHOD FOR ELECTROCHEMICAL  
DETECTION AND IDENTIFICATION  
OF DRUGS, NARCOTICS AND  
PRECURSORS THEREOF  
(73) M.M.C. International B.V.  
(72) Rafael Herena-Garcia M.Sc  
Jermey Marinus Johannes Jungbeker  
Mike Mans  
Joost Leendert Brouws  
Marno Marinus Johannes Cornelis  
Jungbeker  
(31) 1043139  
(32) 31.01.2019  
(33) Netherlands
- 
- (51) H04N 7/10  
(11) 2016408  
(47) 26.08.2020  
(22) 10.03.2016  
(54) Power Inserter Device  
(73) Technetix B.V.  
(72) Paul Chapman  
Chandith Palawinna  
(74) drs. C.M.A. Quintelier  
(31) 1504288.0  
(32) 13.03.2015  
(33) United Kingdom
-



**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 3/24	(31) 102017125727	(47) 26.08.2020
A01B 63/114	(32) 03.11.2017	(22) 21.12.2018
A01B 63/14	(33) Germany	(54) LATERAL TRANSPORT SYSTEM FOR
A01B 73/04	(51) A01B 59/06	HARVESTER AND METHOD OF USING
(11) EP3284329	(11) EP3238515	THE SAME
(21) EP17175034.2	(21) EP17165883.4	(73) CNH Industrial Belgium NV
(47) 26.08.2020	(47) 26.08.2020	(72) Fay, Jeffrey B. II
(22) 25.01.2013	(22) 11.04.2017	(31) 201815859831
(54) AGRICULTURAL TOOLBAR METHOD	(54) METHOD FOR DETERMINING A MASS	(32) 02.01.2018
(73) Precision Planting LLC	OF AN ATTACHMENT FOR A WORK	(33) United States of America
(72) KOCH, Dale M	VEHICLE	(51) A01D 34/00
STOLLER, Jason J	(73) Deere & Company	A01D 34/82
(31) 201261590643 P	(72) Meid, Michael	A01D 67/00
(32) 25.01.2012	Traut, Sebastian	B60G 3/06
(33) United States of America	(31) 102016207200	B60G 21/05
(51) A01B 15/02	(32) 27.04.2016	(11) EP3222132
A01B 23/02	(33) Germany	(21) EP17161727.7
(11) EP3331339	(51) A01B 63/00	(47) 26.08.2020
(21) EP17751268.8	A01B 63/111	(22) 20.03.2017
(47) 26.08.2020	A01C 7/20	(54) SELF-PROPELLED LAWN MOWER
(87) EP2017068247	G01L 1/02	DEVICE
22.02.2018	(11) EP3214916	(73) Bernini, Fabrizio
(22) 19.07.2017	(21) EP15856490.6	(72) Bernini, Fabrizio
(54) CULTIVATOR WHICH IS SCREWED ON	(47) 26.08.2020	(31) UA20161982
THE REAR FACE	(87) US2015059631	(32) 24.03.2016
(73) Betek GmbH & Co. KG	12.05.2016	(33) Italy
(72) SEIFRIED, Fabian	(22) 07.11.2015	(51) A01D 34/30
SCHNEIDER, Uwe	(54) AGRICULTURAL SYSTEM	A01D 41/14
RUGGABER, Stefan	(73) Dawn Equipment Company	(11) EP3476196
ESSIG, Wolfgang	(72) BASSETT, Joseph D.	(21) EP18203213.6
(31) 102016115323	(31) 201462076767 P	(47) 26.08.2020
(32) 18.08.2016	201462085334 P	(22) 29.10.2018
(33) Germany	201514858089	(54) CENTER KNIFE DRIVE AND ROLLER
(51) A01B 59/041	(32) 07.11.2014	ASSEMBLY FOR AN AGRICULTURAL
(11) EP3407697	28.11.2014	HARVESTER
(21) EP17701689.6	18.09.2015	(73) CNH Industrial Belgium NV
(47) 26.08.2020	(33) United States of America	(72) Dechristopher, David M.
(87) EP2017051556	United States of America	(31) 201715798913
03.08.2017	United States of America	(32) 31.10.2017
(22) 25.01.2017	(51) A01B 69/00	(33) United States of America
(54) CONTROL LOGIC FOR AUTOMATIC	A01B 79/00	(51) A01D 34/43
LOWER LINKS STABILIZERS	(11) EP3051936	A01G 3/00
(73) CNH Industrial Italia S.p.A.	(21) EP14780853.9	(11) EP3381270
(72) BARONI, Massimo	(47) 26.08.2020	(21) EP18154206.9
CURSANO, Federico	(87) EP2014071271	(47) 26.08.2020
DAVIES, Benjamin	09.04.2015	(22) 30.01.2018
BROWN, Phil	(22) 03.10.2014	(54) MULCHER
IOTTI, Alessandro	(54) AGRICULTURAL MACHINE FOR	(73) Helmut Längle OG
(31) UB20160494	REVISITING A PLANTED PLOT;	(72) Längle, Helmut
(32) 26.01.2016	ASSOCIATED METHOD	Draschl, Ewald
(33) Italy	(73) Centre National d'Etudes Spatiales	(31) 1252017
(51) A01B 59/042	(72) LAURICHESSE, Denis	(32) 27.03.2017
A01B 73/00	(31) 1359630	(33) Austria
A01B 73/04	(32) 04.10.2013	(51) A01D 34/64
(11) EP3479669	(33) France	A01D 34/74
(21) EP18204380.2	(51) A01B 73/04	(11) EP3178305
(47) 26.08.2020	A01D 34/64	(21) EP16198183.2
(22) 05.11.2018	A01D 43/06	(47) 26.08.2020
(54) AGRICULTURAL MACHINE	A01D 57/28	(22) 10.11.2016
(73) Reiter, Thomas	(11) EP3504950	(54) GRASS MOWER
(72) Reiter, Thomas	(21) EP18215294.2	(73) Kubota Corporation

(72) REICHARD, Maxwell	Schropp, Kyle	(22) 11.06.2018
(31) 201514960829	(31) 201715639376	(54) CLEANING SHOE VENTING THROUGH
(32) 07.12.2015	(32) 30.06.2017	CHOPPER ROTOR ASSEMBLY
(33) United States of America	(33) United States of America	(73) Deere & Company
(51) A01D 41/12	(51) A01D 43/063	(72) Diessner, Gregor
(11) EP3473074	(11) EP3473077	Fuchs, Volker
(21) EP18200514.0	(21) EP17197633.5	Klein, Oliver
(47) 26.08.2020	(47) 26.08.2020	Mischler, Peter
(22) 15.10.2018	(22) 20.10.2017	Rittershofer, Martin
(54) METHOD AND SYSTEM FOR	(54) GRASS MOWER	Puryk, Corwin M
UNLOADING HARVESTED CROP	(73) Kubota Corporation	(31) 201715621244
FROM AN AGRICULTURAL	(72) TADA, Hiroyuki	(32) 13.06.2017
HARVESTER	NISHIHARA, Hironobu	(33) United States of America
(73) CNH Industrial Belgium NV	CLARK, Taylor	(51) A01F 12/40
(72) Dilts, Mark D.	SHARKAR, Fahmid	(11) EP3414989
(31) 201715787803	MORRIS, Benjamin A.	(21) EP18177006.6
(32) 19.10.2017	(51) A01D 61/00	(47) 26.08.2020
(33) United States of America	A01D 89/00	(22) 11.06.2018
(51) A01D 41/127	(11) EP3440921	(54) CROSS VENTED RESIDUE DISPOSAL
A01D 41/14	(21) EP18170477.6	SYSTEM FOR AN ENCLOSED
G05D 1/02	(47) 26.08.2020	COMBINE BODY
(11) EP3516942	(22) 03.05.2018	(73) Deere & Company
(21) EP19154137.4	(54) CARRYING FINGER, ROTATABLE	(72) Diessner, Gregor
(47) 26.08.2020	TRANSPORTING DEVICE AND	Fuchs, Volker
(22) 29.01.2019	DRIVING UNIT FOR A ROTATABLE	Klein, Oliver
(54) PREDICTIVE HEADER HEIGHT	TRANSPORTING DEVICE	Mischler, Peter
CONTROL SYSTEM	(73) CLAAS Selbstfahrende Erntemaschinen	Rittershofer, Martin
(73) CNH Industrial Belgium NV	GmbH	Puryk, Corwin M
(72) Reed, Daniel	(72) Dahlke, Christan	(31) 201715621160
Walker, Eric L.	Liedmeier, Stefan	(32) 13.06.2017
(31) 201815882740	Bergmann, Michael	(33) United States of America
(32) 29.01.2018	Eidhoff, Lukas	(51) A01F 12/40
(33) United States of America	(31) 102017118252	A01F 29/09
(51) A01D 41/127	(32) 10.08.2017	(11) EP3153012
A01F 12/32	(33) Germany	(21) EP16192986.4
A01F 12/34	(51) A01D 78/10	(47) 26.08.2020
A01F 12/44	A01D 78/12	(22) 10.10.2016
(11) EP3482624	(11) EP3473078	(54) SINGLE FASTENER ATTACHMENT
(21) EP18204649.0	(21) EP18201018.1	FOR CHOPPER KNIVES
(47) 26.08.2020	(47) 26.08.2020	(73) CNH Industrial Belgium nv
(22) 06.11.2018	(22) 17.10.2018	(72) Dilts, Mark D.
(54) SENSOR ASSEMBLY FOR A COMBINE	(54) HAYMAKING MACHINE	Isaac, Nathan E.
HARVESTER	(73) CLAAS Saulgau GmbH	(31) 201514879162
(73) Deere & Company	(72) Boll, Ulrich	(32) 09.10.2015
(72) Vandike, Nathan R	(31) 102017124239	(33) United States of America
Fuchs, Volker	(32) 18.10.2017	(51) A01F 15/08
Schaeffer, Hans W	(33) Germany	(11) EP3357327
Yu, Wentao W	(51) A01F 12/16	(21) EP18154789.4
Kirstein, Stephan	(11) EP3417696	(47) 26.08.2020
Müller, Sebastian	(21) EP18178305.1	(22) 01.02.2018
Herlitzius, Thomas	(47) 26.08.2020	(54) BALE SHAPE AND DENSITY
Korn, Christian	(22) 18.06.2018	IMPROVEMENT
(31) 102017220037	(54) SELF-CLEANING ROCK SUMP FOR	(73) CNH Industrial Belgium NV
(32) 10.11.2017	AN AGRICULTURAL HARVESTER AND	(72) DEBBAUT, Thomas
(33) Germany	RELATED SYSTEMS AND METHODS	DEVROE, Jeroen
(51) A01D 41/14	(73) CNH Industrial Belgium NV	KINDT, Dieter
(11) EP3420796	(72) COOKSEY, William L.	LIEFOOGHE, Dries
(21) EP18171515.2	RICKETTS, Jonathan E.	ROSSEEL, Bram
(47) 26.08.2020	HAMMER, Kevin	VANDAELE, Thomas
(22) 09.05.2018	STEGMILLER, Todd	VERHAEGHE, Didier
(54) DRAPER BELT SYSTEM	(31) 201715626262	(31) 201705064
(73) CNH Industrial Belgium NV	(32) 19.06.2017	(32) 02.02.2017
(72) Conroy, John J.	(33) United States of America	(33) Belgium
Lauwers, Andrew V.	(51) A01F 12/40	(51) A01F 25/13
Long, Zachary	(11) EP3414990	B32B 27/32
Noll, Blaine R.	(21) EP18177013.2	C08J 5/18
Joyce, Joshua S.	(47) 26.08.2020	(11) EP3483206
Roberts, Craig Donald		(21) EP17201169.4

(47) 26.08.2020	(51) A01K 9/00	(51) A01N 1/02
(22) 10.11.2017	(11) EP3243378	(11) EP3569064
(54) POLYETHYLENE-BASED BARRIER FILM USEFUL IN THE PRODUCTION OF SILAGE	(21) EP17169394.8	(21) EP18710909.5
(73) Trioplast France SAS	(47) 26.08.2020	(47) 26.08.2020
(72) DERVYN, Marc	(22) 04.05.2017	(87) ES2018070005 19.07.2018
(51) A01G 3/00	(54) SUCTION DEVICE AND HOLDER FOR SAME	(22) 04.01.2018
A01G 3/08	(73) H I K O GmbH	(54) ORGAN PERFUSION DEVICE
A01G 17/02	(72) Hinterkopf, Martin	(73) Ebers Medical Technology, S.L.
(11) EP3143872	(31) 102016108580	(72) ALASTRUJÉ VERA, Víctor
(21) EP15792249.3	102016121642	MOREO CALVO, Pedro
(47) 26.08.2020	(32) 10.05.2016	USÓN JULIÁN, Fernando
(87) ES2015070287	11.11.2016	MAINAR LÓPEZ, Marta
19.11.2015	(33) Germany	CONTE BLASCO, Javier
(22) 13.04.2015	Germany	(31) 201730030
(54) MANUAL DEVICE FOR REMOVING BUDS AND YOUNG SHOOTS	(51) A01K 13/00	(32) 12.01.2017
(73) Baya Sánchez, Daniel	A63B 71/12	(33) Spain
(72) Baya Sánchez, Daniel	(11) EP3490688	(51) A01N 1/02
(31) 201430660 U	(21) EP17751817.2	(11) EP3178318
(32) 15.05.2014	(47) 26.08.2020	(21) EP15818206.3
(33) Spain	(87) FR2017052088	(47) 26.08.2020
(51) A01G 23/083	01.02.2018	(87) KR2015000595
F16H 61/4043	(22) 26.07.2017	14.01.2016
(11) EP2724611	(54) THERMOPLASTIC PERSONAL PROTECTION EQUIPMENT	(22) 21.01.2015
(21) EP13397530.0	(73) Virtus	(54) COMPOSITION FOR PROMOTING STORAGE STABILITY OF STEM CELLS
(47) 26.08.2020	(72) RAT, Mathieu Patrick	(73) Ra, Jeong Chan
(22) 04.09.2013	NIEDDU, Thibault François	(72) RA, Jeong Chan
(54) Control circuit for a harvester head	(31) 1657292	WOO, Sang Kuy
(73) Waratah OM OY	(32) 28.07.2016	(31) 20140085020
(72) Alfthan, Arto	(33) France	(32) 08.07.2014
(31) 20126121	(51) A01K 29/00	(33) Korea (Republic)
(32) 29.10.2012	A01K 41/00	(51) A01N 1/02
(33) Finland	A01K 43/00	G01N 1/42
(51) A01G 33/00	G01N 21/47	(11) EP2710347
A01K 63/04	G01N 21/49	(21) EP12786781.0
C02F 3/00	G01N 33/08	(47) 26.08.2020
A01K 61/00	(11) EP3203833	(87) US2012038431
(11) EP3171691	(21) EP14852029.9	22.11.2012
(21) EP15745171.7	(47) 26.08.2020	(22) 17.05.2012
(47) 26.08.2020	(87) IB2014065066	(54) VENTILATION ASSISTED PASSIVE CELL FREEZING DEVICE
(87) EP2015066732	16.04.2015	(73) Biocision, LLC
28.01.2016	(22) 05.10.2014	(72) SCHRYVER, Brian
(22) 22.07.2015	(54) SYSTEM AND METHOD FOR MONITORING EGGS DURING INCUBATION	GANAJA, Scott
(54) AQUACULTURE INSTALLATION AND FARMING METHOD	(73) LIVEGG (2015) LTD	(31) 201161487445 P
(73) Bock, Gordon	(72) ADAR, Gavriel	(32) 18.05.2011
Linke, Rainer	HOFFMAN, Eliyahu	(33) United States of America
(72) BOCK, Gordon	ADAR, Yair Or	(51) A01N 25/00
(31) 202014103397 U	(51) A01M 3/00	A61K 31/42
(32) 23.07.2014	A01M 5/02	A61P 33/00
(33) Germany	A01M 27/00	(11) EP3172964
(51) A01K 5/02	F41A 9/28	(21) EP16187099.3
G05D 1/02	F41A 9/74	(47) 26.08.2020
(11) EP2878194	F41B 11/00	(22) 12.09.2012
(21) EP14195146.7	F41B 11/50	(54) PARASITICIDAL COMPOSITIONS COMPRISING AN ISOXAZOLINE ACTIVE AGENT, METHOD AND USES THEREOF
(47) 26.08.2020	F41B 11/55	(73) Boehringer Ingelheim Animal Health USA Inc.
(22) 27.11.2014	F41B 11/81	(72) SOLL, Mark, D.
(54) Motorized feeding vehicle	(11) EP3380804	ROSENTEL, Joseph, K.
(73) Dansk Mink Papir A/S	(21) EP16916365.6	PATE, James
(72) Larsen, Johnny Mollerup	(47) 26.08.2020	SHUB, Natalya
Palsgaard, Henrik	(87) US2016052021	TEJWANI-MOTWANI, Monica
Pedersen, Rudi	22.03.2018	BELANSKY, Carol
(31) 13194613	(22) 16.09.2016	(31) 201161533308 P
(32) 27.11.2013	(54) PREPACKAGED BUG GUN MAGAZINE	
(33) European Patent Office (EPO)	(73) Maggiore, Loren	
	(72) Maggiore, Loren	

(32) 12.09.2011	(11) EP3209828	(33) United States of America
(33) United States of America	(21) EP15791059.7	United States of America
(51) A01N 25/04	(47) 26.08.2020	(51) A01N 59/00
A01N 59/00	(87) US2015053989	A01P 7/00
A62D 3/00	28.04.2016	A01P 7/02
B01J 20/06	(22) 05.10.2015	A01P 7/04
B01J 20/28	(54) N-HALAMINE CONTAINING FIBROUS	A01P 17/00
G21F 9/00	COMPOSITIONS AND USES THEREOF	(11) EP2996474
G21F 9/28	(73) Auburn University	(21) EP14733788.5
A62D 3/176	(72) WORLEY, Shelby D.	(47) 26.08.2020
A62D 3/30	BROUGHTON, Royall M.	(87) US2014038652
A62D 3/33	CERKEZ, Idris	20.11.2014
A62D 101/02	DEMIR, Buket	(22) 19.05.2014
A62D 101/24	(31) 201462066655 P	(54) METHODS FOR THE CONTROL OF
A62D 101/43	(32) 21.10.2014	ARTHROPODS USING NEAR-IDEAL
(11) EP3484610	(33) United States of America	GAS PHASE HYDROGEN PEROXIDE
(21) EP17748832.7	(51) A01N 37/16	(73) Synexis LLC
(47) 26.08.2020	A01P 1/00	(72) LEE, James, D.
(87) FR2017051922	A23C 7/02	BOSMA, Douglas, J.
18.01.2018	A61K 9/08	(31) 201361824689 P
(22) 12.07.2017	A61L 2/18	(32) 17.05.2013
(54) ADSORBENT AND PHOTOCATALYTIC	C07C 327/26	(33) United States of America
DECONTAMINATION GEL, AND	C07C 407/00	(51) A01N 59/00
METHOD FOR DECONTAMINATING	C07C 409/24	B01D 47/02
SURFACES USING SAID GEL	(11) EP3233141	B01D 53/38
(73) Commissariat à l'énergie atomique et aux	(21) EP15871085.5	(11) EP3372084
énergies alternatives	(47) 26.08.2020	(21) EP18160702.9
(72) GOSSARD, Alban	(87) US2015066427	(47) 26.08.2020
FRANCES, Fabien	23.06.2016	(22) 08.03.2018
LEPEYTRE, Célia	(22) 17.12.2015	(54) OXIDATIVE METHOD FOR THE
(31) 1656758	(54) GENERATION OF PEROXYFORMIC	REDUCTION OR REMOVAL OF
(32) 13.07.2016	ACID THROUGH POLYHYDRIC	ORGANIC MATERIALS AND/ OR
(33) France	ALCOHOL FORMATE	INORGANIC SUBSTANCES AND/OR
(51) A01N 25/06	(73) Ecolab USA Inc.	MICRO-ORGANISMS IN AN AIRFLOW
A01N 27/00	(72) Li, Junzhong	(73) Küke, Fritz
A61L 2/22	BREWSTER, Allison	(72) Küke, Fritz
B05B 1/14	STAUB, Richard	Holz, Stephanie
B05B 1/26	LANGE, Steven	(31) 102017104816
B05B 7/12	CHERITU, Tizazu	(32) 08.03.2017
B05B 7/24	FAST, Jonathan P.	(33) Germany
A01N 65/00	HANSON, Catherine	(51) A21C 3/00
A01N 65/08	(31) 201462094048 P	A21C 9/00
A01N 65/22	(32) 18.12.2014	B65G 15/40
A01N 65/28	(33) United States of America	(11) EP3066928
(11) EP2729187	(51) A01N 37/22	(21) EP16157593.1
(21) EP12740921.7	A01N 43/90	(47) 26.08.2020
(47) 26.08.2020	A01N 47/34	(22) 26.02.2016
(87) EP2012063401	A01N 51/00	(54) BAKERY MACHINE INSTALLATION
17.01.2013	A01N 53/00	FOR CONVEYING DOUGH
(22) 09.07.2012	A01P 5/00	(73) Fritsch Bakery Technologies GmbH &
(54) DISINFECTING METHOD FOR	A01P 7/00	Co. KG
DISINFECTING A ROOM OR	A01N 65/00	(72) Bernhardt, Udo
SURFACE, AND DISINFECTING	(11) EP3057418	(31) 102015003051
FLUID COMPOSITION SUITABLE FOR	(21) EP14786846.7	(32) 11.03.2015
TRANSFORMING INTO AN AEROSOL	(47) 26.08.2020	(33) Germany
OF FLUID PARTICLES SUSPENDED IN	(87) EP2014072183	(51) A21C 9/04
A GAS	23.04.2015	A21C 15/00
(73) Zarfl, Hans Peter	(22) 16.10.2014	(11) EP3453258
(72) Zarfl, Hans Peter	(54) INSECTICIDAL ACTIVE MIXTURES	(21) EP18190902.9
(31) 2007071	COMPRISING CARBOXAMIDE	(47) 26.08.2020
(32) 08.07.2011	COMPOUND	(22) 27.08.2018
(33) Netherlands	(73) BASF Agrochemical Products, B.V.	(54) SPREADING DEVICE FOR A DOUGH
(51) A01N 25/34	(72) SIKULJAK, Tatjana	PROCESSING PLANT
A01N 43/50	GEWEHR, Markus	(73) Fritsch Bakery Technologies GmbH &
A01N 59/00	(31) 201361892504 P	Co. KG
D06M 13/352	201361906438 P	(72) Wagner, Alex
D06M 16/00	(32) 18.10.2013	Bernhardt, Udo
D06M 23/10	20.11.2013	(31) 102017120609

(32) 07.09.2017	28.09.2017	(54) METHOD FOR PRODUCING QUARK
(33) Germany	(22) 22.03.2017	MASS WITH IMPROVED FLAVOUR
(51) A21D 2/18	(54) SYSTEM FOR SEPARATING BREAST	PROPERTIES
A21D 8/04	MEAT FROM AT LEAST A PART OF A	(73) DMK Deutsches Milchkontor GmbH
A21D 10/00	KEEL BONE OF A CARCASS PART OF	(72) DÖRING, Sven-Rainer
A23L 29/00	SLAUGHTERED POULTRY	(51) A23C 15/04
A23L 29/244	(73) Marel Poultry B.V.	A23C 15/16
A23L 33/00	(72) VAN ESBROECK, Maurice Eduardus	A23D 9/00
A23L 33/125	Theodorus	A23D 9/04
A23L 33/22	CLAESSENS, Roger Pierre Hubertus	A23G 3/34
A21D 13/06	Maria	(11) EP3289884
A21D 13/062	VROEGOP, Johannes Anthonie	(21) EP17189148.4
(11) EP3266318	VAN BUSSEL, Gerardus Johannes	(47) 26.08.2020
(21) EP16178550.6	Catharina	(22) 04.09.2017
(47) 26.08.2020	(31) 2016478	(54) FOOD COMPOSITION BASED ON
(22) 08.07.2016	(32) 23.03.2016	DAIRY PRODUCTS AND METHOD FOR
(54) SUGAR-FREE BREAD	(33) Netherlands	MANUFACTURING SAME
(73) Mauri Technology B.V.	(51) A22C 21/00	(73) SAVENCIA SA
(72) Branco, Pedro	A22C 21/06	(72) DA SILVA BOUCHER, Anne-Claire
van Oort, Maarten	(11) EP3426050	MESTDAGH-ROMAN, Olesea
Wach, Damien	(21) EP17715793.0	(31) 1658221
(51) A22C 15/00	(47) 26.08.2020	(32) 05.09.2016
B65G 25/00	(87) NL2017050103	(33) France
(11) EP2384638	14.09.2017	(51) A23D 7/00
(21) EP10004707.5	(22) 22.02.2017	A23D 7/005
(47) 26.08.2020	(54) DEVICE AND METHOD FOR	A23D 7/06
(22) 04.05.2010	PREPARING THE EVISCERATION OF	C11B 5/00
(54) Robotic device and method for inserting	BEHEADED SLAUGHTERED POULTRY	A23L 29/25
or removing rod-like elements	(73) Marel Stork Poultry Processing B.V.	A23L 33/115
(73) Poly-clip System GmbH & Co. KG	(72) TEURLINX, Engelbertus Johannes	(11) EP2696839
(72) Kessler, Günter	Jacobus	(21) EP12771162.0
(51) A22C 17/00	CLAESSENS, Roger Pierre Hubertus	(47) 26.08.2020
B02C 18/36	Maria	(87) US2012031872
(11) EP3484300	(31) 2016393	18.10.2012
(21) EP17749533.0	(32) 08.03.2016	(22) 02.04.2012
(47) 26.08.2020	(33) Netherlands	(54) METHODS OF MAKING OIL-IN-WATER
(87) IB2017054202	(51) A23B 7/148	EMULSIONS
18.01.2018	B65B 25/04	(73) DSM IP Assets B.V.
(22) 12.07.2017	B65D 30/02	(72) WANG-NOLAN, Wei
(54) REVERSIBLY MODULAR ELASTIC	B65D 81/24	HURST, Bradley, Martin
CUTTER FOR PRODUCING SALAMIS	B65D 81/26	LEE, Sin, Wai
(73) Quadrana, Marcello	B65D 85/34	NEEDHAM, Micah
(72) Quadrana, Marcello	(11) EP2938561	SU, Gang
(31) 201600073507	(21) EP13869647.1	MAI, Jimbin
(32) 14.07.2016	(47) 26.08.2020	(31) 201113079252
(33) Italy	(87) US2013073770	(32) 04.04.2011
(51) A22C 17/00	03.07.2014	(33) United States of America
B02C 18/36	(22) 08.12.2013	(51) A23F 3/16
(11) EP3484302	(54) BREATHABLE CONTAINER FOR	A23L 2/56
(21) EP17749536.3	FRUITS AND VEGETABLES	A61K 8/37
(47) 26.08.2020	(73) Shubham, Chandra	A61Q 11/00
(87) IB2017054206	WILLIAMS, Benjamin, Scott	C12G 3/06
18.01.2018	(72) Shubham, Chandra	A23L 13/40
(22) 12.07.2017	WILLIAMS, Benjamin, Scott	A23L 15/00
(54) REVERSIBLY MODULAR ELASTIC	(31) 201213729243	A23L 27/00
CUTTER FOR PRODUCING	(32) 28.12.2012	A23L 27/20
SAUSAGES	(33) United States of America	(11) EP2730178
(73) Quadrana, Marcello	(51) A23C 7/04	(21) EP12192171.2
(72) Quadrana, Marcello	A23C 9/142	(47) 26.08.2020
(31) 201600073500	A23C 19/028	(22) 12.11.2012
(32) 14.07.2016	A23C 19/032	(54) Oral compositions
(33) Italy	A23C 19/076	(73) Symrise AG
(51) A22C 21/00	(11) EP3476220	(72) Obst, Katja
(11) EP3432724	(21) EP17198240.8	Krammer, Gerhard
(21) EP17716075.1	(47) 26.08.2020	Ley, Jakob
(47) 26.08.2020	(22) 25.10.2017	Reichelt, Katharina
(87) NL2017050178		(51) A23F 5/38
		A23G 1/56

A23P 30/10	(73) General Mills, Inc.	KENT, Robert
(11) EP3013152	(72) IMAI, Hironobu	(31) 14198051
(21) EP14777768.4	WATANABE, Mari	(32) 15.12.2014
(47) 26.08.2020	SATO, Hanako	(33) European Patent Office (EPO)
(87) IB2014001654	HIRAMATSU, Masaru	<hr/>
31.12.2014	SEKINE, Kazuhiko	(51) A23K 10/10
(22) 23.06.2014	SAGAWA, Masashi	A23K 10/40
(54) SOLUBLE BEVERAGE MASS	SHINOZAKI, Akira	A23K 50/00
(73) Koninklijke Douwe Egberts B.V.	ARATANI, Jun	(11) EP3223624
(72) KANG, Won Cheal	MATSUDA, Hajime	(21) EP14827667.8
SULEMANJI, Nawaz	(31) 2013248145	(47) 26.08.2020
EGER, Tharany, Elizabeth	(32) 29.11.2013	(87) US2014071740
ZIER, Maxi	(33) Japan	23.06.2016
DIMOULA, Myrto	<hr/>	(22) 19.12.2014
NCHARI, Luanga	(51) A23G 9/04	(54) ANIMAL FOOD PRODUCT FOR
FOX, Simon	A23G 9/12	DENTAL EFFICACY, METHODS OF
(31) 201311187	A23G 9/28	MANUFACTURE AND USE
(32) 24.06.2013	(11) EP3302091	(73) Hill's Pet Nutrition, Inc.
(33) United Kingdom	(21) EP16803952.7	(72) JEWELL, Dennis Edward
<hr/>	(47) 26.08.2020	JACKSON, Matthew
(51) A23G 1/00	(87) US2016031994	WALDY, Christopher
A23G 1/20	08.12.2016	<hr/>
A23G 1/22	(22) 12.05.2016	(51) A24C 5/32
A23G 1/26	(54) CHILLED PRODUCT PROCESSING	A24C 5/33
A23G 7/00	APPARATUS	(11) EP3069619
A23G 7/02	(73) Blendtec, Inc.	(21) EP16156428.1
(11) EP3107403	(72) JACOBSEN, Joseph O.	(47) 26.08.2020
(21) EP14710509.2	THROCKMORTON, David J.	(22) 19.02.2016
(47) 26.08.2020	DICKSON, Thomas D., Jr.	(54) DEVICE FOR TURNING ROD-
(87) EP2014053359	BYTHEWAY, David Q.	SHAPED PRODUCTS IN THE
27.08.2015	MAXFIELD, Bradley S.	TOBACCO PROCESSING INDUSTRY
(22) 20.02.2014	BAUER, Evan J.	AROUND A TRANSVERSE AXIS
(54) SYSTEM FOR PRODUCING	(31) 201514730549	WHICH IS PERPENDICULAR TO
CHOCOLATE-BASED ARTICLES IN	(32) 04.06.2015	A LONGITUDINAL AXIS OF THE
SOLIDIFYING FORM	(33) United States of America	PRODUCTS
(73) IPCO Process systems B.V.	<hr/>	(73) Hauni Maschinenbau GmbH
(72) LAURIJSSEN, F.W.A.	(51) A23G 9/08	(72) Wesner, Gregor
<hr/>	A23G 9/22	Folger, Manfred
(51) A23G 3/34	A23G 9/28	Schlisio, Siegfried
A23G 3/54	(11) EP3417716	Kleine Wächter, Michael
A23G 4/06	(21) EP18177562.8	(31) 102015003384
A23G 4/20	(47) 26.08.2020	(32) 17.03.2015
(11) EP3282861	(22) 13.06.2018	(33) Germany
(21) EP16719794.6	(54) MACHINE FOR MAKING ICE CREAM	<hr/>
(47) 26.08.2020	AND METHOD OF OPERATING THE	(51) A24C 5/34
(87) EP2016057997	MACHINE	G01N 1/22
20.10.2016	(73) Ali Group S.r.l. - Carpigiani	G01N 1/40
(22) 12.04.2016	(72) COCCHI, Andrea	G01N 30/08
(54) TRANSPARENT HARD COATINGS	LAZZARINI, Roberto	(11) EP3196629
STABLE UNDER ENVIRONMENTAL	(31) 201700069237	(21) EP15841446.6
CONDITIONS	(32) 21.06.2017	(47) 26.08.2020
(73) Perfetti Van Melle S.p.A.	(33) Italy	(87) CN2015076485
(72) BALDI, Gianni	<hr/>	24.03.2016
GÜLEN, Isil	(51) A23J 1/14	(22) 13.04.2015
(31) UB20150047	A23J 3/14	(54) SMOKING MACHINE COLLECTING
(32) 14.04.2015	A23J 3/26	DEVICE AND METHOD FOR USING
(33) Italy	A23L 5/00	SAME TO ANALYZE CIGARETTE
<hr/>	A23L 5/30	SMOKE
(51) A23G 9/00	A23P 10/30	(73) China National Tobacco Quality
A23G 9/04	A23P 30/20	Supervision & Test Center
A23G 9/24	(11) EP3232806	(72) HU, Qingyuan
A23G 9/48	(21) EP15831137.3	ZHANG, Hongfei
(11) EP3073838	(47) 26.08.2020	LI, Xue
(21) EP14865952.7	(87) EP2015079903	ZHU, Fengpeng
(47) 26.08.2020	23.06.2016	PANG, Yongqiang
(87) JP2014082346	(22) 15.12.2015	LUO, Yanbo
04.06.2015	(54) A SOLUTION OF DENATURED PEA	JIANG, Xingyi
(22) 01.12.2014	PROTEIN, AND USES THEREOF TO	CHEN, Zaigen
(54) FROZEN/CHILLED DESSERT AND	FORM MICROPARTICLES	HOU, Hongwei
METHOD AND APPARATUS FOR	(73) Anabio Technologies Limited	XIN, Baojun
MANUFACTURING SAME	(72) BLEIEL, Sinead	HUANG, Weidong



CHANG, Cheng	(11) EP3364793	A43C 1/00
ZENG, Bo	(21) EP16785138.5	(11) EP3200641
NIU, Gang	(47) 26.08.2020	(21) EP15778156.8
REN, Jingxia	(87) EP2016075311	(47) 26.08.2020
MENG, Ke	27.04.2017	(87) US2015052434
(31) 201410489403	(22) 21.10.2016	07.04.2016
201410481786	(54) AEROSOL-GENERATING SYSTEM	(22) 25.09.2015
(32) 19.09.2014	(73) Philip Morris Products S.A.	(54) ARTICLE OF FOOTWEAR UPPER
19.09.2014	(72) ROJO-CALDERON, Noelia	INCORPORATING A TEXTILE
(33) China	(31) 15190937	COMPONENT WITH TENSILE
China	(32) 22.10.2015	ELEMENTS
(51) A24D 3/02	(33) European Patent Office (EPO)	(73) NIKE Innovate C.V.
B26D 1/147	(51) A24F 47/00	(72) LILES, Timothy K.
B26D 3/16	(11) EP3515217	HENRICHOT, Olivier
B26D 7/02	(21) EP17767913.1	KLUG, Bryant Russel
B26D 7/06	(47) 26.08.2020	SCHULTZE, Nathan G.
B65B 29/00	(87) GB2017052655	MEIR, Adrian
(11) EP3523204	29.03.2018	LANGVIN, Elizabeth
(21) EP17778317.2	(22) 11.09.2017	(31) 201462057650 P
(47) 26.08.2020	(54) DEVICE WITH LIQUID FLOW	201462057264 P
(87) EP2017075764	RESTRICTION	201414535413
19.04.2018	(73) Nicoventures Holdings Limited	201414535648
(22) 10.10.2017	(72) JAIN, Siddhartha	(32) 30.09.2014
(54) MACHINE AND METHOD FOR MAKING	TIPTON, Wade	30.09.2014
ENCAPSULATED ARTICLES	BARTON, Rupert	07.11.2014
(73) I.M.A. Industria Macchine Automatiche	HARRIS, William	07.11.2014
S.p.A.	FRASER, Rory	(33) United States of America
(72) DRAGHETTI, Fiorenzo	(31) 201616036	United States of America
(31) 201600101433	(32) 21.09.2016	United States of America
(32) 10.10.2016	(33) United Kingdom	United States of America
(33) Italy	(51) A41D 27/00	(51) A43B 7/08
(51) A24F 7/02	B60N 2/28	B29D 35/14
A61M 11/02	B68G 1/00	(11) EP3461358
A61M 15/00	D04H 1/02	(21) EP17194421.8
A61M 15/06	D04H 1/4382	(47) 26.08.2020
A24B 15/16	(11) EP3346035	(22) 02.10.2017
A24F 47/00	(21) EP17210828.4	(54) METHOD FOR PRODUCING A SHOE
(11) EP3481471	(47) 26.08.2020	WITH AN AIR PUMP DEVICE WITH A
(21) EP17732584.2	(22) 28.12.2017	BELLOWS IN A MIDDLE SOLE
(47) 26.08.2020	(54) BLENDED PADDING	(73) ATMOS airwalk ag
(87) IB2017053545	(73) Moririn Co., Ltd.	(72) MÖHLMANN, Wilhelm
11.01.2018	(72) TAKAHASHI, Hideharu	SCHMIDT, Jens
(22) 14.06.2017	TOMINAGA, Koji	(51) A43B 13/20
(54) NICOTINE INHALER SYSTEM	KATO, Koji	A47C 31/12
(73) Philip Morris Products S.A.	(31) 2017001398	(11) EP3217831
(72) ZUBER, Gerard	(32) 06.01.2017	(21) EP15817544.8
(31) 16178327	(33) Japan	(47) 26.08.2020
(32) 07.07.2016	(51) A43B 1/04	(87) IB2015058574
(33) European Patent Office (EPO)	A43B 5/06	19.05.2016
(51) A24F 15/18	A43B 23/02	(22) 06.11.2015
A24F 47/00	A43C 1/04	(54) SYSTEM FOR ADJUSTING PRESSURE
(11) EP3125707	A43C 15/10	LOCALLY ACTING ON THE SKIN AND
(21) EP15714910.5	(11) EP3247238	SUBCUTANEOUS TISSUE
(47) 26.08.2020	(21) EP16701228.5	(73) Ecole Polytechnique Federale de
(87) GB2015050956	(47) 26.08.2020	Lausanne (EPFL)
08.10.2015	(87) US2016012660	(72) PERRIARD, Yves
(22) 30.03.2015	28.07.2016	PATAKY, Zoltan
(54) RE-CHARGING PACK FOR AN E-	(22) 08.01.2016	GRIVON, Daniel
CIGARETTE	(54) ARTICLE OF FOOTWEAR WITH MESH	CIVET, Yoan
(73) Nicoventures Holdings Limited	STRUCTURE	(31) 1460869
(72) SCHENNUM, Steven Michael	(73) NIKE Innovate C.V.	(32) 10.11.2014
MCKEON, Thomas Michael	(72) DIMOFF, John T.	(33) France
NETTENSTROM, Matthew Joel	RUSHBROOK, Thomas J.	(51) A43C 11/00
PEART, Justin Banker	(31) 201562105426 P	A43C 11/16
(31) 201405721	(32) 20.01.2015	(11) EP2871994
(32) 31.03.2014	(33) United States of America	(21) EP13783414.9
(33) United Kingdom	(51) A43B 1/04	(47) 26.08.2020
(51) A24F 47/00	A43B 23/02	(87) US2013057467

06.03.2014	G06F 3/042	(47) 26.08.2020
(22) 30.08.2013	G06F 3/0488	(87) FR2015051239
(54) MOTORIZED TENSIONING SYSTEM WITH SENSORS	(11) EP3138434	19.11.2015
(73) NIKE Innovate C.V.	(21) EP15720250.8	(22) 12.05.2015
(72) BEERS, Tiffany A.	(47) 26.08.2020	(54) HAIR-STYLING APPARATUS WITH STEAM-CONTAINMENT MEANS
OWINGS, Andrew A.	(87) CN2015077064	(73) SEB S.A.
HENDERSON, Cody, Collier	05.11.2015	(72) FERREYRE, Régis
CAPRA, James, Alan	(22) 21.04.2015	(31) 1454271
SODERBERG, Mark, Stanley	(54) PROJECTION RING	(32) 14.05.2014
(31) 201261695953 P	(73) BOE Technology Group Co., Ltd.	(33) France
(32) 31.08.2012	(72) XU, Qiushi	(51) A45D 1/28
(33) United States of America	CHEN, Yanshun	A45D 6/20
(51) A44B 11/25	LI, Yaohui	(11) EP3491960
A44B 11/26	(31) 201420213546 U	(21) EP17204511.4
A45C 13/10	(32) 28.04.2014	(47) 26.08.2020
(11) EP2043475	(33) China	(22) 29.11.2017
(21) EP07801150.9	(51) A45B 23/00	(54) HAIR IRON AND METHOD OF TEMPERATURE CONTROL
(47) 26.08.2020	A45B 25/14	(73) Vestel Elektronik Sanayi ve Ticaret A.S.
(87) DE2007001244	(11) EP3219222	(72) TURGUT, Hüseyin İlker
17.01.2008	(21) EP16186795.7	İHAN, Tuğçe
(22) 12.07.2007	(47) 26.08.2020	BILGİÇ, Sergen
(54) MAGNETIC QUICK-RELEASE BUCKLE	(22) 01.09.2016	(51) A45D 26/00
(73) Fidlock GmbH	(54) SLIDER POSITIONING DEVICE, UMBRELLA SUPPORT DEVICE AND UMBRELLA	A45D 40/26
(72) FIEDLER, Joachim	Yotrio Group Co., Ltd	A46B 11/08
(31) 102006032522	(72) XIE, Jianping	A47L 13/32
(32) 12.07.2006	(31) 201620215625 U	(11) EP3576566
(33) Germany	(32) 18.03.2016	(21) EP18748296.3
(51) A44C 5/00	(33) China	(47) 26.08.2020
A63B 71/06	(51) A45C 11/00	(87) IL2018050125
A63B 71/14	B29D 11/00	09.08.2018
B65D 63/10	G02C 7/04	(22) 05.02.2018
G06C 1/00	(11) EP2642333	(54) WAXING APPARATUS
G09B 1/14	(21) EP10859699.0	(73) Halfon, Liran Yehiel
A63B 57/00	(47) 26.08.2020	Goldfarb, Sigalit
(11) EP3388118	(87) JP2010070487	(72) Goldfarb, Sigalit
(21) EP16872661.0	24.05.2012	(31) 201762454850 P
(47) 26.08.2020	(22) 17.11.2010	(32) 05.02.2017
(87) JP2016075835	(54) SOFT CONTACT LENS APPLICATION METHOD	(33) United States of America
15.06.2017	(73) Menicon Co., Ltd.	(51) A45D 33/00
(22) 02.09.2016	(72) TANAKA Yasunori	A45D 33/02
(54) TOOL FOR RECORDING NUMBER OF HITS IN BALL GAME	YAMAGUCHI Hiroyuki	(11) EP3578079
(73) Ndc Corporation	YAMAMOTO Takashi	(21) EP19176188.1
(72) WATANABE, Masaei	(51) A45C 13/10	(47) 26.08.2020
(31) 2015241908	A45D 40/00	(22) 23.05.2019
(32) 11.12.2015	A45D 40/18	(54) CASE FOR A COSMETIC PRODUCT, IN PARTICULAR A POWDERY COSMETIC PRODUCT
(33) Japan	(11) EP3503760	(73) Albéa Services
(51) A44C 5/12	(21) EP17745847.8	(72) CARRARO, Daniel
A44C 13/00	(47) 26.08.2020	UHLEN, Pauline
A44C 15/00	(87) FR2017051874	(31) 1854854
A44C 17/02	01.03.2018	(32) 05.06.2018
(11) EP3169180	(22) 10.07.2017	(33) France
(21) EP16785543.6	(54) CASE FOR A STICK OF PASTY SUBSTANCE WITH MAGNETIC CLOSURE	(51) A45D 33/00
(47) 26.08.2020	(73) Axilone Plastique	A45D 33/12
(87) FR2016000141	(72) DENECE, Jean-Paul	A45D 34/00
30.03.2017	(31) 1657942	A45D 34/04
(22) 20.09.2016	(32) 25.08.2016	A45D 40/00
(54) PORTABLE DECORATIVE ELEMENT COMPRISING A FITTING CLAMPED UNDER A STRUCTURE	(33) France	A45D 40/26
(73) ALTESSE	(51) A45D 1/00	A61H 15/02
(72) RACT, Nicolas	A45D 1/04	B65D 47/00
(31) 1558997	A45D 1/06	B65D 47/42
(32) 24.09.2015	A45D 2/00	B65D 83/00
(33) France	(11) EP3142513	(11) EP3398475
(51) A44C 9/00	(21) EP15727697.3	(21) EP16881943.1
G06F 3/01		(47) 26.08.2020

(87) KR2016011876 06.07.2017	21.10.2015	(54) ORAL CARE APPARATUS
(22) 21.10.2016	(33) United States of America	(73) Omron Healthcare Co., Ltd.
(54) PUMPING-TYPE COSMETIC CONTAINER HAVING METAL APPLICATOR	United States of America	(72) IWAHORI, Toshiyuki
(73) YONWOO CO.,LTD	United States of America	(31) 2010021097
(72) SON, Su-Jin	United States of America	(32) 02.02.2010
KIM, Min-Goo	(51) A46B 3/06	(33) Japan
SEO, Jung-yeon	A46D 3/04	(51) A47B 88/00
(31) 20150187665	(11) EP3033966	(11) EP2866612
(32) 28.12.2015	(21) EP14199116.6	(21) EP13747950.7
(33) Korea (Republic)	(47) 26.08.2020	(47) 26.08.2020
(51) A45D 33/24	(22) 19.12.2014	(87) AT2013000108
A45D 34/00	(54) Brush and method for its production	09.01.2014
A45D 40/00	(73) M+C Schiffer GmbH	(22) 28.06.2013
(11) EP3207820	(72) Schmidt, Eric	(54) DRAWER
(21) EP15864036.7	(51) A46B 7/08	(73) Julius Blum GmbH
(47) 26.08.2020	A46B 9/02	(72) NETZER, Emanuel
(87) KR2015012476	A46B 11/06	GASSER, Ingo
02.06.2016	A46B 13/00	GRIMM, Matthias
(22) 19.11.2015	A46B 13/04	KAMPL, Markus
(54) COSMETIC COMPACT CONTAINER PROVIDED WITH DOME-SHAPED REFILL CONTAINER COVER	B05C 5/02	EINSLE, Verena
(73) Amorepacific Corporation	B05C 11/10	(31) 7342012
(72) KIM, Jun Young	B05C 17/005	(32) 02.07.2012
(31) 20140164120	(11) EP3155929	(33) Austria
(32) 24.11.2014	(21) EP16193731.3	(51) A47B 88/467
(33) Korea (Republic)	(47) 26.08.2020	A47B 88/477
(51) A45D 34/04	(22) 13.10.2016	(11) EP3434144
B65D 55/00	(54) APPLICATORS FOR DELIVERING GLUTINOUS SUBSTANCE TO WORKPIECE FROM END-EFFECTOR AND ASSOCIATED APPARATUSES, SYSTEMS, AND METHODS	(21) EP18184019.0
(11) EP3351139	(73) The Boeing Company	(47) 26.08.2020
(21) EP17181853.7	(72) PRINGLE, John W IV	(22) 17.07.2018
(47) 26.08.2020	TOMUTA, Raul	(54) SLIDE RAIL
(22) 18.07.2017	WEINMANN, Jake B	(73) Fulterer AG & Co KG
(54) STORAGE DEVICE AND APPLICATOR FOR LIQUIDS	BROWN, John J	(72) Bonat, Günter
(73) Novio Packaging Group	ERICKSON, Chris	(31) 3122017
(72) Schmidt, Jürgen	GUIRGUIS, Martin	(32) 27.07.2017
von Escher, Melanie	TREND, Don D	(33) Austria
Landauer, Harry	TOPF, Richard P	(51) A47B 91/02
(31) 202017100336 U	(31) 201562242216 P	(11) EP2653068
(32) 24.01.2017	201615253162	(21) EP13162252.4
(33) Germany	(32) 15.10.2015	(47) 26.08.2020
(51) A45D 40/00	31.08.2016	(22) 04.04.2013
A45D 40/18	(33) United States of America	(54) Perfected system with adjustable levelling feet for furniture
A61C 15/02	United States of America	(73) LEONARDO S.r.l.
(11) EP3273904	(51) A46B 9/02	(72) Cattaneo, Carlo
(21) EP16828160.8	A46B 13/02	(31) MI20120615
(47) 26.08.2020	(11) EP3165127	(32) 16.04.2012
(87) US2016024161	(21) EP16184357.8	(33) Italy
26.01.2017	(47) 26.08.2020	(51) A47C 1/025
(22) 25.03.2016	(22) 16.08.2016	B60N 2/22
(54) IMITATION LIPSTICK WITH CONCEALED TOOTH CLEANING IMPLEMENT	(54) ROTATING CLEANING BRUSH	B60N 2/235
(73) G and E International LLC	(73) Durchlaub, Thomas	B60N 2/90
(72) BRILLIANT, Margo	(72) Durchlaub, Thomas	(11) EP3208141
BRILLIANT, Jo, Anne	(31) 202015104378 U	(21) EP15851448.9
SCHWARTZ, Robert, M.	(32) 19.08.2015	(47) 26.08.2020
(31) 201562138649 P	(33) Germany	(87) JP2015079381
201562168417 P	(51) A46B 15/00	21.04.2016
201562207623 P	A61B 17/14	(22) 16.10.2015
201562244317 P	A61C 17/22	(54) ROTATING OPERATION CONTROL MECHANISM AND SEAT
(32) 26.03.2015	A61C 17/34	(73) Delta Tooling Co., Ltd.
29.05.2015	(11) EP2532270	(72) UMEZAKI, Kiyonori
20.08.2015	(21) EP11739634.1	INOUE, Katsuhiko
	(47) 26.08.2020	(31) 2014211639
	(87) JP2011051095	(32) 16.10.2014
	11.08.2011	(33) Japan
	(22) 21.01.2011	(51) A47C 17/86
		A61B 18/06

A61G 13/00	JONVILLE, Edouard	(22) 28.09.2017
A61G 13/04	(31) 15201483	(54) AUTONOMOUS APPARATUS
A61G 13/12	(32) 21.12.2015	FOR COOKING FOOD, AND
A61G 15/00	(33) European Patent Office (EPO)	CORRESPONDING METHOD
A61G 15/02	(51) A47G 5/00	(73) De' Longhi Appliances S.r.l. Con Unico
A61G 15/12	E06B 9/00	Socio
A61M 1/08	E06B 9/08	(72) DE' LONGHI, Giuseppe
A61N 1/36	E06B 9/40	MAZZON, Renzo
A61N 5/06	E06B 9/52	TREVISAN, Gianpaolo
(11) EP3305263	E06B 9/54	(31) 201600097483
(21) EP15894304.3	E06B 9/56	(32) 28.09.2016
(47) 26.08.2020	E06B 9/58	(33) Italy
(87) KR2015005557	E06B 9/62	(51) A47J 31/46
08.12.2016	(11) EP3175073	(11) EP3562360
(22) 03.06.2015	(21) EP15827378.9	(21) EP17817751.5
(54) INTEGRATED BED FOR ORIENTAL	(47) 26.08.2020	(47) 26.08.2020
MEDICINE THERAPY	(87) AU2015000436	(87) EP2017083661
(73) Korea Institute of Oriental Medicine	04.02.2016	05.07.2018
(72) RYU, Yeon Hee	(22) 27.07.2015	(22) 19.12.2017
PARK, Ji Eun	(54) A RETROFITABLE RETRACTABLE	(54) DEVICE FOR MAKING A BEVERAGE
KWON, O Sang	SCREEN SYSTEM	(73) Koninklijke Philips N.V.
(51) A47D 7/00	(73) Screen & Blind Technologies Pty Ltd	(72) NOORDHUIS, Joeke
A47D 13/06	(72) RIEMELMOSER, Concetta Antonina	(31) 16206965
(11) EP3487360	RIEMELMOSER, John	(32) 27.12.2016
(21) EP17748870.7	DOLEY, Kenneth Robert	(33) European Patent Office (EPO)
(47) 26.08.2020	SCHMICK, Mark Leslie	(51) A47J 31/46
(87) GB2017052170	(31) 2014902919	(11) EP3087881
01.02.2018	(32) 28.07.2014	(21) EP16167506.1
(22) 25.07.2017	(33) Australia	(47) 26.08.2020
(54) A COLLAPSIBLE COT	(51) A47G 29/14	(22) 28.04.2016
(73) Huggabubba Limited	A47G 29/20	(54) PUMPING DEVICE
(72) POWER, Sacha	E05B 73/00	(73) Sysko AG
POWER, Shane Richard	(11) EP3131444	(72) Wisskirchen, Michael
(31) 201612868	(21) EP15779842.2	Helbling, Norbert
201704961	(47) 26.08.2020	(31) 102015106793
(32) 25.07.2016	(87) US2015025194	(32) 30.04.2015
28.03.2017	22.10.2015	(33) Germany
(33) United Kingdom	(22) 09.04.2015	(51) A47J 36/24
United Kingdom	(54) PORTABLE AND DETACHABLE	H02K 49/10
(51) A47D 13/02	SYSTEM FOR SECURELY ACCEPTING	(11) EP3557738
(11) EP2872012	PARCELS AND DELIVERIES	(21) EP19160114.5
(21) EP13817022.0	(73) Sundaresan, Kumar	(47) 26.08.2020
(47) 26.08.2020	(72) Sundaresan, Kumar	(22) 28.02.2019
(87) SE2013050859	(31) 201461980644 P	(54) MAGNETIC TRANSMISSION SYSTEM,
16.01.2014	(32) 17.04.2014	WITH ASSOCIATED MAGNETIC DRIVE
(22) 03.07.2013	(33) United States of America	DEVICE AND BEVERAGE HEATING
(54) BABY CARRIER	(51) A47H 13/02	DEVICE EMPLOYING SUCH
(73) BabyBjörn AB	A47H 13/04	(73) Huiyang Allan Plastic & Electric
(72) ANDRÉN, Mårten	A47H 15/04	Industries Co., Limited
VEJBRINK, Ulrika	(11) EP3358994	(72) Cheung, Shu Sang
THALÉN, David	(21) EP16852184.7	Pang, To Yin
DE BRUIN LYCKMAN, Kim	(47) 26.08.2020	(31) 201810352782
(31) 1250817	(87) SE2016050921	(32) 19.04.2018
(32) 12.07.2012	06.04.2017	(33) China
(33) Sweden	(22) 29.09.2016	(51) A47J 37/06
(51) A47F 3/04	(54) MONOLITHIC RELEASING SLIDER	(11) EP3435825
E06B 3/673	(73) Innovation Skåne AB	(21) EP17718109.6
(11) EP3393308	(72) BRITZ, Torbjörn	(47) 26.08.2020
(21) EP16825732.7	(31) 1551248	(87) FR2017050734
(47) 26.08.2020	(32) 30.09.2015	09.11.2017
(87) EP2016082042	(33) Sweden	(22) 30.03.2017
29.06.2017	(51) A47J 27/00	(54) HOT-AIR COOKER
(22) 20.12.2016	A47J 37/06	(73) SEB S.A.
(54) INSULATING GLASS ELEMENT FOR A	(11) EP3518714	(72) GANGLIN, Chen
REFRIGERATED CABINET	(21) EP1772732.8	YONGZHU, Lu
(73) SAINT-GOBAIN GLASS FRANCE	(47) 26.08.2020	CHENG, Lin
(72) SCHREIBER, Walter	(87) EP2017074628	(31) 201620270787 U
KUSTER, Hans-Werner	05.04.2018	(32) 31.03.2016

(33) China	(11) EP2146610	Hillman, Henry
(51) A47J 37/07	(21) EP08787898.9	Huang, Victor Chi-Chih
(11) EP3375335	(47) 26.08.2020	(31) 201113085166
(21) EP18160860.5	(87) FR2008000459	(32) 12.04.2011
(47) 26.08.2020	27.11.2008	(33) United States of America
(22) 09.03.2018	(22) 03.04.2008	(51) A47L 13/00
(54) BARBECUE GRILL WITH A TEMPERATURE HOMOGENIZATION, PROTECTION, AND GREASE GUIDE STRUCTURE	(54) ROLL OF ABSORBING PRODUCT SHEETS OF THE TOILET PAPER TYPE	B08B 1/00
(73) Grand Hall Enterprise Co., Ltd.	(73) Essity Operations France	B08B 7/04
(72) Home, William	(72) BARREDO, Donald	G09F 15/00
(31) 201720240202 U	(31) 0702685	E01F 9/688
(32) 13.03.2017	(32) 13.04.2007	(11) EP3534767
(33) China	(33) France	(21) EP17797590.1
(51) A47J 37/07	(51) A47K 10/16	(47) 26.08.2020
F24C 15/18	B31F 1/07	(87) EP2017077917
(11) EP2941160	D21H 25/00	11.05.2018
(21) EP13866355.4	(11) EP3277143	(22) 31.10.2017
(47) 26.08.2020	(21) EP15887974.2	(54) ABSORPTION, SIGNALING AND COLLECTION OF A POTENTIALLY HARMFULL PRODUCT
(87) US2013076030	(47) 26.08.2020	(73) Hg3 S.a.r.l.
26.06.2014	(87) US2015023476	(72) BIGATA, Eric
(22) 18.12.2013	06.10.2016	BLOMET, Joël
(54) HIGH EFFICIENCY WIND RESISTANT KETTLE GRILL	(22) 31.03.2015	(31) 1660674
(73) W.C. Bradley Co.	(54) SMOOTH AND BULKY ROLLED TISSUE PRODUCTS	(32) 04.11.2016
(72) AHMED, Mallik	(73) Kimberly-Clark Worldwide, Inc.	(33) France
ROBERTS, Bruce	(72) SLAYTON, Donald, John	(51) A47L 15/00
(31) 201261739135 P	NELSON, Samuel, August	(11) EP3160321
(32) 19.12.2012	(51) A47L 9/28	(21) EP15726162.9
(33) United States of America	(11) EP3001940	(47) 26.08.2020
(51) A47J 43/04	(21) EP15187700.8	(87) EP2015062315
A47J 43/044	(47) 26.08.2020	30.12.2015
A47J 43/046	(22) 30.09.2015	(22) 03.06.2015
(11) EP3253267	(54) VACUUM CLEANER	(54) WATER-BEARING DOMESTIC APPLIANCE
(21) EP16747288.5	(73) LG Electronics Inc.	(73) BSH Hausgeräte GmbH
(47) 26.08.2020	(72) LEE, Changhoon	(72) FAUTH, Michael
(87) US2016016624	SON, Kuyoung	KRÄNZLE, Bernd
11.08.2016	(31) 20140132547	(31) 102014212294
(22) 04.02.2016	(32) 01.10.2014	(32) 26.06.2014
(54) BLENDER WITH REMOVABLE SPINDLE AND MONITORED RESERVOIR	(33) Korea (Republic)	(33) Germany
(73) F'REAL FOODS, L.L.C.	(51) A47L 9/28	(51) A47L 15/00
(72) GARDNER, Clayton G.	(11) EP3000373	A47L 15/14
VOGES, Jens P.	(21) EP15187412.0	A47L 15/18
LAU, Shek Fai	(47) 26.08.2020	A47L 15/23
GEPPERT, Andrew	(22) 29.09.2015	A47L 15/42
(31) 201562112116 P	(54) VACUUM CLEANER	(11) EP3254601
(32) 04.02.2015	(73) LG Electronics Inc.	(21) EP17174954.2
(33) United States of America	(72) LEE, Changhoon	(47) 26.08.2020
(51) A47J 43/044	HAN, Seonghoon	(22) 08.06.2017
A47J 43/06	HA, Gunho	(54) DISHWASHER
(11) EP3107436	(31) 20140129989	(73) Samsung Electronics Co., Ltd.
(21) EP15752343.2	(32) 29.09.2014	(72) Buesing, Johannes
(47) 26.08.2020	(33) Korea (Republic)	Yoo, Seung Wan
(87) AU2015000090	(51) A47L 11/40	(31) 20160071064
27.08.2015	B08B 3/00	(32) 08.06.2016
(22) 19.02.2015	B08B 3/02	(33) Korea (Republic)
(54) HAND MIXER	B08B 3/14	(51) A47L 15/00
(73) Breville Pty Limited	(11) EP2987565	A47L 15/42
(72) HOARE, Richard	(21) EP15187771.9	(11) EP3524125
RYAN, Garth	(47) 26.08.2020	(21) EP19152611.0
(31) 2014900531	(22) 12.04.2012	(47) 26.08.2020
(32) 19.02.2014	(54) CLEANING METHOD AND DEVICE WITH SINGLE TANK RECYCLING SYSTEM	(22) 18.01.2019
(33) Australia	(73) Diversey, Inc.	(54) METHOD FOR AUTOMATICALLY EVALUATING THE PRESENCE OF FOAM IN A DISHWASHING MACHINE
(51) A47K 10/16	(72) Balas, Stephen	(73) Candy S.p.A.
	Herr, Stephen	(72) Fumagalli, Aldo
	McCann, Ralph	(31) 201800001818
	Thomas, Kevin	

(32) 25.01.2018	(54) HARD-TUBE ENDOSCOPE	(21) EP16793573.3
(33) Italy	(73) Shanghai Anqing Medical Instrument Co. Ltd.	(47) 26.08.2020
(51) A47L 15/42	(72) ZHOU, Zhenhua	(87) US2016032223
(11) EP3294105	YUAN, Zheng	17.11.2016
(21) EP16857810.2	(31) 201520271895 U	(22) 12.05.2016
(47) 26.08.2020	(32) 29.04.2015	(54) DEVICES FOR ACQUIRING MEDICAL
(87) KR2016011883	(33) China	DIAGNOSTIC INFORMATION AND
27.04.2017	(51) A61B 1/00	PROVISION OF TELEHEALTH
(22) 21.10.2016	(11) EP2160129	SERVICES
(54) DISH WASHING MACHINE INCLUDING DISTRIBUTOR	(21) EP08767807.4	(73) Zipline Health, Inc.
(73) Samsung Electronics Co., Ltd.	(47) 26.08.2020	(72) Boucher, Ryan
(72) BUESING, Johannes	(87) US2008006385	Nelson, Lionel
YOO, Soo Hyung	27.11.2008	(31) 201562160468 P
YANG, Ji Sun	(22) 19.05.2008	(32) 12.05.2015
(31) 20150146848	(54) ROTATE-TO-ADVANCE	(33) United States of America
(32) 21.10.2015	CATHETERIZATION SYSTEM	(51) A61B 1/005
(33) Korea (Republic)	(73) Spirus Medical Inc.	(11) EP2629656
(51) A47L 15/42	(72) FRASSICA, James, J.	(21) EP11835290.5
B01J 37/02	AILINGER, Robert, E.	(47) 26.08.2020
D06F 35/00	(31) 930729 P	(87) US2011057537
(11) EP3459423	(32) 18.05.2007	26.04.2012
(21) EP17382627.2	(33) United States of America	(22) 24.10.2011
(47) 26.08.2020	(51) A61B 1/00	(54) ROTATE-TO-ADVANCE
(22) 20.09.2017	A61B 1/002	CATHETERIZATION SYSTEM
(54) HOUSEHOLD APPLIANCE WITH AN ANCHORED POLYOXOMETALATE CONTAINING COMPONENT PART, PROCESS FOR THE MANUFACTURE OF AN ANCHORED POLYOXOMETALATE AND PROCESSES FOR THE MANUFACTURE OF THE COMPONENT PART	A61B 1/04	(73) Olympus Endo Technology America Inc.
	G02B 13/00	(72) FRASSICA, James, J.
	G02B 23/24	AILINGER, Robert, E.
	G02B 26/08	(31) 405933 P
	(11) EP3376273	201113100098
	(21) EP18161704.4	(32) 22.10.2010
	(47) 26.08.2020	03.05.2011
	(22) 14.03.2018	(33) United States of America
	(54) IMAGE RELAYING DEVICE AND IMAGE DETECTING DEVICE	United States of America
(73) BSH Hausgeräte GmbH	(73) Karl Storz SE & Co. KG	(51) A61B 1/018
BSH Electrodomésticos España, S.A.	(72) Kupferschmid, Markus	A61B 1/303
(72) Anadon Bayo, Andrés	Ulmschneider, Daniel	A61B 17/3205
Artal Lahoz, María Carmen	Heni, Andreas	A61B 17/42
Bischof, Andreas	Natusch, Lawrence	A61B 17/94
Buñuel Magdalena, Miguel Angel	(31) 102017105354	A61M 31/00
Cruz Cordoba, Julio	(32) 14.03.2017	(11) EP3360492
Gracia Marcen, Laura	(33) Germany	(21) EP18162238.2
Lazaro Villarroya, Guillermo Alberto	(51) A61B 1/00	(47) 26.08.2020
Martinez Solanas, Elena	A61B 1/018	(22) 22.01.2013
Nocito de Miguel, Sergio	A61B 1/32	(54) MEDICAL DEVICE AND METHODS
Sanz Naval, Javier	A61M 25/00	(73) Boston Scientific Scimed, Inc.
Tornos Portero, Sandra	(11) EP3457908	(72) GERMAIN, Aaron
	(21) EP17768336.4	TRUCKAI, Csaba
	(47) 26.08.2020	(31) 201261589168 P
	(87) US2017050685	201261635803 P
	05.04.2018	201261659312 P
	(22) 08.09.2017	(32) 20.01.2012
(54) COOKING DEVICE WITH OPERATING DEVICE	(54) SYSTEM FOR A MINIMALLY-INVASIVE, OPERATIVE GASTROINTESTINAL TREATMENT	19.04.2012
(73) BSH Hausgeräte GmbH	(73) Boston Scientific Scimed, Inc.	13.06.2012
(72) Wilsdorf, Gerd	(72) PISKUN, Gregory	(33) United States of America
(31) 102007031885	(31) 201615261930	United States of America
(32) 09.07.2007	(32) 10.09.2016	United States of America
(33) Germany	(33) United States of America	(51) A61B 1/018
(51) A61B 1/00	(51) A61B 1/00	A61B 17/00
(11) EP3289955	A61B 1/227	A61M 25/098
(21) EP16785811.7	G16H 30/20	A61M 25/10
(47) 26.08.2020	G16H 40/67	(11) EP3329959
(87) CN2016078125	G16H 50/20	(21) EP16830123.2
03.11.2016	G16H 80/00	(47) 26.08.2020
(22) 31.03.2016	(11) EP3294106	(87) JP2016063985
		02.02.2017
		(22) 11.05.2016
		(54) TREATMENT INSTRUMENT FOR ENDOSCOPE

(73) Olympus Corporation	(54) METHOD FOR ASSESSING FUNCTION OF THE VISUAL SYSTEM AND APPARATUS THEREOF	(32) 26.02.2009
(72) ONISHI Koji		(33) Germany
MIYAKE Koji	(73) Ocuspecto OY	(51) A61B 3/10
FUKUSHIMA Norichika	(72) LEINONEN, Markku	A61B 3/11
YUASA Masaru	MÄNTYSALO, Tapio	A61B 3/14
(31) 2015148480	(31) 20125256	G01J 1/60
(32) 28.07.2015	201261608773 P	G02B 27/01
(33) Japan	(32) 09.03.2012	G06K 9/80
(51) A61B 1/07	09.03.2012	G06F 21/32
A61B 5/00	(33) Finland	(11) EP3362946
A61B 5/02	United States of America	(21) EP16856097.7
A61B 5/107	(51) A61B 3/00	(47) 26.08.2020
G01N 21/47	A61B 3/10	(87) US2016056602
G02B 6/26	A61B 3/12	20.04.2017
(11) EP3010389	A61B 3/14	(22) 12.10.2016
(21) EP14813002.4	G06T 1/00	(54) EYE POSE IDENTIFICATION USING EYE FEATURES
(47) 26.08.2020	G06T 7/00	(73) Magic Leap, Inc.
(87) US2014043276	(11) EP2821006	(72) KAEHLER, Adrian
24.12.2014	(21) EP12869703.4	KLUG, Michael Anthony
(22) 19.06.2014	(47) 26.08.2020	AMAYEH, Gholamreza
(54) OMNI-DIRECTIONAL VIEWING APPARATUS AND METHOD	(87) JP2012071544	(31) 201562242838 P
(73) The General Hospital Corporation	06.09.2013	(32) 16.10.2015
Canon U.S.A., Inc.	(22) 27.08.2012	(33) United States of America
(72) HOSODA, Masaki	(54) FUNDUSCOPIC DEVICE	(51) A61B 3/10
NADKARNI, Seemantini	(73) Kabushiki Kaisha Topcon	A61B 5/1455
MILEN, Shishkov	(72) KUBOTA, Atsushi	(11) EP2525705
(31) 201361836716 P	ONO, Yusuke	(21) EP11701559.4
201361905893 P	TSURI, Shigetaka	(47) 26.08.2020
201461934518 P	(31) 2012041517	(87) GB2011050087
201461934454 P	2012103942	28.07.2011
(32) 19.06.2013	(32) 28.02.2012	(22) 19.01.2011
19.11.2013	27.04.2012	(54) NON-INVASIVE SPECTROPHOTOMETER AND RELATED METHOD
31.01.2014	(33) Japan	(73) Glynn, Christopher
31.01.2014	Japan	(72) Glynn, Christopher
(33) United States of America	(51) A61B 3/00	(31) 201000973
United States of America	A61F 2/16	(32) 21.01.2010
United States of America	(11) EP2651333	(33) United Kingdom
United States of America	(21) EP11810717.6	(51) A61B 5/00
(51) A61B 3/00	(47) 26.08.2020	A61B 5/02
A61B 3/02	(87) US2011064914	A61B 5/08
A61B 3/032	21.06.2012	A61B 5/087
(11) EP3282924	(22) 14.12.2011	A61B 5/097
(21) EP16722732.1	(54) APPARATUS, SYSTEM, AND METHOD FOR INTRAOCULAR LENS POWER CALCULATION USING A REGRESSION FORMULA INCORPORATING CORNEAL SPHERICAL ABERRATION	H01L 35/28
(47) 26.08.2020	(73) AMO Groningen B.V.	(11) EP2874537
(87) US2016028087	(72) CANOVAS VIDAL, Carmen	(21) EP13822805.1
20.10.2016	ARTAL, Pablo	(47) 26.08.2020
(22) 18.04.2016	(31) 969060	(87) US2013049511
(54) ASSESSMENT OF LOW CONTRAST VISUAL SENSITIVITY	(32) 15.12.2010	30.01.2014
(73) The Cleveland Clinic Foundation	(33) United States of America	(22) 08.07.2013
(72) ALBERTS, Jay L.	(51) A61B 3/10	(54) RESPIRATION MONITORING SYSTEM AND METHOD
BERMEL, Robert	A61B 3/11	(73) Linshom Management, LLC
RAO, Stephen	A61B 3/113	(72) FELDMAN, Doron
SCHINDLER, David D.	(11) EP3243428	LERMAN, Jerrold
(31) 201562149380 P	(21) EP17178300.4	FELDMAN, Ronen
(32) 17.04.2015	(47) 26.08.2020	MOSER, John
(33) United States of America	(22) 04.02.2010	FELDMAN, Uri
(51) A61B 3/00	(54) METHOD AND DEVICE FOR PRESCRIBING A SPECTACLE LENS	(31) 201213553070
A61B 3/024	(73) Carl Zeiss Vision GmbH	(32) 19.07.2012
A61B 5/16	(72) Kratzer, Timo	(33) United States of America
(11) EP2827758	Cabeza-Guillén, Jesús-Miguel	(51) A61B 5/00
(21) EP13717533.7	Kelch, Gerhard	A61B 5/0215
(47) 26.08.2020	(31) 102009010467	A61M 25/09
(87) FI2013050266		(11) EP3282927
12.09.2013		(21) EP16713425.3
(22) 11.03.2013		

(47) 26.08.2020	SUMITOMO, Koji	(72) Gencer, Nevzat Guneri
(87) EP2016056987	NAKASHIMA, Hiroshi	Zengin, Reyhan
20.10.2016	SATO, Masanobu	(51) A61B 5/00
(22) 31.03.2016	ARAKANE, Toru	A61B 5/145
(54) INTRAVASCULAR DEVICES AND	HAMANO, Yuri	(11) EP2043507
METHODS HAVING A POLYMER	TAKEDA, Keiji	(21) EP07787750.4
JACKET FORMED AROUND	NAGAI, Noriko	(47) 26.08.2020
COMMUNICATION LINES WRAPPED	TESHIGAWARA, Takashi	(87) EP2007057495
AROUND A CORE MEMBER	(31) 2015137288	24.01.2008
(73) Volcano Corporation	(32) 08.07.2015	(22) 19.07.2007
Koninklijke Philips N.V.	(33) Japan	(54) MOBILE APPARATUS, METHOD AND
(72) BURKETT, David	(51) A61B 5/00	SYSTEM FOR PROCESSING BLOOD
HENDERSON, Eric	A61B 5/042	SUGAR AFFECTING FACTORS
(31) 201562147283 P	A61B 6/00	(73) Cross Technology Solutions AB
16158640	(11) EP3319521	(72) BERGWIST, Thomas
(32) 14.04.2015	(21) EP16736505.5	SIIOUSTIS, George
04.03.2016	(47) 26.08.2020	(31) 0601580
(33) United States of America	(87) EP2016066424	(32) 19.07.2006
European Patent Office (EPO)	12.01.2017	(33) Sweden
(51) A61B 5/00	(22) 11.07.2016	(51) A61B 5/00
A61B 5/04	(54) SYSTEM FOR VISUALIZING HEART	A61B 5/16
A61B 5/048	ACTIVATION	G06F 3/01
A61M 21/00	(73) Peacs Investments B.V.	G06K 9/00
A61M 21/02	(72) VAN DAM, Peter Michael	(11) EP3410258
(11) EP3052174	VAN DAM, Eelco Mattias	(21) EP18166575.3
(21) EP14792875.8	(31) 201514795670	(47) 26.08.2020
(47) 26.08.2020	(32) 09.07.2015	(22) 10.04.2018
(87) IB2014064650	(33) United States of America	(54) METHOD FOR PUSHING PICTURE,
09.04.2015	(51) A61B 5/00	MOBILE TERMINAL AND STORAGE
(22) 19.09.2014	A61B 5/042	MEDIUM
(54) SYSTEM FOR DETERMINING TIMING	A61N 1/372	(73) GUANGDONG OPPO MOBILE
OF SENSORY STIMULATION DURING	A61N 1/375	TELECOMMUNICATIONS CORP., LTD.
SLEEP	A61N 1/378	(72) BAI, Jian
(73) Koninklijke Philips N.V.	H01M 2/02	(31) 201710401789
(72) GARCIA MOLINA, Gary Nelson	H01M 10/04	(32) 31.05.2017
(31) 201361886277 P	(11) EP3515553	(33) China
(32) 03.10.2013	(21) EP17768939.5	(51) A61B 5/00
(33) United States of America	(47) 26.08.2020	A61B 8/00
(51) A61B 5/00	(87) US2017050745	A61B 8/08
A61B 5/04	29.03.2018	A61B 10/00
A61N 1/36	(22) 08.09.2017	G01N 21/17
(11) EP3203904	(54) LEADLESS STIMULATION DEVICE	G01N 21/47
(21) EP15849401.3	WITH A HOUSING THAT HOUSES	(11) EP2786709
(47) 26.08.2020	INTERNAL COMPONENTS OF THE	(21) EP12853044.1
(87) US2015054007	LEADLESS STIMULATION DEVICE	(47) 26.08.2020
14.04.2016	AND FUNCTIONS AS THE BATTERY	(87) JP2012079120
(22) 05.10.2015	CASE AND A TERMINAL OF AN	06.06.2013
(54) ADAPTIVE COGNITIVE PROSTHETIC	INTERNAL BATTERY	(22) 09.11.2012
AND APPLICATIONS THEREOF	(73) Cardiac Pacemakers, Inc.	(54) MAMMOGRAPHY DEVICE
(73) The Trustees of Princeton University	(72) LINDER, William J.	(73) Hamamatsu Photonics K.K.
(72) BUSCHMAN, Tim	MAILE, Keith R.	(72) SUZUKI Toshihiko
(31) 201462060534 P	(31) 201662397882 P	YAMASHITA Yutaka
(32) 06.10.2014	(32) 21.09.2016	UEDA Yukio
(33) United States of America	(33) United States of America	YAMAKI Etsuko
(51) A61B 5/00	(51) A61B 5/00	YAMASHITA Daisuke
A61B 5/0408	A61B 5/053	YOSHIMOTO Kenji
(11) EP3298960	A61B 8/00	SAKAHARA Harumi
(21) EP16821484.9	(11) EP3021757	OGURA Hiroyuki
(47) 26.08.2020	(21) EP13771245.1	NASU Hatsuko
(87) JP2016070267	(47) 26.08.2020	(31) 2011264891
12.01.2017	(87) TR2013000225	(32) 02.12.2011
(22) 08.07.2016	22.01.2015	(33) Japan
(54) WEARABLE ELECTRODE	(22) 17.07.2013	(51) A61B 5/00
(73) Toray Industries, Inc.	(54) MULTIFREQUENCY ELECTRICAL	A61M 5/142
Nippon Telegraph and Telephone	IMPEDANCE IMAGING USING	(11) EP3068290
Corporation	LORENTZ FIELDS	(21) EP14862178.2
(72) TSUKADA, Shingo	(73) Gencer, Nevzat Guneri	(47) 26.08.2020
KASAI, Nahoko	Zengin, Reyhan	(87) US2014062991



21.05.2015	(51) A61B 5/00	(32) 28.03.2016
(22) 29.10.2014	G01N 33/74	(33) United States of America
(54) GLUCOSE RATE INCREASE DETECTOR: A MEAL DETECTION MODULE FOR THE HEALTH MONITORING SYSTEM	(11) EP3363347	(51) A61B 5/0225
(73) The Regents of the University of California	(21) EP16854695.0	A61B 5/0235
(72) DOYLE III, Francis J. HARVEY, Rebecca DASSAU, Eyal ZISSER, Howard	(47) 26.08.2020	F16K 31/06
(31) 201361903965 P	(87) CL2016050056	(11) EP3286466
(32) 14.11.2013	20.04.2017	(21) EP16783677.4
(33) United States of America	(22) 14.10.2016	(47) 26.08.2020
(51) A61B 5/00	(54) EARLY DETECTION OF ACUTE KIDNEY INJURY IN CRITICAL PATIENTS, USING FIBROBLAST GROWTH FACTOR 23, KLOTTH AND ERYTHROPOIETIN AS BIOMARKERS	(87) US2016028251
A61N 1/05	(73) Universidad De Chile	27.10.2016
A61N 1/36	(72) TORO CABRERA, Luis Alejandro	(22) 19.04.2016
A61N 1/362	MICHEA ACEVEDO, Luis Fernando	(54) SYSTEM AND METHOD FOR CONTROLLING A VALVE OF A PORTABLE MEDICAL DEVICE
A61N 1/372	(31) 20153047	(73) General Electric Company
A61N 1/378	(32) 15.10.2015	(72) PEKANDER, Otto Valtteri
H01F 38/14	(33) Chile	(31) 201506738
A61F 2/915	(51) A61B 5/00	(32) 21.04.2015
H02J 5/00	H04L 7/02	(33) United Kingdom
H02J 7/02	(11) EP2772000	(51) A61B 5/04
(11) EP3277371	(21) EP12806134.8	A61B 5/0408
(21) EP16719931.4	(47) 26.08.2020	(11) EP2906111
(47) 26.08.2020	(87) IB2012055877	(21) EP13845495.4
(87) IL2016050338	02.05.2013	(47) 26.08.2020
06.10.2016	(22) 25.10.2012	(87) US2013064595
(22) 30.03.2016	(54) DATA COMMUNICATION WITH INTERVENTIONAL INSTRUMENTS	17.04.2014
(54) ANTENNA FOR USE WITH AN INTRAVASCULAR DEVICE	(73) Koninklijke Philips N.V.	(22) 11.10.2013
(73) Enopace Biomedical Ltd.	(72) VAN RENS, Antonia, Cornelia JOYE, Neil, Francis MARCELIS, Bout	(54) MEDICAL AMPLIFIER ISOLATION
(72) DAGAN, Amir	(31) 201161552627 P	(73) CardiInsight Technologies, Inc.
GINDIN, Igor	(32) 28.10.2011	(72) BIEL, Arkadiusz WODLINGER, Harold FINE, Richard, M.
FICHMAN, Mark	(33) United States of America	(31) 201261713022 P
KATZ, Yoav	(51) A61B 5/01	(32) 12.10.2012
LIPPERMAN, Fabian	(11) EP3468460	(33) United States of America
PELEG, Nadav	(21) EP16904894.9	(51) A61B 5/0408
ARIAV, Gal	(47) 26.08.2020	B29C 45/14
(31) 201562140141 P	(87) CN2016085490	(11) EP3393746
(32) 30.03.2015	21.12.2017	(21) EP16816791.4
(33) United States of America	(22) 12.06.2016	(47) 26.08.2020
(51) A61B 5/00	(54) METHOD AND APPARATUS FOR ESTIMATING A BODY TEMPERATURE	(87) US2016063956
C07K 14/705	(73) Nokia Technologies Oy	29.06.2017
C12N 15/09	(72) LAN, Peng	(22) 29.11.2016
C12Q 1/06	LIANG, Yuyang	(54) ONE-PIECE SENSOR FOR A BIOELECTRODE AND PROCESSES FOR PRODUCTION
G01N 33/15	(51) A61B 5/021	(73) 3M Innovative Properties Company
G01N 33/53	A61B 5/022	(72) DERRY, Cameron E. TRYPHONOPOULOS, John P.
G01N 33/566	A61B 17/00	(31) 201562270649 P
(11) EP3305898	(11) EP3435886	(32) 22.12.2015
(21) EP16803223.3	(21) EP17776451.1	(33) United States of America
(47) 26.08.2020	(47) 26.08.2020	(51) A61B 5/042
(87) JP2016065656	(87) US2017024524	A61B 5/044
08.12.2016	05.10.2017	(11) EP3261531
(22) 27.05.2016	(22) 28.03.2017	(21) EP16725288.1
(54) METHOD FOR SELECTING ODOR- CONTROLLING SUBSTANCE	(54) TOURNIQUET AND METHOD THEREOF HAVING COMPLIANCE LOGGING FEATURE, AND A SYSTEM THEREOF	(47) 26.08.2020
(73) Kao Corporation	(73) Lynch, Patrick James	(87) US2016031108
(72) YOSHIKAWA, Keiichi	Gililand, Trevor Alan	17.11.2016
SAITO, Naoko	Gielen, James Ryan	(22) 06.05.2016
(31) 2015110390	(72) Lynch, Patrick James	(54) SYSTEM AND METHOD FOR REAL- TIME ELECTROPHYSIOLOGICAL MAPPING
2016096146	Gililand, Trevor Alan	(73) St. Jude Medical, Cardiology Division, Inc.
(32) 29.05.2015	Gielen, James Ryan	(72) ERDEMIR, Erhan LI, Wenwen PAPPONE, Carlo
12.05.2016	(31) 201615082865	
(33) Japan		
Japan		

(31) 201562158578 P	A61B 17/00	A61B 34/10
(32) 08.05.2015	A61B 17/17	(11) EP3120275
(33) United States of America	A61B 34/20	(21) EP15765035.9
(51) A61B 5/0452	A61B 34/30	(47) 26.08.2020
A61N 1/368	A61B 34/32	(87) US2015021429
A61N 1/37	A61B 90/00	24.09.2015
(11) EP3389770	A61B 90/96	(22) 19.03.2015
(21) EP16823179.3	A61B 90/98	(54) SYSTEM FOR LIGAMENT INSERTION
(47) 26.08.2020	(11) EP3479791	IN KNEE JOINT SURGERIES USING
(87) EP2016080880	(21) EP18209781.6	ADAPTIVE MIGRATION OF LIGAMENT
22.06.2017	(47) 26.08.2020	INSERTION GEOMETRY
(22) 14.12.2016	(22) 12.05.2017	(73) Advanced Mechanical Technology, Inc.
(54) ACTIVE IMPLANTABLE MEDICAL	(54) SURGICAL ROBOTIC AUTOMATION	(72) WHITE, Bruce, F.
DEVICE SUCH AS A CARDIAC	WITH TRACKING MARKERS	D'LIMA, Darryl
RESYNCHRONISER WITH DYNAMIC	(73) Globus Medical, Inc.	(31) 201461955446 P
ADAPTATION OF ATRIOVENTRICULAR	(72) CRAWFORD, Neil R.	201514661190
DELAY DEPENDING ON A DETECTED	CICCHINI, Stephen	(32) 19.03.2014
AND QUANTIFIED DEGREE OF	JOHNSON, Norbert	18.03.2015
FUSION	(31) 201615157444	(33) United States of America
(73) Sorin CRM SAS	(32) 18.05.2016	United States of America
(72) MILPIED, Paola	(33) United States of America	(51) A61B 5/1455
FEUERSTEIN, Delphine	(51) A61B 5/087	G01N 33/49
(31) 1562739	(11) EP2260762	G01N 33/72
(32) 18.12.2015	(21) EP10163967.2	(11) EP2721418
(33) France	(47) 26.08.2020	(21) EP12729522.8
(51) A61B 5/0464	(22) 26.05.2010	(47) 26.08.2020
A61N 1/39	(54) Devices for the detection of hypopnoea	(87) EP2012061532
(11) EP3448512	(73) ResMed Pty Ltd	20.12.2012
(21) EP17716722.8	(72) Armistead, Jeffrey Peter	(22) 15.06.2012
(47) 26.08.2020	(31) 184592 P	(54) METHOD FOR DETERMINING A
(87) US2017024668	(32) 05.06.2009	PLASMA VOLUME VARIATION AND
02.11.2017	(33) United States of America	DEVICES FOR IMPLEMENTING THE
(22) 29.03.2017	(51) A61B 5/103	METHOD
(54) SYSTEM FOR SENSING AND	(11) EP2593009	(73) Université de Lorraine
DETECTION IN AN EXTRA-	(21) EP11743346.6	INSERM (Institut National de la Santé et
CARDIOVASCULAR IMPLANTABLE	(47) 26.08.2020	de la Recherche Médicale)
CARDIOVERTER DEFIBRILLATOR	(87) IB2011052269	Centre Hospitalier Et Universitaire De
(73) Medtronic Inc.	19.01.2012	Nancy (CHU)
(72) ZHANG, Xusheng	(22) 25.05.2011	(72) ZANNAD, Faiez
CAO, Jian	(54) SYSTEM AND METHOD FOR 3D GAIT	ROSSIGNOL, Patrick
GREENHUT, Saul E.	ASSESSMENT	(31) 11305764
STADLER, Robert W.	(73) ECOLE POLYTECHNIQUE FEDERALE	(32) 17.06.2011
(31) 201662328407 P	DE LAUSANNE (EPFL)	(33) European Patent Office (EPO)
201615140802	(72) MARIANI, Benoît	(51) A61B 5/1491
(32) 27.04.2016	AMINIAN, Kamiar	(11) EP2437663
28.04.2016	(31) PCT/IB2010/053211	(21) EP10723938.6
(33) United States of America	(32) 14.07.2010	(47) 26.08.2020
United States of America	(33) World Intellectual Property Office (WIPO)	(87) EP2010003361
(51) A61B 5/0484	(51) A61B 5/107	09.12.2010
G06F 3/01	A61B 5/11	(22) 02.06.2010
(11) EP2950713	A61C 19/045	(54) TEMPERATURE ESTIMATIONS IN
(21) EP14706105.5	G01B 3/04	A BLOOD GLUCOSE MEASURING
(47) 26.08.2020	(11) EP3040049	DEVICE
(87) IB2014058635	(21) EP14840885.9	(73) F.Hoffmann-La Roche AG
07.08.2014	(47) 26.08.2020	(72) RAMEY, Blaine, Edward
(22) 29.01.2014	(87) JP2014072764	BROWN, Michael, L.
(54) METHOD FOR LOCATING A BRAIN	05.03.2015	PAULEY, JR., James, L.
ACTIVITY, IN PARTICULAR FOR	(22) 29.08.2014	(31) 479212
DIRECT NEURAL CONTROL	(54) OPENING MEASUREMENT	(32) 05.06.2009
(73) Commissariat à l'Énergie Atomique et	INSTRUMENT	(33) United States of America
aux Énergies Alternatives	(73) National University Corporation Tokyo	(51) A61B 5/15
(72) AKSENOVA, Tetiana	Medical and Dental University	A61B 5/151
LABYT, Etienne	(72) YOSHITAKE, Hiroyuki	A61B 5/157
MISHCHENKO, Ales	(31) 2013180390	A61M 1/34
(31) 1350783	(32) 30.08.2013	A61M 1/36
(32) 30.01.2013	(33) Japan	B01L 3/00
(33) France	(51) A61B 5/11	G01N 1/40
(51) A61B 5/06	A61B 17/17	G01N 33/49

G01N 33/50	Centre National de la Recherche Scientifique (CNRS)	(73) ClearPoint Neuro, Inc.
(11) EP2986383		(72) PIFERI, Peter
(21) EP14723274.8	(72) PADOY, Nicolas	PANDEY, Rajesh
(47) 26.08.2020	LOY RODAS, Nicolas	DALY, Maxwell Jerad
(87) US2014033934	DE MATHELIN, Michel	JENKINS, Kimble L.
23.10.2014	BERT, Julien	(31) 201361891661 P
(22) 14.04.2014	VISVIKIS, Dimitris	(32) 16.10.2013
(54) BIOLOGICAL FLUID SEPARATION DEVICE AND BIOLOGICAL FLUID SEPARATION AND TESTING SYSTEM	(51) A61B 6/00	(33) United States of America
(73) Becton, Dickinson and Company	A61B 6/12	(51) A61B 8/00
(72) FLETCHER, Gary, D.	(11) EP3590427	A61B 8/06
CRAWFORD, Jamieson, W.	(21) EP18181684.4	A61B 8/08
MARCHIARULLO, Daniel, J.	(47) 26.08.2020	(11) EP3393365
(31) 201361811918 P	(22) 04.07.2018	(21) EP16825757.4
(32) 15.04.2013	(54) METHOD FOR DETERMINING A SUITABLE ANGULATION AND DEVICE	(47) 26.08.2020
(33) United States of America	(73) Siemens Healthcare GmbH	(87) EP2016082395
(51) A61B 5/15	(72) Bittner, Maik	29.06.2017
A61B 5/151	(72) Bittner, Maik	(22) 22.12.2016
A61B 5/157	(51) A61B 6/00	(54) MULTI-SITE CONTINUOUS ULTRASOUND FLOW MEASUREMENT FOR HEMODYNAMIC MANAGEMENT
G01N 1/28	H01F 38/18	(73) Koninklijke Philips N.V.
G01N 33/49	H04B 5/00	(72) XU, Minnan
(11) EP3416556	H02J 5/00	RAJU, Balasundar, Iyyavu
(21) EP17753894.9	H02J 50/10	ANAND, Ajay
(47) 26.08.2020	(11) EP2954844	(31) 201562270877 P
(87) US2017018313	(21) EP15169494.0	(32) 22.12.2015
24.08.2017	(47) 26.08.2020	(33) United States of America
(22) 17.02.2017	(22) 21.07.2011	(51) A61B 8/00
(54) SYSTEMS FOR A BLOOD COLLECTOR WITH ENHANCED VOLUME USING CAPILLARY TECHNIQUES	(54) CONTACTLESS ROTARY JOINT	A61B 8/14
(73) Polymer Technology Systems, Inc.	(73) Schleifring GmbH	A61H 23/02
(72) PIERCE, Jeffrey A.	(72) Krumme, Nils	G06K 9/62
PHAN, Bao	(31) 102010041573	G06T 7/00
(31) 201662296467 P	(32) 28.09.2010	G06T 7/143
201662427696 P	(33) Germany	G16H 50/00
(32) 17.02.2016	(51) A61B 6/10	(11) EP3578109
29.11.2016	G01D 5/353	(21) EP18748229.4
(33) United States of America	G01L 5/00	(47) 26.08.2020
United States of America	G01M 11/08	(87) JP2018001326
(51) A61B 6/00	G01R 33/28	09.08.2018
A61B 6/03	G02B 6/14	(22) 18.01.2018
A61B 6/10	A61B 90/00	(54) ULTRASOUND DIAGNOSTIC DEVICE, ULTRASOUND DIAGNOSTIC DEVICE CONTROL METHOD AND ULTRASOUND DIAGNOSTIC DEVICE CONTROL PROGRAM
(11) EP3598947	(11) EP2002217	(73) FUJIFILM Corporation
(21) EP18185766.5	(21) EP07701807.5	(72) EBATA Tetsuro
(47) 26.08.2020	(47) 26.08.2020	(31) 2017016590
(22) 26.07.2018	(87) CA2007000261	(32) 01.02.2017
(54) X-RAY ARRANGEMENT WITH MULTIPLE X-RAY DEVICES AND METHOD FOR OPERATING AN X-RAY ARRANGEMENT	04.10.2007	(33) Japan
(73) Siemens Healthcare GmbH	(22) 21.02.2007	(51) A61B 10/00
(72) Pickert, Nils	(54) DETECTION OF COLLISIONS IN MEDICAL PROCEDURES	B01L 3/00
Dressler, Christian	(73) IMRIS Inc.	G01N 1/36
Bittner, Maik	(72) LI, Jonathan	(11) EP2864754
(51) A61B 6/00	KLIMENKO, Gordon	(21) EP13806432.4
A61B 6/03	(31) 786400 P	(47) 26.08.2020
A61B 6/10	(32) 28.03.2006	(87) US2013047293
A61N 5/10	(33) United States of America	27.12.2013
(11) EP3354199	(51) A61B 6/12	(22) 24.06.2013
(21) EP17305111.1	A61B 17/34	(54) TISSUE SAMPLE CONTAINER
(47) 26.08.2020	A61B 34/00	(73) Leica Biosystems Nussloch GmbH
(22) 31.01.2017	A61B 34/20	(72) FLEMING, Jo
(54) METHOD FOR DETERMINING A CONFIGURATION SETTING OF A SOURCE OF IONIZING RADIATION	A61B 90/00	CLEMENS, Charles E.
(73) Université de Strasbourg	A61B 90/10	BERARDELLI, David
	A61B 90/11	(31) 201261663326 P
	(11) EP3046500	201361792929 P
	(21) EP14854336.6	(32) 22.06.2012
	(47) 26.08.2020	15.03.2013
	(87) US2014060644	
	23.04.2015	
	(22) 15.10.2014	
	(54) SURGICAL NAVIGATION SYSTEM AND RELATED DEVICE	

(33) United States of America United States of America	(54) ANVIL ASSEMBLY AND DELIVERY SYSTEM	10.11.2010
(51) A61B 17/00	(73) Covidien LP	(33) United States of America United States of America
A61B 17/04	(72) ZHANG, Xiliang	(51) A61B 17/072
A61B 17/06	WANG, Zhaokai	(11) EP3158946
A61B 17/064	LI, Baojun	(21) EP16191914.7
A61B 17/072	(51) A61B 17/00	(47) 26.08.2020
A61B 17/11	A61B 90/00	(22) 30.09.2016
A61B 17/115	(11) EP3305207	(54) COMPRESSIBLE ADJUNCT
A61L 31/02	(21) EP17196448.9	(73) Ethicon LLC
A61L 31/10	(47) 26.08.2020	(72) VENDELY, Michael J.
A61L 31/14	(22) 12.11.2009	SHELTON, IV, Frederick E.
A61B 90/00	(54) APPARATUS FOR SEALING A VASCULAR PUNCTURE	HARRIS, Jason L.
(11) EP3135316	(73) Access Closure, Inc.	GOLDREIN, Howell T.
(21) EP16185871.7	(72) Bagaioisan, Celso J	MOIR, Robert S.
(47) 26.08.2020	Domingo, Juan	CONSONNI, Sofia Maria
(22) 26.08.2016	Duong, Sieu	AKRAM, Ismail
(54) STAPLES COMPRISING A COVER	(31) 114049 P	EASTER, Ashley D.
(73) Ethicon LLC	(32) 12.11.2008	LATHAM, Helen S.
(72) ECKERT, Chad E.	(33) United States of America	(31) 201514871119
SHELTON, IV, Frederick E.	(51) A61B 17/00	(32) 30.09.2015
SWAYZE, Jeffrey S.	A61L 24/00	(33) United States of America
HARRIS, Jason L.	A61M 35/00	(51) A61B 17/072
MORGAN, Jerome R.	B05C 17/005	(11) EP3375388
(31) 201514836375	(11) EP3240486	(21) EP18164729.8
(32) 26.08.2015	(21) EP15816853.4	(47) 26.08.2020
(33) United States of America	(47) 26.08.2020	(22) 10.02.2014
(51) A61B 17/00	(87) GB2015054119	(54) FASTENER CARTRIDGE WITH FASTENER SECURING LOCK
A61B 17/072	07.07.2016	(73) Ethicon LLC
(11) EP3235447	(22) 22.12.2015	(72) VENDELY, Michael J.
(21) EP17167069.8	(54) ADHESIVE APPLICATOR	SHELTON, IV, Frederick, E.
(47) 26.08.2020	(73) Advanced Medical Solutions Limited	ARONHALT, Taylor, W.
(22) 19.04.2017	(72) MILLER, Guy Stephen	SHELLIN, Emily, A.
(54) SURGICAL STAPLER WITH HYDRAULIC DECK CONTROL	PARISH, Simon Mark	REYNOLDS, II, Donald, L.
(73) Ethicon LLC	(31) 201423306	(31) 201313763042
(72) SCHEIB, Charles J.	(32) 29.12.2014	(32) 08.02.2013
VENDELY, Michael J.	(33) United Kingdom	(33) United States of America
HARRIS, Jason L.	(51) A61B 17/04	(51) A61B 17/072
(31) 201615133381	(11) EP3357432	A61B 17/29
(32) 20.04.2016	(21) EP18155068.2	(11) EP3106104
(33) United States of America	(47) 26.08.2020	(21) EP16175101.1
(51) A61B 17/00	(22) 05.02.2018	(47) 26.08.2020
A61B 17/072	(54) ENDOSCOPIC STITCHING DEVICES	(22) 17.06.2016
H01M 2/10	(73) Covidien LP	(54) SURGICAL END EFFECTORS WITH DUAL CAM ACTUATED JAW CLOSING FEATURES
H01M 10/42	(72) MALKOWSKI, Jaroslaw	(73) Ethicon LLC
H01M 10/44	(31) 201762455119 P	(72) BAXTER, III, Chester O.
H02J 7/00	201815866811	SWAYZE, Jeffrey S.
(11) EP3151308	(32) 06.02.2017	DUNKI-JACOBS, Adam R.
(21) EP16191192.0	10.01.2018	(31) 201514742941
(47) 26.08.2020	(33) United States of America United States of America	(32) 18.06.2015
(22) 28.09.2016	(51) A61B 17/04	(33) United States of America
(54) BATTERY DRAIN CIRCUIT FOR SURGICAL INSTRUMENT	A61B 17/06	(51) A61B 17/072
(73) Ethicon Endo-Surgery, LLC	(11) EP3138506	A61B 90/94
(72) LEIMBACH, Richard L.	(21) EP16189997.6	(11) EP3338689
ADAMS, Shane	(47) 26.08.2020	(21) EP17209488.0
(31) 201514868747	(22) 09.11.2011	(47) 26.08.2020
(32) 29.09.2015	(54) EMERGENCY SELF-RETAINING SUTURES	(22) 21.12.2017
(33) United States of America	(73) Ethicon LLC	(54) SURGICAL END EFFECTOR WITH TWO SEPARATE COOPERATING OPENING FEATURES FOR OPENING AND CLOSING END EFFECTOR JAWS
(51) A61B 17/00	(72) D'AGOSTINO, William, L.	(73) Ethicon LLC
A61B 17/115	MERKEL, Matt	(72) ARONHALT, Taylor W.
(11) EP3386401	BOWSER, Ron	HOFFMAN, Douglas B.
(21) EP15909977.9	HOYT, Mark	WISE, Austin E.
(47) 26.08.2020	(31) 411918 P	
(87) CN2015096531	412389 P	
15.06.2017	(32) 09.11.2010	
(22) 07.12.2015		

SHELTON, IV Frederick E. HARRIS, Jason L. SCHULTZ, Darwin L.	(54) THROMBUS REMOVAL AND INTRAVASCULAR DISTAL EMBOLIC PROTECTION DEVICE	McAlister, Gary (31) 201314039337 (32) 27.09.2013 (33) United States of America
(31) 201615385930 (32) 21.12.2016 (33) United States of America	(73) Sos, Thomas, A. (72) Sos, Thomas, A.	(51) A61B 17/34 (11) EP3143942 (21) EP15792099.2 (47) 26.08.2020
(51) A61B 17/115 A61B 17/29	(31) 201361828264 P (32) 29.05.2013 (33) United States of America	(47) 26.08.2020 (87) KR2015003929 19.11.2015
(11) EP2663245 (21) EP12734680.7 (47) 26.08.2020 (87) US2012021380 19.07.2012	(51) A61B 17/22 A61B 17/24 A61B 17/32	(22) 20.04.2015 (54) AUTOMATED HAIR TRANSPLANT DEVICE
(22) 13.01.2012 (54) SURGICAL STAPLING DEVICE (73) New Hope Ventures, LP (72) WHITMAN, Michael, P. JOHNSTON, David	(11) EP3242612 (21) EP16734968.7 (47) 26.08.2020 (87) IL2016050022 14.07.2016	(73) Jung, Yong Chul (72) Jung, Yong Chul (31) 20140056372 (32) 12.05.2014 (33) Korea (Republic)
DATCUK, Peter (31) 201161461196 P (32) 14.01.2011 (33) United States of America	(54) PARANASAL SINUS MEDICAL DEVICE (73) Sinusafe Medical Ltd (72) ALTMAN, Nir GEMER, Avinoam HADAR, Danny	(31) 20140056372 (32) 12.05.2014 (33) Korea (Republic)
(51) A61B 17/17 A61B 17/34 A61B 34/10 A61B 34/20 G16H 50/50	(73) Sinusafe Medical Ltd (72) ALTMAN, Nir GEMER, Avinoam HADAR, Danny	(51) A61B 17/68 A61B 17/70 A61B 17/86 (11) EP3487433 (21) EP18745924.3 (47) 26.08.2020 (87) EP2018070162 31.01.2019
(11) EP3007641 (21) EP14811471.3 (47) 26.08.2020 (87) CA2014050544 18.12.2014	(31) 201562100926 P (32) 08.01.2015 (33) United States of America	(22) 25.07.2018 (54) BONE ANCHOR FOR TRIANGULAR ILIOSACRAL OSTEOSYNTHESIS
(22) 11.06.2014 (54) COMPUTER ASSISTED SUBCHONDRAL INJECTION (73) Orthosoft ULC (72) COUTURE, Pierre AMIOT, Louis-Philippe MERCIER, Laurence	(11) EP2694144 (21) EP12768110.4 (47) 26.08.2020 (87) US2012032578 11.10.2012	(73) Silyon Medical International AG (72) VORDEMVENNE, Thomas JOSTEN, Christoph KANDZIORA, Frank (31) 102017116755 (32) 25.07.2017 (33) Germany
(31) 201361833652 P (32) 11.06.2013 (33) United States of America	(22) 06.04.2012 (54) NEEDLE SHIELDING DEVICE (73) Erskine Medical LLC (72) ERSKINE, Timothy, J.	(51) A61B 17/74 A61F 2/30 A61F 2/32 A61F 2/36 (11) EP3197400 (21) EP15844456.2 (47) 26.08.2020 (87) SG2015050340 31.03.2016
(51) A61B 17/22 A61B 17/221	(31) 201161472881 P (32) 07.04.2011 (33) United States of America	(22) 23.09.2015 (54) HIP PROSTHESIS DEVICES (73) Singapore Health Services Pte. Ltd. (72) CHUA, Kenon YEW, Andy Khye Soon LO, Ngai Nung (31) 201462054405 P (32) 24.09.2014 (33) United States of America
(11) EP3398539 (21) EP18176617.1 (47) 26.08.2020 (22) 23.05.2012 (54) RETRIEVAL SYSTEMS (73) Covidien LP (72) MARTIN, Brian B. DIECK, Martin S. AGUILAR, Julio	(31) 201161472881 P (32) 07.04.2011 (33) United States of America	(51) A61B 18/00 A61B 18/12 (11) EP3104797 (21) EP14833325.5 (47) 26.08.2020 (87) US2014072753 20.08.2015
(31) 201161489183 P 201161489254 P (32) 23.05.2011 24.05.2011 (33) United States of America United States of America	(51) A61B 17/322 A61B 90/00 (11) EP3302317 (21) EP16728501.4 (47) 26.08.2020 (87) US2016034370 08.12.2016 (22) 26.05.2016 (54) POWER OPERATED ROTARY EXCISION TOOL (73) Exsurco Medical, Inc. (72) ESAREY, Bernard J. SUKEY, Jason WHITED, Jeffrey	(22) 30.12.2014 (54) SYSTEMS RELATED TO AN ELECTROSURGICAL CONTROLLER (73) ArthroCare Corporation (72) WOLOSZKO, Jean ARMSTRONG, Scott A. BOZEMAN, Michael
(51) A61B 17/22 A61B 17/221	(31) 201514725303 (32) 29.05.2015 (33) United States of America	(22) 26.08.2020 (22) 26.09.2014 (54) Flexible cannula and obturator (73) DePuy Synthes Products, Inc. (72) Whittaker, Gregory R. Bittenson, Steven N.
(11) EP3003175 (21) EP14804362.3 (47) 26.08.2020 (87) US2014039843 04.12.2014 (22) 28.05.2014	(51) A61B 17/34 (11) EP2853209 (21) EP14186578.2 (47) 26.08.2020 (22) 26.09.2014 (54) Flexible cannula and obturator (73) DePuy Synthes Products, Inc. (72) Whittaker, Gregory R. Bittenson, Steven N.	

WALLIS, Christopher A. (31) 201414181281 (32) 14.02.2014 (33) United States of America	(11) EP3313320 (21) EP16813798.2 (47) 26.08.2020 (87) IB2016001010 29.12.2016 (22) 23.06.2016 (54) MULTI-DIAMETER DRILL BIT (73) The Research Foundation of the State University of New York	(47) 26.08.2020 (87) EP2017062469 30.11.2017 (22) 23.05.2017 (54) METHOD FOR PRODUCING DENTURES (73) Bredent GmbH & Co. KG (72) MEYER, Joachim (31) 102016109447 102016109449 (32) 23.05.2016 23.05.2016 (33) Germany Germany
(51) A61B 18/00 A61B 18/12 A61B 18/14 A61M 25/10 (11) EP3226795 (21) EP15866276.7 (47) 26.08.2020 (87) US2015063807 09.06.2016 (22) 03.12.2015 (54) SYSTEMS FOR MODULATING NERVES OR OTHER TISSUE (73) Metavention, Inc. (72) VRBA, Anthony Ciro SMITH, Scott Raymond AZAMIAN, Bobak Robert VAFAI, Scott Bradley COE, Jonathan Allen HANSEN, James G. HYKES, Kevin Robert MCCRYSTLE, Kelly Justin MOTTA, Rossana PERRY, Michael David SUN, Victor Kelvin WEBSTER, Mark Wilson Ian REULAND, Eric Robert	(51) A61C 7/28 (11) EP2874561 (21) EP13710716.5 (47) 26.08.2020 (87) US2013028785 30.01.2014 (22) 04.03.2013 (54) SELF-LIGATING ORTHODONTIC BRACKET (73) 3M Innovative Properties Company (72) YICK, Lee C. LAI, Ming-Lai (31) 201261674620 P (32) 23.07.2012 (33) United States of America	(51) A61C 17/20 A61C 5/40 (11) EP2629693 (21) EP11835265.7 (47) 26.08.2020 (87) US2011057401 26.04.2012 (22) 21.10.2011 (54) APPARATUS FOR ENDODONTIC TREATMENTS (73) SONENDO, INC. (72) BERGHEIM, Bjarne KHAKPOUR, Mehrzad PHAM, Michele GHARIB, Morteza TEBBS, Richard, S.
(31) 201462087179 P 201562130469 P (32) 03.12.2014 09.03.2015 (33) United States of America United States of America	(51) A61C 8/00 (11) EP2854697 (21) EP13723334.2 (47) 26.08.2020 (87) US2013039250 05.12.2013 (22) 02.05.2013 (54) DENTAL IMPLANT SYSTEM HAVING ENHANCED SOFT-TISSUE GROWTH FEATURES (73) Biomet 3i, LLC (72) TOWSE, Ross W. SCALISE, Michael D. SUTTIN, Zachary B. (31) 201261652411 P 201313781889 (32) 29.05.2012 01.03.2013 (33) United States of America United States of America	(31) 405616 P 945791 201161485089 P (32) 21.10.2010 12.11.2010 11.05.2011 (33) United States of America United States of America United States of America
(51) A61B 18/12 A61B 18/14 (11) EP2438875 (21) EP11191800.9 (47) 26.08.2020 (22) 24.12.2010 (54) Medical apparatus for measuring weak signals over ablation lines (73) Biosense Webster (Israel) Ltd. (72) Govari, Assaf Ephrath, Yaron (31) 648327 (32) 29.12.2009 (33) United States of America	(51) A61C 8/00 A61C 8/02 (11) EP3388020 (21) EP16873253.5 (47) 26.08.2020 (87) KR2016013290 15.06.2017 (22) 17.11.2016 (54) MEMBRANE INSTALLATION KIT (73) Fims Co., Ltd. (72) CHUNG, Sung Min LEE, Sung Geun (31) 20150174034 (32) 08.12.2015 (33) Korea (Republic)	(51) A61D 7/00 A61M 5/24 A61M 5/31 A61M 5/315 B65D 83/00 (11) EP3551253 (21) EP17832921.5 (47) 26.08.2020 (87) EP2017082229 21.06.2018 (22) 11.12.2017 (54) MULTI-DOSE DISPENSER (73) VIRBAC (72) LEFEBVRE, Christelle ROBIN, Michel (31) 1662305 (32) 12.12.2016 (33) France
(51) A61B 18/22 (11) EP2501318 (21) EP10782136.5 (47) 26.08.2020 (87) US2010056947 26.05.2011 (22) 17.11.2010 (54) METHODS AND APPARATUS RELATED TO A SIDE -FIRE MEMBER HAVING A DOPED SILICA COMPONENT (73) Boston Scientific Scimed, Inc. Coherent, Inc. (72) TUMMINELLI, Richard, P. ZERFAS, Jeffrey, W. (31) 262397 P (32) 18.11.2009 (33) United States of America	(51) A61C 13/083 A61C 5/20 (11) EP3463178 (21) EP17725262.4	(51) A61F 2/01 (11) EP3370641 (21) EP16861684.5 (47) 26.08.2020 (87) IB2016001740 11.05.2017 (22) 04.11.2016 (54) INTRALUMINAL DEVICE (73) Rapid Medical Ltd. (72) SUDIN, Yuri FRIEDMAN, Aharon
(51) A61C 3/02		

ECKHOUSE, Ronen	VONESH, Michael, J.	(87) US2012046444
(31) 201562250767 P	(31) 201361782134 P	31.01.2013
(32) 04.11.2015	201414198037	(22) 12.07.2012
(33) United States of America	(32) 14.03.2013	(54) FUNCTIONALIZED CALCIUM
(51) A61F 2/02	05.03.2014	PHOSPHATE ARTIFICIAL BONE
A61F 2/30	(33) United States of America	AND JOINT COMPOSITIONS
B05B 7/00	United States of America	AND METHODS OF USE AND
B05B 7/04	(51) A61F 2/24	MANUFACTURE
B41J 2/14	(11) EP3068345	(73) Duquesne University of The Holy Spirit
B33Y 30/00	(21) EP14816480.9	Cabertech, Inc.
B29C 64/209	(47) 26.08.2020	(72) MCGOWAN, Kenneth A.
B33Y 40/00	(87) US2014065692	GAWALT, Ellen S.
(11) EP3398779	21.05.2015	PALCHESKO, Rachele
(21) EP15911815.7	(22) 14.11.2014	(31) 201113193231
(47) 26.08.2020	(54) INFORMATION MARKERS FOR HEART	(32) 28.07.2011
(87) CN2015099855	PROSTHESES	(33) United States of America
06.07.2017	(73) Medtronic, Inc.	(51) A61F 5/01
(22) 30.12.2015	Guy's And St. Thomas' NHS Foundation	A61F 5/32
(54) NOZZLE ASSEMBLY OF BIOLOGICAL	Trust	A61F 5/34
PRINTER AND BIOLOGICAL PRINTER	(72) BAPAT, Vinayak	A61F 13/08
(73) Revotek Co., Ltd	RYAN, Timothy	A61F 13/10
(72) LI, Yijun	(31) 201361904565 P	(11) EP3254651
WANG, Deming	(32) 15.11.2013	(21) EP17174684.5
ZHANG, Leqing	(33) United States of America	(47) 26.08.2020
WEN, Xuemin	(51) A61F 2/24	(22) 07.06.2017
(51) A61F 2/02	(11) EP2982337	(54) GARMENT FOR A HAND
A61L 27/36	(21) EP15180327.7	(73) Medi USA, L.P.
A61L 27/38	(47) 26.08.2020	(72) Lipshaw, Moses
A61L 27/54	(22) 30.06.2005	Larmer, Kevin
C12N 5/079	(54) PARAVALVULAR LEAK DETECTION,	Richardson, Thomas
C12N 5/0793	SEALING, AND PREVENTION	Adams, Ingrid
A61K 35/12	(73) Edwards Lifesciences PVT, Inc.	Lynch, Karen
A61K 35/30	(72) Spenser, Benjamin	(31) 201662347536 P
(11) EP3302353	Benichou, Netanel	(32) 08.06.2016
(21) EP16800479.4	Bash, Assaf	(33) United States of America
(47) 26.08.2020	Dehdashtian, Mark	(51) A61F 5/441
(87) US2016031313	(31) 883575	A61L 9/014
01.12.2016	(32) 30.06.2004	A61L 15/00
(22) 06.05.2016	(33) United States of America	(11) EP3096718
(54) DECELLULARIZED NERVE	(51) A61F 2/24	(21) EP15700610.7
ALLOGRAFTS	A61F 2/966	(47) 26.08.2020
(73) Mayo Foundation for Medical Education	(11) EP3076901	(87) EP2015051276
and Research	(21) EP14867761.0	30.07.2015
(72) GIUSTI, Guilherme	(47) 26.08.2020	(22) 22.01.2015
BISHOP, Allen, T.	(87) US2014068872	(54) OSTOMY BAG FILTER WITH
SHIN, Alexander, Y.	11.06.2015	ADHESIVE WEBBING
HUNDEPOOL, Caroline, A.	(22) 05.12.2014	(73) Welland Medical Limited
(31) 201562166432 P	(54) PROSTHETIC HEART VALVE AND	(72) TROY, Pdraig Gerard
(32) 26.05.2015	DELIVERY APPARATUS	(31) 201401031
(33) United States of America	(73) Edwards Lifesciences Corporation	(32) 22.01.2014
(51) A61F 2/07	(72) HOANG, Lien-Huong T.	(33) United Kingdom
A61F 2/966	SIEGEL, Alexander J.	(51) A61F 7/00
(11) EP2967953	BAKIS, George	A61F 13/00
(21) EP14716466.9	(31) 201361912231 P	A61K 9/70
(47) 26.08.2020	201414561102	A61K 47/02
(87) US2014021099	(32) 05.12.2013	A61N 1/00
02.10.2014	04.12.2014	(11) EP3454805
(22) 06.03.2014	(33) United States of America	(21) EP17727813.2
(54) ENDOPROSTHESIS DELIVERY	United States of America	(47) 26.08.2020
SYSTEMS WITH DEPLOYMENT AIDS	(51) A61F 2/28	(87) EP2017061539
(73) W. L. Gore & Associates, Inc.	A61F 2/30	16.11.2017
(72) ARMSTRONG, Joseph, R.	A61L 27/10	(22) 12.05.2017
CULLY, Edward, H.	A61L 27/12	(54) DEVICE FOR DELIVERING
DUNCAN, Jeffrey, B.	A61L 27/54	MEDICAMENTS OR ACTIVE
KOVACH, Larry, J.	C12N 5/077	INGREDIENTS
PAJOT, Douglas, F.	(11) EP2739265	(73) Grafmed
SHORT, Brandon, C.	(21) EP12816970.3	(72) LEIGH, Martin
ULM, Mark, J.	(47) 26.08.2020	(31) 201608315

(32) 12.05.2016	(54) VACUUM DEVICE AND	(73) Daio Paper Corporation
(33) United Kingdom	METHOD FOR MONITORING AN	(72) MANABE, Sadanao
(51) A61F 7/00	OPHTHALMOLOGICAL PATIENT	MORI, Yosuke
A61M 16/00	INTERFACE	HAGI, Takashi
A61M 19/00	(73) Ziemer Ophthalmic Systems AG	(31) 2014129602
(11) EP3417839	(72) RATHJEN, Christian	(32) 24.06.2014
(21) EP18181995.4	(51) A61F 13/02	(33) Japan
(47) 26.08.2020	(11) EP3479804	(51) A61F 13/49
(22) 08.09.2014	(21) EP17823706.1	A61F 13/494
(54) TEMPERATURE MEASUREMENT	(47) 26.08.2020	A61F 13/496
AND FEEDBACK FOR THERAPEUTIC	(87) ES2017070455	(11) EP3459511
HYPOTHERMIA	11.01.2018	(21) EP17819676.2
(73) Qool Therapeutics, Inc.	(22) 22.06.2017	(47) 26.08.2020
(72) BELSON, Amir	(54) ADHESIVE FASCIAL BANDAGE	(87) JP2017017825
(31) 201361875093 P	(73) Selva Sarzo, Francisco	04.01.2018
201414479128	(72) Selva Sarzo, Francisco	(22) 11.05.2017
(32) 08.09.2013	(31) 201630912	(54) UNDERSHORT PANTS-TYPE
05.09.2014	(32) 05.07.2016	ABSORBENT ARTICLE
(33) United States of America	(33) Spain	(73) Unicharm Corporation
United States of America	(51) A61F 13/08	(72) SU, Beibei
(51) A61F 9/00	(11) EP1849111	KOMATSU, Shimpei
A61F 9/007	(21) EP06709236.1	(31) 2016126913
A61K 9/00	(47) 26.08.2020	(32) 27.06.2016
(11) EP3412260	(87) FR2006000244	(33) Japan
(21) EP18183395.5	24.08.2006	(51) A61F 13/49
(47) 26.08.2020	(22) 03.02.2006	A61F 13/494
(22) 18.05.2010	(54) DEVICE FOR ASSISTING IN THE	A61F 13/496
(54) DRUG ELUTING OCULAR IMPLANT	SELECTION OF A COMPRESSIVE	A61F 13/53
(73) Dose Medical Corporation	ORTHOSIS BY SIMULATING	(11) EP3494942
(72) HAFFNER, David	ITS EFFECTS UPON THE	(21) EP18209871.5
CURRY, Ken	HEMODYNAMICS OF THE VENOUS	(47) 26.08.2020
HEITZMANN, Harold	RETURN	(22) 03.12.2018
APPLEGATE, David	(73) Laboratoires Innothera	(54) DISPOSABLE WEARABLE ARTICLE
(31) 17933209 P	(72) GOBET, Arnaud	(73) Unicharm Corporation
22052709 P	(31) 0501569	(72) Kawakami, Yusuke
26460409 P	(32) 16.02.2005	Gao, Juyi
26459409 P	(33) France	(31) 2017233530
26461509 P	(51) A61F 13/15	(32) 05.12.2017
(32) 18.05.2009	(11) EP2581068	(33) Japan
25.06.2009	(21) EP12188581.8	(51) A61F 13/49
25.11.2009	(47) 26.08.2020	A61F 13/496
25.11.2009	(22) 15.10.2012	A61F 13/513
25.11.2009	(54) Methods and apparatus for application of	A61F 13/515
(33) United States of America	nested zero waste ear to traveling web	(11) EP3492055
United States of America	and formation of articles using a dual cut	(21) EP16900522.0
United States of America	slip unit	(47) 26.08.2020
United States of America	(73) Curt G. Joa, Inc.	(87) JP2016075308
United States of America	(72) Pagel, Tyler W	02.11.2017
(51) A61F 9/008	Jankuski, Brian	(22) 30.08.2016
(11) EP2816965	Herberg, Robert	(54) ABSORBENT ARTICLE
(21) EP13751556.5	Jenquin, Peter J	(73) Unicharm Corporation
(47) 26.08.2020	Andrews, Robert E	(72) KATSURAGAWA, Kunihiko
(87) US2013027509	(31) 201161547474 P	(31) PCT/JP2016/072401
29.08.2013	(32) 14.10.2011	(32) 29.07.2016
(22) 22.02.2013	(33) United States of America	(33) World Intellectual Property Office (WIPO)
(54) DEVICES FOR IMPROVING VISION	(51) A61F 13/15	(51) A61F 13/49
USING LASER PHOTOMIOSIS	A61F 13/49	A61F 13/496
(73) Thrufocus Optics, Inc.	A61F 13/496	A61F 13/514
(72) HICKENBOTHAM, Adam L.	(11) EP3162332	(11) EP3251642
(31) 201261603281 P	(21) EP15811808.3	(21) EP16743578.3
(32) 25.02.2012	(47) 26.08.2020	(47) 26.08.2020
(33) United States of America	(87) JP2015067644	(87) JP2016052805
(51) A61F 9/009	30.12.2015	04.08.2016
(11) EP3266427	(22) 18.06.2015	(22) 29.01.2016
(21) EP16177791.7	(54) METHOD FOR MANUFACTURING	(54) ABSORBENT ARTICLE AND METHOD
(47) 26.08.2020	PANT-TYPE DISPOSABLE DIAPER,	FOR MANUFACTURING SAME
(22) 04.07.2016	AND PANT-TYPE DISPOSABLE	(73) Daio Paper Corporation
	DIAPER	(72) SAKAI, Syunsuke



(31) 2015017498 2015067324 2015071784 2015071786 2015195458	(72) OBERT, Mike OLSZEWSKI, Jan Donat (31) 102016125800 (32) 28.12.2016 (33) Germany	A63B 22/20 A63B 23/035 A63B 23/04 A63B 24/00 (11) EP2819754
(32) 30.01.2015 27.03.2015 31.03.2015 31.03.2015 30.09.2015	(51) A61H 1/00 A61H 23/02 A63B 21/00 A63B 21/055 A63B 21/062 A63B 23/04 A63B 23/12 A63B 24/00 A63B 71/06	(21) EP13735375.1 (47) 26.08.2020 (87) GB2013051758 09.01.2014 (22) 03.07.2013 (54) EXERCISE DEVICE, SYSTEM AND COMPUTER PROGRAM
(33) Japan Japan Japan Japan Japan	(11) EP3261603 (21) EP16717461.4 (47) 26.08.2020 (87) IB2016051079 01.09.2016 (22) 26.02.2016 (54) GYMNASTIC EQUIPMENT (73) De Angelis, Marco (72) De Angelis, Marco (31) BO20150102 (32) 26.02.2015 (33) Italy	(73) Sampath, Shameem Anthony Carl (72) Sampath, Shameem Anthony Carl (31) 201211899 (32) 04.07.2012 (33) United Kingdom
(51) A61F 13/496 A61F 13/56 (11) EP3372211 (21) EP16881511.6 (47) 26.08.2020 (87) JP2016080804 06.07.2017 (22) 18.10.2016 (54) ABSORBENT ARTICLE (73) Unicharm Corporation (72) SAITO, Kyota (31) 2015256835 (32) 28.12.2015 (33) Japan	(51) A61H 1/00 A63B 21/00 A63B 22/06 (11) EP3485862 (21) EP18206088.9 (47) 26.08.2020 (22) 13.11.2018 (54) INTERACTING EXERCISE DEVICE (73) Chang, Chung-Fu (72) Chang, Chung-Fu (31) 201711147192 (32) 17.11.2017 (33) China	(51) A61H 7/00 A61H 9/00 A61H 23/00 A61H 23/04 A61H 31/00 (11) EP2830568 (21) EP13769298.4 (47) 26.08.2020 (87) US2013000094 03.10.2013 (22) 26.03.2013 (54) BODY PULSATING APPARATUS AND METHOD (73) Electromed, Inc. (72) HANSEN, Craig, N. CROSS, Paul, C. (31) 201213431956 (32) 27.03.2012 (33) United States of America
(51) A61F 13/56 A61F 13/58 (11) EP3510984 (21) EP17863539.7 (47) 26.08.2020 (87) JP2017035516 03.05.2018 (22) 29.09.2017 (54) DISPOSABLE DIAPER (73) Unicharm Corporation (72) SAKAGUCHI, Satoru YAMANAKA, Yasuhiro TSUJII, Maki (31) 2016212957 2016231816 (32) 31.10.2016 29.11.2016 (33) Japan Japan	(51) A61H 1/02 A61H 3/00 (11) EP3165211 (21) EP16170162.8 (47) 26.08.2020 (22) 18.05.2016 (54) STANDING-UP ASSISTANCE METHOD AND APPARATUS (73) Samsung Electronics Co., Ltd. (72) Kyung-Rock, Kim (31) 20150156615 (32) 09.11.2015 (33) Korea (Republic)	(51) A61H 31/00 A61M 16/00 G09B 23/28 (11) EP3323457 (21) EP17001688.5 (47) 26.08.2020 (22) 06.04.2016 (54) MECHANICAL VENTILATION APPARATUS WITH VENTILATION MODES SUITABLE FOR CARDIAC MASSAGE (73) Air Liquide Medical Systems (72) DERMEL, Marius JACQUOT, Eric PENNORS, Thomas RICHARD, Jean-Christophe RIGOLLOT, Marceau (31) 1553809 (32) 28.04.2015 (33) France
(51) A61G 7/047 (11) EP3107513 (21) EP15729727.6 (47) 26.08.2020 (87) IB2015050437 25.06.2015 (22) 20.01.2015 (54) BED (73) Sason, Albert (72) Sason, Albert	(51) A61H 1/02 A61H 3/00 A63B 22/02 (11) EP3222264 (21) EP17158618.3 (47) 26.08.2020 (22) 01.03.2017 (54) WALKING ASSISTANCE APPARATUS (73) TOYOTA JIDOSHA KABUSHIKI KAISHA (72) NAKASHIMA, Issei (31) 2016058409 (32) 23.03.2016 (33) Japan	(51) A61K 8/02 A61K 8/19 A61K 8/23 A61K 8/24 A61K 8/26 A61Q 11/00 (11) EP3377182 (21) EP16823477.1 (47) 26.08.2020 (87) US2016067784 29.06.2017 (22) 20.12.2016
(51) A61G 13/06 (11) EP3562457 (21) EP17822333.5 (47) 26.08.2020 (87) EP2017084720 05.07.2018 (22) 28.12.2017 (54) OPERATING-TABLE COLUMN WITH STABILIZING GUIDE (73) Maquet GmbH	(51) A61H 1/02 A63B 21/00	

(54) STORAGE-STABLE SOLID PEROXYMONOSULFATE COMPOSITION	(22) 17.10.2016	A61K 8/898
(73) Colgate-Palmolive Company	(54) COSMETIC FOAM FROM AN EMULSION CONTAINING GLYCERIN AND ALCOHOL	C08J 3/03
(72) POTNIS, Shashank, Vishwanath CHAVAN, Devendra JHA, Manisha PLATA, Rolando, B.	(73) Beiersdorf AG	C09D 183/04
(31) 4261DE2015	(72) SKUBSCH, Kerstin MÜLLER, Claudia RUPP, Katrin	C10M 155/02
(32) 23.12.2015	(73) Beiersdorf AG	C11D 3/37
(33) India	(72) SKUBSCH, Kerstin MÜLLER, Claudia RUPP, Katrin	C14C 9/02
(51) A61K 8/02	(31) 102015221568	D06M 15/643
A61K 8/19	(32) 04.11.2015	(11) EP2268255
A61K 8/23	(33) Germany	(21) EP09732443.8
A61K 8/25	(51) A61K 8/04	(47) 26.08.2020
A61K 8/35	A61K 8/73	(87) US2009002233
A61K 8/37	A61K 8/81	22.10.2009
A61K 8/40	A61Q 5/00	(22) 09.04.2009
A61K 8/88	A61Q 19/00	(54) PREPARATION OF SILICONE MICROEMULSIONS
A61K 8/891	(11) EP3086855	(73) Dow Silicones Corporation
A61Q 17/04	(21) EP14833388.3	(72) LIU, Yihan
(11) EP3134185	(47) 26.08.2020	STAMMER, Andreas
(21) EP15782509.2	(87) IB2014066960	(31) 45414 P
(47) 26.08.2020	02.07.2015	(32) 16.04.2008
(87) US2015018579	(22) 16.12.2014	(33) United States of America
29.10.2015	(54) STABLE AERATED COMPOSITIONS	(51) A61K 8/24
(22) 04.03.2015	(73) L'OREAL	A61K 8/36
(54) SUNSCREEN COMPOSITIONS	(72) GOLDBERG, Andrew GALDI, Angelike DIAZ, Raul	A61Q 17/04
(73) Avon Products, Inc.	(31) 201314141534	(11) EP3388048
(72) FANIZZA, Juliana HOWELL, Ashley L. MCNAMARA, William E.	(32) 27.12.2013	(21) EP18170090.7
(31) 201414260775	(33) United States of America	(47) 26.08.2020
(32) 24.04.2014	(51) A61K 8/04	(22) 10.04.2015
(33) United States of America	B05B 7/00	(54) SUNSCREEN WITH A REDUCED TENDENCY TO STAIN TEXTILES III
(51) A61K 8/02	B65D 83/60	(73) Beiersdorf AG
A61K 8/24	B65D 83/66	(72) Weinert, Katrin
A61K 9/14	(11) EP3222362	Borchers, Kathrin
A61K 31/047	(21) EP17164021.2	Schade, Tatjana
A61K 31/19	(47) 26.08.2020	Bleckmann, Andreas
A61K 31/70	(22) 03.02.2014	(31) 102014207935
A61K 31/715	(54) FOAM DISPENSER	(32) 28.04.2014
A61K 33/42	(73) Koninklijke Douwe Egberts B.V.	(33) Germany
A61K 45/06	(72) NICMANIS, Mark	(51) A61K 8/33
A61K 47/36	(31) 201301875	A61K 8/34
A61Q 19/08	(32) 01.02.2013	A61K 8/42
A61K 47/10	(33) United Kingdom	A61K 8/44
A61K 47/18	(51) A61K 8/06	A61Q 17/00
A61K 47/42	A61K 8/26	(11) EP2782549
(11) EP2438922	A61K 8/41	(21) EP12806160.3
(21) EP09845189.1	A61K 8/893	(47) 26.08.2020
(47) 26.08.2020	A61K 8/894	(87) IB2012056674
(87) JP2009059631	A61Q 13/00	30.05.2013
02.12.2010	A61Q 19/00	(22) 23.11.2012
(22) 26.05.2009	(11) EP3406238	(54) ANTIMICROBIAL PRESERVATIVE COMPOSITIONS FOR PERSONAL CARE PRODUCTS
(54) COLLAGEN PRODUCTION ENHANCER	(21) EP16886491.6	(73) Galaxy Surfactants Ltd.
(73) SofSera Corporation	(47) 26.08.2020	(72) KOSHTI, Nirmal
(72) KOGAI Yasumichi	(87) JP2016086853	RATNAPARKHE, Shraddha, Kiran
KAWABE Karl Kazushige	27.07.2017	MALI, Devyani, Ashok
(51) A61K 8/04	(22) 12.12.2016	SAWANT, Bhagyesh
A61K 8/06	(54) WATER-IN-OIL TYPE EMULSION COSMETIC MATERIAL	VAIDYA, Pooja, Dinkar
A61K 8/34	(73) Shiseido Company, Ltd.	(31) 3026MU2011
A61Q 19/00	(72) OMURA, Takayuki	(32) 25.11.2011
(11) EP3370685	(31) 2016007211	(33) India
(21) EP16782061.2	(32) 18.01.2016	(51) A61K 8/34
(47) 26.08.2020	(33) Japan	A61K 8/37
(87) EP2016074834	(51) A61K 8/06	A61K 8/55
11.05.2017	A61K 8/89	A61K 31/20
		A61P 1/02
		(11) EP2997957
		(21) EP15185551.7

(47) 26.08.2020	201762488898 P	(22) 29.10.2014
(22) 16.09.2015	(32) 10.03.2017	(54) Hair colouration with a cationic coloured polymer, method and kit thereof
(54) NOVEL COMPOSITION FOR ORAL CARE	24.04.2017	(73) Noxell Corporation
(73) theranovis GmbH & Co. KG	(33) United States of America	(72) Crne, Matija
(72) PATEL, Ashokkumar	United States of America	Dähne, Lars
(31) 102014113447	(51) A61K 8/44	Egri, Gabriella
(32) 17.09.2014	A61K 8/49	Funk, Christian
(33) Germany	A61K 8/60	Herrlein, Mathias Kurt
(51) A61K 8/35	A61K 8/67	Hilbig, Klaus
A61K 8/41	A61K 31/706	Klickermann, Moritz
A61K 8/49	A61K 31/7064	Schäfer, Tatjana
A61K 8/58	A61K 31/7076	
A61Q 17/04	A61Q 19/02	(51) A61K 9/00
(11) EP3128993	A61Q 19/08	A61K 9/06
(21) EP15714222.5	(11) EP3130332	A61K 31/195
(47) 26.08.2020	(21) EP15780618.3	A61K 31/221
(87) EP2015057455	(47) 26.08.2020	A61K 47/12
15.10.2015	(87) JP2015061373	A61K 47/24
(22) 07.04.2015	22.10.2015	A61K 47/26
(54) MIXTURES OF COSMETIC UV ABSORBERS	(22) 13.04.2015	A61K 47/10
(73) BASF SE	(54) ANTI-AGING EXTERNAL SKIN PREPARATION	A61K 47/14
(72) EHLIS, Thomas	(73) Hayashibara Co., Ltd.	(11) EP3042647
GRUMELARD, Julie	(72) KOHNO Keizo	(21) EP16156371.3
(31) 14164508	MIYATA Satomi	(47) 26.08.2020
(32) 11.04.2014	HANAYA Toshiharu	(22) 11.06.2010
(33) European Patent Office (EPO)	FUKUDA Shigeharu	(54) SEMI-SOLID COMPOSITIONS AND PHARMACEUTICAL PRODUCTS COMPRISING 5-AMINOLEVULINIC ACID ESTERS
(51) A61K 8/365	(31) 2014082524	(73) Photocure ASA
A61K 8/37	(32) 14.04.2014	(72) STENSRUD, Gry
A61K 8/44	(33) Japan	(31) 09251537
A61K 8/46	(51) A61K 8/63	(32) 11.06.2009
A61K 8/73	C07J 1/00	(33) European Patent Office (EPO)
A61K 8/86	C07J 3/00	(51) A61K 9/00
A61K 8/89	C07J 7/00	A61K 9/08
A61Q 5/02	C07J 9/00	A61K 38/26
A61Q 5/12	C07J 17/00	A61K 47/12
C08B 37/00	C07J 41/00	A61K 47/26
(11) EP3300720	C07J 43/00	A61P 3/04
(21) EP17199634.1	C07J 51/00	A61P 3/08
(47) 26.08.2020	C07J 73/00	A61P 3/10
(22) 19.12.2014	C12P 33/08	C07K 14/00
(54) PERSONAL CARE COMPOSITIONS WITH MODIFIED GUAR DERIVATIVES	C12P 33/20	C07K 16/00
(73) Rohm and Haas Company	(11) EP3171855	A61K 47/18
Dow Global Technologies Llc	(21) EP15824579.5	(11) EP3257524
(72) GREYSON, Andrea V.	(47) 26.08.2020	(21) EP16748688.5
PARTAIN, Emmett M.	(87) IN2015050072	(47) 26.08.2020
CURCIO, Thais	28.01.2016	(87) CN2016073279
(31) 201361919561 P	(22) 23.07.2015	18.08.2016
(32) 20.12.2013	(54) 11.BETA.-HYDROXYSTEROID-4-AZA-COMPOUNDS, COMPOSITIONS AND USES THEREOF	(22) 03.02.2016
(33) United States of America	(73) Sphaera Pharma Pvt. Ltd.	(54) STABILIZED SOLUTION PREPARATION OF PHARMACEUTICAL GLP-1R ANTIBODY FUSION PROTEIN
(51) A61K 8/37	(72) DUGAR, Sundeep	(73) Gmax Biopharm LLC
A61K 8/73	MAHAJAN, Dinesh	(72) ZHANG, Cheng
A61K 8/92	SCHREINER, George Frederick	ZHANG, Hua
A61Q 19/00	(31) 2085DE2014	FAN, Kesuo
(11) EP3372283	2086DE2014	GUO, Yong
(21) EP18161328.2	(32) 23.07.2014	JING, Shuqian
(47) 26.08.2020	23.07.2014	(31) 201510071304
(22) 12.03.2018	(33) India	(32) 11.02.2015
(54) METHOD FOR AFFECTING TOUCH	India	(33) China
(73) JOHNSON & JOHNSON CONSUMER INC.	(51) A61K 8/73	(51) A61K 9/00
(72) GARCIA, Devin	A61K 8/81	A61K 9/107
KAUR, Simarna	A61K 8/84	A61K 31/202
NIKOLOVSKI, Janeta	A61Q 5/06	A61K 47/14
DeRIDDER, Louis	(11) EP3015134	A61K 47/44
(31) 201762469666 P	(21) EP14190884.8	
	(47) 26.08.2020	

(11) EP3191091	A61K 31/192	KUSANO, Takayuki
(21) EP15840584.5	A61K 31/522	(31) 2016113449
(47) 26.08.2020	A61K 33/06	(32) 07.06.2016
(87) US2015049336	(11) EP3157506	(33) Japan
17.03.2016	(21) EP15729517.1	<hr/>
(22) 10.09.2015	(47) 26.08.2020	(51) A61K 9/08
(54) DIETARY EMULSION FORMULATIONS AND METHODS FOR USING THE SAME	(87) EP2015063841	A61K 31/7088
	23.12.2015	A61K 47/36
(73) Beth Israel Deaconess Medical Center, Inc.	(22) 19.06.2015	(11) EP3412313
Children's Medical Center Corporation	(54) TASTE-MASKED ORAL PHARMACEUTICAL COMPOSITION	(21) EP16889476.4
(72) PUDER, Mark	(73) Hermes Arzneimittel GmbH	(47) 26.08.2020
BISTRIAN, Bruce R.	(72) DANDL, Klaus	(87) KR2016002013
(31) 201462049672 P	HAACK, Detlev	10.08.2017
(32) 12.09.2014	BECKER, Karin	(22) 29.02.2016
(33) United States of America	ZIMMER, Andreas	(54) TEMPERATURE SENSITIVE HYDROGEL COMPOSITION INCLUDING NUCLEIC ACID AND CHITOSAN
<hr/>	LANG, Claudia	(73) Pharmaresearch Products Co., Ltd.
(51) A61K 9/00	SALAR BEHZADI, Sharareh	(72) KIM, Ik Soo
A61K 9/14	(31) 14173273	KIM, Han Gyu
A61K 9/16	(32) 20.06.2014	HONG, Cheol Am
A61K 31/65	(33) European Patent Office (EPO)	LEE, Su Yeon
A61K 33/06	<hr/>	(31) 20160015112
A61K 33/42	(51) A61K 9/00	(32) 05.02.2016
A61P 17/00	A61K 31/704	(33) Korea (Republic)
(11) EP2665483	A61K 38/17	<hr/>
(21) EP12736073.3	A61K 47/26	(51) A61K 9/08
(47) 26.08.2020	A61P 21/00	A61K 38/28
(87) US2012021926	A61P 35/00	A61K 47/12
26.07.2012	(11) EP3155008	(11) EP3373953
(22) 19.01.2012	(21) EP15805829.7	(21) EP16797554.9
(54) TOPICAL MINOCYCLINE COMPOSITIONS AND METHODS OF USING THE SAME	(47) 26.08.2020	(47) 26.08.2020
	(87) US2015035818	(87) EP2016077912
(73) Laboratory Skin Care, Inc.	17.12.2015	26.05.2017
(72) MANSOURI, Zahra	(22) 15.06.2015	(22) 16.11.2016
(31) 201161434368 P	(54) FORMULATED RECEPTOR POLYPEPTIDES AND RELATED METHODS	(54) FAST-ACTING INSULIN COMPOSITION COMPRISING A SUBSTITUTED CITRATE
(32) 19.01.2011	(73) Amgen Inc.	(73) Adocia
(33) United States of America	Atara Biotherapeutics, Inc.	(72) SOULA, Olivier
<hr/>	(72) HAQQ, Christopher, Michael	CHARVET, Richard
(51) A61K 9/00	LATYPOV, Ramil	ALLUIS, Bertrand
A61K 9/19	(31) 201462012104 P	(31) 1561017
A61K 9/20	201462047995 P	(32) 16.11.2015
A61K 9/50	201462058789 P	(33) France
A61K 31/16	201562142812 P	<hr/>
A61K 31/167	(32) 13.06.2014	(51) A61K 9/08
A61K 31/192	09.09.2014	A61K 47/02
A61K 31/4402	02.10.2014	A61K 47/36
A61K 31/451	03.04.2015	A61K 47/10
A61K 31/522	(33) United States of America	(11) EP2278954
B23B 5/16	United States of America	(21) EP09734932.8
(11) EP2629913	United States of America	(47) 26.08.2020
(21) EP11827375.4	United States of America	(87) US2009041699
(47) 26.08.2020	United States of America	29.10.2009
(87) US2011052406	(51) A61K 9/00	(22) 24.04.2009
29.03.2012	A61K 38/00	(54) POLYMERIC ARTIFICIAL TEAR SYSTEM
(22) 20.09.2011	A61K 39/00	(73) Alcon Inc.
(54) MICROENCAPSULATION PROCESS AND PRODUCT	A61K 39/39	(72) KETELSON, Howard, Allen
	A61K 47/36	DAVIS, James, W.
(73) SPI Pharma, INC.	A61L 31/04	MEADOWS, David, L.
Goll, Diane	A61M 37/00	(31) 48175 P
Propst, Cecil W.	(11) EP3466478	(32) 26.04.2008
(72) GOLL, Diane	(21) EP17810343.8	(33) United States of America
PROPST, Cecil, W.	(47) 26.08.2020	<hr/>
(31) 384351 P	(87) JP2017021117	(51) A61K 9/10
(32) 20.09.2010	14.12.2017	A61K 9/14
(33) United States of America	(22) 07.06.2017	A61K 9/20
<hr/>	(54) MICRONEEDLE ARRAY	A61K 9/48
(51) A61K 9/00	(73) FUJIFILM Corporation	A61K 31/045
A61K 9/50	(72) KABATA, Koki	
A61K 31/167		

A61K 36/185	A61K 38/13	04.02.2013
A61K 36/35	A61K 39/00	(33) United States of America
A61K 36/39	A61K 39/39	United States of America
A61K 36/47	A61K 39/395	<hr/>
A61K 36/534	A61K 48/00	(51) A61K 9/16
A61K 36/74	A61P 19/02	A61K 9/50
A61K 36/882	A61P 37/00	A61K 31/715
A61K 36/888	C07K 14/47	A61K 33/06
A61P 25/28	C07K 14/575	A61P 3/04
(11) EP3162377	C07K 16/18	A61P 3/06
(21) EP14895849.9	(11) EP3003306	(11) EP3373911
(47) 26.08.2020	(21) EP14807186.3	(21) EP16805731.3
(87) CN2014080789	(47) 26.08.2020	(47) 26.08.2020
30.12.2015	(87) US2014040938	(87) EP2016077142
(22) 26.06.2014	11.12.2014	18.05.2017
(54) DIANXIANNING FOR PREVENTING AND TREATING ALZHEIMER'S DISEASE	(22) 04.06.2014	(22) 09.11.2016
(73) Lanzhou University	(54) REPEATED ADMINISTRATION OF NON-IMMUNOSUPPRESSIVE ANTIGEN SPECIFIC IMMUNOTHERAPEUTICS	(54) COMBINATION OF CALCIUM SULFATE AND GUM ARABIC
(72) LI, Hongyu	(73) Selecta Biosciences, Inc.	(73) Medicocensus GmbH
WANG, Dong	(72) MALDONADO, Roberto, A.	(72) ALBRECHT, Uwe
ZHI, Dejuan	KISHIMOTO, Takashi, Kei	(31) 102015119477
LI, Yang	(31) 201361831128 P	(32) 11.11.2015
LI, Yinghui	(32) 04.06.2013	(33) Germany
CHEN, Xiaoyu	(33) United States of America	<hr/>
<hr/>	<hr/>	(51) A61K 9/16
(51) A61K 9/107	(51) A61K 9/14	A61K 31/7125
A61K 47/36	A61K 9/22	A61K 38/16
B01D 11/04	A61K 9/24	A61K 38/20
B01F 5/00	(11) EP2863891	A61K 38/22
B01J 13/10	(21) EP13730598.3	A61K 38/24
A61K 47/10	(47) 26.08.2020	A61K 38/26
(11) EP3079804	(87) EP2013063163	A61K 38/35
(21) EP14869152.0	03.01.2014	A61K 47/34
(47) 26.08.2020	(22) 24.06.2013	(11) EP3434262
(87) CN2014093333	(54) PHARMACEUTICAL FORM FOR EXTENDED RELEASE OF ACTIVE SUBSTANCES	(21) EP17788727.0
18.06.2015	(73) Hennig Arzneimittel GmbH&Co. Kg	(47) 26.08.2020
(22) 09.12.2014	(72) FRANCAS, Gernot	(87) CN2017081638
(54) STABILIZED ALL-AQUEOUS EMULSIONS AND METHODS OF MAKING AND USING THEREOF	PRZYKLENK, Karl-Heinz	02.11.2017
(73) Versitech Limited	(31) 102012105512	(22) 24.04.2017
(72) SONG, Yang	(32) 25.06.2012	(54) METHOD FOR PREPARING SUSTAINED-RELEASE MICROGRANULES
LIU, Zhou	(33) Germany	(73) AC Pharmaceuticals Co., Ltd.
SHUM, Ho Cheung	<hr/>	(72) LIU, Feng
(31) 201361913653 P	(51) A61K 9/14	LAI, Shuting
(32) 09.12.2013	A61K 31/12	ZHENG, Yang
(33) United States of America	A61K 31/137	CAO, Fuchun
<hr/>	A61K 31/167	LIAN, Yuanfa
(51) A61K 9/12	A61P 1/00	(31) 201610269814
A61K 31/08	A61P 1/02	(32) 26.04.2016
B01F 3/04	A61P 1/04	(33) China
B01F 5/06	A61P 1/16	<hr/>
B01F 5/10	A61P 1/18	(51) A61K 9/19
B01F 15/00	(11) EP2943222	A61K 38/48
B01F 15/02	(21) EP14701930.1	(11) EP2925347
(11) EP3266516	(47) 26.08.2020	(21) EP13820993.7
(21) EP17179871.3	(87) EP2014050638	(47) 26.08.2020
(47) 26.08.2020	17.07.2014	(87) IL2013000088
(22) 05.07.2017	(22) 14.01.2014	12.06.2014
(54) METHOD AND DEVICE FOR PRODUCING FOAM	(54) SOLID SOLUTION COMPOSITIONS AND USE IN SEVERE PAIN	(22) 28.11.2013
(73) Provensis Limited	(73) InFirst Healthcare Limited	(54) THROMBIN SOLUTION AND METHODS OF USE THEREOF
(72) WRIGHT, David Dakin Iorwerth	(72) BANNISTER, Robin Mark	(73) Omrix Biopharmaceuticals Ltd.
(31) 201611778	BREW, John	(72) MEIDLER, Roberto
(32) 06.07.2016	REILEY, Richard Robert	BELYAEV, Oleg
(33) United Kingdom	CAPARRÓS-WANDERLEY, Wilson	BAR, Liliانا
<hr/>	<hr/>	NUR, Israel
(51) A61K 9/127	(31) 201361752356 P	(31) 22339612
A61K 9/51	201361752309 P	201361753542 P
A61K 31/436	(32) 14.01.2013	(32) 03.12.2012
		17.01.2013

(33) Israel United States of America	MASUDA, Koji SHIMOKAWA, Yoshiyuki	(21) EP11716402.0 (47) 26.08.2020
(51) A61K 9/20	KATO, Kenji	(87) EP2011056461 03.11.2011
A61K 9/24	(31) 2014017685	(22) 21.04.2011
A61K 31/403	(32) 31.01.2014	(54) COMBINATION THERAPY OF AN AFUCOSYLATED CD20 ANTIBODY WITH A MTOR INHIBITOR
A61P 9/00	(33) Japan	(73) Roche Glycart AG
(11) EP2471519	(51) A61K 9/70	(72) HERTING, Frank KLEIN, Christian
(21) EP10819912.6	A61L 27/22	(31) 10161181
(47) 26.08.2020	A61L 27/36	(32) 27.04.2010
(87) CN2010077466	A61L 27/38	(33) European Patent Office (EPO)
07.04.2011	A61L 27/44	(51) A61K 31/13 A61K 31/137 A61K 31/155 A61K 31/165 A61K 31/4164 A61K 31/4168 A61K 31/4174 A61K 31/421 A61K 31/433 A61K 31/4458 A61K 31/498 A61K 31/506 A61P 17/00
(22) 29.09.2010	A61P 9/00	(11) EP3434271
(54) CONTROLLED RELEASE FORMULATION OF CARVEDILOL	C07K 14/78	(21) EP17769197.9
(73) Shandong New Time Pharmaceutical Co., LTD.	C12N 5/071	(47) 26.08.2020
(72) HAO, Wei-Hua	A61K 35/34	(87) BR2017050070 28.09.2017
LIN, Tsung-Hsin	A61K 47/42	(22) 22.03.2017
LU, Ta-Chien	(11) EP3438246	(54) USE OF PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF POIKILODERMA OF CIVATTE
(31) 246804 P	(21) EP17774880.3	(73) Hexsel, Doris Maria
(32) 29.09.2009	(47) 26.08.2020	(72) Hexsel, Doris Maria
(33) United States of America	(87) JP2017012285 05.10.2017	(31) 102016062497 132017040053
(51) A61K 9/20	(22) 27.03.2017	(32) 22.03.2016 24.02.2017
A61K 9/28	(54) LAMINATE CONTAINING CELL SHEET, AGENT FOR TREATING CARDIAC DISEASES, AND FILM FOR BEING LAMINATED ON CELL SHEET	(33) Brazil Brazil
A61K 9/48	(73) FUJIFILM Corporation	(51) A61K 31/16 A61K 31/505 A61P 35/00 C07D 401/12 C07D 401/14 C07D 403/12 C07D 403/14
A61K 31/00	Terumo Kabushiki Kaisha	(11) EP3144292
(11) EP3332773	(72) NAKAMURA, Kentaro	(21) EP15780205.9
(21) EP18155036.9	SANO, Shinya	(47) 26.08.2020
(47) 26.08.2020	KURUMA, Yosuke	(87) CN2015076451 22.10.2015
(22) 14.03.2014	SAMESHIMA, Tadashi	(22) 13.04.2015
(54) STABILIZED MODIFIED RELEASE VITAMIN D FORMULATION AND METHOD OF ADMINISTERING SAME	(31) 2016065395	(54) 2,3,4,6-TETRA-SUBSTITUTED BENZENE-1,5-DIAMINE DERIVATIVES, PREPARATION METHOD THEREFOR AND MEDICINAL USE THEREOF
(73) OPKO Ireland Global Holdings, Limited	(32) 29.03.2016	(73) Yangtze River Pharmaceutical Group Co., Ltd.
(72) WHITE, Jay, A.	(33) Japan	SHANGHAI HAIYAN PHARMACEUTICAL TECHNOLOGY CO., LTD
MELNICK, Joel, Z.	(51) A61K 31/00	(72) LAN, Jiong JIN, Yunzhou
AGUDOAWU, Sammy, A.	A61K 31/663	
TABASH, Samir, P.	A61K 31/704	
(31) 201361801896 P	A61K 31/7068	
(32) 15.03.2013	A61K 39/395	
(33) United States of America	A61K 45/06	
(51) A61K 9/22	A61P 35/02	
A61K 31/4184	A61K 33/24	
(11) EP3275434	(11) EP3452092	
(21) EP16181467.8	(21) EP17721392.3	
(47) 26.08.2020	(47) 26.08.2020	
(22) 27.07.2016	(87) EP2017060756 09.11.2017	
(54) AN EXTENDED RELEASE ORAL DOSAGE FORM	(22) 05.05.2017	
(73) SANDOZ AG	(54) PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF CHEMORESISTANT ACUTE MYELOID LEUKEMIA (AML)	
(72) RANEBURGER, Johannes	(73) INSERM (Institut National de la Santé et de la Recherche Médicale)	
WIEDMANN, Markus	Université Paul Sabatier Toulouse III	
SCHWARZ, Franz Xaver	Centre Hospitalier Universitaire de Toulouse	
(51) A61K 9/48	(72) SARRY, Jean-Emmanuel	
A61K 9/66	RECHER, Christian	
A61K 31/714	DE TONI-COSTES, Fabienne	
A61K 47/04	AROUA, Nesrine	
A61K 47/44	(31) 16305531	
(11) EP3100721	(32) 06.05.2016	
(21) EP15742744.4	(33) European Patent Office (EPO)	
(47) 26.08.2020	(51) A61K 31/00	
(87) JP2015000291	A61K 39/395	
06.08.2015	(11) EP2563391	
(22) 22.01.2015		
(54) CAPSULE FORMULATION		
(73) Fuji Capsule Co., Ltd.		
(72) NAKANO, Hiroshi		
NISHIMURA, Naoki		

ZHOU, Fusheng	(11) EP3110849	DEMONG, Duane
HE, Qi	(21) EP15708907.9	GUO, Yan
HE, Xiangyu	(47) 26.08.2020	HU, Zhiyong
LV, Qiang	(87) NL2015050125	MILLER, Michael
(31) 201410148176	03.09.2015	PIO, Barbara
(32) 14.04.2014	(22) 27.02.2015	PLUMMER, Christopher, W.
(33) China	(54) ANTIBODY THAT BINDS ERBB-2 AND ERBB-3	XIAO, Dong
(51) A61K 31/167	(73) Merus N.V.	YANG, Cangming
A61P 25/28	(72) GEUIJEN, Cecilia Anna Wilhelmina	ZHANG, Rui
C07C 217/22	DE KRUIJF, Cornelis Adriaan	(31) 201461936597 P
C07C 217/58	THROSBY, Mark	(32) 06.02.2014
C07C 235/60	LOGTENBERG, Ton	(33) United States of America
C07C 235/64	BAKKER, Alexander Berthold Hendrik	(51) A61K 31/36
C07C 251/24	(31) 14157360	A61K 31/395
C07D 209/48	14167066	A61K 31/40
C07D 265/14	(32) 28.02.2014	A61K 31/426
C07D 265/36	05.05.2014	A61K 31/435
C07D 295/088	(33) European Patent Office (EPO)	A61K 31/438
(11) EP3323813	European Patent Office (EPO)	A61K 31/444
(21) EP17207865.1	(51) A61K 31/195	A61K 31/445
(47) 26.08.2020	(11) EP2986113	A61K 31/47
(22) 22.12.2011	(21) EP14785796.5	A61K 31/472
(54) HISTONE ACETYLTRANSFERASE MODULATORS AND USES THEREOF	(47) 26.08.2020	A61K 31/4741
(73) The Trustees of Columbia University in the City of New York	(87) US2014034142	A61K 31/485
(72) Francis, Yitshak	23.10.2014	A61K 31/495
Fa, Mauro	(22) 15.04.2014	A61K 31/5375
Arancio, Ottavio	(54) COMPOSITIONS AND METHODS FOR THE TREATMENT OF BRAIN INJURY	A61K 31/5377
Fiorito, Jole	(73) The Children's Hospital of Philadelphia	A61K 31/54
Deng, Shixian	(72) COHEN, Akiva, S.	A61K 31/551
Landry, Donald W.	(31) 201361812352 P	A61K 31/625
Luzac, Michal	201361883526 P	A61P 35/00
Feng, Yan	(32) 16.04.2013	(11) EP3054956
(31) 201061426033 P	27.09.2013	(21) EP14852472.1
201161539697 P	(33) United States of America	(47) 26.08.2020
201161541706 P	United States of America	(87) US2014058863
(32) 22.12.2010	(51) A61K 31/315	16.04.2015
27.09.2011	A61K 31/352	(22) 02.10.2014
30.09.2011	A61K 33/30	(54) METHOD FOR INHIBITING GROWTH OF CANCER CELLS
(33) United States of America	A61P 17/10	(73) Pain Therapeutics, Inc.
United States of America	(11) EP3364964	(72) WANG, Hoau-yan
United States of America	(21) EP16806279.2	BURNS, Lindsay Barbier
(51) A61K 31/167	(47) 26.08.2020	(31) 201361888350 P
A61P 27/02	(87) IB2016001634	201414497816
(11) EP3485883	27.04.2017	(32) 08.10.2013
(21) EP18207689.3	(22) 25.10.2016	26.09.2014
(47) 26.08.2020	(54) COMPOSITION BASED ON DIHYDROMYRICETIN AND A ZINC SALT FOR THE TREATMENT OF ACNE AND OILY SKIN	(33) United States of America
(22) 10.11.2011	(73) Thorel, Jean-Noël	United States of America
(54) METHODS OF TREATING EYE DISEASES ASSOCIATED WITH INFLAMMATION AND VASCULAR PROLIFERATION	(72) Thorel, Jean-Noël	(51) A61K 31/404
(73) OccuRx Pty Ltd	(31) 1560091	A61P 35/00
(72) KELLY, Darren James	(32) 22.10.2015	C07D 209/18
STAPLETON, David	(33) France	C07D 403/12
(31) 2010905197	(51) A61K 31/33	C07D 409/06
(32) 24.11.2010	A61K 31/34	(11) EP3434668
(33) Australia	C07C 15/14	(21) EP17769483.3
(51) A61K 31/185	(11) EP3102198	(47) 26.08.2020
A61K 31/337	(21) EP15745823.3	(87) CN2017078139
A61K 31/436	(47) 26.08.2020	28.09.2017
A61K 31/4375	(87) US2015014153	(22) 24.03.2017
A61K 31/4439	13.08.2015	(54) INDOLO-SUBSTITUTED-PIPERIDINE COMPOUNDS AS ESTROGEN RECEPTOR DEGRADING AGENT
A61K 31/519	(22) 03.02.2015	(73) Luoxin Pharmaceutical (Shanghai) Co., Ltd.
A61K 39/395	(54) ANTIDIABETIC COMPOUNDS	Shandong Luoxin Pharmaceutical Group Stock Co., Ltd.
C07K 16/30	(73) Merck Sharp & Dohme Corp.	(72) LU, Jianyu
C07K 16/32	(72) CHOBANIAN, Harry	DING, Charles Z.

- HU, Lihong  
HE, Huijun  
CHEN, Shuhui  
DONG, Jiaqiang  
WANG, Tie-Lin  
(31) 201610180518  
201610867918  
(32) 25.03.2016  
29.09.2016  
(33) China  
China
- 
- (51) A61K 31/4168  
A61K 31/4178  
A61K 31/4196  
A61K 31/551  
A61P 11/14  
A61P 29/00  
C07D 277/52  
C07D 285/08  
C07D 417/12  
(11) EP3390374  
(21) EP16820497.2  
(47) 26.08.2020  
(87) US2016066445  
22.06.2017  
(22) 14.12.2016  
(54) HYDROXYALKYLAMINE- AND  
HYDROXYCYCLOALKYLAMINE-  
SUBSTITUTED DIAMINE-  
ARYLSULFONAMIDE COMPOUNDS  
WITH SELECTIVE ACTIVITY IN  
VOLTAGE-GATED SODIUM CHANNELS  
(73) Merck Sharp & Dohme Corp.  
(72) GRESHOCK, Thomas, J.  
MULHEARN, James  
ZHENG, Junying  
KIM, Ronald, M.  
ZHANG, Ting  
ROECKER, Anthony, J.  
WON, Walter  
NANTERMET, Philippe  
ANAND, Rajan  
ZHOU, Gang  
WANG, Deping  
GUO, Liangqin  
(31) 201562269327 P  
201662290235 P  
201662420956 P  
(32) 18.12.2015  
02.02.2016  
11.11.2016  
(33) United States of America  
United States of America  
United States of America
- 
- (51) A61K 31/4196  
A61P 35/00  
C07D 249/12  
C07D 401/04  
C07D 401/12  
C07D 403/04  
C07D 403/12  
(11) EP3189046  
(21) EP15763755.4  
(47) 26.08.2020  
(87) US2015048174  
10.03.2016  
(22) 02.09.2015
- (54) THERAPEUTIC COMPOUNDS AND  
USES THEREOF  
(73) Genentech, Inc.  
Constellation Pharmaceuticals, Inc.  
(72) ALBRECHT, Brian K.  
COTE, Alexandre  
CRAWFORD, Terry  
DUPLESSIS, Martin  
GOOD, Andrew Charles  
LEBLANC, Yves  
MAGNUSON, Steven  
NASVESHUK, Christopher G.  
PASTOR, Richard  
ROMERO, F. Anthony  
TAYLOR, Alexander M.  
(31) 201462046770 P  
(32) 05.09.2014  
(33) United States of America
- 
- (51) A61K 31/42  
A61P 31/04  
C07D 261/08  
(11) EP3468957  
(21) EP17739696.7  
(47) 26.08.2020  
(87) IB2017053468  
21.12.2017  
(22) 12.06.2017  
(54) CRYSTALLINE FORM OF (R)-4-(5-  
(CYCLOPROPYLETHYNYL)ISOXAZOL-3-  
YL)-N-HYDROXY-2-METHYL-2-  
(METHYLSULFONYL)BUTANAMIDE AS  
AN ANTIBACTERIAL AGENT  
(73) NOVARTIS AG  
(72) FU, Jiping  
JIANG, Siyi  
KORDIKOWSKI, Andreas  
SWEENEY, Zachary Kevin  
(31) PCT/CN2016/085694  
(32) 14.06.2016  
(33) World Intellectual Property Office (WIPO)
- 
- (51) A61K 31/433  
A61K 31/4439  
A61P 35/00  
C07D 513/04  
(11) EP3484892  
(21) EP17742219.3  
(47) 26.08.2020  
(87) EP2017067908  
18.01.2018  
(22) 14.07.2017  
(54) 1,2,4-TRIAZOLO-[3,4-B]-1,3,4-  
THIADIAZOLE DERIVATIVES  
(73) Galenica S.A.  
Energobio Technologies S.A.  
(72) TRAFALIS, Dimitrios  
(31) 20160100380  
(32) 14.07.2016  
(33) Greece
- 
- (51) A61K 31/433  
A61P 35/00  
A61P 37/00  
C07D 285/135  
C07D 417/06  
C07D 417/08  
C07D 417/14  
(11) EP3092236  
(21) EP15705845.4  
(47) 26.08.2020
- (87) IB2015050075  
09.07.2015  
(22) 05.01.2015  
(54) NOVEL GLUTAMINASE INHIBITORS  
(73) Rhizen Pharmaceuticals S.A.  
(72) BHAVAR, Prashant Kashinath  
VAKKALANKA, Swaroop Kumar Venkata  
Satya  
VISWANADHA, Srikant  
SWAROOP, Merikapudi Gayatri  
BABU, Govindarajulu  
(31) 36CH2014  
39CH2014  
2639CH2014  
2647CH2014  
2783CH2014  
3525CH2014  
3612CH2014  
3613CH2014  
5438CH2014  
(32) 06.01.2014  
06.01.2014  
29.05.2014  
29.05.2014  
06.06.2014  
18.07.2014  
24.07.2014  
24.07.2014  
31.10.2014  
(33) India  
India  
India  
India  
India  
India  
India  
India  
India
- 
- (51) A61K 31/436  
A61K 31/519  
A61K 31/573  
A61K 38/17  
A61K 39/00  
A61K 45/06  
A61P 25/28  
A61P 29/00  
A61P 37/02  
A61P 37/06  
C07K 14/47  
C12N 15/62  
(11) EP3089753  
(21) EP14874099.6  
(47) 26.08.2020  
(87) US2014072484  
02.07.2015  
(22) 29.12.2014  
(54) METHODS AND COMPOSITIONS  
RELATING TO P62/SQSTM1 FOR  
THE TREATMENT AND PREVENTION  
OF INFLAMMATION-ASSOCIATED  
DISEASES  
(73) Curelab Oncology, Inc.  
(72) VENANZI, Franco  
CONCETTI, Antonio  
SABBIETI, Maria Giovanna  
AGAS, Dimitrios  
GABAI, Vladimir  
SHIFRIN, Victor



- SHERMAN, Michael (47) 26.08.2020  
 SHNEIDER, Alexander (87) US2017057566  
 (31) 201361921504 P 03.05.2018  
 201461949597 P (22) 20.10.2017  
 (32) 29.12.2013 (54) FUSED BICYCLIC PYRIDINE  
 07.03.2014 COMPOUNDS AND THEIR USE AS  
 (33) United States of America AMPA RECEPTOR MODULATORS  
 United States of America (73) Janssen Pharmaceutica NV  
 (51) A61K 31/436 (72) AMERIKS, Michael K.  
 A61P 35/00 GYURIS, Máriaó  
 C12Q 1/68 LAFORTEZA, Brian Ngo  
 (11) EP2971122 LEBOLD, Terry Patrick  
 (21) EP14763457.0 MEYER, Stephen Todd  
 (47) 26.08.2020 RAVULA, Suchitra  
 (87) US2014028867 SAVALL, Brad M.  
 18.09.2014 SHIREMAN, Brock T.  
 (22) 14.03.2014 WADE, Warren Stanfield  
 (54) BIOMARKERS FOR RESPONSE TO GERENCSEÉR, János  
 RAPAMYCIN ANALOGS (31) 201662412868 P  
 (73) Memorial Sloan Kettering Cancer Center (32) 26.10.2016  
 (72) HSIEH, James, J. (33) United States of America  
 BERGER, Michael (51) A61K 31/4375  
 MOTZER, Robert A61K 31/444  
 VOSS, Martin, H. A61P 1/00  
 HAKIMI, A., Ari A61P 7/06  
 PHAM, Can A61P 9/00  
 CHENG, Emily A61P 19/02  
 BRANNON, Rose A61P 21/00  
 XU, Jianing A61P 29/00  
 (31) 201361798020 P C07D 471/04  
 201361852109 P (11) EP3287456  
 (32) 15.03.2013 (21) EP15887309.1  
 15.03.2013 (47) 26.08.2020  
 (33) United States of America (87) CN2015097245  
 United States of America 06.10.2016  
 (51) A61K 31/437 (22) 14.12.2015  
 A61P 9/00 (54) COMPOUND OF 5-HYDROXYL-1,7-  
 A61P 11/06 NAPHTHYRIDINE SUBSTITUTED  
 A61P 25/00 BY ARYL OR HETEROARYL,  
 A61P 35/00 PREPARATION METHOD THEREOF  
 A61P 37/00 AND PHARMACEUTICAL USE  
 C07D 471/04 THEREOF (11) EP3250291  
 (11) EP3250572 (73) Shenyang Sunshine Pharmaceutical Co.,  
 (21) EP16742762.4 Ltd. (21) EP16744245.8  
 (47) 26.08.2020 (72) ZHOU, Yunlong (47) 26.08.2020  
 (87) CN2016072341 CAI, Suixiong (87) US2016015843  
 04.08.2016 WANG, Guangfeng 04.08.2016  
 (22) 27.01.2016 JIAO, Lingling (22) 29.01.2016  
 (54) SUBSTITUTED IMIDAZO [1, 2- JING, Ping (54) CRYSTALLINE C21H22C12N4O2  
 A]PYRIDIN-2-YLAMINE COMPOUNDS, MIN, Ping MALONATE  
 AND PHARMACEUTICAL JING, Yu (73) Biomed Valley Discoveries, Inc.  
 COMPOSITIONS AND METHODS OF GUO, Ming (72) DECRESCENZO, Gary  
 USE THEREOF (31) 201510141555 WELSCH, Dean  
 (73) Shanghai Fudan-Zhangjiang Bio- (32) 27.03.2015 SELBO, Jon G.  
 Pharmaceutical Co., Ltd. (33) China ALBERT, Ekaterina V.  
 (72) LI, Jin (51) A61K 31/439 RIGSBEE, Emily M.  
 WU, Shung A61K 31/444 (31) 201562110446 P  
 YANG, Minmin A61K 31/4545 (32) 30.01.2015  
 CHEN, Sean A61K 31/4709 (33) United States of America  
 HAO, Wenshan A61K 31/496  
 (31) 201562109028 P A61P 31/04 (51) A61K 31/4439  
 28.01.2015 C07D 471/08 A61P 1/04  
 (33) United States of America (11) EP2931723 C07D 401/12  
 (51) A61K 31/437 (21) EP12889814.5 (11) EP3219710  
 A61P 25/28 (47) 26.08.2020 (21) EP15859374.9  
 C07D 487/04 (87) IB2012002675 (47) 26.08.2020  
 19.06.2014 (87) CN2015094120  
 (11) EP3532477 (22) 11.12.2012 19.05.2016  
 (21) EP17794524.3 (22) 09.11.2015
- (54) NEW BICYCLIC COMPOUNDS AND  
 THEIR USE AS ANTIBACTERIAL  
 AGENTS AND -LACTAMASE  
 INHIBITORS  
 (73) Fedora Pharmaceuticals Inc.  
 (72) MAITI, Samarendra N.  
 NGUYEN, Dai  
 KHAN, Jehangir  
 LING, Rong  
 (51) A61K 31/4439  
 A61K 31/454  
 A61K 31/496  
 A61K 31/5355  
 A61P 25/02  
 A61P 25/16  
 A61P 25/24  
 A61P 25/28  
 C07D 413/04  
 C07D 413/14  
 (11) EP3362447  
 (21) EP16787974.1  
 (47) 26.08.2020  
 (87) US2016056716  
 20.04.2017  
 (22) 13.10.2016  
 (54) SELECTIVE NR2B ANTAGONISTS  
 (73) Bristol-Myers Squibb Company  
 (72) ISLAM, Imadul  
 THANGATHIRUPATHY, Srinivasan  
 WARRIER, Jayakumar Sankara  
 CHERUKU, Srinivas  
 SHETTY, Poornima  
 MACOR, John E.  
 (31) 3309DE2015  
 (32) 14.10.2015  
 (33) India  
 (51) A61K 31/4439  
 A61K 45/06  
 A61P 35/00  
 C07C 55/08  
 C07D 401/04  
 (11) EP3250291  
 (21) EP16744245.8  
 (47) 26.08.2020  
 (87) US2016015843  
 04.08.2016  
 (22) 29.01.2016  
 (54) CRYSTALLINE C21H22C12N4O2  
 MALONATE  
 (73) Biomed Valley Discoveries, Inc.  
 (72) DECRESCENZO, Gary  
 WELSCH, Dean  
 SELBO, Jon G.  
 ALBERT, Ekaterina V.  
 RIGSBEE, Emily M.  
 (31) 201562110446 P  
 (32) 30.01.2015  
 (33) United States of America  
 (51) A61K 31/4439  
 A61P 1/04  
 C07D 401/12  
 (11) EP3219710  
 (21) EP15859374.9  
 (47) 26.08.2020  
 (87) CN2015094120  
 19.05.2016  
 (22) 09.11.2015

(54) CRYSTAL FORM OF POTASSIUM-COMPETITIVE ACID BLOCKERS AND PREPARATION METHOD THEREFOR	(32) 12.11.2015	A61K 39/39
(73) Jiangsu Hansoh Pharmaceutical Group Co., Ltd.	(33) United States of America	A61P 17/12
(72) TANG, Hongwei	(51) A61K 31/4545	A61P 31/14
SUN, Changan	A61K 31/519	A61P 31/20
WANG, Ruijun	A61K 31/55	A61P 35/00
YUAN, Hengli	A61P 35/00	C07F 9/6561
(31) 201410637759	C07D 471/04	(11) EP3390417
(32) 12.11.2014	(11) EP3357922	(21) EP16809802.8
(33) China	(21) EP16850109.6	(47) 26.08.2020
(51) A61K 31/444	(47) 26.08.2020	(87) EP2016080645
A61K 31/506	(87) CN2016084056	22.06.2017
A61K 45/06	06.04.2017	(22) 12.12.2016
A61P 29/00	(22) 31.05.2016	(54) PEGYLATED IMIDAZOQUINOLINES AS
A61P 35/00	(54) 2-((5-(1-(3-(METHYLSULFONYL)PROPYL)PIPERIDIN-2-YL)PYRIDIN-2-YL)AMINO)PYRIDO[2,3-D]PYRIMIDIN-7(8H)-ONE DERIVATIVES AND RELATED COMPOUNDS AS CDK4 INHIBITORS FOR TREATING TUMORS	TLR7 AND TLR8 AGONISTS
C07D 239/94	(73) Guangzhou Bebetter Medicine Technology Co., Ltd.	(73) GlaxoSmithKline Biologicals S.A.
C07D 405/04	(72) CAI, Xiong	(72) BAZIN-LEE, Helene, G
(11) EP3200790	QIAN, Changgeng	JOHNSON, David, A
(21) EP15847644.0	LI, Junqi	(31) 201562266880 P
(47) 26.08.2020	QING, Yuanhui	(32) 14.12.2015
(87) US2015052106	WANG, Yanyan	(33) United States of America
07.04.2016	XUE, Weicai	(51) A61K 31/475
(22) 25.09.2015	YOU, Huajin	A61K 31/704
(54) INHIBITORS OF IRAK4 ACTIVITY	(31) 201510646418	A61K 49/00
(73) Merck Sharp & Dohme Corp.	(32) 30.09.2015	A61K 49/18
(72) ALTMAN, Michael D.	(33) China	C07K 7/06
ANDRESEN, Brian M.	(51) A61K 31/465	C07K 7/08
BRUBAKER, Jason D.	A24B 15/167	A61K 47/62
DONOFRIO, Anthony	(11) EP3214956	A61K 47/64
FISCHMANN, Thierry	(21) EP15794253.3	A61K 47/69
GIBEAU, Craig R.	(47) 26.08.2020	(11) EP3402484
LESBURG, Charles A.	(87) GB2015053368	(21) EP17738839.4
LIM, Jongwon	12.05.2016	(47) 26.08.2020
MACLEAN, John K. F.	(22) 06.11.2015	(87) US2017012962
MANSOOR, Umar F.	(54) SOLUTION COMPRISING NICOTINE IN UNPROTONATED FORM AND PROTONATED FORM	20.07.2017
NORTHROP, Alan B.	(73) Nicoventures Holdings Limited	(22) 11.01.2017
SANDERS, John M.	(72) MCADAM, Kevin Gerard	(54) PEPTIDE-CONJUGATED NANOPARTICLES FOR TARGETING, IMAGING, AND TREATMENT OF PROSTATE CANCER
SMITH, Graham F.	BRUTON, Connor	(73) Academia Sinica
TORRES, Luis	(31) 201419865	(72) WU, Han-Chung
(31) 201462057703 P	(32) 07.11.2014	YEH, Chen-Yun
(32) 30.09.2014	(33) United Kingdom	(31) 201662278295 P
(33) United States of America	(51) A61K 31/4745	(32) 13.01.2016
(51) A61K 31/451	A61K 31/506	(33) United States of America
A61P 25/28	A61K 31/7072	(51) A61K 31/496
C07D 211/06	A61P 35/00	A61K 31/506
C07D 401/04	A61P 43/00	A61P 15/00
(11) EP3373933	(11) EP2979701	A61P 25/00
(21) EP16864812.9	(21) EP14773672.2	A61P 25/14
(47) 26.08.2020	(47) 26.08.2020	A61P 25/16
(87) US2016060768	(87) JP2014058732	A61P 25/18
18.05.2017	02.10.2014	A61P 25/20
(22) 07.11.2016	(22) 27.03.2014	A61P 25/22
(54) BISPIPERIDINYL DERIVATIVES AS LIVER X RECEPTOR BETA AGONISTS, COMPOSITIONS, AND THEIR USE	(54) ANTITUMOR AGENT INCLUDING IRINOTECAN HYDROCHLORIDE HYDRATE	A61P 25/24
(73) Merck Sharp & Dohme Corp.	(73) Taiho Pharmaceutical Co., Ltd.	A61P 25/28
(72) STACHEL, Shawn, J.	(72) OKABE, Hiroyuki	A61P 25/30
BENNETT, David Jonathan	(31) 2013066073	A61P 29/00
BRNARDIC, Edward, J.	(32) 27.03.2013	C07D 403/12
LIVERTON, Nigel, J.	(33) Japan	C07D 417/12
MANLEY, Peter, J.	(51) A61K 31/4745	(11) EP3027607
MENG, Zhaoyang	(72) OKABE, Hiroyuki	(21) EP14831644.1
NANDA, Kausik, K.	(31) 2013066073	(47) 26.08.2020
RUDD, Michael, T.	(32) 27.03.2013	(87) CN2014083135
WAI, Jenny	(33) Japan	05.02.2015
(31) 201562254465 P	(51) A61K 31/4745	(22) 28.07.2014

- (54) SUBSTITUTED HETEROARYL COMPOUNDS AND METHODS OF USE THEREOF  
(73) Sunshine Lake Pharma Co., Ltd.  
(72) ZHANG, Yingjun  
JIN, Chuanfei  
ZHOU, Rongqi  
(31) 201310322334  
(32) 29.07.2013  
(33) China
- 
- (51) A61K 31/4985  
C07D 471/04  
(11) EP3253755  
(21) EP16702810.9  
(47) 26.08.2020  
(87) IB2016050384  
11.08.2016  
(22) 26.01.2016  
(54) NOVEL  
CYCLOPROPABENZOFURANYL  
PYRIDOPYRAZINEDIONES  
(73) Pfizer Inc.  
(72) PETTERSSON, Martin Youngjin  
AM ENDE, Christopher William  
JOHNSON, Douglas Scott  
KAUFFMAN, Gregory Wayne  
STEPAN, Antonia Friederike  
VERHOEST, Patrick Robert  
(31) 201562111222 P  
(32) 03.02.2015  
(33) United States of America
- 
- (51) A61K 31/5025  
A61K 31/519  
A61P 37/00  
C07D 487/04  
(11) EP3313844  
(21) EP16734832.5  
(47) 26.08.2020  
(87) US2016038862  
29.12.2016  
(22) 23.06.2016  
(54) HETEROARYL SUBSTITUTED  
AMINOPYRIDINE COMPOUNDS  
(73) Bristol-Myers Squibb Company  
(72) DUNCIA, John V.  
GARDNER, Daniel S.  
HYNES, John  
MACOR, John E.  
SANTELLA, Joseph B.  
WU, Hong  
NAIR, Satheesh Kesavan  
PAIDI, Venkatram Reddy  
SARKUNAM, Kandhasamy  
SISTLA, Ramesh Kumar  
POLIMERA, Subba Rao  
(31) 1880DE15  
(32) 24.06.2015  
(33) India
- 
- (51) A61K 31/506  
C07D 401/14  
C07D 403/14  
C07D 405/14  
C07D 487/08  
C07D 487/10  
C07D 491/107  
(11) EP3400221  
(21) EP17701205.1  
(47) 26.08.2020
- (87) US2017012135  
13.07.2017  
(22) 04.01.2017  
(54) PYRAZOL / IMIDAZOL SUBSTITUTED  
PYRIDINES AS PI3K-GAMMA  
INHIBITORS  
(73) Incyte Corporation  
(72) SPARKS, Richard B.  
SHEPARD, Stacey  
COMBS, Andrew P.  
BUESKING, Andrew W.  
SHAO, Lixin  
WANG, Haisheng  
FALAHATPISHEH, Nikoo  
(31) 201662274942 P  
(32) 05.01.2016  
(33) United States of America
- 
- (51) A61K 31/517  
A61K 31/519  
A61P 35/00  
C07D 403/04  
C07D 471/04  
C07D 491/048  
C07D 491/052  
(11) EP3097092  
(21) EP15705122.8  
(47) 26.08.2020  
(87) US2015011921  
23.07.2015  
(22) 19.01.2015  
(54) FUSED PYRIMIDINES AS INHIBITORS  
OF P97 COMPLEX  
(73) Cleave Biosciences, Inc.  
(72) WUSTROW, David  
ZHOU, Han-Jie  
(31) 201461929382 P  
(32) 20.01.2014  
(33) United States of America
- 
- (51) A61K 31/517  
A61P 9/12  
C07D 239/90  
(11) EP3556747  
(21) EP17904901.0  
(47) 26.08.2020  
(87) CN2017084079  
11.10.2018  
(22) 12.05.2017  
(54) COMPOUND FOR ENHANCING  
THE COUPLING DEGREE OF  
COMPLEX TRPV4-KCA2.3 ^AND ANTI-  
HYPERTENSION APPLICATIONS  
THEREOF  
(73) Jiangnan University  
(72) MA, Xin  
HE, Dongxu  
TANG, Chunlei  
ZHANG, Peng  
CHEN, Zhen  
CAI, Yanfei  
(31) 201710224218  
(32) 07.04.2017  
(33) China
- 
- (51) A61K 31/519  
A61P 31/12  
A61P 35/00  
A61P 37/00  
C07D 471/04  
(11) EP3507288
- (21) EP17765343.3  
(47) 26.08.2020  
(87) US2017049573  
08.03.2018  
(22) 31.08.2017  
(54) 4,6-DIAMINO-PYRIDO[3,2-  
D]PYRIMIDINE DERIVATIVES AS TOLL  
LIKE RECEPTOR MODULATORS  
(73) Gilead Sciences, Inc.  
(72) CHIN, Gregory  
MACKMAN, Richard L.  
MISH, Michael R.  
ZABLOCKI, Jeff  
(31) 201662383098 P  
(32) 02.09.2016  
(33) United States of America
- 
- (51) A61K 31/551  
A61K 31/553  
A61K 31/554  
A61P 29/00  
A61P 35/00  
A61P 37/00  
C07D 223/16  
C07D 243/12  
C07D 267/14  
C07D 281/10  
(11) EP3204360  
(21) EP15848282.8  
(47) 26.08.2020  
(87) CN2015091614  
14.04.2016  
(22) 10.10.2015  
(54) THERAPEUTIC COMPOUNDS AND  
USES THEREOF  
(73) Genentech, Inc.  
Constellation Pharmaceuticals, Inc.  
(72) ROMERO, F. Anthony  
MAGNUSON, Steven R.  
PASTOR, Richard  
TSUI, Vickie Hsiao-Wei  
MURRAY, Jeremy  
CRAWFORD, Terry  
BURDICK, Daniel J.  
ALBRECHT, Brian K.  
COTE, Alexandre  
TAYLOR, Alexander M.  
NASVESCHUK, Christopher G.  
LEBLANC, Yves  
HEWITT, Michael Charles  
LAI, Kwong Wah  
CHEN, Kevin  
(31) PCT/CN2014/088315  
(32) 10.10.2014  
(33) World Intellectual Property Office (WIPO)
- 
- (51) A61K 31/5517  
A61P 35/02  
C07D 471/04  
C07D 491/10  
C07D 498/08  
C07D 519/00  
(11) EP3371191  
(21) EP16860602.8  
(47) 26.08.2020  
(87) US2016058614  
04.05.2017  
(22) 25.10.2016

- (54) NOVEL TRICYCLIC COMPOUNDS AS INHIBITORS OF MUTANT IDH ENZYMES  
 (73) Merck Sharp & Dohme Corp.  
 (72) WITTER, David, J.  
 BIFTU, Tesfaye  
 BIJU, Purakkattal  
 BOGEN, Stephane, L.  
 HONG, Qingmei  
 HUANG, Chunhui  
 HUANG, Xianhai  
 LI, Bing  
 PARK, Min, K.  
 SLOMAN, David, L.  
 (31) 201562247930 P  
 (32) 29.10.2015  
 (33) United States of America  
 (51) A61K 31/663  
 A61K 33/10  
 A61P 19/10  
 A61K 35/612  
 (11) EP2790710  
 (21) EP12857932.3  
 (47) 26.08.2020  
 (87) IL2012050521  
 20.06.2013  
 (22) 13.12.2012  
 (54) AMORPHOUS CALCIUM CARBONATE FOR THE TREATMENT OF CALCIUM MALABSORPTION AND METABOLIC BONE DISORDERS  
 (73) Amorphical Ltd.  
 (72) SAGI, Amir  
 SHECHTER, Assaf  
 SHALTIEL-GOLD, Galit  
 DANIELY, Michal  
 MEIRON, Oren  
 (31) 201161569805 P  
 201261680721 P  
 (32) 13.12.2011  
 08.08.2012  
 (33) United States of America  
 United States of America  
 (51) A61K 31/704  
 A61K 38/07  
 A61K 39/395  
 A61P 35/00  
 A61P 43/00  
 C07K 16/00  
 C07K 16/28  
 C07K 16/30  
 C07K 16/32  
 A61K 47/42  
 A61K 47/68  
 (11) EP2818480  
 (21) EP13752075.5  
 (47) 26.08.2020  
 (87) KR2013001417  
 29.08.2013  
 (22) 22.02.2013  
 (54) MODIFIED ANTIBODY IN WHICH MOTIF COMPRISING CYSTEINE RESIDUE IS BOUND, MODIFIED ANTIBODY-DRUG CONJUGATE COMPRISING THE MODIFIED ANTIBODY, AND PRODUCTION METHOD FOR SAME  
 (73) Alteogen Inc.  
 (72) PARK, Soon Jae  
 CHUNG, Hye-Shin  
 KWON, Seonhun  
 LEE, Sunbae  
 YOU, Sun-Ah  
 KIM, Yong Mo  
 (31) 20120019221  
 (32) 24.02.2012  
 (33) Korea (Republic)  
 (51) A61K 31/7048  
 A61P 11/00  
 A61P 37/00  
 C07H 17/04  
 (11) EP3310799  
 (21) EP16811906.3  
 (47) 26.08.2020  
 (87) KR2016006318  
 22.12.2016  
 (22) 15.06.2016  
 (54) A NOVEL COMPOUND (KS 513) ISOLATED FROM PSEUDOLYSIMACHION ROTUNDUM VAR. SUBINTEGRUM AND THE COMPOSITION COMPRISING THE SAME AS AN ACTIVE INGREDIENT FOR PREVENTING OR TREATING ALLERGY DISEASE, INFLAMMATORY DISEASE, ASTHMA OR CHRONIC OBSTRUCTIVE PULMONARY DISEASE  
 (73) Yungjin Pharmaceutical Co., Ltd.  
 Korea Research Institute of Bioscience and Biotechnology  
 (72) LEE, Yongnam  
 YOO, Ji-Seok  
 SHIN, Dae-Hee  
 RYOO, Byung-Hwan  
 OH, Sei-Ryang  
 AHN, Kyung-Seop  
 LEE, Hyeong-Kyu  
 LEE, Su Ui  
 SONG, Hyuk-Hwan  
 RYU, Hyung Won  
 (31) 20150085752  
 (32) 17.06.2015  
 (33) Korea (Republic)  
 (51) A61K 31/7056  
 A61P 9/10  
 (11) EP3269374  
 (21) EP16200118.4  
 (47) 26.08.2020  
 (22) 02.10.2009  
 (54) AICA RIBOSIDE ANALOGS FOR TREATMENT OF ACUTE DECOMPENSATED HEART FAILURE  
 (73) ViCardia Therapeutics, Inc.  
 (72) STOVER, Richard R.  
 (31) 102769 P  
 (32) 03.10.2008  
 (33) United States of America  
 (51) A61K 31/7076  
 A61P 3/10  
 (11) EP3116511  
 (21) EP14885694.1  
 (47) 26.08.2020  
 (87) US2014029542  
 17.09.2015  
 (22) 14.03.2014  
 (54) COMPOSITIONS OF SELENOORGANIC COMPOUNDS AND METHODS OF USE THEREOF  
 (73) Alltech, Inc.  
 (72) POWER, Ronan  
 LAN, Zi-Jian  
 YIANNIKOURIS, Alexandros  
 (51) A61K 31/711  
 A61P 35/00  
 C12N 15/115  
 (11) EP3344772  
 (21) EP16842876.1  
 (47) 26.08.2020  
 (87) US2016049643  
 09.03.2017  
 (22) 31.08.2016  
 (54) ANTAGONISTIC PDL1 APTAMERS AND THEIR APPLICATIONS IN CANCER THERAPY  
 (73) National Taiwan University  
 Academia Sinica  
 (72) YANG, Pan-Chyr  
 LAI, Wei-Yun  
 HUANG, Bo-Tsang  
 (31) 201562212772 P  
 (32) 01.09.2015  
 (33) United States of America  
 (51) A61K 31/713  
 A61P 35/00  
 C12N 15/11  
 A61K 47/64  
 (11) EP3127915  
 (21) EP15773773.5  
 (47) 26.08.2020  
 (87) JP2015060353  
 08.10.2015  
 (22) 01.04.2015  
 (54) RBP-DERIVED TARGETING MOLECULE AND UTILIZATION THEREOF  
 (73) Nitto Denko Corporation  
 (72) MINOMI, Kenjiro  
 TAKAHASHI, Hirokazu  
 TERADA, Erika  
 NIITSU, Yoshiro  
 (31) 2014075953  
 (32) 02.04.2014  
 (33) Japan  
 (51) A61K 33/08  
 A61K 33/42  
 A61L 27/12  
 A61L 27/18  
 A61L 27/46  
 A61L 27/56  
 B33Y 80/00  
 B33Y 70/00  
 (11) EP3366319  
 (21) EP17020409.3  
 (47) 26.08.2020  
 (22) 07.09.2017  
 (54) THREE-DIMENSIONAL STRUCTURES BASED ON HYDROXYAPATITE AND POLYURETHANE DIOL OBTAINED THROUGH 3D PRINTING TECHNOLOGY  
 (73) National Research-Development Institute for Non-ferrous and Rare Metals (IMNR)

University of Medicine and Pharmacy "Carol Davila" SC SITEX 45 SRL	11.11.2008 (33) United States of America United States of America	(54) C-MET PROTEIN AGONIST (73) The University of Tokyo (72) SUGA, Hiroaki ITO, Kenichiro
(72) Popescu, Laura Madalina Piticescu, Roxana Mioara Motoc, Adrian Mihail Voinea, Liliana Mary Gradinaru (Istrate), Sînziana Luminita Ulieru, Dumitru Topor, Alexandru	(51) A61K 38/00 A61K 39/39 A61P 37/04 C07K 7/08 (11) EP3199543 (21) EP15844602.1 (47) 26.08.2020 (87) JP2015077139 31.03.2016 (22) 25.09.2015 (54) NOVEL PEPTIDE AND USE THEREOF (73) Osaka University (72) NAKAGAMI, Hironori MORISHITA, Ryuichi KORIYAMA, Hiroshi TENMA, Akiko (31) 2014197386 (32) 26.09.2014 (33) Japan	(31) 2013214771 (32) 15.10.2013 (33) Japan (51) A61K 38/00 C07K 14/54 C07K 14/55 C07K 14/565 C07K 14/705 C07K 14/715 C07K 16/30 C12N 9/64 (11) EP3233920 (21) EP15871152.3 (47) 26.08.2020 (87) US2015066610 23.06.2016 (22) 18.12.2015 (54) SINGLE CHAIN FC FUSION PROTEINS (73) Alkermes, Inc. (72) ALVARAZ, Juan MOUSTAKAS, Demetri, T. BRODKIN, Heather, R. MCSWEENEY, Leslie, A.
(31) 102 (32) 23.02.2017 (33) Romania	(31) 201361811525 P (32) 12.04.2013 (33) United States of America	(31) 201462094242 P (32) 19.12.2014 (33) United States of America
(51) A61K 35/12 (11) EP2983680 (21) EP14782499.9 (47) 26.08.2020 (87) US2014034015 16.10.2014 (22) 14.04.2014 (54) IMPROVING ORGANS FOR TRANSPLANTATION (73) ABT Holding Company Houston Methodist Hospital (72) LA FRANCESCA Saverio TING Anthony E. DEANS Robert J.	(51) A61K 38/00 A61K 48/00 C12N 15/11 (11) EP2892568 (21) EP13835605.0 (47) 26.08.2020 (87) US2013058220 13.03.2014 (22) 05.09.2013 (54) COMPOSITIONS AND METHODS FOR INHIBITING HYPOXIA INDUCED DAMAGE (73) F.Hoffmann-La Roche AG Health Research, Inc. (72) KANDEL, Eugene ZYNDA, Evan SCHOTT, Brigitte (31) 201261697366 P 201361779256 P (32) 06.09.2012 13.03.2013 (33) United States of America United States of America	(31) 201462094242 P (32) 19.12.2014 (33) United States of America (51) A61K 38/02 A61K 38/17 A61K 38/18 A61K 39/00 A61K 39/395 A61K 45/06 C07K 16/18 (11) EP3262069 (21) EP16706426.0 (47) 26.08.2020 (87) GB2016050439 01.09.2016 (22) 22.02.2016 (54) USE OF ANTIBODIES AND ANTAGONISTS DIRECTED AGAINST LRG1 IN TREATMENT (73) UCL BUSINESS LTD (72) TRIPATHI, Vineeta SHERIDAN, Rose GREENWOOD, John MOSS, Stephen (31) 201503438 (32) 27.02.2015 (33) United Kingdom
(31) 201361811525 P (32) 12.04.2013 (33) United States of America	(51) A61K 36/06 A61K 36/064 A61P 37/08 (11) EP2822567 (21) EP13707872.1 (47) 26.08.2020 (87) EP2013054483 12.09.2013 (22) 06.03.2013 (54) YEAST EXTRACT FOR TREATING ALLERGIES (73) Gramme-Revit GmbH (72) LEIBOLD, Wolfgang DUSEK, Niels (31) 102012101864 (32) 06.03.2012 (33) Germany	(51) A61K 38/02 A61K 38/17 A61K 38/18 A61K 39/00 A61K 39/395 A61K 45/06 C07K 16/18 (11) EP3262069 (21) EP16706426.0 (47) 26.08.2020 (87) GB2016050439 01.09.2016 (22) 22.02.2016 (54) USE OF ANTIBODIES AND ANTAGONISTS DIRECTED AGAINST LRG1 IN TREATMENT (73) UCL BUSINESS LTD (72) TRIPATHI, Vineeta SHERIDAN, Rose GREENWOOD, John MOSS, Stephen (31) 201503438 (32) 27.02.2015 (33) United Kingdom
(51) A61K 38/00 (11) EP3470077 (21) EP18201960.4 (47) 26.08.2020 (22) 12.02.2009 (54) METHOD TO PREDICT RESPONSE TO PHARMACOLOGICAL CHAPERONE TREATMENT OF DISEASES (73) Amicus Therapeutics, Inc. (72) BENJAMIN, Elfrida DO, Hung V WU, Xiaoyang FLANAGAN, John WUSTMAN, Brandon	(51) A61K 38/00 A61P 1/16 A61P 9/00 A61P 9/04 A61P 9/10 A61P 11/00 A61P 13/12 A61P 17/02 A61P 21/02 C07K 1/06 C07K 7/54 C07K 7/64 C07K 14/71 C07K 19/00 C12N 15/09 (11) EP3059244 (21) EP14853408.4 (47) 26.08.2020 (87) JP2014077437 23.04.2015 (22) 15.10.2014	(51) A61K 38/17 A61P 9/10 C07K 14/705 C12Q 1/60 G01N 33/50 G01N 33/92 (11) EP3292144 (21) EP16790128.9 (47) 26.08.2020 (87) US2016031109 10.11.2016 (22) 06.05.2016
(31) 28141 P 35684 P 93631 P 113496 P (32) 12.02.2008 11.03.2008 02.09.2008	(31) 28141 P 35684 P 93631 P 113496 P (32) 12.02.2008 11.03.2008 02.09.2008	(31) 28141 P 35684 P 93631 P 113496 P (32) 12.02.2008 11.03.2008 02.09.2008

(54) USE OF CD24 FOR LOWERING LOW-DENSITY LIPOPROTEIN CHOLESTEROL LEVELS	(31) 201361888713 P (32) 09.10.2013 (33) United States of America	(22) 17.05.2004 (54) FUSION PROTEINS FOR TREATMENT OF CNS
(73) Oncolmmune, Inc.	(51) A61K 38/20	(73) Acorda Therapeutics, Inc.
(72) LIU, Yang ZHENG, Pan	C07K 14/55 C12N 15/12	(72) GRUSKIN, Elliott. A. CAGGIANO, Anthony. O.
(31) 201562158157 P	(11) EP2382228	ROY, Gargi
(32) 07.05.2015	(21) EP10733814.7	IACI, Jennifer
(33) United States of America	(47) 26.08.2020	ZIMBER, Michael. P.
(51) A61K 38/18 A61K 38/36 A61P 31/04 C07K 14/485 C07K 14/745	(87) US2010021519 29.07.2010 (22) 20.01.2010 (54) COMPOSITIONS AND METHODS OF TREATING INFLAMMATORY AND AUTOIMMUNE DISEASES	(31) 471236 471239 471240 471300 474372
(11) EP3006460	(73) Amgen Inc.	(32) 16.05.2003
(21) EP14803694.0	(72) GAVIN, Marc. A.	16.05.2003
(47) 26.08.2020	LI, Li	16.05.2003
(87) CN2014077789 04.12.2014	(31) 146111 P	29.05.2003
(22) 19.05.2014	(32) 21.01.2009	(33) United States of America
(54) HUMAN SOURCE EGF STRUCTURAL DOMAIN PROTEIN AND APPLICATION OF SAME	(33) United States of America	United States of America
(73) CHENGDU SOURCEBIO LIMITED-LIABILITY COMPANY	(51) A61K 38/36 A61P 7/00	United States of America
(72) SONG, Xu LI, Ling CHEN, JinWu MA, Deng Jiao	(11) EP3332800 (21) EP18153676.4 (47) 26.08.2020 (22) 16.06.2015 (54) IMMUNOGLOBULIN SINGLE VARIABLE DOMAINS FOR USE IN METHODS OF TREATING TTP	United States of America
(31) 201310206726 201410182727	(73) Ablynx NV	(51) A61K 39/00 A61K 39/395 A61P 35/00 C07K 16/28
(32) 29.05.2013 30.04.2014	(72) DUBY, Christian	(11) EP3334457 (21) EP16753327.2 (47) 26.08.2020 (87) EP2016069055 16.02.2017
(33) China China	(31) 2013007 201462030817 P	(22) 10.08.2016
(51) A61K 38/18 A61P 35/00	(32) 16.06.2014 30.07.2014	(54) HUMANIZED ANTI-CCR7 RECEPTOR ANTIBODIES
(11) EP3445386	(33) Netherlands United States of America	(73) PepMab B.V.
(21) EP17720707.3	(51) A61K 38/39 A61P 27/02	(72) BACK, Jaap Willem
(47) 26.08.2020	(11) EP3539559	BOSHUIZEN, Ronald
(87) EP2017059245 26.10.2017	(21) EP19151372.0 (47) 26.08.2020	PUIJK, Wouter Cornelis TURKSTRA, Johan SCHWAMBORN, Klaus Heinrich TIMMERMAN, Peter
(22) 19.04.2017	(22) 09.02.2017	(31) 15180415
(54) NEUREGULIN FOR THE TREATMENT AND/OR PREVENTION OF TUMORS OF THE NERVOUS SYSTEM	(54) COLLAGEN TYPE II ALPHA-1-BASED PEPTIDE FOR USE IN THE TREATMENT OF MACULAR DEGENERATION	(32) 10.08.2015
(73) Leibniz-Institut für Altersforschung - Fritz-Lipmann-Institut e.V. (FLI)	(73) EYEBIO KOREA	(33) European Patent Office (EPO)
(72) SCHULZ, Alexander MORRISON, Helen	(72) YANG, Jae Wook	(51) A61K 39/00 C07K 14/705 C07K 14/725 C07K 16/30
(31) 16165991	(31) 20160043296 20160043298 20160043300 20160043305	(11) EP2968502 (21) EP14770399.5 (47) 26.08.2020 (87) US2014026734 25.09.2014
(32) 19.04.2016	(32) 08.04.2016 08.04.2016 08.04.2016 08.04.2016	(22) 13.03.2014
(33) European Patent Office (EPO)	(33) Korea (Republic) Korea (Republic) Korea (Republic) Korea (Republic)	(54) METHODS FOR CONTROLLING T CELL PROLIFERATION
(51) A61K 38/19 A61P 37/00 A61K 35/28 A61K 35/51	(51) A61K 38/51 C07K 14/475 C12N 9/88	(73) Bellicum Pharmaceuticals, Inc.
(11) EP3054961	(11) EP3210999	(72) SPENCER, David FOSTER, Aaron, Edward SLAWIN, Kevin
(21) EP14851547.1	(21) EP17164945.2	(31) 201361783445 P
(47) 26.08.2020	(47) 26.08.2020	(32) 14.03.2013
(87) IL2014050887 16.04.2015		(33) United States of America
(22) 07.10.2014		(51) A61K 39/00 C07K 16/00 C07K 16/10
(54) ACTIVATION OF HEMATOPOIETIC PROGENITORS BY PRETRANSPLANT EXPOSURE TO DEATH LIGANDS		
(73) Collect Biotherapeutics Ltd.		
(72) YARKONI, Shai		

C07K 16/40	(51) A61K 39/145	A61P 37/06
C12N 15/113	A61P 31/16	C07K 16/00
(11) EP2285832	C07K 14/11	C07K 19/00
(21) EP09747016.5	C12N 15/44	C12N 15/00
(47) 26.08.2020	C12N 15/63	(11) EP2982689
(87) US2009003105	(11) EP3305806	(21) EP14778553.9
19.11.2009	(21) EP17203380.5	(47) 26.08.2020
(22) 18.05.2009	(47) 26.08.2020	(87) JP2014059706
(54) ANTIBODIES AND PROCESSES FOR PREPARING THE SAME	(22) 08.02.2013	09.10.2014
(73) Taiga Biotechnologies, Inc.	(54) COMPUTATIONALLY OPTIMIZED BROADLY REACTIVE ANTIGENS FOR HUMAN AND AVIAN H5N1 INFLUENZA	(22) 02.04.2014
(72) REFAELI, Yosef	(73) University of Pittsburgh - Of the Commonwealth System of Higher Education	(54) FC REGION VARIANT
TURNER, Brian, Curtis	(72) ROSS, Ted, M.	(73) Chugai Seiyaku Kabushiki Kaisha
(31) 54047 P	CREVAR, Corey, J.	(72) MIMOTO, Futa
(32) 16.05.2008	GILES, Brendan, M.	KATADA, Hitoshi
(33) United States of America	(31) 201261597998 P	IGAWA, Tomoyuki
(51) A61K 39/00	(32) 13.02.2012	(31) 2013077239
C07K 16/00	(33) United States of America	(32) 02.04.2013
C07K 19/00	(51) A61K 39/21	(33) Japan
C12N 15/09	C07K 14/155	(51) A61K 39/395
C12P 21/08	C12N 15/49	A61P 37/06
C40B 40/08	(11) EP2892554	C07K 16/28
C40B 40/10	(21) EP13834644.0	C12N 5/00
(11) EP3078744	(47) 26.08.2020	A61K 35/28
(21) EP14867380.9	(87) US2013058383	(11) EP3351255
(47) 26.08.2020	13.03.2014	(21) EP18159086.0
(87) JP2014082060	(22) 06.09.2013	(47) 26.08.2020
11.06.2015	(54) HIV IMMUNE STIMULATING COMPOSITIONS COMPRISING RECOMBINANTLY EXPRESSED PILI ON BACTERIA AND METHODS RELATED THERETO	(22) 02.12.2011
(22) 04.12.2014	(73) Emory University	(54) MODIFIED ANTI CD4-ANTIBODIES
(54) ANTIGEN-BINDING MOLECULES, THE ANTIGEN-BINDING ACTIVITY OF WHICH VARIES ACCORDING TO THE CONCENTRATION OF COMPOUNDS, AND LIBRARIES OF SAID MOLECULES	(72) AMARA, Rama Rao	(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(73) Chugai Seiyaku Kabushiki Kaisha	SCOTT, June R.	(72) FRICKE, Stephan
(72) IGAWA, Tomoyuki	QUIGLEY, Bernard	EMMRICH, Frank
TAMBA, Shigero	CHAMCHA, Venkateswarlu	HILGER, Nadja
SHIMIZU, Shun	(31) 201261698200 P	(31) 10015236
TATSUMI, Kanako	(32) 07.09.2012	(32) 02.12.2010
KADONO, Shojiro	(33) United States of America	(33) European Patent Office (EPO)
KAWAUCHI, Hiroki	(51) A61K 39/29	(51) A61K 45/00
OHARA, Kazuhiro	C12N 15/86	A61P 11/00
MATSUSHITA, Masayuki	(11) EP3402888	G01N 33/15
EMURA, Takashi	(21) EP17701067.5	G01N 33/50
KAMIMURA, Masaki	(47) 26.08.2020	(11) EP3352792
(31) 2013251537	(87) EP2017050553	(21) EP16849854.1
(32) 04.12.2013	20.07.2017	(47) 26.08.2020
(33) Japan	(22) 12.01.2017	(87) US2016053743
(51) A61K 39/104	(54) MEANS AND METHODS FOR TREATING HBV	30.03.2017
A61P 31/04	(73) Helmholtz Zentrum München - Deutsches Forschungszentrum für Gesundheit und Umwelt (GmbH)	(22) 26.09.2016
C07K 14/21	(72) PROTZER, Ulrike	(54) TARGETING FIBROBLAST INVASION FOR PULMONARY FIBROSIS
(11) EP3345617	BAUER, Tanja	(73) Cedars-Sinai Medical Center
(21) EP17201384.9	KOSINSKA, Anna	(72) NOBLE, Paul, W.
(47) 26.08.2020	MUECK-HAEUSL, Martin	JIANG, Dianhua
(22) 27.11.2013	(31) 92942	LIANG, Carol, Jiurong
(54) PSEUDOMONAS ANTIGENS AND ANTIGEN COMBINATIONS	(32) 12.01.2016	(31) 201562232864 P
(73) GlaxoSmithKline Biologicals S.A.	(33) Luxembourg	(32) 25.09.2015
Ospedale San Raffaele S.r.l.	(51) A61K 39/395	(33) United States of America
(72) MASIGNANI, Vega	A61P 9/00	(51) A61K 45/06
SCARSELLI, Maria	A61P 31/12	A23L 33/00
PETRACCA, Roberto	A61P 35/00	(11) EP3091975
BIANCONI, Irene	A61P 37/00	(21) EP15700286.6
BRAGONZI, Alessandra		(47) 26.08.2020
ALCALA' FRANCO, Beatriz		(87) EP2015050358
(31) 201221638		16.07.2015
(32) 30.11.2012		(22) 09.01.2015
(33) United Kingdom		(54) MATERNAL VITAMIN B6 ADMINISTRATION FOR THE PREVENTION OF INCREASED ADIPOSITY, OVERWEIGHT OR OBESITY IN THE OFFSPRING

(73) Société des Produits Nestlé S.A.	WITH MN(II) ION FOR USE AS MRI	(31) 201462053846 P
(72) COOPER, Cyrus	CONTRAST AGENT	(32) 23.09.2014
GLUCKMAN, Peter David	(73) Bracco Imaging SpA	(33) United States of America
GODFREY, Keith Malcolm	(72) BARANYAI, Zsolt	(51) A61L 15/26
MACE, Catherine	GARDA, Zoltán	A61L 15/42
SILVA ZOLEZZI, Irma	KÁLMÁN, Ferenc, Krisztián	A61L 15/44
(31) 14150798	KRUSPER, László	(11) EP3458115
14161188	TIRCSÓ, Gyula	(21) EP17723393.9
(32) 10.01.2014	TÓTH, Imre	(47) 26.08.2020
21.03.2014	GHIANI, Simona	(87) EP2017061587
(33) European Patent Office (EPO)	MAIOCCHI, Alessandro	23.11.2017
European Patent Office (EPO)	(31) P1500076	(22) 15.05.2017
(51) A61K 47/60	PCT/HU2015/000074	(54) WOUND OR SKIN PATCH
(11) EP2322569	(32) 25.02.2015	(73) BSN Medical GmbH
(21) EP10195343.8	23.11.2015	(72) ARSHI, Annahit
(47) 26.08.2020	(33) Hungary	HEMMRICH, Karsten
(22) 07.10.2004	World Intellectual Property Office (WIPO)	SCHULZE, Christian
(54) Polymer derivatives for the selective	(51) A61L 2/07	(31) 16169905
modification of proteins	A61L 12/04	(32) 17.05.2016
(73) AMBRX, INC.	B29D 11/00	(33) European Patent Office (EPO)
(72) Wilson, Troy, E	B65B 5/04	(51) A61L 15/46
(31) 510169 P	B65B 25/00	A61L 15/60
(32) 09.10.2003	B65B 55/06	(11) EP3564297
(33) United States of America	B65B 55/14	(21) EP18880540.2
(51) A61K 48/00	B65B 55/22	(47) 26.08.2020
C12N 5/10	(11) EP3543004	(87) KR2018012434
C12N 15/62	(21) EP19173998.6	31.05.2019
C12N 5/0783	(47) 26.08.2020	(22) 19.10.2018
(11) EP3234144	(22) 15.11.2016	(54) SUPERABSORBENT RESIN
(21) EP15820739.9	(54) CONTACT LENS PACKAGING	COMPOSITION
(47) 26.08.2020	SOLUTIONS	(73) LG Chem, Ltd.
(87) US2015065629	(73) Alcon Inc.	(72) LEE, Jin Woo
23.06.2016	(72) Muya, Leroy Wainaina	KIM, Young Sam
(22) 14.12.2015	Ketelson, Howard Allen	(31) 20170158933
(54) METHODS FOR CONTROLLED	(31) 201562262724 P	(32) 24.11.2017
ELIMINATION OF THERAPEUTIC	(32) 03.12.2015	(33) Korea (Republic)
CELLS	(33) United States of America	(51) A61L 15/46
(73) Bellicum Pharmaceuticals, Inc.	(51) A61L 2/07	A61L 17/00
(72) SPENCER, David, M.	D06F 35/00	A61L 24/00
FOSTER, Aaron, Edward	D06F 58/10	A61L 26/00
BAYLE, Joseph, Henri	D06F 58/20	A61L 27/54
SLAWIN, Kevin, M.	D06F 69/00	(11) EP2827912
COLLINSON-PAUTZ, Matthew, R.	(11) EP3473762	(21) EP13721090.2
(31) 201462092149 P	(21) EP17839710.5	(47) 26.08.2020
(32) 15.12.2014	(47) 26.08.2020	(87) IB2013052245
(33) United States of America	(87) KR2017008226	26.09.2013
(51) A61K 49/10	15.02.2018	(22) 21.03.2013
C07D 207/06	(22) 31.07.2017	(54) POLYMERIC COMPOSITE MATERIALS
C07D 211/16	(54) CLOTHES TREATMENT DEVICE	WITH ANTIMICROBIAL AND
C07D 211/42	(73) Samsung Electronics Co., Ltd.	BIODEGRADABLE PROPERTIES AND
C07D 211/46	(72) CHO, Hwang Mook	USES THEREOF
C07D 211/48	SEO, Eung Ryeol	(73) Fondazione Istituto Italiano di Tecnologia
C07D 211/62	LEE, Geon Ung	(72) ATHANASIOU, Athanasia
C07D 221/22	(31) 20160101980	BAYER, Ilker S.
C07D 295/192	(32) 10.08.2016	LIAKOS, Ioannis
C07D 401/12	(33) Korea (Republic)	RIZZELLO, Loris
C07D 403/12	(51) A61L 2/10	CINGOLANI, Roberto
C07D 471/08	F21V 21/28	SABELLA, Stefania
(11) EP3262033	(11) EP3197505	POMPA, Pier Paolo
(21) EP16706597.8	(21) EP15843779.8	(31) TO20120258
(47) 26.08.2020	(47) 26.08.2020	(32) 21.03.2012
(87) EP2016053960	(87) US2015051660	(33) Italy
01.09.2016	31.03.2016	(51) A61L 27/30
(22) 25.02.2016	(22) 23.09.2015	A61L 27/34
(54) ETHYLENEDIAMINETETRAACETIC	(54) ROOM DECONTAMINATION	A61L 31/08
ACID BIS(AMIDE) DERIVATIVES AND	APPARATUS AND METHOD	A61L 31/10
THEIR RESPECTIVE COMPLEXES	(73) Diversey, Inc.	A61F 2/82
	(72) DAYTON, Roderick, M.	(11) EP2809370



(21) EP13744401.4	20.03.2014	(87) US2013048332
(47) 26.08.2020	(22) 11.09.2013	09.01.2014
(87) IL2013050074	(54) SYSTEM FOR REGULATING	(22) 27.06.2013
08.08.2013	PRESSURE	(54) MOTOR ASSEMBLY FOR CATHETER
(22) 28.01.2013	(73) KCI Licensing, Inc.	PUMP
(54) NEGATIVELY CHARGED VASCULAR	(72) LOCKE, Christopher, Brian	(73) TC1 LLC
STENT	COULTHARD, Richard Daniel, John	(72) TANNER, Adam, R.
(73) Ameber Medical LTD	(31) 201261701394 P	KEENAN, Richard, L.
(72) FISHMAN, Michael	(32) 14.09.2012	MESSNER, Doug, M.
TSUN, Alexander	(33) United States of America	BUTLER, Michael, R.
(31) 201261592013 P	(51) A61M 1/00	(31) 201261667869 P
201261674861 P	A61M 39/22	201313802468
(32) 30.01.2012	G16H 40/63	(32) 03.07.2012
24.07.2012	(11) EP3481450	13.03.2013
(33) United States of America	(21) EP17745776.9	(33) United States of America
United States of America	(47) 26.08.2020	United States of America
(51) A61L 27/30	(87) FI2017050521	(51) A61M 1/14
A61L 27/54	11.01.2018	B01L 3/00
(11) EP3220969	(22) 06.07.2017	(11) EP2943281
(21) EP15832708.0	(54) A COLLECTION LINER FOR	(21) EP14702347.7
(47) 26.08.2020	A MEDICAL OR A SURGICAL	(47) 26.08.2020
(87) TR2015050182	OPERATION	(87) US2014010683
26.05.2016	(73) Serres Oy	17.07.2014
(22) 17.11.2015	(72) KORKEAMÄKI, Rami-Matti	(22) 08.01.2014
(54) ANTIBACTERIAL OSSEOCONDUCTIVE	MÄKIRANTA, Jarmo	(54) MICROFLUIDIC DEVICE FOR
THIN FILM FOR IMPLANT	LACOSTE, Laure	INCREASING CONVECTIVE
(73) Joanneum Research	(31) 20165567	CLEARANCE OF UNDESIRE
Forschungsgesellschaft mbH	(32) 06.07.2016	PARTICLES
Dopa Ilac San. Tic. Ltd Sti.	(33) Finland	(73) The Charles Stark Draper Laboratory,
(72) INAL, Kadir	(51) A61M 1/02	Inc.
LACKNER, Jürgen M.	(11) EP2889049	(72) DIBIASIO, Christopher
WALDHAUSER, Wolfgang	(21) EP14200228.6	HARJES, Daniel I.
GÜMÜS, Serap	(47) 26.08.2020	CHAREST, Joseph L.
POLAT, Seyda	(22) 23.12.2014	BORENSTEIN, Jeffrey T.
DALÇIK, Hakki	(54) Receptacle for receiving a system of	(31) 201313739685
(31) 201413586	bags for the treatment of blood	(32) 11.01.2013
(32) 17.11.2014	(73) MACO PHARMA	(33) United States of America
(33) Turkey	(72) Deverre, Frédéric	(51) A61M 1/16
(51) A61L 27/36	Chavatte, Arnaud	(11) EP2714258
A61L 27/44	Moisan, Kevin	(21) EP12793888.4
A61L 27/54	(31) 1363618	(47) 26.08.2020
A61L 27/56	(32) 26.12.2013	(87) US2012040202
(11) EP3313464	(33) France	06.12.2012
(21) EP16731616.5	(51) A61M 1/02	(22) 31.05.2012
(47) 26.08.2020	A61M 1/26	(54) METHOD AND ARRANGEMENT
(87) EP2016064674	A61M 1/36	FOR VENTING GASES FROM A
29.12.2016	(11) EP3295973	CONTAINER HAVING A POWDERED
(22) 24.06.2016	(21) EP17191313.0	CONCENTRATE FOR USE IN
(54) TISSUE ENGINEERING SCAFFOLDS	(47) 26.08.2020	HEMODIALYSIS
COMPRISING PARTICULATE EGG	(22) 15.09.2017	(73) Fresenius Medical Care Holdings, Inc.
SHELL MEMBRANE	(54) SYSTEMS AND METHODS FOR	Fresenius Medical Care Deutschland
(73) Biovotec AS	DERIVING AND COLLECTING	GmbH
(72) KENNY, Enda	PLATELET PRODUCTS	(72) LEVIN, Roland
SCHMIDT, Ralf	(73) Fenwal, Inc.	SCHLAEPER, Christian
SUSO, Henri-Pierre	(72) MIN, Kyungyoon	CRNKOVICH, Martin
SCHNABELRAUCH, Matthias	KUSTERS, Benjamin E.	PETER, Harald
WARTENBERG, Annika	BROWN, Richard I.	(31) 201113153140
(31) 201511146	(31) 201662395536 P	(32) 03.06.2011
201511579	(32) 16.09.2016	(33) United States of America
(32) 24.06.2015	(33) United States of America	(51) A61M 1/16
01.07.2015	(51) A61M 1/10	A61M 39/00
(33) United Kingdom	A61M 1/12	B01D 61/18
United Kingdom	A61M 25/088	B01D 61/30
(51) A61M 1/00	A61M 25/09	B01D 63/04
(11) EP2895212	A61M 25/16	B01D 65/02
(21) EP13766819.0	(11) EP2869885	C02F 1/44
(47) 26.08.2020	(21) EP13813687.4	F16L 37/092
(87) US2013059248	(47) 26.08.2020	(11) EP2440498

(21) EP10731813.1	29.09.2016	(47) 26.08.2020
(47) 26.08.2020	(22) 23.03.2016	(87) US2013029807
(87) IL2010000448	(54) CONTROLLING PRODUCTS	12.09.2013
16.12.2010	CONTAINED IN CONTAINER DEVICES	(22) 08.03.2013
(22) 07.06.2010	(73) Adan Medical Innovation S.L.	(54) DRUG RECONSTITUTION SYSTEM
(54) USE OF RECYCLED MEDICAL	(72) SALA CUNILL, Anna	(73) Becton, Dickinson and Company
FILTERS FOR WATER FILTRATION	CURRAN, Adrian	(72) CRONENBERG, Richard
(73) Nufiltration Ltd.	PÉREZ DE LA HOZ, Santiago	WU, Haiming
(72) LASS, Yoram	TORRENT POCH, Marc	(31) 201261608451 P
(31) 184809 P	(31) 201562136903 P	(32) 08.03.2012
312255 P	(32) 23.03.2015	(33) United States of America
(32) 07.06.2009	(33) United States of America	(51) A61M 5/20
10.03.2010	(51) A61M 5/158	A61M 5/32
(33) United States of America	(11) EP3415187	(11) EP2661294
United States of America	(21) EP18183255.1	(21) EP11811358.8
(51) A61M 5/00	(47) 26.08.2020	(47) 26.08.2020
A61M 5/20	(22) 30.08.2012	(87) EP2011074277
A61M 5/32	(54) INSERTION MECHANISM FOR A DRUG	12.07.2012
(11) EP2768553	DELIVERY PUMP	(22) 30.12.2011
(21) EP12770134.0	(73) UNL Holdings LLC	(54) A SAFETY DEVICE FOR A PRE-FILLED
(47) 26.08.2020	(72) O'Connor, Sean, M.	SYRINGE AND AN INJECTION DEVICE
(87) EP2012070110	DECKER, Robert	(73) Sanofi-Aventis Deutschland GmbH
25.04.2013	SHETTY, Gautam, N.	(72) ROBERTS, Gareth
(22) 11.10.2012	DESTEFANO, Mark, A.	SLEMMEN, John
(54) AUTOINJECTOR	HANSON, Ian, B.	EKMAN, Matthew
(73) Sanofi-Aventis Deutschland GmbH	BENTE IV., Paul, F.	(31) 11150080
(72) MÜLLER-PATHLE, Stephan	(31) 201161530774 P	(32) 04.01.2011
NZIKE, Philippe	(32) 02.09.2011	(33) European Patent Office (EPO)
ROTH, Axel	(33) United States of America	(51) A61M 5/32
(31) 11186229	(51) A61M 5/168	(11) EP3302656
(32) 21.10.2011	A61M 39/22	(21) EP16727490.1
(33) European Patent Office (EPO)	A61M 39/24	(47) 26.08.2020
(51) A61M 5/00	F16K 15/14	(87) EP2016062875
A61M 5/32	(11) EP3058982	15.12.2016
(11) EP3524292	(21) EP13891802.4	(22) 07.06.2016
(21) EP18305128.3	(47) 26.08.2020	(54) SAFETY DEVICE FOR PREVENTING
(47) 26.08.2020	(87) BR2013000429	NEEDLE STICK INJURY WITH A
(22) 07.02.2018	26.02.2015	NEEDLE OF A MEDICAL DEVICE AND
(54) PACKAGING FOR A PREFILLED DRUG	(22) 18.10.2013	MEDICAL DEVICE
DELIVERY DEVICE	(54) FLOW-CONTROL VALVE	(73) Becton Dickinson France
(73) Becton Dickinson France	ARRANGEMENTS AND	(72) CARREL, Franck
(72) PEROT, Frédéric	IMPROVEMENTS	(31) 15305866
GAGLIANO, Julien	(73) Zammi Instrumental Ltda	15306800
LE CORFEC, Marie-Liesse	(72) VARGAS FONSECA, Luiz Henrique	(32) 08.06.2015
MONCHOIX, Hervé	(51) A61M 5/178	13.11.2015
(51) A61M 5/14	A61M 25/06	(33) European Patent Office (EPO)
A61M 5/142	A61M 25/09	European Patent Office (EPO)
A61M 5/148	(11) EP2037985	(51) A61M 5/32
A61M 5/168	(21) EP07783404.2	(11) EP3391922
A61M 39/24	(47) 26.08.2020	(21) EP16875182.4
(11) EP3320928	(87) US2007068393	(47) 26.08.2020
(21) EP16821531.7	10.01.2008	(87) JP2016077147
(47) 26.08.2020	(22) 07.05.2007	22.06.2017
(87) KR2016005212	(54) INTRAVENOUS CATHETER	(22) 14.09.2016
12.01.2017	INSERTION DEVICE AND METHOD OF	(54) SYRINGE PROTECTIVE DEVICE
(22) 17.05.2016	USE	(73) Forte Grow Medical Co., Ltd.
(54) DRUG INJECTION DEVICE	(73) Vascular Pathways Inc.	(72) KARASAWA, Koji
(73) Cebika Inc.	(72) WARRING, Jessica, Ash	(31) 2015247707
(72) CHO, Byoung Chic	BELSON, Amir	(32) 18.12.2015
(31) 20150097270	FISHER, Winfield, Scott	(33) Japan
(32) 08.07.2015	(31) PCT/US6026/671	(51) A61M 5/32
(33) Korea (Republic)	(32) 06.07.2006	A61M 5/50
(51) A61M 5/142	(33) World Intellectual Property Office (WIPO)	(11) EP2465559
A61M 5/145	(51) A61M 5/19	(21) EP10808008.6
(11) EP3274017	A61M 5/24	(47) 26.08.2020
(21) EP16712318.1	A61M 5/315	(87) ES2010070401
(47) 26.08.2020	(11) EP2822617	17.02.2011
(87) EP2016056443	(21) EP13710760.3	(22) 16.06.2010

<p>(54) MEDICINAL BIOSECURITY AUTO DISPOSABLE SYRINGE                  (73) Universal Medical Devices S.L                  (72) POVEDA ESTEPA, Luis Enrique                  (31) 200930368 U                  (32) 13.08.2009                  (33) Spain</p> <hr/> <p>(51) A61M 11/04                  A61M 15/06                  A24F 47/00                  (11) EP3294388                  (21) EP16726027.2                  (47) 26.08.2020                  (87) EP2016060752                  24.11.2016                  (22) 12.05.2016                  (54) ARTICLE AND APPARATUS FOR GENERATING AN AEROSOL                  (73) British American Tobacco (Investments) Limited                  (72) FROBISHER, Paul                  (31) 201508405                  (32) 15.05.2015                  (33) United Kingdom</p> <hr/> <p>(51) A61M 11/04                  A61M 15/06                  A24F 47/00                  (11) EP3462935                  (21) EP17725643.5                  (47) 26.08.2020                  (87) EP2017063061                  07.12.2017                  (22) 30.05.2017                  (54) AEROSOL-GENERATING SYSTEM COMPRISING A HEATED AEROSOL-GENERATING ARTICLE                  (73) Philip Morris Products S.A.                  (72) THORENS, Michel                  (31) 16172287                  16172262                  16172263                  16172265                  (32) 31.05.2016                  31.05.2016                  31.05.2016                  31.05.2016                  (33) European Patent Office (EPO)                  European Patent Office (EPO)                  European Patent Office (EPO)                  European Patent Office (EPO)</p> <hr/> <p>(51) A61M 15/00                  (11) EP3199193                  (21) EP16153186.8                  (47) 26.08.2020                  (22) 28.01.2016                  (54) METHOD FOR MEASURING FLOW FEATURES IN AN INHALER, INHALER AND SYSTEM                  (73) Novartis AG                  (72) ZIEGLER, Dominik                  PAVKOV, Richard</p> <hr/> <p>(51) A61M 16/00                  (11) EP2994182                  (21) EP14729442.5                  (47) 26.08.2020                  (87) IB2014061229                  13.11.2014                  (22) 06.05.2014</p>	<p>(54) PRESSURE SUPPORT SYSTEM FOR BREATH STACKING THERAPY                  (73) Koninklijke Philips N.V.                  (72) HETE, Bernard F.                  TRUSCHEL, William Anthony                  (31) 201361820997 P                  (32) 08.05.2013                  (33) United States of America</p> <hr/> <p>(51) A61M 16/06                  (11) EP2295104                  (21) EP10196180.3                  (47) 26.08.2020                  (22) 23.06.2008                  (54) Flexible forehead support                  (73) ResMed Pty Ltd                  (72) Brambilla, Enrico                  Doherty, Renee Frances                  Gunning, Philip John                  Kooij, Michiel                  Kwok, Philip Rodney                  Cameron, Andrew David                  Maurer, Dimitri Marco                  (31) 2007903360                  (32) 22.06.2007                  (33) Australia</p> <hr/> <p>(51) A61M 16/06                  (11) EP3212266                  (21) EP15854107.8                  (47) 26.08.2020                  (87) US2015057486                  06.05.2016                  (22) 27.10.2015                  (54) NASAL MASK FOR USE IN VARIOUS POSITIVE AIRWAY PRESSURE SUPPLY SYSTEMS                  (73) Breas Medical, Inc.                  (72) HARRISON, Donald                  (31) 201462069294 P                  (32) 27.10.2014                  (33) United States of America</p> <hr/> <p>(51) A61M 25/00                  A61M 25/01                  A61M 25/092                  F16C 1/20                  (11) EP2881137                  (21) EP13825133.5                  (47) 26.08.2020                  (87) JP2013070347                  06.02.2014                  (22) 26.07.2013                  (54) MEDICAL INSTRUMENT, AND MEDICAL-INSTRUMENT PRODUCTION METHOD                  (73) SUMITOMO BAKELITE CO., LTD.                  (72) KANEMASA, Kenichi                  (31) 2012173075                  (32) 03.08.2012                  (33) Japan</p> <hr/> <p>(51) A61M 25/06                  (11) EP2228092                  (21) EP10006349.4                  (47) 26.08.2020                  (22) 09.11.2006                  (54) Needle shield interconnected to septum                  (73) Becton Dickinson and Company                  (72) Brimhall, Greg L.                  (31) 274230                  (32) 15.11.2005</p>	<p>(33) United States of America</p> <hr/> <p>(51) A61M 25/10                  (11) EP3524312                  (21) EP19166773.2                  (47) 26.08.2020                  (22) 08.03.2013                  (54) MEDICAL BALLOON WITH RADIOPAQUE END PORTION FOR PRECISELY IDENTIFYING A WORKING SURFACE LOCATION                  (73) Clearstream Technologies Limited                  (72) Crall, Angela S.                  Randall, Scott L.                  Righi, Robert                  Wall, Sean                  (31) 2008440                  201261608859 P                  (32) 09.03.2012                  09.03.2012                  (33) Netherlands                  United States of America</p> <hr/> <p>(51) A61M 39/18                  B29C 65/20                  (11) EP3085409                  (21) EP14871080.9                  (47) 26.08.2020                  (87) CN2014094279                  25.06.2015                  (22) 18.12.2014                  (54) BLOOD BAG STERILE CONNECTION METHOD AND DEVICE USED IN THE METHOD                  (73) Wuhan BMS Medicaltech Co., Ltd.                  (72) HE, Jun                  (31) 201310701376                  (32) 19.12.2013                  (33) China</p> <hr/> <p>(51) A61N 1/00                  A61N 1/36                  G05D 1/00                  G09B 9/08                  G09B 9/12                  (11) EP3547287                  (21) EP18203830.7                  (47) 26.08.2020                  (22) 31.10.2018                  (54) VR EMULATOR USING GALVANIC VESTIBULAR STIMULATION DEVICES                  (73) Bell Helicopter Textron Inc.                  (72) NISSEN, Jeffrey Paul                  McCALL, Daniel Brent                  RICCOBONO, Joshua Peter                  (31) 201815936915                  (32) 27.03.2018                  (33) United States of America</p> <hr/> <p>(51) A61N 1/04                  A61N 1/36                  (11) EP3603737                  (21) EP18186520.5                  (47) 26.08.2020                  (22) 31.07.2018                  (54) POSITIONING OF ELECTRODES FOR TRANSCRANIAL BRAIN STIMULATION                  (73) Flow Neuroscience AB                  (72) MÅNSSON, Daniel                  REHN, Erik</p> <hr/> <p>(51) A61N 1/04</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

A61N 1/36	21.11.2016	(33) United States of America
A61N 1/362	(33) United States of America	United States of America
A61N 1/39	United States of America	(51) A61Q 15/00
(11) EP3524315	(51) A61N 2/00	B01L 3/00
(21) EP19150252.5	A61N 2/06	G01N 15/08
(47) 26.08.2020	(11) EP3011996	G01N 33/487
(22) 24.02.2015	(21) EP15002843.9	(11) EP3448527
(54) EXTERNAL DEFIBRILLATOR	(47) 26.08.2020	(21) EP17713292.5
(73) Element Science, Inc.	(22) 05.10.2015	(47) 26.08.2020
(72) KUMAR, Uday, N.	(54) MAGNETIC DEVICE	(87) EP2017057050
MALCHANO, Zachary, J.	(73) Grander GmbH	02.11.2017
DINGER, Maarten	(72) Grander, Heribert	(22) 24.03.2017
BAHNEY, Timothy	Grander, Johann	(54) IN VITRO SYSTEM FOR EVALUATING
GARCIA, Frank	(31) 14003626	THE EFFECTIVENESS OF A
(31) 201461944008 P	(32) 24.10.2014	DEODORANT
(32) 24.02.2014	(33) European Patent Office (EPO)	(73) Microfactory
(33) United States of America	(51) A61N 2/12	(72) DUPIRE, Jules
(51) A61N 1/05	(11) EP3146996	MONTI, Fabrice
A61N 1/372	(21) EP15796342.2	TABELING, Patrick
A61N 1/375	(47) 26.08.2020	(31) 1653752
(11) EP3444007	(87) JP2015002377	(32) 27.04.2016
(21) EP18181167.0	26.11.2015	(33) France
(47) 26.08.2020	(22) 11.05.2015	(51) A61Q 19/00
(22) 02.07.2018	(54) MAGNETIC INSTRUMENT FOR	A61Q 19/08
(54) X-RAY MARKER FOR IMPLANTABLE	HEALTH CARE	A61K 8/9789
MEDICAL DEVICES	(73) Ohama, Haruo	(11) EP3432991
(73) BIOTRONIK SE & Co. KG	(72) Ohama, Haruo	(21) EP17718417.3
(72) Muessig, Dirk	(31) 2014103431	(47) 26.08.2020
von Arx, Jeffrey A.	(32) 19.05.2014	(87) IB2017051617
Suwito, Wantjinarjo	(33) Japan	28.09.2017
Momma, Carsten	(51) A61N 5/10	(22) 21.03.2017
Frotscher, Matthias	(11) EP2821101	(54) COSMETIC USE OF AN INGREDIENT
Bosselmann, Marco	(21) EP13754204.9	DERIVED FROM MARRUBIUM
(31) 201762546019 P	(47) 26.08.2020	VULGARE
(32) 16.08.2017	(87) JP2013055063	(73) Sederma
(33) United States of America	06.09.2013	(72) RINGENBACH, Caroline
(51) A61N 1/36	(22) 27.02.2013	DORIDOT, Emmanuel
(11) EP3437692	(54) RADIOTHERAPY EQUIPMENT	MONDON, Philippe
(21) EP17184492.1	CONTROL DEVICE, RADIOTHERAPY	(31) 1670126
(47) 26.08.2020	EQUIPMENT CONTROL METHOD,	(32) 23.03.2016
(22) 02.08.2017	AND PROGRAM EXECUTED BY	(33) France
(54) METHOD FOR PREDICTION OF	COMPUTER FOR RADIOTHERAPY	(51) A62C 2/10
CLINICAL RESPONSE TO VNS	EQUIPMENT	A62C 3/02
THERAPY IN EPILEPTIC PATIENTS	(73) Kyoto University	E06B 9/17
(73) Masarykova Univerzita	Hitachi, Ltd.	E06B 9/262
(72) Brazdil, Milan	(72) SUZUKI Yasunobu	(11) EP3488067
Dolezalova, Irena	NAKAMURA Mitsuhiro	(21) EP17758907.4
Koritakova, Eva	SAWADA Akira	(47) 26.08.2020
Chrastina, Jan	YAMADA Masahiro	(87) GB2017052115
Roman, Robert	(31) 2012042173	25.01.2018
Chladek, Jan	(32) 28.02.2012	(22) 18.07.2017
Pail, Martin	(33) Japan	(54) CONCERTINA SMOKE OR FIRE
(51) A61N 1/365	(51) A61P 19/02	BARRIER
A61N 1/375	A61K 35/33	(73) Coopers Fire Limited
(11) EP3532157	(11) EP3290511	(72) REED, James Martin
(21) EP17804689.2	(21) EP17192969.8	(31) 201612575
(47) 26.08.2020	(47) 26.08.2020	(32) 20.07.2016
(87) US2017059048	(22) 08.11.2012	(33) United Kingdom
03.05.2018	(54) DERMAL FIBROBLASTS FOR	(51) A62C 3/02
(22) 30.10.2017	TREATMENT OF DEGENERATIVE DISC	A62C 5/02
(54) SYSTEMS FOR ACTIVITY LEVEL	DISEASE	A62C 31/12
PACING	(73) Spinalcyte, LLC	A62C 31/24
(73) Cardiac Pacemakers, Inc.	(72) O'HEERON, Pete	B64D 1/16
(72) KANE, Michael J.	AN, Howard	B64D 1/18
HUELSKAMP, Paul	(31) 201161557479 P	(11) EP3527493
(31) 201662415132 P	201261691391 P	(21) EP19152770.4
201662424876 P	(32) 09.11.2011	(47) 26.08.2020
(32) 31.10.2016	21.08.2012	(22) 25.01.2013

(54) AERIAL FIRE SUPPRESSION SYSTEM	(32) 06.04.2016	A63F 13/537
(73) Simplex Manufacturing Co.	(33) Italy	A63F 13/90
(72) ZIMMERMAN, Mark D	(51) A63B 69/20	(11) EP3479882
KRUITHOFF, David M.	A63B 69/34	(21) EP18176565.2
(31) 201261591791 P	A63B 71/02	(47) 26.08.2020
(32) 27.01.2012	(11) EP3439755	(22) 07.06.2018
(33) United States of America	(21) EP17778490.7	(54) DISPLAY DEVICE
(51) A62C 3/02	(47) 26.08.2020	(73) Micro-Star International Co., Ltd.
A62C 27/00	(87) BG2017000007	(72) Yeh, Chun-Te
B64C 39/02	12.10.2017	Liu, Chia-Fu
B64F 1/00	(22) 04.04.2017	Chen, Chung-Wen
(11) EP3463592	(54) TACKLING MACHINE	(31) 106216254 U
(21) EP17749759.1	(73) Antonov, Stefan Raychev	(32) 02.11.2017
(47) 26.08.2020	(72) Antonov, Stefan Raychev	(33) Taiwan, Province of China
(87) IT2017000106	(31) 11226716	(51) A63F 13/73
07.12.2017	(32) 07.04.2016	(11) EP1852163
(22) 26.05.2017	(33) Bulgaria	(21) EP07008800.0
(54) METHODS AND APPARATUS FOR	(51) A63B 71/06	(47) 26.08.2020
THE EMPLOYMENT OF DRONES IN	A63B 59/48	(22) 30.04.2007
FIREFIGHTING ACTIVITIES	A63B 60/50	(54) Game program and game apparatus
(73) Inspire S.r.l.	A63B 102/08	(73) Nintendo Co., Ltd.
(72) GHIO, Marco	(11) EP3501613	(72) Koizumi, Yoshiaki
(31) UA20164498	(21) EP18215636.4	Hayakawa, Takeshi
(32) 31.05.2016	(47) 26.08.2020	Aoyagi, Norihiro
(33) Italy	(22) 21.12.2018	Ishihara, Seiki
(51) A63B 21/00	(54) METHOD OF MANUFACTURING A	(31) 2006127384
A63B 21/04	RACKET AND CORRESPONDING	(32) 01.05.2006
A63B 21/055	RACKET	(33) Japan
A63B 21/16	(73) Decathlon	(51) A63G 7/00
A63B 71/02	(72) HERRISSON, Romain	A63G 21/04
(11) EP3283182	LIERMAIN, Eva	A63G 31/16
(21) EP16704197.9	PENNEL, Maxime	(11) EP3292895
(47) 26.08.2020	(31) 1762914	(21) EP15891159.4
(87) EP2016052915	(32) 22.12.2017	(47) 26.08.2020
20.10.2016	(33) France	(87) CN2015083519
(22) 11.02.2016	(51) A63C 11/22	10.11.2016
(54) EXERCISE BOARD	(11) EP3609588	(22) 08.07.2015
(73) Heyros GmbH	(21) EP19719495.4	(54) MULTI-DIMENSIONAL THEATRE
(72) ROIDER, Oliver	(47) 26.08.2020	BASED ON MECHANICAL ARM TYPE
(31) 202015101875 U	(87) EP2019060341	ROLLER COASTER
(32) 16.04.2015	07.11.2019	(73) Dalian Wanda Group Co., Ltd.
(33) Germany	(22) 23.04.2019	(72) HU, Zhanghong
(51) A63B 22/20	(54) POLE GRIP AND POLE WITH SUCH A	WANG, Yuan
(11) EP3228367	GRIP	MEI, Yong
(21) EP17164782.9	(73) Lekisport AG	FU, Hengsheng
(47) 26.08.2020	(72) HEIM, Eberhard	WANG, Miao
(22) 04.04.2017	BÖING, Tobias	FENG, Chuzhu
(54) DEVICE FOR TRAINING HIP	VOCELKA, Jan	(31) 201520289214 U
ABDUCTORS AND/OR ADDUCTORS	(31) 5632018	(32) 07.05.2015
(73) Letow, Nikolai	(32) 04.05.2018	(33) China
(72) Letow, Nikolai	(33) Switzerland	(51) A63G 21/04
(31) 102016205596	(51) A63C 17/06	A63G 21/06
(32) 05.04.2016	(11) EP3478377	A63G 25/00
(33) Germany	(21) EP17745408.9	A63G 31/02
(51) A63B 24/00	(47) 26.08.2020	(11) EP3311896
A63B 69/00	(87) FR2017051767	(21) EP15895328.1
A63B 71/06	11.01.2018	(47) 26.08.2020
(11) EP3439754	(22) 30.06.2017	(87) CN2015084039
(21) EP17724631.1	(54) LOCOMOTION DEVICE WITH	22.12.2016
(47) 26.08.2020	ROLLERS	(22) 15.07.2015
(87) IB2017051989	(73) Commissariat à l'énergie atomique et aux	(54) ENTERTAINMENT-ORIENTED MULTI-
12.10.2017	énergies alternatives	MODE EXPERIENCE SYSTEM
(22) 06.04.2017	(72) HILT, Thierry	(73) Dalian Wanda Group Co., Ltd.
(54) A SYSTEM FOR PERFORMING	(31) 1656376	(72) HU, Zhanghong
MOTOR ACTIVITY	(32) 04.07.2016	FENG, Chuzhu
(73) Reaxing S.r.l.	(33) France	WANG, Yuan
(72) D'ALELIO, Gionata	(51) A63F 13/26	MEI, Yong
(31) UA20162341		FU, Hengsheng

WANG, Miao	(51) B01D 3/14	(87) KR2017014152
(31) 201510340589	C07C 29/80	14.06.2018
(32) 18.06.2015	C07C 31/08	(22) 05.12.2017
(33) China	(11) EP3010878	(54) RECOVERY METHOD FOR
(51) A63H 3/16	(21) EP14737479.7	(METH)ACRYLIC ACID
(11) EP3527273	(47) 26.08.2020	(73) LG Chem, Ltd.
(21) EP18214852.8	(87) US2014043379	(72) SONG, Jong Hun
(47) 26.08.2020	24.12.2014	BAEK, Se Won
(22) 20.12.2018	(22) 20.06.2014	MIN, Yoon Jae
(54) MANIPULABLE MULTI-PIECE TOY	(54) DIVIDING WALL IN ETHANOL	KIM, Jae Yul
(73) Squaregles LLC	PURIFICATION PROCESS	(31) 20160165309
(72) KELLY, Joseph M.	(73) Cargill, Incorporated	(32) 06.12.2016
ORNSTEIN, Noah J.	(72) DEN RIDDER, Johannes Jacobus	(33) Korea (Republic)
(31) 201815873544	Joseph	(51) B01D 11/04
(32) 17.01.2018	GOORDEN, Josephus Johannes Petrus	B01J 3/00
(33) United States of America	Maria	C07D 207/00
(51) A63H 33/04	KOSTER, Didier Agnes Joseph	C10G 21/08
(11) EP3535037	(31) 13003173	C10G 21/28
(21) EP17787209.0	(32) 21.06.2013	C10G 32/02
(47) 26.08.2020	(33) European Patent Office (EPO)	(11) EP3082989
(87) EP2017077429	(51) B01D 5/00	(21) EP14824184.7
11.05.2018	B01D 53/00	(47) 26.08.2020
(22) 26.10.2017	B63B 27/24	(87) US2014068048
(54) A MAGNETIC TOY BLOCK	C10G 5/06	25.06.2015
(73) Geomagworld S.A.	F17C 6/00	(22) 02.12.2014
(72) VICENTELLI, Claudio	(11) EP3380395	(54) METHODS FOR RECOVERING
(31) 201600110762	(21) EP16810447.9	ORGANIC HETEROATOM
(32) 03.11.2016	(47) 26.08.2020	COMPOUNDS FROM HYDROCARBON
(33) Italy	(87) GB2016053708	FEEDSTOCKS
(51) B01D 1/00	01.06.2017	(73) Saudi Arabian Oil Company
C23C 14/14	(22) 25.11.2016	(72) YUSUF, Zaki
C23C 14/24	(54) METHOD OF USING VOC AS OIL TANK	HAMMAD, Ahmad D.
(11) EP3066229	BLANKET GAS	SOUENTIE, Stamatios
(21) EP14793569.6	(73) Babcock IP Management (Number One)	FADHEL, Bandar
(47) 26.08.2020	Limited	RASHEEDI, Nayif
(87) EP2014073825	(72) FELBAB, Nik	(31) 201314107471
14.05.2015	(31) 201520951	(32) 16.12.2013
(22) 05.11.2014	(32) 27.11.2015	(33) United States of America
(54) METHOD FOR CONTROLLING THE	(33) United Kingdom	(51) B01D 15/14
COMPOSITION OF LIQUID METAL IN	(51) B01D 9/00	B01D 15/18
AN EVAPORATOR DEVICE	C02F 1/20	B01D 15/32
(73) Tata Steel Nederland Technology B.V.	C02F 1/52	B01D 15/38
(72) ZOESTBERGEN, Edzo	C02F 1/66	B01D 15/40
VAN DE LANGKRUIS, Jörgen	C02F 101/10	G01N 30/46
MAALMAN, Theodorus, Franciscus,	C02F 101/16	G01N 30/88
Jozeif	(11) EP3204135	(11) EP3213065
(31) 13005206	(21) EP15771651.5	(21) EP15787180.7
(32) 05.11.2013	(47) 26.08.2020	(47) 26.08.2020
(33) European Patent Office (EPO)	(87) EP2015072809	(87) EP2015074695
(51) B01D 3/00	14.04.2016	06.05.2016
B01D 3/24	(22) 02.10.2015	(22) 26.10.2015
B01D 53/18	(54) DEVICE AND METHOD FOR	(54) SYSTEM AND METHODS FOR
(11) EP3492156	RECOVERING A PRECIPITATED	TWO-DIMENSIONAL RPLC-SFC
(21) EP18205739.8	SOLID INORGANIC FINAL PRODUCT	CHROMATOGRAPHY
(47) 26.08.2020	CONSISTING OF PHOSPHORUS,	(73) F. Hoffmann-La Roche AG
(22) 12.11.2018	NITROGEN AND AN ELEMENT X	(72) AL-SAYAH, Mohammad
(54) GAS DISTRIBUTION PLATE FOR THE	(73) Trouve, Emmanuel	VENKATRAMANI, Cadapakam
BOTTOM OF A GAS/LIQUID CONTACT	(72) MOLLES, Guilhem	(31) 201462069219 P
COLUMN COMPRISING AN AREA	(31) 92566	(32) 27.10.2014
FOR COLLECTING LIQUID PARTIALLY	(32) 06.10.2014	(33) United States of America
COVERED BY GAS CHIMNEYS	(33) Luxembourg	(51) B01D 15/26
(73) IFP Energies nouvelles	(51) B01D 11/04	B01D 15/38
(72) HAROUN, Yacine	B01D 53/14	B01J 20/24
BRAHEM, Rim	C07C 51/42	B01J 20/26
(31) 1761469	C07C 57/04	B01J 20/285
(32) 30.11.2017	(11) EP3406587	B01J 20/286
(33) France	(21) EP17877916.1	B01J 20/288
	(47) 26.08.2020	B01J 20/30

- C07K 1/22  
C08B 15/00  
C08J 9/28  
(11) EP3279219  
(21) EP16773214.8  
(47) 26.08.2020  
(87) JP2016060881  
06.10.2016  
(22) 01.04.2016  
(54) METHOD FOR PRODUCING POROUS CELLULOSE MEDIUM  
(73) Daicel Corporation  
(72) SHIBATA, Toru  
MORISHITA, Yasuto  
NISHIHARA, Keiji  
(31) 2015077028  
(32) 03.04.2015  
(33) Japan
- 
- (51) B01D 15/30  
B01D 15/32  
B01D 15/36  
B01D 15/38  
B01D 15/40  
B01J 20/10  
B01J 20/28  
B01J 20/286  
B01J 20/288  
B01J 20/32  
(11) EP3288658  
(21) EP16787156.5  
(47) 26.08.2020  
(87) US2016029803  
03.11.2016  
(22) 28.04.2016  
(54) HIGH PURITY CHROMATOGRAPHIC MATERIALS COMPRISING ION PAIRED-BONDED PHASES FOR SUPERCRITICAL FLUID CHROMATOGRAPHY  
(73) Waters Technologies Corporation  
Brousmiche, Darryl W.  
Fairchild, Jacob Nathan  
Hill, Jason F.  
Wyndham, Kevin Daniel  
(72) BROUSMICHE, Darryl, W.  
FAIRCHILD, Jacob, Nathan  
HILL, Jason, F.  
WYNDHAM, Kevin, Daniel  
(31) 201562154451 P  
(32) 29.04.2015  
(33) United States of America
- 
- (51) B01D 15/36  
C07C 51/09  
C07C 51/245  
C07C 51/353  
C07C 51/44  
C07C 53/126  
C07C 55/02  
C07C 67/31  
C07C 67/42  
C07C 69/67  
(11) EP3239128  
(21) EP17173294.4  
(47) 26.08.2020  
(22) 29.12.2010  
(54) CONTINUOUS PROCESS FOR THE PRODUCTION OF DERIVATIVES OF SATURATED CARBOXYLIC ACIDS
- (73) NOVAMONT S.p.A.  
(72) Bieser, Arno  
Borsotti, Giampietro  
Digioia, Francesca  
Ferrari, Adriano  
Pirocco, Alessandro  
(31) MI20092361  
(32) 30.12.2009  
(33) Italy
- 
- (51) B01D 21/00  
C02F 1/52  
E03F 5/10  
E03F 5/14  
(11) EP3445923  
(21) EP17785510.3  
(47) 26.08.2020  
(87) FI2017050293  
26.10.2017  
(22) 19.04.2017  
(54) STORMWATER DRAIN BAFFLE  
(73) Uponor Infra Oy  
(72) PÄIVINEN, Niko  
(31) 20165345  
(32) 20.04.2016  
(33) Finland
- 
- (51) B01D 24/38  
B01D 35/00  
(11) EP2969103  
(21) EP14769695.9  
(47) 26.08.2020  
(87) US2014027464  
25.09.2014  
(22) 14.03.2014  
(54) DIFFUSER BASKET  
(73) Aseptence Group, Inc.  
(72) EKHOLM, Michael Richard  
SCHMITT, Benjamin A.  
(31) 201361798403 P  
(32) 15.03.2013  
(33) United States of America
- 
- (51) B01D 29/00  
B01D 35/027  
F01M 11/00  
F16N 39/00  
F16N 39/06  
F16H 57/04  
(11) EP3542086  
(21) EP17800729.0  
(47) 26.08.2020  
(87) EP2017077930  
24.05.2018  
(22) 31.10.2017  
(54) SUCTION OIL FILTER FOR A TRANSMISSION OR COMBUSTION ENGINE  
(73) BOGE Elastmetall GmbH  
ZF Friedrichshafen AG  
(72) ROSENDAHL, Marco  
WEHMING, Andreas  
KÜMPER, Dominik  
BRUSSA, Stephan  
(31) 102016121863  
(32) 15.11.2016  
(33) Germany
- 
- (51) B01D 29/11  
B01D 29/21  
B01D 46/24  
B01D 46/52  
(11) EP2906320  
(21) EP13783164.0  
(47) 26.08.2020  
(87) US2013064124  
17.04.2014  
(22) 09.10.2013  
(54) SELF-SUPPORTING FOLDED SHEET MATERIAL, FILTER ELEMENTS  
(73) Donaldson Company, Inc.  
(72) GLISSON, Robin  
SAVASTROM, Jacob C.  
(31) 201207631  
(32) 09.10.2012  
(33) South Africa
- 
- (51) B01D 29/11  
B01D 35/02  
B01D 39/08  
B01D 39/16  
(11) EP3145611  
(21) EP15795779.6  
(47) 26.08.2020  
(87) US2015032244  
26.11.2015  
(22) 22.05.2015  
(54) FORMING FILTRATION MEDIA FOR MAINTAINING FLOW PASSAGE THROUGH A SOCK STYLE FILTER  
(73) Kuss Filtration Inc.  
(72) YOST, Micheael, E.  
STUTZMAN, Tracie, L.  
RICKLE, Gary, L.  
NICHELSON, William  
(31) 201462001922 P  
(32) 22.05.2014  
(33) United States of America
- 
- (51) B01D 29/21  
B01D 35/153  
B01D 35/16  
B01D 36/00  
(11) EP3535039  
(21) EP17771683.4  
(47) 26.08.2020  
(87) EP2017072105  
11.05.2018  
(22) 04.09.2017  
(54) FILTER DEVICE  
(73) Mahle International GmbH  
(72) HOFMANN, Denis  
KOLLMANN, Andreas  
WIELER, Patrick  
(31) 102016221686  
(32) 04.11.2016  
(33) Germany
- 
- (51) B01D 29/52  
(11) EP3010619  
(21) EP14734575.5  
(47) 26.08.2020  
(87) US2014033640  
24.12.2014  
(22) 10.04.2014  
(54) FILTER PROVIDING COARSE MEDIA WITH HIGH-EFFICIENCY INSERT  
(73) Illinois Tool Works Inc.  
(72) ALTWIES, Eugene W.  
ANDRESEN, John R.  
(31) 201361836980 P  
(32) 19.06.2013  
(33) United States of America

(51) B01D 39/16	(11) EP2729672	(11) EP3529811
D01F 8/10	(21) EP12806885.5	(21) EP17703326.3
D06M 15/233	(47) 26.08.2020	(47) 26.08.2020
D06M 15/263	(87) FI2012050716	(87) EP2017050486
(11) EP3201382	10.01.2013	19.07.2018
(21) EP15847434.6	(22) 06.07.2012	(22) 11.01.2017
(47) 26.08.2020	(54) NEW PURIFYING ASSEMBLY	(54) CATALYTIC RECOMBINER AND FILTER
(87) US2015053167	(73) Dinex Finland Oy	APPARATUS
07.04.2016	(72) MAUNULA, Teuvo	(73) Framatome GmbH
(22) 30.09.2015	KINNUNEN, Toni	(72) HILL, Axel
(54) FILTER MEDIA CONTAINING A	(31) 20115732	ROSENBERGER, Stefan
STYRENE-COPOLYMER	(32) 07.07.2011	(51) B01D 53/047
(73) Donaldson Company, Inc.	(33) Finland	B01D 53/22
(72) SHENOY, Suresh Laxman	(51) B01D 46/00	C01C 1/02
(31) 201462058271 P	B01J 23/42	C01C 1/04
(32) 01.10.2014	B01J 35/02	C25B 1/00
(33) United States of America	B01J 35/06	(11) EP3441505
(51) B01D 45/08	C01B 21/20	(21) EP16892558.4
F01M 13/02	(11) EP3523024	(47) 26.08.2020
F01M 13/04	(21) EP17772436.6	(87) JP2016056556
(11) EP2978516	(47) 26.08.2020	08.09.2017
(21) EP14710377.4	(87) EP2017074465	(22) 03.03.2016
(47) 26.08.2020	12.04.2018	(54) AMMONIA PRODUCTION METHOD
(87) GB2014050734	(22) 27.09.2017	(73) JGC Corporation
02.10.2014	(54) A WIRE FOR MANUFACTURING	(72) KAWASAKI, Tsutomu
(22) 12.03.2014	CATALYST GAUZES	WATANABE, Yoshiyuki
(54) A SEPARATOR	(73) Umicore AG & Co. KG	(51) B01D 53/14
(73) Parker Hannifin Manufacturing (UK)	(72) VOTSMEIER, Martin	C10K 1/00
Limited	BORN, Dirk	C10K 1/16
(72) MINCHER, Adrian, Richard	(31) 16192645	(11) EP3215254
(31) 201305713	(32) 06.10.2016	(21) EP15856285.0
201401040	(33) European Patent Office (EPO)	(47) 26.08.2020
(32) 28.03.2013	(51) B01D 46/00	(87) US2015056834
22.01.2014	F02M 35/024	12.05.2016
(33) United Kingdom	F02M 35/08	(22) 22.10.2015
United Kingdom	(11) EP3137190	(54) PROCESS FOR CATALYTIC FAST
(51) B01D 46/00	(21) EP15786281.4	PYROLYSIS OF BIOMASS
B01D 46/02	(47) 26.08.2020	(73) Anellotech, Inc.
F01N 3/06	(87) US2015028627	(72) SCHMELZER, Eugene
(11) EP3323493	05.11.2015	SORENSEN, Charles
(21) EP17202953.0	(22) 30.04.2015	TANZIO, Michael
(47) 26.08.2020	(54) AIR FILTER WITH OIL FORMULATION	(31) 201462074388 P
(22) 22.11.2017	(73) K & N Engineering, Inc.	(32) 03.11.2014
(54) MULTI-STAGE FILTER ASSEMBLY	(72) WILLIAMS, Steve	(33) United States of America
AND METHOD FOR CLEANING AN AIR	WALL, Jere, James	(51) B01D 53/22
FLOW	DANIELS, Rick	B01D 61/02
(73) Camfil APC GmbH	(31) 201461986782 P	B01D 67/00
(72) Handte, Dr. Jakob	(32) 30.04.2014	B01D 69/10
Bisogni, Dominick	(33) United States of America	B01D 69/12
Huckaby, Randilyne	(51) B01D 47/02	B01D 71/48
Listenbee, Ryan	(11) EP3302759	(11) EP2768605
Simino, Adam	(21) EP15893558.5	(21) EP12779152.3
Wells, Alex	(47) 26.08.2020	(47) 26.08.2020
Vangilder, Daniel	(87) CA2015000563	(87) GB2012052576
(31) 102016122440	08.12.2016	25.04.2013
(32) 22.11.2016	(22) 02.11.2015	(22) 18.10.2012
(33) Germany	(54) MULTI-LEVEL GAS SCRUBBER WITH	(54) MEMBRANES FOR SEPARATION
(51) B01D 46/00	MULTIPLE FLOODED SCRUBBER	(73) IP2IPO Innovations Limited
B01D 46/10	HEADS	(72) LIVINGSTON, Andrew Guy
B01D 46/52	(73) Pacific Green Technologies Inc.	JIMENEZ SOLOMON, Maria Fernanda
B01D 53/86	(72) McClelland, Kenneth James	(31) 201117950
B01D 53/94	(31) 201562169856 P	(32) 18.10.2011
F01N 3/021	(32) 02.06.2015	(33) United Kingdom
F01N 3/022	(33) United States of America	(51) B01D 53/22
F01N 3/033	(51) B01D 53/04	B01D 67/00
F01N 3/035	B01D 53/86	B01D 69/08
F01N 3/08	G21C 9/06	B01D 71/02
F01N 13/00	G21F 9/02	B32B 5/24



C01B 32/05	(32) 24.11.2014	B01J 23/42
(11) EP3178542	(33) United States of America	B01J 35/04
(21) EP15825376.5	(51) B01D 53/44	B01J 35/10
(47) 26.08.2020	B01D 53/78	F01N 3/022
(87) JP2015071169	C02F 1/04	F01N 3/035
28.01.2016	C02F 11/12	F01N 3/28
(22) 24.07.2015	(11) EP3415471	(11) EP3207987
(54) CARBON FILM FOR FLUID	(21) EP18171678.8	(21) EP15851481.0
SEPARATION AND FLUID SEPARATION	(47) 26.08.2020	(47) 26.08.2020
FILM MODULE	(22) 10.05.2018	(87) JP2015078551
(73) Toray Industries, Inc.	(54) EXHAUST GAS PURIFYING AND HEAT	21.04.2016
(72) TAKEUCHI Kosaku	RECOVERING SYSTEM AND METHOD	(22) 07.10.2015
TANAKA Kentaro	FOR SLUDGE TREATMENT	(54) EXHAUST GAS PURIFICATION
MIHARA Takaaki	(73) SWISON CREATIVE ENVIRONMENTAL	CATALYST
HORIGUCHI Tomoyuki	SOLUTIONS CO., LTD.	(73) Cataler Corporation
(31) 2014150400	(72) TAN, Wei	TOYOTA JIDOSHA KABUSHIKI KAISHA
2014187482	(31) 201710452198	(72) ONOE, Ryota
(32) 24.07.2014	(32) 15.06.2017	SAKAGAMI, Shingo
16.09.2014	(33) China	ITO, Tsuyoshi
(33) Japan	(51) B01D 53/86	MORISHITA, Yuta
Japan	B01D 53/88	TAKEUCHI, Masahiko
(51) B01D 53/22	B01D 53/94	MIYOSHI, Naoto
C01B 21/04	C02F 1/72	SATO, Akemi
(11) EP2827971	C03C 25/42	OCHIAI, Daisuke
(21) EP13719363.7	D03D 15/00	(31) 2014211381
(47) 26.08.2020	D03D 27/06	(32) 16.10.2014
(87) BE2013000011	D06M 11/38	(33) Japan
26.09.2013	(11) EP2847371	(51) B01D 53/94
(22) 05.03.2013	(21) EP13722385.5	B01J 23/63
(54) METHOD AND DEVICE FOR	(47) 26.08.2020	B01J 35/10
SEPARATING GASES	(87) EP2013059539	F01N 3/10
(73) ATLAS COPCO AIRPOWER, naamloze	14.11.2013	(11) EP2832444
vennootschap	(22) 07.05.2013	(21) EP13768487.4
(72) HEIRMAN, Peter Jozef	(54) GLASS, QUARTZ OR METAL PILE	(47) 26.08.2020
(31) 201200191	FABRIC	(87) JP2013053614
(32) 19.03.2012	(73) LOUTI	03.10.2013
(33) Belgium	Tissages Des Roziers	(22) 15.02.2013
(51) B01D 53/22	(72) FAURIE, Jean-Michel	(54) PALLADIUM CATALYST
C03B 19/14	CHAVANON, Didier	(73) Mitsui Mining and Smelting Co., Ltd.
(11) EP3259236	COMPIGNE, Gérard	(72) WAKABAYASHI, Takashi
(21) EP16704663.0	PERIAT, Emmanuel	SHIBATA, Yosuke
(47) 26.08.2020	(31) 1254299	NAKAHARA, Yunosuke
(87) EP2016053311	(32) 10.05.2012	YASUDA, Kiyotaka
25.08.2016	(33) France	(31) 2012080847
(22) 17.02.2016	(51) B01D 53/94	(32) 30.03.2012
(54) METHOD AND APPARATUS	B01J 23/38	(33) Japan
FOR MAKING SILICA GLASS	B01J 35/00	(51) B01D 61/00
FROM POLYMERISABLE	B01J 35/04	B01D 61/02
POLYALKYLSILOXANE WITH	B01J 37/02	B01D 61/14
MEMBRANE FILTER AS CLEANING	F01N 3/022	B01D 67/00
DEVICE	F01N 3/023	B01D 71/06
(73) Heraeus Quarzglas GmbH & Co. KG	F01N 3/035	B01D 71/16
(72) OTTO, Norbert	F01N 3/10	B01D 71/56
TROMMER, Martin	(11) EP3419754	B01D 71/60
(31) 15155566	(21) EP17706477.1	(11) EP2576027
(32) 18.02.2015	(47) 26.08.2020	(21) EP11790058.9
(33) European Patent Office (EPO)	(87) EP2017053981	(47) 26.08.2020
(51) B01D 53/32	31.08.2017	(87) NO2011000162
(11) EP3023518	(22) 22.02.2017	08.12.2011
(21) EP15196007.7	(54) METHOD FOR THE PREPARATION	(22) 31.05.2011
(47) 26.08.2020	OF A ZONE COATED CATALYSED	(54) THIN FILM COMPOSITE MEMBRANES
(22) 24.11.2015	MONOLITH	(73) Nilsen, Tom Nils
(54) AIRCRAFT FUEL TANK ULLAGE GAS	(73) Haldor Topsøe A/S	(72) ALSVIK, Inger Lise
MANAGEMENT SYSTEM	(72) JOHANSEN, Keld	(31) 20100814
(73) Hamilton Sundstrand Corporation	(31) 201600109	(32) 04.06.2010
(72) DARLING, Robert Mason	(32) 24.02.2016	(33) Norway
PERRY, Michael L.	(33) Denmark	(51) B01D 61/02
(31) 201414552100	(51) B01D 53/94	B01D 61/06

B01D 61/42	G01N 31/00	B01J 8/18
F03G 7/00	G01N 33/577	C10G 11/18
H01M 8/22	G01N 35/08	(11) EP2843028
(11) EP2909477	(11) EP2278338	(21) EP13781153.5
(21) EP13785551.6	(21) EP10174436.5	(47) 26.08.2020
(47) 26.08.2020	(47) 26.08.2020	(87) JP2013051102
(87) FR2013052442	(22) 09.05.2003	31.10.2013
24.04.2014	(54) Device and method for pressure-driven	(22) 21.01.2013
(22) 14.10.2013	plug transport and reaction	(54) MIXING DEVICE FOR MIXING RAW
(54) METHOD AND DEVICE FOR	(73) The University of Chicago	MATERIAL AND ITS USE
PRODUCING ENERGY	(72) Ismagilov, Rustem F	(73) JX Nippon Oil & Energy Corporation
(73) Sweetch Energy	(31) 379927 P	(72) SHIMADA, Koji
(72) BOCQUET, Lyderic	394544 P	SAITO, Naoya
BIANCE, Anne-laure	(32) 09.05.2002	(31) 2012102399
PONCHARAL, Philippe	08.07.2002	(32) 27.04.2012
SIRIA, Alessandro	(33) United States of America	(33) Japan
(31) 1259847	United States of America	(51) B01F 11/00
(32) 16.10.2012	(51) B01F 3/08	B01F 13/00
(33) France	B01F 13/00	B01F 15/00
(51) B01D 61/42	B01J 8/06	B01F 15/02
B01D 61/46	B01J 19/24	B01L 3/00
B01D 61/50	B01J 19/26	B04B 5/04
C02F 1/469	B01L 3/00	G01N 1/38
C02F 3/00	B01L 3/02	G01N 1/40
C02F 3/34	(11) EP2760578	G01N 15/00
C02F 103/08	(21) EP12860342.0	G01N 15/04
H01M 8/16	(47) 26.08.2020	G01N 33/49
(11) EP3336064	(87) US2012057404	G01N 35/00
(21) EP16382615.9	27.06.2013	G01N 35/04
(47) 26.08.2020	(22) 27.09.2012	(11) EP2954302
(22) 16.12.2016	(54) SYSTEMS AND METHODS FOR	(21) EP14749441.3
(54) METHOD OF DESALINATION AND	DROPLET PRODUCTION AND/OR	(47) 26.08.2020
WASTEWATER TREATMENT IN A	FLUIDIC MANIPULATION	(87) US2014015170
MICROBIAL DESALINATION CELL	(73) President and Fellows of Harvard	14.08.2014
REACTOR	College	(22) 06.02.2014
(73) FCC Aqualia, S.A.	(72) SPERLING, Ralph, Alexander	(54) AUTOMATED SAMPLE PROCESSING,
Fundacion Instituto Madrileno de	ABATE, Adam, R.	FLUID DISTRIBUTION, AND
Estudios Avanzados IMDEA Agua	WEITZ, David, A.	SEDIMENTATION ASSAY
(72) Ortiz Díaz-Guerra, Juan Manuel	(31) 201161540194 P	(73) Sandstone Diagnostics, Inc.
Esteve-Núñez, Abraham	(32) 28.09.2011	(72) SCHAFF, Ulrich
Borjas Hernández, Lidia Zulema	(33) United States of America	TOMKINS-TINCH, Christopher
Monsalvo García, Víctor Manuel	(51) B01F 3/12	SAUERS, Jason
Rogalla, Frank	B01F 5/00	SOMMER, Greg
(51) B01D 61/46	B08B 3/00	(31) 201361761891 P
C01B 7/03	B08B 3/02	(32) 07.02.2013
C02F 1/469	B08B 3/04	(33) United States of America
C02F 103/06	B08B 3/10	(51) B01J 2/02
C02F 103/08	B29B 17/02	B29B 13/06
(11) EP2582619	(11) EP3423203	C08J 3/12
(21) EP10782532.5	(21) EP17707224.6	(11) EP3271126
(47) 26.08.2020	(47) 26.08.2020	(21) EP16715395.6
(87) EP2010005284	(87) EP2017054006	(47) 26.08.2020
29.12.2011	08.09.2017	(87) US2016022923
(22) 27.08.2010	(22) 22.02.2017	29.09.2016
(54) METHOD FOR PRODUCING	(54) DEVICE AND METHOD FOR THE	(22) 17.03.2016
HYDROGEN CHLORIDE OR AN	JOINT FEEDING OF PLASTIC	(54) IMPROVED DRYING METHODS
AQUEOUS SOLUTION THEREOF	PARTICLES AND A LIQUID INTO A	(73) SABIC Global Technologies B.V.
USING UNTREATED SALT WATER AND	PURIFICATION DEVICE	(72) HOCKER, Thomas
ELECTRODIALYSIS SYSTEM	(73) CVP Clean Value Plastics GmbH	GAUTAM, Pankaj, Singh
(73) WME Gesellschaft für	(72) HOFMANN, Michael	HOLLAR, William, E
windkraftbetriebe	SCHNEIDER, Dirk	MAHOOD, James, Alan
Meerwasserentsalzung mbH	(31) 102016103781	PETERS, Richard
(72) HUSS, Rainer	(32) 03.03.2016	(31) 201562135950 P
(31) 102010017491	(33) Germany	(32) 20.03.2015
(32) 21.06.2010	(51) B01F 5/04	(33) United States of America
(33) Germany	B01J 8/00	(51) B01J 2/04
(51) B01F 1/00	B01J 8/08	B29B 13/06
B01L 3/00	B01J 8/12	C08J 3/12

(11) EP3271060	(21) EP13709390.2	G01N 35/00
(21) EP16715393.1	(47) 26.08.2020	G01N 35/08
(47) 26.08.2020	(87) EP2013054486	G01N 37/00
(87) US2016022883	03.10.2013	(11) EP3046664
29.09.2016	(22) 06.03.2013	(21) EP14845902.7
(22) 17.03.2016	(54) METHOD FOR HYDROLYSING	(47) 26.08.2020
(54) IMPROVED DRYING SYSTEMS FOR	ACETONE CYANOHYDRIN	(87) JP2014075766
POLYMERS	(73) Röhm GmbH	26.03.2015
(73) SABIC Global Technologies B.V.	(72) SELBACH, Arndt	(22) 19.09.2014
(72) HOCKER, Thomas	SARTORELLI, Lorenza	(54) FLUIDIC DEVICE, TRANSFER
GAUTAM, Pankaj, Singh	PERL, Andreas	MEMBER, AND METHOD FOR
HOLLAR, William, E., Jr.	DEINKEN, Joachim	FABRICATING FLUIDIC DEVICE
MAHOOD, James, Alan	SOHNEMANN, Stefanie	(73) Ricoh Company, Ltd.
PETERS, Richard	MNICH, Norbert	(72) KOBAYASHI, Rie
(31) 201562135974 P	GRÖMPING, Matthias	(31) 2013194508
(32) 20.03.2015	GROPP, Udo	2014151898
(33) United States of America	MERTZ, Thomas	(32) 19.09.2013
(51) B01J 3/04	(31) 102012205257	25.07.2014
B01J 8/00	(32) 30.03.2012	(33) Japan
B01J 19/24	(33) Germany	
C08F 10/02	(51) B01J 13/08	(51) B01J 19/10
C08F 110/02	F28D 20/02	G01N 29/00
C08F 210/02	(11) EP3259054	G01N 29/34
(11) EP2029268	(21) EP16711328.1	G01N 33/50
(21) EP07723981.2	(47) 26.08.2020	G01N 33/62
(47) 26.08.2020	(87) FR2016000025	(11) EP3549665
(87) EP2007003040	25.08.2016	(21) EP19167291.4
29.11.2007	(22) 17.02.2016	(47) 26.08.2020
(22) 04.04.2007	(54) POLYMERIC MICROPARTICLES	(22) 04.04.2019
(54) AN APPARATUS FOR THE	(73) COATEX	(54) METHOD AND DEVICE FOR
PRODUCTION OF POLYETHYLENE	(72) CHAMPAGNE, Clémentine	SONICATING A BIOLOGICAL SAMPLE
AND ETHYLENE COPOLYMERS	SUAU, Jean-Marc	(73) F. Hoffmann-La Roche AG
(73) ExxonMobil Chemical Patents Inc.	(31) 1551348	Roche Diagnostics GmbH
(72) CLAESSENS, Roger	(32) 18.02.2015	(72) BIRKNER, Patrick
LAMMENS, Henri, A.	(33) France	LOETSCHER, Pirmin, Hans
VAES, Geert	(51) B01J 13/18	HOLZER, Manfred
VAN NULAND, Tom	(11) EP3138627	NILSSON, Ulf
(31) 0609973	(21) EP16171526.3	(31) 18165846
(32) 19.05.2006	(47) 26.08.2020	(32) 05.04.2018
(33) United Kingdom	(22) 26.05.2016	(33) European Patent Office (EPO)
(51) B01J 3/06	(54) A PROCESS FOR PREPARATION OF	(51) B01J 20/20
B24D 3/34	SELF HEALING MICROCAPSULES	B01J 20/28
C22C 1/05	(73) Council of Scientific & Industrial	B01J 20/30
C22C 26/00	Research	C01B 3/00
E21B 10/567	(72) SHUKLA, Parshuram Gajanan	C01B 32/05
(11) EP2560749	JADHAV, Arun Savalaram	(11) EP3228589
(21) EP11724034.1	(31) 1495DE2015	(21) EP15865283.4
(47) 26.08.2020	(32) 26.05.2015	(47) 26.08.2020
(87) IB2011051735	(33) India	(87) JP2015083612
27.10.2011	(51) B01J 13/22	09.06.2016
(22) 20.04.2011	(11) EP3227016	(22) 30.11.2015
(54) POLYCRYSTALLINE SUPERHARD	(21) EP15804514.6	(54) CARBON MATERIAL AND METHOD
MATERIAL	(47) 26.08.2020	RELATING TO SAME
(73) ELEMENT SIX ABRASIVES S.A.	(87) EP2015078554	(73) National University Corporation Gunma
(72) FRIES, Robert	09.06.2016	University
(31) 201006821	(22) 03.12.2015	Nisshinbo Holdings, Inc.
(32) 23.04.2010	(54) MICROCAPSULES	(72) IMASHIRO, Yasuo
(33) United Kingdom	(73) BASF SE	KOBAYASHI, Rieko
(51) B01J 4/00	(72) BURAKOWSKA-MEISE, Ewelina	OSUGA, Noriko
B01J 19/00	BEM, Valeria	OZAKI, Jun-ichi
B01J 19/24	STAFF, Roland Hinrich	KUJIRAI, Hirotaka
C07C 51/06	LINDEMANN, Brigitte	KOBAYASHI, Setsura
C07C 51/08	WITTELER, Helmut	(31) 2014246814
C07C 51/377	(31) 14196271	(32) 05.12.2014
C07C 67/08	(32) 04.12.2014	(33) Japan
C07C 231/06	(33) European Patent Office (EPO)	(51) B01J 20/22
C07C 253/30	(51) B01J 19/00	B01J 20/28
(11) EP2830753	G01N 33/52	B01J 20/30

C02F 1/28	(33) European Patent Office (EPO)	Chen, Xiqiang
C02F 101/32	(51) B01J 23/46	Xu, Feng
C09K 3/32	B01J 32/00	Yang, Weimin
(11) EP3424591	B01J 37/02	Xiao, Jingxian
(21) EP17759023.9	B01J 37/14	(51) B01J 31/08
(47) 26.08.2020	C01B 7/04	C01B 33/107
(87) BR2017050043	C01G 55/00	(11) EP2371765
08.09.2017	(11) EP2098290	(21) EP09835091.1
(22) 01.03.2017	(21) EP07832830.9	(47) 26.08.2020
(54) METHOD FOR OBTAINING	(47) 26.08.2020	(87) JP2009071835
HYDROCARBON ABSORBER AND	(87) JP2007073132	01.07.2010
PRODUCT OBTAINED	12.06.2008	(22) 22.12.2009
(73) Biosolvit Indústria, Comércio E	(22) 22.11.2007	(54) CHLOROSILANE MANUFACTURING
Distribuição De Fibras Vegetais E	(54) METHOD FOR PRODUCING	METHOD
Productus Derivados LTDA	RUTHENIUM OXIDE LOADED BODY	(73) Tokuyama Corporation
(72) MARTINS FLORENTINO, Wagner	AND METHOD FOR PRODUCING	(72) IYAMA, Shouji
(31) 102016046238	CHLORINE	YAMAMOTO, Tomohiro
(32) 01.03.2016	(73) Sumitomo Chemical Company, Limited	TAKATA, Yukihiko
(33) Brazil	(72) SEKI, Kohei	KOYANAGI, Shinichirou
(51) B01J 20/24	(31) 2006318303	SAKATA, Kanji
C02F 1/28	(32) 27.11.2006	(31) 2008330269
G21F 9/12	(33) Japan	(32) 25.12.2008
(11) EP2485835	(51) B01J 23/58	(33) Japan
(21) EP10781958.3	B01J 23/62	(51) B01J 31/18
(47) 26.08.2020	B01J 32/00	C07C 2/36
(87) FR2010052122	B01J 35/00	C08F 4/6592
14.04.2011	B01J 35/02	C08F 4/69
(22) 08.10.2010	C07C 29/17	C08F 10/02
(54) METHOD FOR THE OXIDATION	(11) EP2864045	(11) EP3243847
TREATMENT OF A SUBSTRATE	(21) EP13732433.1	(21) EP15892693.1
FOR THE ADSORPTION OF	(47) 26.08.2020	(47) 26.08.2020
RADIONUCLIDES AND USE OF	(87) EP2013062956	(87) KR2015013605
THE SUBSTRATE TREATED BY	27.12.2013	24.11.2016
THIS PROCESS FOR CAPTURING	(22) 21.06.2013	(22) 11.12.2015
RADIONUCLIDES CONTAINED IN A	(54) Use of a Lindlar type catalyst for the	(54) CATALYTIC COMPOSITION
FLUID	partial hydrogenation of 6-hydroxy-3-(5-	AND METHOD OF PREPARING
(73) Pe@rl	hydroxy-3-methyl-pent-3-in-1-ynyl)-2,4,4-	POLYOLEFIN USING SAME
(72) DECOSAS, Jean Louis	trimethylcyclohex-2-enone	(73) LG Chem, Ltd.
KRAUSZ, Pierre	(73) DSM IP Assets B.V.	(72) PARK, Jin Young
GLOAGUEN, Vincent	(72) BONRATH, Werner	LEE, Yong Ho
JAUBERTY, Loïc	BUSS, Axel	LEE, Seung Mi
ASTIER, Cédric	MEDLOCK, Jonathan Alan	LEE, Ki Soo
BERLAND, Alexandre	MUELLER, Thomas	SHIN, Eun Ji
ROYER, Anne	(31) 12173191	SA, Seok Pil
NIORT, Isabelle	(32) 22.06.2012	IM, Seul Ki
GRANGER, Valérie	(33) European Patent Office (EPO)	(31) 20150068301
(31) 0957024	(51) B01J 29/18	20150175758
(32) 08.10.2009	B01J 29/40	(32) 15.05.2015
(33) France	B01J 29/44	10.12.2015
(51) B01J 21/12	B01J 29/70	(33) Korea (Republic)
B01J 23/883	C07C 1/20	Korea (Republic)
B01J 37/02	C07C 2/86	(51) B01J 35/00
C10G 47/12	C07C 6/12	C04B 26/02
(11) EP2794092	C07C 15/02	C04B 35/00
(21) EP12812619.0	C07C 15/08	(11) EP2726203
(47) 26.08.2020	C10G 3/00	(21) EP12745553.3
(87) EP2012076292	C10G 29/20	(47) 26.08.2020
27.06.2013	(11) EP3015445	(87) IB2012053271
(22) 20.12.2012	(21) EP14191061.2	10.01.2013
(54) PROCESS FOR PREPARING	(47) 26.08.2020	(22) 28.06.2012
HYDROCRACKING CATALYST	(22) 30.10.2014	(54) PHOTOCATALYTIC AND ANTI-
(73) Shell Internationale Research	(54) A method for producing an aromatic	BACTERIAL MATERIAL AND USE
Maatschappij B.V.	hydrocarbon with an oxygenate as raw	THEREOF IN THE BUILDING,
(72) OUWEHAND, Cornelis	material	LIGHTING AND FURNISHING FIELD
RIGUTTO, Marcello Stefano	(73) China Petroleum & Chemical Corporation	(73) Buzzi & Buzzi S.r.l.
VAN WELSENES, Jan Arend	Shanghai Research Institute of	(72) BUZZI, Dario
(31) 11195488	Petrochemical Technology SINOPEC	BUZZI, Andrea
(32) 23.12.2011	(72) Wang, Zheming	CHIARI, Maria Luisa

(31) MI20111233	B32B 27/40	(47) 26.08.2020
(32) 01.07.2011	B32B 7/06	(87) KR2015006322
(33) Italy	(11) EP3197601	28.01.2016
(51) B01L 3/00	(21) EP14902533.0	(22) 22.06.2015
B01L 7/00	(47) 26.08.2020	(54) MULTIPLEX PCR CHIP AND
G01N 35/00	(87) US2014068964	MULTIPLEX PCR DEVICE
(11) EP3523044	31.03.2016	(73) Nanobiosys Inc.
(21) EP17787877.4	(22) 06.12.2014	(72) KIM, Sung Woo
(47) 26.08.2020	(54) TAPED INTERLAYER FLOW-CELL	KIM, Duck Joong
(87) EP2017025295	WITH METALLIC MASKING LAYERS	JEUN, Seung Hyun
12.04.2018	(73) Corning Incorporated	(31) 20140093312
(22) 05.10.2017	(72) KARAM, Raymond M.	(32) 23.07.2014
(54) METHOD AND ANALYSIS SYSTEM	RUSSOS, Georges	(33) Korea (Republic)
FOR TESTING A SAMPLE	CHOBOT, Anthony T.	(51) B01L 7/00
(73) Boehringer Ingelheim Vetmedica GmbH	(31) 201414498003	G01N 21/00
(72) SCHOEDER, Heinz	(32) 26.09.2014	G01N 30/04
WUERZ, Kai	(33) United States of America	G01N 35/04
(31) 16020387	(51) B01L 3/00	(11) EP2516989
(32) 07.10.2016	G01N 35/02	(21) EP11855267.8
(33) European Patent Office (EPO)	G01N 35/04	(47) 26.08.2020
(51) B01L 3/00	G01N 35/10	(87) US2011020735
B01L 9/00	(11) EP2194385	19.07.2012
G01N 35/10	(21) EP08833456.0	(22) 11.01.2011
(11) EP3273253	(47) 26.08.2020	(54) APPARATUS FOR REDUCING
(21) EP17184677.7	(87) JP2008002641	VARIATION IN SAMPLE
(47) 26.08.2020	02.04.2009	TEMPERATURES IN A LIQUID
(22) 28.09.2012	(22) 24.09.2008	CHROMATOGRAPHY SYSTEM
(54) UNITIZED REAGENT STRIP	(54) REAGENT CONTAINER	(73) Waters Technologies Corporation
(73) Becton, Dickinson and Company	(73) FUJIFILM Wako Pure Chemical	(72) SHREVE, Joshua, A.
(72) LENTZ, Ammon, David	Corporation	USOWICZ, James, E.
LIVINGSTON, Dwight	(72) DENAWA, Tatsuyuki	SOARES, Miguel
STEEL, Adam, Bruce	HAYASHI, Masayoshi	(51) B02C 15/00
ST. PIERRE, Richard	KUROSAWA, Tatsuo	F16H 57/08
(31) 201161541991 P	SATOMURA, Masahiro	(11) EP3421844
(32) 30.09.2011	WATANABE, Mitsuo	(21) EP17179080.1
(33) United States of America	(31) 2007246617	(47) 26.08.2020
(51) B01L 3/00	2008083003	(22) 30.06.2017
B01L 99/00	(32) 25.09.2007	(54) PLANETARY GEARING CARRIER
(11) EP2624954	27.03.2008	ASSEMBLY, VERTICAL MILL GEAR
(21) EP11764212.4	(33) Japan	AND VERTICAL MILL
(47) 26.08.2020	Japan	(73) Flender GmbH
(87) EP2011067341	(51) B01L 3/02	(72) Becka, Simon
12.04.2012	G01N 35/10	Brun, Steffen
(22) 04.10.2011	(11) EP3362182	Friedrich, Matthias
(54) METHOD FOR WASHING A	(21) EP16781109.0	Josten, Guido
MICROFLUID CAVITY	(47) 26.08.2020	Messink, Christoph
(73) BOEHRINGER INGELHEIM microParts	(87) EP2016074397	Prusak, Robert
GmbH	20.04.2017	Schlegel, Eugen
(72) STOETERS, Wolfgang	(22) 12.10.2016	Schmeink, Franz
YU, Ying	(54) PIPETTING DEVICE FOR AN	Schroer, Dirk
KNOLL, Silke	APPARATUS FOR PROCESSING A	Tegelkamp, Michael
(31) 10186833	SAMPLE OR REAGENT, APPARATUS	(51) B03C 1/28
(32) 07.10.2010	FOR PROCESSING A SAMPLE	(11) EP3404398
(33) European Patent Office (EPO)	OR REAGENT AND METHOD FOR	(21) EP17210505.8
(51) B01L 3/00	PIPETTING A SAMPLE OR REAGENT	(47) 26.08.2020
B32B 3/04	(73) F.Hoffmann-La Roche AG	(22) 22.12.2017
B32B 3/26	(72) BACHMANN, Hans-Rudolf	(54) AUTOMATIC CELL ISOLATION AND
B32B 7/12	SCHNEEBELI, Rolf	COLLECTION SYSTEM
B32B 9/00	(31) 15189533	(73) Kaohsiung Medical University
B32B 9/04	(32) 13.10.2015	(72) LIN, Che Hsin
B32B 15/08	(33) European Patent Office (EPO)	WANG, Yao Hsien
B32B 15/18	(51) B01L 7/00	CHEN, Chung Hwan
B32B 15/20	C12M 1/00	CHANG, Je Ken
B32B 27/06	C12M 1/02	HO, Mei-Ling
B32B 27/08	C12M 1/32	(31) 106115926
B32B 27/28	C12M 1/38	(32) 15.05.2017
B32B 27/30	(11) EP3173469	(33) Taiwan, Province of China
B32B 27/36	(21) EP15825502.6	(51) B04B 1/20

B04B 7/02	(54) COATING METHOD AND COATING	HIRAMATSU, Takahiro
B04B 15/12	DEVICE	(51) B05B 7/06
(11) EP3154703	(73) Toyo Seikan Co., Ltd.	B05B 7/08
(21) EP15729433.1	(72) ENDO Kouhei	B05B 7/10
(47) 26.08.2020	MORI Takuya	B05B 7/12
(87) EP2015063097	MANOU Taketoshi	B05B 7/16
17.12.2015	MIYAZAKI Tomoyuki	F04C 2/10
(22) 11.06.2015	NYUU Keisuke	F04C 2/107
(54) SOLID-JACKET SCREW CENTRIFUGE	(31) 2015142211	F04C 13/00
(73) GEA Mechanical Equipment GmbH	(32) 16.07.2015	(11) EP3165288
(72) AAGAARD, Poul-Erik	(33) Japan	(21) EP15193434.6
KRISTENSEN, Torben	(51) B05B 5/025	(47) 26.08.2020
(31) 102014108236	B05B 5/043	(22) 06.11.2015
(32) 12.06.2014	B05B 5/08	(54) JET DEVICE
(33) Germany	B05B 7/14	(73) ViscoTec Pumpen- und Dosiertechnik GmbH
(51) B04B 5/12	B05B 13/02	(72) Kelsch, Horst
F01M 13/04	B05D 1/06	Müller, Daniel
(11) EP3594461	B05D 3/02	Kirmeier, Andreas
(21) EP19185978.4	B05D 3/04	(51) B05B 7/08
(47) 26.08.2020	B05D 7/14	B05B 11/00
(22) 12.07.2019	B05D 7/24	B05C 5/02
(54) ROTARY SEPARATOR FOR FILTERING	B60G 21/055	B05B 15/00
THE MIXTURE OF GAS AND	B05B 12/18	(11) EP3332875
SUPENSION OIL PRESENT IN THE	(11) EP3366378	(21) EP18150307.9
CRANKCASE	(21) EP16857333.5	(47) 26.08.2020
(73) S.T.C. S.r.l.	(47) 26.08.2020	(22) 25.11.2011
(72) COLONNA, Giuseppe	(87) JP2016080140	(54) AIR ASSISTED SEVERANCE OF
(31) 201800007172	27.04.2017	VISCOUS FLUID STREAM
(32) 13.07.2018	(22) 11.10.2016	(73) Op-Hygiene IP GmbH
(33) Italy	(54) COATING SPRAYING DEVICE FOR	(72) Mirbach, Ali
(51) B05B 1/34	STABILIZER, COATING EQUIPMENT,	Ophardt, Heiner
B05B 9/01	AND COATING METHOD	(31) 2722646
B05B 9/08	(73) NHK Spring Co., Ltd.	(32) 26.11.2010
B05B 11/00	(72) SAKURAI, Yasuharu	(33) Canada
(11) EP3046681	KOSHITA, Yoshihiro	(51) B05B 11/00
(21) EP14844174.4	OTANI, Akifumi	(11) EP3484628
(47) 26.08.2020	(31) 2015209163	(21) EP16747457.6
(87) US2014055804	(32) 23.10.2015	(47) 26.08.2020
19.03.2015	(33) Japan	(87) EP2016067025
(22) 16.09.2014	(51) B05B 7/00	25.01.2018
(54) SPRAY TIP AND METHOD OF	B23Q 11/00	(22) 18.07.2016
MANUFACTURE	B23Q 11/10	(54) DISPENSER OF LIQUID OR PASTY
(73) Graco Minnesota Inc.	(11) EP3456468	PRODUCTS
(72) BECKER, Steven Dale	(21) EP18194134.5	(73) RPC Bramlage GmbH
OLSON, Diane Leigh	(47) 26.08.2020	(72) GÖTTKE, Sabine
WOJCIECHOWSKI, Craig Joseph	(22) 12.09.2018	(51) B05B 11/00
THOMPSON, David John	(54) LUBRICATION DEVICE FOR WHEEL	(11) EP3447004
(31) 201361878191 P	MACHINING	(21) EP18739719.5
201461929403 P	(73) Citic Dicastal Co., Ltd.	(47) 26.08.2020
201461987654 P	(72) LIU, Huiying	(87) CN2018074301
(32) 16.09.2013	XUE, Bowen	20.12.2018
20.01.2014	(31) 201710826738	(22) 26.01.2018
02.05.2014	(32) 14.09.2017	(54) COMPACT SPRAY BOTTLE FILLED
(33) United States of America	(33) China	FROM BOTTOM
United States of America	(51) B05B 7/04	(73) Changzhou Ivorie Shengmei Packaging
United States of America	B05B 7/08	Technology Co., Ltd.
(51) B05B 3/02	B05B 13/00	(72) FEI, Xiaoming
B05B 13/04	(11) EP2915588	GU, Zhipei
B05B 13/06	(21) EP12887704.0	(31) 201710457160
B05D 1/02	(47) 26.08.2020	(32) 16.06.2017
B05D 3/00	(87) JP2012078580	(33) China
B05D 7/22	08.05.2014	(51) B05B 11/00
(11) EP3323516	(22) 05.11.2012	B65D 83/00
(21) EP16824227.9	(54) FILM-FORMING APPARATUS	(11) EP3199245
(47) 26.08.2020	(73) Toshiba Mitsubishi-Electric Industrial	(21) EP17150345.1
(87) JP2016068490	Systems Corporation	(47) 26.08.2020
19.01.2017	(72) SHIRAHATA, Takahiro	
(22) 22.06.2016	ORITA, Hiroyuki	

(22) 05.01.2017	(33) United Kingdom	(72) SHORT, Matthew, A.
(54) AIR-VENTING DEVICE FOR A LIQUID PRODUCT DISPENSER WITH NO AIR INTAKE	(51) B05D 1/34	(31) 201414166036
(73) Albea Lacrost	B05D 3/04	(32) 28.01.2014
(72) ROSSIGNOL, Eric	C08J 7/04	(33) United States of America
(31) 1650785	(11) EP2718025	(51) B07B 7/083
(32) 01.02.2016	(21) EP12726101.4	B07B 7/10
(33) France	(47) 26.08.2020	(11) EP2755777
(51) B05B 13/04	(87) EP2012060625	(21) EP12759107.1
B67B 1/03	13.12.2012	(47) 26.08.2020
(11) EP3106424	(22) 05.06.2012	(87) EP2012067825
(21) EP14882244.8	(54) METHOD FOR COATING AND/OR PAINTING VEHICLE PARTS, FOR PRODUCING CURED POLYMER COMPOUNDS AND A TWO- OR MULTI-COMPONENT REACTIVE SYSTEM THEREFOR	21.03.2013
(47) 26.08.2020	(73) Dürr Systems AG	(22) 12.09.2012
(87) ES2014000022	(72) ORTLIEB, Konrad	(54) SEPARATOR FOR GRANULAR MATERIALS
20.08.2015	(31) 102011050871	(73) Magotteaux International SA
(22) 11.02.2014	(32) 06.06.2011	(72) PRIGNON, Xavier
(54) HIGH-SPEED STICKING UNIT FOR CONTAINER LIDS	(33) Germany	(31) 201100547
(73) Taller Autorema, s.l.	(51) B06B 1/06	(32) 14.09.2011
(72) MORENO NAVARRO, Rafael	H01L 41/083	(33) Belgium
PUJANTE LOPEZ, Jesús	(11) EP2759003	(51) B07B 13/00
MORENO NAVARRO, Angel	(21) EP12834082.5	B07B 13/08
ROCAS NIETO, Lucas	(47) 26.08.2020	B07B 13/16
(51) B05B 15/628	(87) US2012056393	B07C 5/16
B05B 15/652	28.03.2013	B07C 5/34
(11) EP3515605	(22) 20.09.2012	H04N 5/33
(21) EP17804001.0	(54) ULTRASOUND TRANSDUCER	(11) EP3409384
(47) 26.08.2020	(73) Sunnybrook Research Institute	(21) EP17868106.0
(87) NO2017050243	(72) HYNYNEN, Kullervo	(47) 26.08.2020
29.03.2018	SONG, Junho	(87) KR2017011711
(22) 25.09.2017	(31) 201161536636 P	11.05.2018
(54) TELESCOPIC LANCE	(32) 20.09.2011	(22) 23.10.2017
(73) AVA of Norway AS	(33) United States of America	(54) SYSTEM FOR DETECTING, REMOVING, TRANSFERRING, AND RETRIEVING INCOMPLETELY DRIED RAW MATERIAL
(72) TORLEI, Morten	(51) B06B 1/18	(73) LG Chem, Ltd.
(31) 20161535	F04D 35/00	(72) KIM, Hyung Sop
(32) 25.09.2016	F42D 3/06	PARK, Hyeong Woo
(33) Norway	(11) EP2953734	(31) 20160145166
(51) B05B 17/00	(21) EP14748469.5	(32) 02.11.2016
B05B 17/06	(47) 26.08.2020	(33) Korea (Republic)
(11) EP2957348	(87) CA2014050085	(51) B07C 7/02
(21) EP15172654.4	14.08.2014	B62B 3/00
(47) 26.08.2020	(22) 07.02.2014	B62B 3/16
(22) 18.06.2015	(54) PRESSURE WAVE GENERATOR WITH A SABOT LAUNCHED PISTON AND METHOD FOR GENERATING A PRESSURE WAVE	B62B 3/18
(54) ATOMIZING ASSEMBLY AND ATOMIZER FORMED THEREBY	(73) General Fusion Inc.	B62B 5/00
(73) Taiwan Puritic Corp.	(72) MCILWRAITH, Lon William	B65D 19/42
(72) Huan-Ping, TENG	LABERGE, Michel G.	B65D 21/02
(31) 103210921	(31) 201361762495 P	B65G 1/07
(32) 20.06.2014	(32) 08.02.2013	(11) EP2807070
(33) Taiwan, Province of China	(33) United States of America	(21) EP12823083.6
(51) B05C 5/02	(51) B06B 3/00	(47) 26.08.2020
B41J 3/407	B23K 20/10	(87) GB2012053280
B41J 11/00	B29C 65/08	01.08.2013
B41J 11/06	(11) EP3099468	(22) 31.12.2012
(11) EP2576228	(21) EP15742625.5	(54) APPARATUS FOR SELF-LEVELLING STORING A PLURALITY OF OBJECTS SUCH AS TRAYS
(21) EP11739141.7	(47) 26.08.2020	(73) Linnell, Michael Charles Snr
(47) 26.08.2020	(87) US2015013085	Linnell, Michael Charles Jnr
(87) GB2011051012	06.08.2015	Manning, Sharon Ann
01.12.2011	(22) 27.01.2015	(72) LINNELL, Michael Charles Snr
(22) 27.05.2011	(54) ULTRASONIC SONOTRODE FOR TRANSVERSELY ALIGNED TRANSDUCER	LINNELL, Michael Charles Jnr
(54) METHOD OF ADJUSTING SURFACE TOPOGRAPHY	(73) Edison Welding Institute, Inc.	(31) 201201135
(73) Inca Digital Printers Limited		201202948
(72) HEYLEN, Philip		201212605
CAMPBELL, Nicholas		201214223
(31) 201008891		
(32) 27.05.2010		

(32) 24.01.2012	(31) 202014105995 U	(32) 18.12.2013
21.02.2012	(32) 11.12.2014	23.12.2013
16.07.2012	(33) Germany	(33) Korea (Republic)
09.08.2012	(51) B08B 15/02	Korea (Republic)
(33) United Kingdom	F24F 9/00	(51) B21B 19/04
United Kingdom	(11) EP2629024	B23K 35/30
United Kingdom	(21) EP13154659.0	C21D 1/18
United Kingdom	(47) 26.08.2020	C21D 1/42
(51) B08B 1/00	(22) 08.02.2013	C21D 6/00
B22C 7/00	(54) Extractor with improved suction intake	C21D 9/00
B22F 3/105	(73) Wesemann GmbH	C22C 19/05
B33Y 10/00	(72) Wesemann, Frank	C22C 27/04
B33Y 30/00	(31) 102012002804	C22C 38/00
B29C 64/153	(32) 15.02.2012	C22C 38/02
B29C 64/205	(33) Germany	C22C 38/04
B29C 64/35	(51) B09B 3/00	C22C 38/42
B33Y 40/00	B65B 1/02	C22C 38/44
(11) EP3475057	B65B 1/04	C22C 38/52
(21) EP18731020.6	B65B 9/02	C22C 38/54
(47) 26.08.2020	B65B 9/13	C23C 4/02
(87) EP2018064931	B65B 43/54	C23C 4/18
24.01.2019	B65G 41/00	C23C 4/06
(22) 06.06.2018	E02B 3/10	C23C 4/067
(54) 3D PRINTER HAVING A RECOATER	E02B 3/12	C23C 4/08
AND METHOD FOR CLEANING A	E02D 17/18	(11) EP3498388
RECOATER WITH A RECOATER-	E02D 17/20	(21) EP17839001.9
CLEANING DEVICE	E02D 29/02	(47) 26.08.2020
(73) ExOne GmbH	B65B 9/06	(87) JP2017017763
(72) MÜLLER, Alexander	B65B 9/067	15.02.2018
LEINAUER, Thomas	(11) EP3478587	(22) 10.05.2017
MÜLLER, Andreas	(21) EP16741544.7	(54) METHOD FOR MANUFACTURING
(31) 102017116537	(47) 26.08.2020	PIERCER PLUG
(32) 21.07.2017	(87) EP2016065443	(73) Nippon Steel Corporation
(33) Germany	04.01.2018	(72) HIDAKA, Yasuyoshi
(51) B08B 7/02	(22) 30.06.2016	HIGASHIDA, Yasuto
B60S 1/02	(54) DEVICE FOR PRODUCING TUBULAR	SHIRASAWA, Naoya
B60S 1/08	CONTAINERS	YAMANARI, Yuichi
(11) EP3024598	(73) Topocare GmbH	(31) 2016155647
(21) EP14750702.4	(72) DRAIER, Roland	(32) 08.08.2016
(47) 26.08.2020	(51) B21B 15/00	(33) Japan
(87) EP2014065559	B23D 19/04	(51) B21B 19/14
29.01.2015	B23D 31/00	B21C 37/08
(22) 18.07.2014	B23D 31/02	B23K 11/087
(54) ULTRASONICALLY CLEARING	B23K 103/00	B23K 101/06
PRECIPITATION	B23K 103/04	B23K 103/04
(73) EchoVista GmbH	B23K 26/00	C21D 8/02
(72) TREVETT, David	B23K 26/06	C21D 9/08
TREVETT, Patrick	B23K 26/08	C21D 9/46
(31) 201313061	B23K 26/359	C21D 9/50
(32) 22.07.2013	B23K 26/361	C22C 38/02
(33) United Kingdom	B23K 26/364	C22C 38/04
(51) B08B 9/04	B23K 26/40	C22C 38/06
B08B 9/043	B23K 26/60	C22C 38/08
E03F 7/12	(11) EP3085465	C22C 38/12
E03F 9/00	(21) EP13899855.4	C22C 38/14
F16L 55/18	(47) 26.08.2020	C22C 38/16
F16L 55/26	(87) KR2013012209	C22C 38/22
F16L 55/40	25.06.2015	C22C 38/24
F16L 101/30	(22) 26.12.2013	C22C 38/26
G03B 37/00	(54) APPARATUS FOR SIDE TRIMMING A	C22C 38/28
(11) EP3032331	STEEL PLATE	C22C 38/32
(21) EP15192322.4	(73) Posco	C22C 38/58
(47) 26.08.2020	(72) LIM, Choong Soo	F16L 9/17
(22) 30.10.2015	HUH, Hyeong Jun	(11) EP3239316
(54) DEFLECTING DEVICE	KWAK, Sung Joon	(21) EP15872198.5
(73) iPEK International GmbH	PARK, Sang Ho	(47) 26.08.2020
(72) Pomp, Dominik	(31) 20130157873	(87) JP2015006232
Kiesel, Marvin	20130161413	30.06.2016



(22) 15.12.2015	SPEZIALI, Stefano	(73) Morin, John
(54) HIGH-STRENGTH THICK-WALLED ELECTRIC RESISTANCE WELDED STEEL PIPE FOR CONDUCTOR CASING FOR DEEP WELL, PRODUCTION METHOD THEREFOR, AND HIGH-STRENGTH THICK-WALLED CONDUCTOR CASING FOR DEEP WELL	(31) 503472016 (32) 18.04.2016 (33) Austria	(72) WARREN, Thomas L. MORIN, John
(73) JFE Steel Corporation	(51) B21D 5/02 (11) EP3208007 (21) EP15805618.4 (47) 26.08.2020 (87) IB2015057937 21.04.2016	(31) 201762485755 P 201715839408 (32) 14.04.2017 12.12.2017 (33) United States of America United States of America
(72) GOTO, Sota OKABE, Takatoshi OKAZAKI, Yukihiko	(22) 15.10.2015 (54) DEFORMATION COMPENSATING SYSTEM FOR A PRESS BRAKE	(51) B21D 51/26 B23K 101/12 B23K 103/16 B23K 26/08 B23K 26/361 B23K 26/364 B23K 26/40
(31) 2014262104 (32) 25.12.2014 (33) Japan	(73) Adira - Metal Forming Solutions, S.A. (72) PEREIRA COUTINHO, Cristiano José CARVALHO CUNHA DE BRITO E FARO, Tiago Maria	(11) EP2460615 (21) EP10804412.4 (47) 26.08.2020 (87) JP2010062625 03.02.2011 (22) 27.07.2010
(51) B21B 27/03 (11) EP3523062 (21) EP17781099.1 (47) 26.08.2020 (87) EP2017075604 12.04.2018	(31) 2014107971 (32) 17.10.2014 (33) Portugal	(54) LASER PROCESSING APPARATUSES AND USE OF SUCH APPARATUSES IN A CONTAINER MANUFACTURING APPARATUS
(22) 09.10.2017 (54) ROLL RING ARRANGEMENT HAVING A ROLL RING AND A ROLL SHAFT	(51) B21D 19/08 B21D 22/20 B21D 51/18 B21D 51/52	(73) Nippon Steel Corporation (72) SAKAI, Tatsuhiko YOKOYA, Hirokazu
(73) SMS Group GmbH (72) KLINGEN, Hermann-Josef BULERT, Siegmund SCHEIBEL, Viktor ELIE AL NAHRI, Elie Al	(11) EP3266532 (21) EP15899452.5 (47) 26.08.2020 (87) CN2015094435 02.02.2017	(31) 2009174925 (32) 28.07.2009 (33) Japan
(31) 102016219468 (32) 07.10.2016 (33) Germany	(22) 12.11.2015 (54) DRAWING PROCESS FOR ARC CORNER CONNECTING RIB OF METAL BOX CASING	(51) B21H 5/02 (11) EP3107670 (21) EP15706215.9 (47) 26.08.2020 (87) EP2015053566 27.08.2015
(51) B21C 47/24 B21C 47/26 B21D 1/05 B21D 43/02	(73) Fei, Xiaoming (72) Fei, Xiaoming (31) 201510455137 (32) 29.07.2015 (33) China	(22) 20.02.2015 (54) METHOD FOR PRODUCING A GEAR (73) GKN Sinter Metals Engineering GmbH (72) KOTTHOFF, Gerhard LEUPOLD, Björn WATTENBERG, Frank
(11) EP3213831 (21) EP15855568.0 (47) 26.08.2020 (87) JP2015072231 06.05.2016 (22) 05.08.2015	(51) B21D 22/28 B21D 51/26 (11) EP2969290 (21) EP14778805.3 (47) 26.08.2020 (87) US2014023896 09.10.2014	(31) 102014002219 (32) 21.02.2014 (33) Germany
(54) PROGRESSIVE PROCESSING METHOD	(22) 12.03.2014 (54) OPERATING MECHANISM FOR A VERTICALLY ORIENTED BODYMAKER	(51) B21K 1/22 F01L 3/14 (11) EP3585986 (21) EP18710795.8 (47) 26.08.2020 (87) EP2018054964 03.01.2019
(73) Toshiba Industrial Products and Systems Corporation	(73) Stolle Machinery Company, LLC (72) FLEISCHER, Karl S. BLUE, Rodney A. FOWLER, Tracy Jay	(22) 28.02.2018 (54) PROCESS FOR MANUFACTURING AN INTERNALLY COOLED VALVE HAVING A COOLING STRUCTURE, AND VALVE MANUFACTURED BY SAID METHOD
(72) TSUKAMOTO, Yoshihiro SEO, Youichi YAMADA, Toyonobu ISAKA, Chidai	(31) 201361777190 P (32) 12.03.2013 (33) United States of America	(73) Federal-Mogul Valvetrain GmbH (72) MATTHIAS, Thorsten WOLKING, Antonius BAYARD, Guido LUTHFI, Arief
(31) 2014220252 (32) 29.10.2014 (33) Japan	(51) B21D 39/04 (11) EP3388164 (21) EP18167359.1 (47) 26.08.2020 (22) 13.04.2018	(31) 102017114554 (32) 29.06.2017 (33) Germany
(51) B21D 5/00 B21D 5/04 G01B 21/22	(54) METHOD AND APPARATUS FOR USING CRIMP RINGS ON FLEXIBLE TUBING	(51) B22C 9/08
(11) EP3445510 (21) EP17728039.3 (47) 26.08.2020 (87) AT2017060096 26.10.2017 (22) 18.04.2017		
(54) BENDING BEAM FOR A SWIVEL BENDING MACHINE		
(73) TRUMPF Maschinen Austria GmbH & Co. KG.		
(72) AUZINGER, Michael		

(11) EP3368234	(51) B22D 11/06	(47) 26.08.2020
(21) EP16782282.4	(11) EP2493642	(87) JP2013063306
(47) 26.08.2020	(21) EP10825863.3	28.11.2013
(87) EP2016075091	(47) 26.08.2020	(22) 13.05.2013
04.05.2017	(87) AU2010001447	(54) METHOD FOR MANUFACTURING
(22) 19.10.2016	05.05.2011	BORON-CONTAINING ALUMINUM
(54) PIN HAVING AN EXPANDABLE	(22) 29.10.2010	PLATE MATERIAL
CASING, AND CASTING MODEL	(54) METHOD AND APPARATUS FOR	(73) Kabushiki Kaisha Kobe Seiko Sho (Kobe
HAVING A PIN, AND METHOD FOR	CONTROLLING VARIABLE SHELL	Steel, Ltd.)
CASTING METALS	THICKNESS IN CAST STRIP	(72) ISHIDA, Hitoshi
(73) GTP Schäfer Gießtechnische Produkte	(73) Nucor Corporation	WADA, Ryutaro
GmbH	(72) MAHAPATRA, Rama Ballav	NATSUME, Yukinobu
(72) SCHÄFER, Thomas	McGAUGHEY, David Wayne	(31) 2012118567
SCHÄFER, Jörg	ONDROVIC, Jay Jon	2013010054
BAGINSKI, Thomas	PATTERSON, Tim	(32) 24.05.2012
(31) 102015118335	SCHUEREN, Mike	23.01.2013
(32) 27.10.2015	(31) 256904 P	(33) Japan
(33) Germany	(32) 30.10.2009	Japan
(51) B22C 9/10	(33) United States of America	(51) B22F 1/00
B22D 19/00	(51) B22D 11/16	B22F 1/02
(11) EP3184198	B22D 11/18	B22F 3/14
(21) EP16204608.0	(11) EP3222370	C22C 33/02
(47) 26.08.2020	(21) EP15861026.1	C22C 38/00
(22) 16.12.2016	(47) 26.08.2020	H01F 1/14
(54) METHOD AND ASSEMBLY FOR	(87) KR2015012463	H01F 1/22
FORMING COMPONENTS HAVING	26.05.2016	H01F 27/255
INTERNAL PASSAGES USING A	(22) 19.11.2015	(11) EP3096333
JACKETED CORE	(54) MENISCUS FLOW CONTROL DEVICE	(21) EP15737276.4
(73) General Electric Company	AND MENISCUS FLOW CONTROL	(47) 26.08.2020
(72) SIMPSON, Stanley Frank	METHOD USING SAME	(87) JP2015050758
(31) 201514972805	(73) Posco	23.07.2015
(32) 17.12.2015	(72) HAN, Sang Woo	(22) 14.01.2015
(33) United States of America	JIN, Seon Yong	(54) MAGNETIC CORE AND COIL
(51) B22C 11/10	CHO, Hyun Jin	COMPONENT USING SAME
B22C 15/02	(31) 20140161672	(73) Hitachi Metals, Ltd.
B22C 17/00	20150112510	(72) NOGUCHI, Shin
B22C 25/00	20150128388	NISHIMURA, Kazunori
(11) EP3492195	(32) 19.11.2014	MIHARA, Toshio
(21) EP19150322.6	10.08.2015	(31) 2014004180
(47) 26.08.2020	10.09.2015	(32) 14.01.2014
(22) 07.05.2014	(33) Korea (Republic)	(33) Japan
(54) MACHINE FOR PRODUCING SAND	Korea (Republic)	(51) B22F 1/00
MOULDS	Korea (Republic)	B22F 5/02
(73) Loramendi, S.COOP.	(51) B22D 11/18	C22C 1/05
(72) CALVO POZA, Francisco	B22D 11/20	C22C 29/16
OCIO IGLESIAS, Gonzalo	(11) EP3554744	C22C 30/00
ECHEVARRÍA CASTAÑO, Ignacio	(21) EP17808939.7	C22C 32/00
EGUIDAZU ALDALUR, Ander	(47) 26.08.2020	(11) EP2948261
MARCO SERRANO, César	(87) EP2017081615	(21) EP14707335.7
LÓPEZ LUCAS, Raúl	21.06.2018	(47) 26.08.2020
(31) 13382188	(22) 06.12.2017	(87) EP2014051324
(32) 21.05.2013	(54) METHOD AND DEVICE FOR	31.07.2014
(33) European Patent Office (EPO)	REGULATING A STRAND CASTING	(22) 23.01.2014
(51) B22D 11/053	SYSTEM	(54) METHOD FOR PRODUCING SPRAY
B22D 11/16	(73) Primetals Technologies Austria GmbH	POWDERS CONTAINING CHROMIUM
(11) EP2982459	(72) WIESER, Philipp	NITRIDE, SPRAY POWDERS
(21) EP15176829.8	DOLLHÄUBL, Paul Felix	CONTAINING CHROMIUM NITRIDE,
(47) 26.08.2020	WATZINGER, Josef	METHOD OF THERMAL SPRAYING
(22) 15.07.2015	(31) 511332016	A COMPONENT USING SAID SPRAY
(54) OSCILLATION DRIVE FOR A MOULD	(32) 13.12.2016	POWDERS, AND USE OF SAID
(73) INTECO TBR casting technologies	(33) Austria	SPRAY POWDERS FOR COATING A
GmbH	(51) B22D 19/14	COMPONENT
(72) Rumpler, Heinz	B22D 31/00	(73) Höganäs Germany GmbH
Riegelnegg, Helmut	G21F 1/08	(72) GRIES, Benno
Michelic, Sebastian	G21F 5/005	BRUENING, Bernhard
(31) 6162014	G21F 9/36	(31) 102013201104
(32) 04.08.2014	(11) EP2859970	201361756475 P
(33) Austria	(21) EP13793652.2	(32) 24.01.2013

25.01.2013	(22) 13.11.2018	(72) DOUCHE, Jean-Pierre
(33) Germany	(54) LATHE FIXTURE FOR CLAMPING	(31) 1652198
United States of America	AUTOMOBILE HUB	1652199
(51) B22F 3/105	(73) Citic Dicastal Co., Ltd.	(32) 15.03.2016
B33Y 30/00	(72) LIU, Xiao	15.03.2016
B29C 64/153	Guo, Jiandong	(33) France
B29C 64/209	(31) 201711235363	France
B29C 64/371	(32) 30.11.2017	(51) B23K 1/00
(11) EP3241669	(33) China	C03C 27/08
(21) EP16823142.1	(51) B23B 41/00	E06B 3/663
(47) 26.08.2020	B23Q 3/06	E06B 3/673
(87) JP2016058203	(11) EP3492219	(11) EP2504289
21.09.2017	(21) EP18206658.9	(21) EP10832611.7
(22) 15.03.2016	(47) 26.08.2020	(47) 26.08.2020
(54) NOZZLE FOR OPTICAL PROCESSING	(22) 16.11.2018	(87) CN2010078326
AND OPTICAL PROCESSING DEVICE	(54) STATIONARY FIXTURE FOR	03.06.2011
(73) Technology Research Association for	MACHINING OF ALUMINUM ALLOY	(22) 02.11.2010
Future Additive Manufacturing	WHEEL	(54) COMPOUND SEALING METHOD FOR
(72) OBARA Go	(73) Citic Dicastal Co., Ltd.	GLASS PLATES
OHNO Hiroshi	(72) LIU, Xiao	(73) Luoyang Landglass Technology Co., Ltd.
(51) B22F 9/08	GUO, Jiandong	(72) LI, Yanbing
B23K 3/06	(31) 201711235386	(31) 200910250137
H05K 3/10	(32) 30.11.2017	(32) 27.11.2009
(11) EP2373451	(33) China	(33) China
(21) EP09760136.3	(51) B23B 51/04	(51) B23K 1/005
(47) 26.08.2020	(11) EP3231544	B23K 26/073
(87) EP2009065372	(21) EP17166719.9	B23K 35/22
10.06.2010	(47) 26.08.2020	B29C 65/14
(22) 18.11.2009	(22) 14.04.2017	B29C 65/16
(54) FLUID CHAMBER BODY AND DEVICE	(54) EJECTOR DEEP DRILLING TOOL	B29C 65/48
FOR EJECTING DROPLETS OF A	(73) WFL Millturn Technologies GmbH & Co.	C03C 27/04
FLUID HAVING A HIGH TEMPERATURE	KG	C03C 27/06
(73) Canon Production Printing Netherlands	(72) Koll, Reinhard	H01L 51/52
B.V.	(31) 16165669	B23K 26/062
(72) RASA, Mircea V.	(32) 15.04.2016	B23K 26/082
BERKHOUT, Ronald	(33) European Patent Office (EPO)	B23K 26/20
CLASSENS, Wilhelmus P.J.	(51) B23C 3/12	(11) EP3475240
VAN GENUCHTEN, Henricus C.M.	B23C 5/00	(21) EP17757869.7
KUZNETSOV, Evgenij V.	B27D 5/00	(47) 26.08.2020
(31) 1036267	B27G 13/08	(87) IB2017053808
(32) 02.12.2008	B27G 13/12	28.12.2017
(33) Netherlands	(11) EP3151992	(22) 26.06.2017
(51) B23B 27/14	(21) EP15739503.9	(54) LASER-ASSISTED HERMETIC
C04B 35/5831	(47) 26.08.2020	ENCAPSULATION PROCESS AND
C22C 29/16	(87) DE2015000263	PRODUCT THEREOF
(11) EP2913317	10.12.2015	(73) Efacec Engenharia E Sistemas, S.A.
(21) EP13848302.9	(22) 02.06.2015	(72) MAGALHÃES MENDES, Adélio Miguel
(47) 26.08.2020	(54) MILLING TOOL	MAGALHÃES MENDES, Joaquim
(87) JP2013077574	(73) Leitz GmbH & Co. KG	Gabriel
01.05.2014	(72) KISSELBACH, Andreas	MADUREIRA ANDRADE, Luísa Manuela
(22) 10.10.2013	GRAEF, Jürgen	EMAMI, Seyedali
(54) CUBIC BORON NITRIDE SINTERED	EHRENSPERGER, Heiko	SANTOS MARTINS, Jorge Filipe
BODY, AND METHOD FOR	(31) 102014008033	DOS SANTOS PINTO, Jorge Miguel
PRODUCING SAME	(32) 03.06.2014	(31) 2016109489
(73) Sumitomo Electric Hardmetal Corp.	(33) Germany	2017109826
(72) SORAI, Yoshiaki	(51) B23D 57/00	(32) 25.06.2016
OKAMURA, Katsumi	B23D 61/18	02.01.2017
FUKAYA, Tomohiro	(11) EP3429791	(33) Portugal
(31) 2012237019	(21) EP17714866.5	Portugal
(32) 26.10.2012	(47) 26.08.2020	(51) B23K 1/20
(33) Japan	(87) FR2017050593	B23K 35/02
(51) B23B 31/16	21.09.2017	B23K 35/26
B23B 31/175	(22) 15.03.2017	H05K 3/24
B23B 31/19	(54) METHOD FOR CUTTING A	H05K 3/34
B23Q 3/06	MATRIX, A PANEL, OR A SLAB	(11) EP3067142
(11) EP3492203	OF MINERAL WOOL OR A POROUS	(21) EP15158881.1
(21) EP18206069.9	CONSTRUCTION MATERIAL	(47) 26.08.2020
(47) 26.08.2020	(73) SAINT-GOBAIN PLACO	(22) 12.03.2015

(54) SOLDERED COMPONENTS FOR DOWNHOLE USE	ONO, Toshihide TANAKA, Katsuki	(51) B23K 35/02 B23K 35/28 B32B 15/01 B32B 15/20 C22C 21/00 C22C 21/02 C22C 21/10 C22F 1/04 C22F 1/047 C22F 1/053 F28D 1/03 F28F 19/06 F28F 21/08
(73) Schlumberger Holdings Limited	(31) 2015246810	(11) EP3321385
(72) Patel, Chandradip Pravinbhai Kostinovsky, Mark Alex Dupouy, Francis Schilling, Glen Dell Iafrate, Gilles McCluskey, F. Patrick	(32) 18.12.2015 (33) Japan <hr/> (51) B23K 20/10 B23K 101/38 H01R 4/18 H01R 4/62 H01R 43/02 H01R 43/048 (11) EP3050163 (21) EP14771901.7 (47) 26.08.2020 (87) EP2014070256 02.04.2015 (22) 23.09.2014 (54) METHOD FOR ESTABLISHING AN ELECTRICALLY CONDUCTIVE CONNECTION BETWEEN AN ELECTRICAL LINE AND AN ELECTRICALLY CONDUCTIVE COMPONENT	(21) EP16821488.0 (47) 26.08.2020 (87) JP2016070278 12.01.2017 (22) 08.07.2016 (54) ALUMINUM ALLOY CLADDING MATERIAL AND MANUFACTURING METHOD THEREFOR (73) Denso Corporation UACJ Corporation (72) ASANO, Taichi HARADA, Masaki TESHIMA, Shoei ANDO, Makoto YAMASHITA, Naoki
(51) B23K 9/067 B23K 9/073 B23K 9/10 B23K 9/12	(31) 2015192934 2015212932 2015212940 (32) 30.09.2015 29.10.2015 29.10.2015 (33) Japan Japan Japan	(22) 30.09.2016 (54) ARC WELDING DEVICE AND ARC WELDING METHOD (73) Daihen Corporation (72) IDE Akihiro (31) 2015192934 2015212932 2015212940 (32) 30.09.2015 29.10.2015 29.10.2015 (33) Japan Japan Japan
(11) EP3357624 (21) EP16851852.0 (47) 26.08.2020 (87) JP2016079032 06.04.2017 (22) 30.09.2016 (54) ARC WELDING DEVICE AND ARC WELDING METHOD	(73) ElringKlinger AG (72) KERN, Stephanie (31) 102013219150 (32) 24.09.2013 (33) Germany <hr/> (51) B23K 26/067 B23K 26/00 B23K 26/40 (11) EP3046718 (21) EP14766162.3 (47) 26.08.2020 (87) EP2014069505 19.03.2015 (22) 12.09.2014 (54) METHOD AND DEVICE FOR LASER WORKING (73) HOMAG GmbH (72) COMPERA, Christian FLIK, Markus (31) 102013218483 (32) 16.09.2013 (33) Germany <hr/> (51) B23K 31/00 B23K 103/04 C22C 38/00 C22C 38/04 B23K 26/20 B23K 26/323 (11) EP2628563 (21) EP11832532.3 (47) 26.08.2020 (87) JP2011073360 19.04.2012 (22) 12.10.2011 (54) LASER WELDING METHOD (73) Nippon Steel Corporation (72) FURUSAKO, Seiji MIYAZAKI, Yasunobu NAITO, Yasuaki (31) 2011182927 2010229574 (32) 24.08.2011 12.10.2010 (33) Japan Japan	(11) EP3321385 (21) EP16821488.0 (47) 26.08.2020 (87) JP2016070278 12.01.2017 (22) 08.07.2016 (54) ALUMINUM ALLOY CLADDING MATERIAL AND MANUFACTURING METHOD THEREFOR (73) Denso Corporation UACJ Corporation (72) ASANO, Taichi HARADA, Masaki TESHIMA, Shoei ANDO, Makoto YAMASHITA, Naoki (31) 2015137332 2016132728 (32) 08.07.2015 04.07.2016 (33) Japan Japan <hr/> (51) B23K 35/30 B23K 35/368 (11) EP3189930 (21) EP15838210.1 (47) 26.08.2020 (87) JP2015074933 10.03.2016 (22) 02.09.2015 (54) FLUX CORED WIRE FOR GAS-SHIELDED ARC WELDING (73) Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) (72) HAN Peng KAWASAKI Hiroyuki KITAGAWA Yoshihiko NAKO Hidenori KOCHI Takuya URUSHIHARA Wataru OKAZAKI Yoshitomi (31) 2014178915 (32) 03.09.2014 (33) Japan <hr/> (51) B23P 19/04 F16J 15/328 (11) EP3526497 (21) EP17791300.1 (47) 26.08.2020 (87) EP2017075889 19.04.2018 (22) 11.10.2017 (54) METHOD FOR PREPARING EXTRUDED MATERIAL FOR
(51) B23K 9/167 B23K 9/23 B23K 31/00 B23K 35/30 C22C 38/02 C22C 38/04 C22C 38/06 C22C 38/22 C22C 38/24 C22C 38/26 C22C 38/30 C22C 38/32 C22C 38/42 C22C 38/44 C22C 38/46 C22C 38/48 C22C 38/50 C22C 38/52 C22C 38/54 (11) EP3391989 (21) EP16875789.6 (47) 26.08.2020 (87) JP2016087585 22.06.2017 (22) 16.12.2016 (54) WELDING MATERIAL FOR FERRITE HEAT-RESISTANT STEEL, WELDING JOINT FOR FERRITE HEAT-RESISTANT STEEL, AND METHOD FOR PRODUCING WELDING JOINT FOR FERRITE HEAT-RESISTANT STEEL	(73) Nippon Steel Corporation (72) HIRATA, Hiroyuki JOTOKU, Kana HAMAGUCHI, Tomoaki	(31) 2014178915 (32) 03.09.2014 (33) Japan <hr/> (51) B23P 19/04 F16J 15/328 (11) EP3526497 (21) EP17791300.1 (47) 26.08.2020 (87) EP2017075889 19.04.2018 (22) 11.10.2017 (54) METHOD FOR PREPARING EXTRUDED MATERIAL FOR

PROCESSING TO FORM SEALINGS AND EXTRUDED MATERIAL	(31) 201310683975 (32) 13.12.2013 (33) China	(33) Taiwan, Province of China (51) B25C 5/02 B27F 7/19 B27F 7/21
(73) BMW AG CQLT SaarGummi Technologies S.à.r.l. AyTec Automation GmbH	(51) B25B 11/00 G01M 3/32 G01M 17/013	(11) EP3184270 (21) EP16002723.1 (47) 26.08.2020 (22) 22.12.2016
(72) KAST, Christian HINZ, Andreas RUHLAND, Christian	(11) EP3438633 (21) EP18186337.4 (47) 26.08.2020 (22) 30.07.2018	(54) STAPLER, POST-PROCESSING APPARATUS AND IMAGE FORMING SYSTEM
(31) 102016119520 (32) 13.10.2016 (33) Germany	(54) ALUMINUM ALLOY HUB POSITIONING FIXTURE	(73) Max Co., Ltd. (72) Shimizu, Toshio Kameda, Futoshi Sugihara, Shinpei
(51) B23Q 3/06 B25B 5/08 (11) EP3520965 (21) EP19150211.1 (47) 26.08.2020 (22) 03.01.2019	(73) Citic Dicastal Co., Ltd. (72) Lv, Jinqi Li, Zhipeng Sun, Hanbao Wang, Zhuxing Jin, Hongfu Zhu, Yingwei Jiang, Ling Zhu, Zhihua	(31) 2015249544 2016213883 (32) 22.12.2015 31.10.2016 (33) Japan Japan
(54) EXPANDING MANDREL ASSEMBLY WITH PULLDOWN EFFECT	(31) 201710635542 (32) 31.07.2017 (33) China	(51) B25F 5/00 (11) EP3296064 (21) EP17189943.8 (47) 26.08.2020 (22) 07.09.2017
(73) Kipp Verpachtungen e.K. (72) HAUG, André (31) 102018200267 (32) 10.01.2018 (33) Germany	(51) B24B 23/02 B25F 5/00 H02K 5/18 (11) EP3287240 (21) EP16782939.9 (47) 26.08.2020 (87) JP2016059688 27.10.2016 (22) 25.03.2016	(54) DEPTH AND ANGLE SENSOR ATTACHMENT FOR A POWER TOOL
(54) ELECTRIC TOOL	(11) EP2953766 (21) EP13878439.2 (47) 26.08.2020 (87) CA2013000237 18.09.2014 (22) 14.03.2013	(73) Milwaukee Electric Tool Corporation (72) MUECKL, Gareth HOSSAINY, Tauhira MIKAT-STEVENSON, Leo BLAIR, Logan MCDERMOTT, Jake NORD, Jonathan R. SHURTLEFF, Jared KUNDINGER, Joshua VON HELMS, John JR. DOBERNIG, Nicholas POST, Mathew
(73) Koki Holdings Co., Ltd. (72) TAKEDA, Yuuki SAKAI, Hironori	(54) HAMMER UNION WRENCH (73) Huwe Inc. (72) DUMAINE, Marc MATTHEWSON, Larry	(31) 201662384374 P (32) 07.09.2016 (33) United States of America
(31) 2015089886 (32) 24.04.2015 (33) Japan	(31) 201313801606 (32) 13.03.2013 (33) United States of America	(31) 201662384374 P (32) 07.09.2016 (33) United States of America
(51) B25B 1/16 B25B 1/24 (11) EP3243602 (21) EP17275047.3 (47) 26.08.2020 (22) 11.04.2017	(51) B25B 27/00 B29C 63/00 (11) EP3109005 (21) EP16170027.3 (47) 26.08.2020 (22) 17.05.2016	(51) B25F 5/00 H01M 10/44 H01M 10/48 H02J 7/00 (11) EP3151329 (21) EP15799537.4 (47) 26.08.2020 (87) JP2015064760 03.12.2015 (22) 22.05.2015
(54) IMPROVEMENTS TO CLAMPING APPARATUS	(54) DEVICE FOR APPLYING AN ADHESIVE ELEMENT TO A METAL SURFACE	(54) ELECTRIC TOOL AND BATTERY PACK
(73) Power Box AG (72) Cochrane, Michael (31) 201606276 (32) 12.04.2016 (33) United Kingdom	(73) ADHEX TECHNOLOGIES (72) DURAND, Hervé RAPENNE, Emmanuel (31) 1555655 (32) 19.06.2015 (33) France	(73) Koki Holdings Co., Ltd. (72) KAWANO, Yoshikazu TAKANO, Nobuhiro KOIZUMI, Toshiaki FUNABASHI, Kazuhiko YOSHIDA, Kenichirou ARADACHI, Takao
(51) B25B 5/06 B61K 9/12 G01M 17/10 G01N 27/72 (11) EP3080576 (21) EP14824279.5 (47) 26.08.2020 (87) US2014069982 18.06.2015 (22) 12.12.2014	(31) 1555655 (32) 19.06.2015 (33) France (51) B25C 1/00 B25C 1/04 (11) EP3539722 (21) EP19151864.6 (47) 26.08.2020 (22) 15.01.2019	(31) 2014113537 2014157165 (32) 30.05.2014 31.07.2014 (33) Japan Japan
(54) DEVICES AND METHODS FOR INSPECTING A WHEEL	(54) NAIL GUN (73) Basso Industry Corp. (72) HUNG, Liang-Chi CHANG, Li-Hsin (31) 10701664 (32) 17.01.2018	(51) B25J 9/00
(73) General Electric Company (72) YU, xun LI, Ran		

(11) EP3095563	(21) EP18175983.8	C04B 35/488
(21) EP16167877.6	(47) 26.08.2020	C04B 35/64
(47) 26.08.2020	(22) 05.06.2018	(11) EP3254812
(22) 02.05.2016	(54) AUTOMATIC YARN THREADING	(21) EP16800047.9
(54) DEVICE FOR THE MOVEMENT AND	DEVICE, YARN PROCESSING	(47) 26.08.2020
POSITIONING OF AN OBJECT IN	SYSTEM, AND YARN THREADING	(87) JP2016065424
SPACE	METHOD	01.12.2016
(73) Euromatic S.r.l.	(73) TMT Machinery, Inc.	(22) 25.05.2016
(72) GUSMINI, Giorgio	(72) Kato, Noriko	(54) CERAMIC KNIFE
GABRIELLI, Andrea	Yamamoto, Kyohei	(73) Kyocera Corporation
(31) MI20150674	Konno, Taisuke	(72) NISHIHARA, Takanori
(32) 14.05.2015	Yanagisawa, Makoto	(31) 2015105088
(33) Italy	(31) 2017118040	(32) 25.05.2015
(51) B25J 9/00	(32) 15.06.2017	(33) Japan
B25J 9/16	(33) Japan	(51) B26B 19/12
B25J 13/08	(51) B25J 13/02	B26B 19/28
B25J 15/00	B25J 13/08	H02K 33/14
B25J 17/02	(11) EP3475035	H02K 33/16
B25J 19/02	(21) EP17732396.1	(11) EP3419151
(11) EP3458236	(47) 26.08.2020	(21) EP16838227.3
(21) EP16736641.8	(87) EP2017065126	(47) 26.08.2020
(47) 26.08.2020	28.12.2017	(87) CN2016074161
(87) TR2016050145	(22) 20.06.2017	02.03.2017
23.11.2017	(54) HAND-HELD ROBOT OPERATING	(22) 19.02.2016
(22) 16.05.2016	DEVICE COMBINATION COMPRISING	(54) OSCILLATING MOTOR AND ELECTRIC
(54) ARTIFICIAL HAND HAVING FINGER	A BASIC-CONTROL POSITION	CLIPPERS
UNITS PROVIDED WITH A PHOTO	SENSOR	(73) Hu, Jiankun
COUPLER CONTACT FORCE SENSOR	(73) KUKA Deutschland GmbH	(72) HU, Jianchang
(73) KOC Universitesi	(72) KOGAN, Yevgen	HU, Feiran
(72) LAZOGLU, Ismail	(31) 102016211244	HU, Feifan
SHAMS, Sarmad	(32) 23.06.2016	(51) B26D 3/08
(51) B25J 9/16	(33) Germany	B26D 7/01
G05B 19/29	(51) B25J 15/00	B26D 7/18
(11) EP3085500	B25J 15/02	B26F 1/38
(21) EP15165052.0	(11) EP3481604	B26F 1/40
(47) 26.08.2020	(21) EP17737531.8	B26F 1/44
(22) 24.04.2015	(47) 26.08.2020	G06K 19/077
(54) CONTROL METHOD OF ELECTRIC	(87) EP2017066555	(11) EP3030388
GRIPPER SYSTEM	11.01.2018	(21) EP14741235.7
(73) Hiwin Technologies Corp.	(22) 04.07.2017	(47) 26.08.2020
(72) Chen, Wei-Shao	(54) HAND INTENDED TO EQUIP A	(87) EP2014064615
HUANG, Kai-Hsiang	HUMANOID ROBOT	12.02.2015
Tseng, I-Hsiang	(73) Centre National de la Recherche	(22) 08.07.2014
(51) B25J 9/16	Scientifique	(54) TRANSFER/PUNCHING PROCESS
G05B 19/409	Softbank Robotics Europe	(73) BW Papersystems Stuttgart GmbH
G05G 9/047	(72) CERRUTI, Giulio	(72) BOHN, Martin
(11) EP2709802	CHABLAT, Damien	(31) 102013215706
(21) EP12724452.3	CLERC, Vincent	(32) 08.08.2013
(47) 26.08.2020	GOUAILLIER, David	(33) Germany
(87) US2012037751	(31) 1656434	(51) B27B 9/02
29.11.2012	(32) 05.07.2016	(11) EP2974839
(22) 14.05.2012	(33) France	(21) EP15175617.8
(54) HAPTIC DEVICE FOR MANIPULATOR	(51) B26B 5/00	(47) 26.08.2020
AND VEHICLE CONTROL	(11) EP2752276	(22) 07.07.2015
(73) Harris Corporation	(21) EP13198200.1	(54) MANUAL CUTTING MACHINE WITH
(72) SUMMER, Matthew, D.	(47) 26.08.2020	TWO MITRE BEARINGS
BOSSCHER, Paul, M.	(22) 18.12.2013	(73) Festool GmbH
WILKINSON, Loran, J.	(54) Cutting tool with exchangeable blade and	(72) Fleischmann, Bernd
BOWMAN, William, S.	method for replacing an exchangeable	Scherraus, Björn
RUST, John, B.	blade	(31) 102014010487
(31) 201113112366	(73) MARTOR KG	(32) 15.07.2014
(32) 20.05.2011	(72) Segler, Florian	(33) Germany
(33) United States of America	Rohrbach, Martin	(51) B27K 3/52
(51) B25J 11/00	(31) 102013200061	C09K 21/04
B65H 54/26	(32) 04.01.2013	C09K 21/12
B65H 54/88	(33) Germany	(11) EP3155068
B65H 57/00	(51) B26B 9/00	(21) EP15734730.3
(11) EP3415452	C04B 35/48	(47) 26.08.2020

(87) IB2015054450 17.12.2015	(33) Germany	(54) METHOD AND DEVICE FOR THE PRODUCTION OF AN OPTIMIZED NECK CONTOUR ON PREFORMS
(22) 12.06.2015	(51) B28D 7/02	
(54) METHOD USING LIQUID FLAME RETARDANT COMPOSITION AS WELL AS CELLULOSIC MATERIAL TREATED WITH SAID COMPOSITION	(11) EP2922673	(73) Aktas, Mahir
(73) CSIR	(21) EP13794872.5	(72) Aktas, Mahir
(72) CHAPPLE, Stephen, Anthony	(47) 26.08.2020	(31) 102014014144
(31) 201404384	(87) EP2013074131	(32) 22.09.2014
(32) 13.06.2014	30.05.2014	(33) Germany
(33) South Africa	(22) 19.11.2013	
(51) B28B 1/00	(54) TOOL APPARATUS HAVING A SPRAYING DEVICE FOR BINDING DUST	(51) B29B 11/16
B28B 13/02	(73) Hilti Aktiengesellschaft	B29C 70/20
B29C 67/24	(72) OHLENDORF, Oliver	B65G 47/244
B44C 3/10	(31) 102012221275	(11) EP3390017
B44C 5/04	(32) 21.11.2012	(21) EP16809091.8
B44F 9/04	(33) Germany	(47) 26.08.2020
C04B 26/18	(51) B29B 7/48	(87) EP2016080864
(11) EP3297969	C08K 7/22	22.06.2017
(21) EP16731316.2	C09J 7/10	(22) 14.12.2016
(47) 26.08.2020	C09J 7/38	(54) METHOD AND DEVICE FOR CONNECTING FIBRE-REINFORCED WEB BODIES
(87) IB2016000692	(11) EP3075772	(73) Covestro Deutschland AG
01.12.2016	(21) EP15162318.8	(72) KNAUPP, Matthias
(22) 23.05.2016	(47) 26.08.2020	GRIMM, Thomas
(54) ARTIFICIAL STONE SLAB COMPRISING VEINS AND METHOD OF MANUFACTURING SAME	(22) 02.04.2015	BÖRGER, Henning
(73) SILICALIA, SL	(54) REMOVABLE ADHESIVE TAPE	(31) 15200643
(72) SANCHIS BRINES, Francisco	(73) tesa SE	(32) 17.12.2015
ORTOLÀ MASCARELL, Alberto	(72) Burmeister, Axel	(33) European Patent Office (EPO)
GELPI FERREIRA, Angel	Petersen, Anika	(51) B29B 15/12
(31) 15380018	Blazejewski, Anna	B29K 27/00
(32) 22.05.2015	Lohmann, Franciska	B29K 27/18
(33) European Patent Office (EPO)	(51) B29B 7/48	B29K 31/00
(51) B28B 3/00	F04C 2/08	B29K 33/00
C04B 2/02	F04C 2/16	B29K 67/00
(11) EP3129201	B29C 48/05	B29K 71/00
(21) EP15777480.3	B29C 48/25	B29K 77/00
(47) 26.08.2020	B29C 48/365	B29K 79/00
(87) IL2015050369	B29C 48/375	B29K 81/00
15.10.2015	B29C 48/40	B29K 101/12
(22) 02.04.2015	(11) EP2864104	(11) EP3418018
(54) PROCESS FOR THE PREPARATION OF MASONRY COMPOSITE MATERIALS	(21) EP13771042.2	(21) EP18178996.7
(73) University Of Malta	(47) 26.08.2020	(47) 26.08.2020
(72) BUHAGIAR, Spiridione	(87) DE2013000327	(22) 21.06.2018
MONTESIN, Perit Franco E	03.01.2014	(54) METHOD FOR PRODUCING A FIBROUS MATERIAL IMPREGNATED WITH THERMOPLASTIC POLYMER
(31) 201406481	(22) 24.06.2013	(73) ARKEMA FRANCE
(32) 10.04.2014	(54) METHOD FOR PRODUCING POLYMER PELLETS, EXTRUDED PROFILES OR MOULDINGS	(72) HOCHSTETTER, Gilles
(33) United Kingdom	(73) Henke Property UG (Haftungsbeschränkt)	CAPELOT, Mathieu
(51) B28D 7/02	(72) HENKE, Matthias	SAVART, Thibaut
(11) EP2922674	(31) 102012012444	BABEAU, Arthur Pierre
(21) EP13794876.6	(32) 25.06.2012	HUZE, Denis
(47) 26.08.2020	(33) Germany	TANGUY, François
(87) EP2013074148	(51) B29B 11/08	GAILLARD, Patrice
30.05.2014	B29B 11/14	(31) 1755705
(22) 19.11.2013	B29C 45/00	(32) 22.06.2017
(54) TOOL DEVICE WITH A SPRAY ARRANGEMENT FOR BINDING DUST	B29C 45/72	(33) France
(73) Hilti Aktiengesellschaft	B29C 49/06	(51) B29C 31/04
(72) GREITMANN, Ralf	B29C 49/42	B29C 44/44
OHLENDORF, Oliver	B29C 49/64	(11) EP3392013
MEIXNER, Ralf	(11) EP3197655	(21) EP17167454.2
SPECHT, Helmut	(21) EP15812937.9	(47) 26.08.2020
(31) 102012221273	(47) 26.08.2020	(22) 21.04.2017
(32) 21.11.2012	(87) DE2015000472	(54) INJECTOR, FRONT PART FOR AN INJECTOR, METHOD AND PRODUCTION LINE FOR MANUFACTURING MOULDED PLASTIC PARTS
	31.03.2016	(73) Peter Kröner GmbH
	(22) 21.09.2015	

(72) Kröner, Andreas	(21) EP17873457.0	B32B 27/30
(51) B29C 33/00	(47) 26.08.2020	B32B 27/32
B29C 45/14	(87) JP2017037215	B32B 27/42
B29C 45/32	31.05.2018	B32B 37/10
B29C 67/24	(22) 13.10.2017	B32B 38/10
B29L 31/26	(54) BLADDER BAG AND MOLDING	B32B 7/02
H01M 8/0286	METHOD OF COMPOSITE MATERIAL	(11) EP3398767
(11) EP2979838	(73) Mitsubishi Heavy Industries, Ltd.	(21) EP16881619.7
(21) EP14774857.8	(72) TAKAGI, Kiyoka	(47) 26.08.2020
(47) 26.08.2020	ISHIDA, Jun	(87) JP2016086886
(87) JP2014057653	KAMO, Sota	06.07.2017
02.10.2014	YOSHINO, Katsuya	(22) 12.12.2016
(22) 20.03.2014	ABE, Toshio	(54) SANDWICH STRUCTURE, MOLDED
(54) LIQUID ELASTOMER MOLDING	HASEGAWA, Koichi	OBJECT, AND PRODUCTION
METHOD	SUGIYAMA, Yoshihiro	PROCESSES THEREFOR
(73) NOK Corporation	ISHIDA, Takashi	(73) Toray Industries, Inc.
(72) KOGA, Shotaro	(31) 2016226999	(72) SASAKI Hideaki
(31) 2013072084	(32) 22.11.2016	NUDESHIMA Hideki
(32) 29.03.2013	(33) Japan	ONISHI Takayuki
(33) Japan	(51) B29C 41/14	(31) 2015256514
(51) B29C 33/02	C08J 3/26	(32) 28.12.2015
B29C 44/34	C08J 5/02	(33) Japan
B29C 44/44	A61B 42/10	(51) B29C 43/22
B29C 44/58	(11) EP3423515	F16L 11/06
(11) EP3362245	(21) EP17717060.2	B29C 48/09
(21) EP16781283.3	(47) 26.08.2020	(11) EP3546811
(47) 26.08.2020	(87) AT2017060053	(21) EP19164849.2
(87) EP2016001602	08.09.2017	(47) 26.08.2020
20.04.2017	(22) 02.03.2017	(22) 25.03.2019
(22) 27.09.2016	(54) METHOD FOR PRODUCING A	(54) TUBE AND METHOD FOR
(54) DEVICE AND PROCESS FOR	PROPHYLACTIC ARTICLE	MANUFACTURING SAME
PRODUCING MOULDINGS	(73) Semperit Aktiengesellschaft Holding	(73) Gunze Limited
COMPOSED OF A MOULDABLE FOAM	(72) HOLZNER, Armin	(72) KOBAYASHI, Daiki
(73) Krallmann Kunststoffverarbeitung GmbH	KERN, Wolfgang	OSHIMA, Hiroshi
(72) BREXELER, Ingo	MANHART, Jakob Cornelius	SEKIYA, Kazutaka
(31) 102015013131	SAHIN, Melahat	(31) 2018067430
(32) 13.10.2015	SCHALLER, Raimund	(32) 30.03.2018
(33) Germany	SCHLÖGL, Sandra	(33) Japan
(51) B29C 33/12	(31) 501762016	(51) B29C 43/24
B29C 43/36	(32) 04.03.2016	B29C 48/08
B29C 45/14	(33) Austria	B29C 48/30
B29C 70/02	(51) B29C 41/20	B29C 48/31
B29C 70/30	B29C 45/14	B29C 48/35
B29C 70/68	B29C 59/02	B29C 48/92
B29C 70/72	(11) EP3162534	(11) EP3007876
B29C 70/74	(21) EP15192130.1	(21) EP14728989.6
B29C 70/76	(47) 26.08.2020	(47) 26.08.2020
B29C 70/86	(22) 29.10.2015	(87) EP2014061998
F16B 35/00	(54) METHOD FOR PRODUCING A	18.12.2014
F16B 39/24	PLASTIC SURFACE WITH AN	(22) 10.06.2014
(11) EP2574450	INTEGRATED DECORATION	(54) DIE FOR MANUFACTURING A FILM BY
(21) EP12199107.9	(73) SMP Deutschland GmbH	EXTRUSION
(47) 26.08.2020	(72) Vidal, Antonio	(73) Blue Solutions
(22) 01.07.2011	Macias, Alberto Manchón	(72) LE GAL, Guy
(54) Process, mould, devices and kit for	(51) B29C 43/02	(31) 1355322
manufacturing products made of	B29C 43/18	(32) 10.06.2013
composite materials, as well as products	B29C 43/20	(33) France
manufactured with this process and/or	B29C 70/06	(51) B29C 43/50
with these means	B32B 5/14	B29C 45/14
(73) Automobili Lamborghini S.P.A.	B32B 5/28	B29C 65/70
(72) Pasini, Nicolò	B32B 15/085	F01M 13/04
(31) MI20101220	B32B 15/092	(11) EP3098404
(32) 02.07.2010	B32B 15/14	(21) EP15736906.7
(33) Italy	B32B 15/18	(47) 26.08.2020
(51) B29C 33/50	B32B 15/20	(87) JP2015051282
B29C 70/34	B32B 27/12	23.07.2015
B29K 105/08	B32B 27/20	(22) 19.01.2015
(11) EP3482902	B32B 27/28	



(54) BLOW-BY HEATER, A RESIN MOLDED ARTICLE WITH A METAL INSERT AND A METHOD OF MOLDING SUCH A RESIN MOLDED ARTICLE WITH A METAL INSERT	(73) Kuang Hong Precision Co., Ltd. (72) CHIANG, Cheng-Feng CHIANG, Jung-Chuan CHIANG, Wen-Te CHIANG, Chien-Ying CHIANG, Chien-Yi	B29C 49/42 B29C 49/48 B29C 51/12 B29C 51/26 B29K 23/00 B29L 31/00
(73) Nifco Inc.		(11) EP3089857
(72) OKAZAKI, Tsuyoshi NAKAYA, Hiroyuki		(21) EP14833522.7
(31) 2014008111	(31) 201410341613	(47) 26.08.2020
(32) 20.01.2014	(32) 17.07.2014	(87) FR2014053559
(33) Japan	(33) China	02.07.2015
(51) B29C 45/14	(51) B29C 45/17	(22) 26.12.2014
B29C 45/16	B29C 45/66	(54) METHOD FOR FORMING A WELDING SPOUT ON A PARISON DURING THE BLOWING OF A TANK
(11) EP3362246	B29C 45/72	(73) Plastic Omnium Advanced Innovation and Research
(21) EP16790280.8	B29C 45/83	(72) COING, Jean-François
(47) 26.08.2020	B29C 45/84	JOUIE, Sébastien
(87) EP2016074490	F16C 19/38	GUEZENNEC, Yvonnig
20.04.2017	F16C 19/54	COULON, Philippe
(22) 12.10.2016	F16C 37/00	GEORGE, André
(54) PROCESS FOR CONNECTING TWO COMPONENTS OF DIFFERENT MATERIALS	(11) EP3526481	FRANKO, Jozef
(73) TESA SE	(21) EP17783867.9	(31) 1363620
(72) FUSSELIER, Arnaud	(47) 26.08.2020	(32) 27.12.2013
BALBO-BLOCK, Marco	(87) EP2017076248	(33) France
(31) 102015219798	19.04.2018	(51) B29C 49/04
(32) 13.10.2015	(22) 13.10.2017	B29C 49/72
(33) Germany	(54) MOULD CLOSING UNIT WITH HEAT MANAGEMENT	B29L 31/00
(51) B29C 45/14	(73) Arburg GmbH + Co KG	(11) EP3501791
B29C 45/16	(72) BLETSCHER, Rainer	(21) EP18211680.6
B29L 31/34	KRÖTZ, Martin	(47) 26.08.2020
(11) EP3479988	(31) 102016119581	(22) 11.12.2018
(21) EP18204070.9	(32) 13.10.2016	(54) DEGATING SYSTEM
(47) 26.08.2020	(33) Germany	(73) Matissart Nord
(22) 02.11.2018	(51) B29C 45/73	(72) ODE, Pascal
(54) HOUSING AND MANUFACTURING METHOD OF THE SAME	(11) EP3431249	PAPILLON, Julien
(73) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	(21) EP18178409.1	(31) 1762821
ZENG, Yuanqing	(47) 26.08.2020	(32) 21.12.2017
(31) 201711078841	(22) 19.06.2018	(33) France
(32) 06.11.2017	(54) HEATING DEVICE, PERIPHERAL DEVICE AND METHOD FOR CONTROLLING SUCH A PERIPHERAL DEVICE	(51) B29C 49/06
(33) China	(73) Varioplast Konrad Däbritz GmbH	B29C 49/12
(51) B29C 45/14	(72) Däbritz, Michael	B29C 49/60
B29C 45/26	(31) 102017116125	B29C 49/66
(11) EP3168025	(32) 18.07.2017	(11) EP2533965
(21) EP16002080.6	(33) Germany	(21) EP11710408.3
(47) 26.08.2020	(51) B29C 49/00	(47) 26.08.2020
(22) 27.09.2016	C08K 3/16	(87) DE2011000047
(54) INJECTION MOULD FOR PRODUCTION OF COMPOUND SEALED ELEMENTS	C08K 5/13	11.08.2011
(73) CQLT SaarGummi Technologies S.à.r.l.	C08L 23/08	(22) 17.01.2011
(72) Samanci, Suleyman	C08L 77/00	(54) METHOD AND DEVICE FOR BLOW-MOLDING CONTAINERS
(31) 102015119612	C08L 77/02	(73) KHS Corpoplast GmbH
(32) 13.11.2015	(11) EP3412731	(72) GODAU, Günther
(33) Germany	(21) EP17747371.7	LINKE, Michael
(51) B29C 45/14	(47) 26.08.2020	KLATT, Dieter
G01N 27/327	(87) JP2017003302	LITZENBERG, Michael
(11) EP3182108	10.08.2017	BALKAU, Karl-Heinz
(21) EP15822778.5	(22) 31.01.2017	(31) 102010007542
(47) 26.08.2020	(54) POLYAMIDE RESIN COMPOSITION	(32) 08.02.2010
(87) CN2015079760	(73) UBE Industries, Ltd.	(33) Germany
21.01.2016	(72) YASUI Tetsuya	(51) B29C 49/14
(22) 26.05.2015	(31) 2016019682	B29C 49/48
(54) METHOD FOR ARRANGING CONDUCTIVE COMPONENT OF	(32) 04.02.2016	B29C 49/54
	(33) Japan	B29C 49/70
	(51) B29C 49/04	(11) EP3348374
	B29C 49/20	(21) EP18160711.0
	B29C 49/22	(47) 26.08.2020

(22) 03.03.2015	(54) ADDITIVE MANUFACTURING METHOD FOR PRINTING THREE-DIMENSIONAL PARTS WITH PURGE TOWERS	NAUKA, Krzysztof EMAMJOMEH, Ali TAN, Hua
(54) MACHINE COMPONENT FACILITATING MOLD BASE MOVEMENT	(73) Stratasys, Inc.	(51) B29C 70/08
(73) Amcor Rigid Plastics USA, LLC	(72) SWANSON, William, J.	B29C 70/30
(72) Eberle, Theodore F. Maki, Kirk Edward	(72) SCHLOESSER, Ronald, G.	B29C 70/32
(31) 201461947011 P	LARSON, Gary	B29C 70/34
(32) 03.03.2014	(31) 201313790924	B29C 70/36
(33) United States of America	(32) 08.03.2013	B29C 70/38
(51) B29C 55/18	(33) United States of America	B29C 70/54
(11) EP3124206	(51) B29C 65/48	B29C 70/56
(21) EP16001647.3	B65D 21/032	G01M 5/00
(47) 26.08.2020	B65D 71/08	G01N 3/02
(22) 27.07.2016	C09J 123/04	G01N 3/04
(54) WEATHER STRIPS MADE FROM PTFE	(11) EP3448771	G01N 3/08
(73) Bachmair, Josef	(21) EP17722332.8	(11) EP3553492
Seiringer, Josef	(47) 26.08.2020	(21) EP19178452.9
(72) Bachmair, Josef	(87) US2017029893	(47) 26.08.2020
Seiringer, Josef	02.11.2017	(22) 20.10.2017
(31) 5062015	(22) 27.04.2017	(54) METHODS OF MAKING A SPECIMEN WITH A PREDETERMINED WRINKLE DEFECT
(32) 29.07.2015	(54) PALLET WITH STACKED PACKAGES	
(33) Austria	(73) H. B. Fuller Company	
(51) B29C 63/36	(72) HIRUNYACHOKE, Nattavud	(73) Bell Helicopter Textron Inc.
B32B 1/08	TABTHONG, Monthon	(72) BURNETT, Michael
B32B 5/02	SEMMA, Thanongdet	LEE, Wei-Yeuh
F16L 55/165	(31) 201662328808 P	DEARMAN, Michael
F16L 55/18	(32) 28.04.2016	(31) 201715464822
(11) EP3296608	(33) United States of America	(32) 21.03.2017
(21) EP17193083.7	(51) B29C 65/64	(33) United States of America
(47) 26.08.2020	F16C 3/02	
(22) 05.06.2014	(11) EP3473874	(51) B29C 70/08
(54) PRESSURE INFUSION LINING SYSTEM	(21) EP17275169.5	B29C 70/30
(73) Warren Environmental & Coating, LLC	(47) 26.08.2020	B29C 70/32
(72) Warren, Daniel	(22) 20.10.2017	B29C 70/34
(31) 201361832433 P	(54) SPLINED END FITTINGS	B29C 70/38
(32) 07.06.2013	(73) Crompton Technology Group Limited	B29C 70/54
(33) United States of America	(72) FAULKNER, Dale	B29C 70/56
(51) B29C 63/36	POLLITT, Will	G01M 5/00
B32B 1/08	(51) B29C 67/00	G01N 3/02
B32B 5/02	(11) EP2723551	G01N 3/04
F16L 55/165	(21) EP12731277.5	G01N 3/08
F16L 55/18	(47) 26.08.2020	(11) EP3557219
(11) EP3003574	(87) US2012043823	(21) EP19179199.5
(21) EP14807506.2	27.12.2012	(47) 26.08.2020
(47) 26.08.2020	(22) 22.06.2012	(22) 20.10.2017
(87) US2014041005	(54) AN APPARATUS AND METHOD FOR THE SEPARATION OF A FOIL FROM A MATERIAL LAYER	(54) METHODS OF MAKING A TUBULAR SPECIMEN WITH A PREDETERMINED WRINKLE DEFECT
11.12.2014	(73) DSM IP Assets B.V.	(73) Bell Helicopter Textron Inc.
(22) 05.06.2014	(72) BAUMAN, Brian	(72) LEE, Wei-Yueh
(54) METHOD FOR INSTALLING A PIPE LINER	THOMAS, Richard	BURNETT, Michael
(73) Warren Environmental & Coating, LLC	(31) 201161500064 P	DEARMAN, Michael
(72) Warren, Daniel	(32) 22.06.2011	(31) 201715464681
(31) 201361832433 P	(33) United States of America	(32) 21.03.2017
(32) 07.06.2013	(51) B29C 67/00	(33) United States of America
(33) United States of America	(11) EP3137283	(51) B29C 70/20
(51) B29C 64/118	(21) EP14891054.0	B29C 70/34
B29C 64/165	(47) 26.08.2020	B29L 31/00
B29C 64/35	(87) US2014036133	B29L 31/30
B29C 64/357	05.11.2015	B64C 1/06
B29C 64/393	(22) 30.04.2014	B29D 99/00
(11) EP2964450	(54) COMPUTATIONAL MODEL AND THREE-DIMENSIONAL (3D) PRINTING METHODS	(11) EP2433781
(21) EP14760240.3	(73) Hewlett-Packard Development Company, L.P.	(21) EP11181010.7
(47) 26.08.2020	(72) PRASAD, Keshava, A.	(47) 26.08.2020
(87) US2014017915	DONOVAN, David, H.	(22) 13.09.2011
12.09.2014		(54) Method and apparatus for fabricating highly contoured composite stiffeners with reduced wrinkling
(22) 24.02.2014		(73) The Boeing Company

(72) Bland, Jamel R	(87) GB2017052875	(87) CA2016050234
(31) 888758	05.04.2018	09.09.2016
(32) 23.09.2010	(22) 26.09.2017	(22) 04.03.2016
(33) United States of America	(54) A METHOD FOR MANUFACTURING	(54) TRACK SYSTEM FOR TRACTION OF A
(51) B29C 70/38	CONTACT LENSES	VEHICLE
B29C 64/106	(73) CooperVision International Holding	(73) Camso Inc.
B29C 64/118	Company, LP	(72) BOILY, Patrice
B29C 64/141	(72) BRUCE, Ian	BERGERON, Matthieu
B29C 64/386	FIELDHOUSE, Adam	RICHARD, Simon
B29C 67/00	(31) 201662400156 P	LAPERLE, Ghislain
(11) EP3124212	(32) 27.09.2016	(31) 201562128183 P
(21) EP16168651.4	(33) United States of America	(32) 04.03.2015
(47) 26.08.2020	(51) B29D 11/00	(33) United States of America
(22) 06.05.2016	(11) EP3233447	(51) B29D 30/06
(54) SYSTEM FOR ADDITIVELY	(21) EP15813546.7	B60C 5/14
MANUFACTURING COMPOSITE	(47) 26.08.2020	B60C 19/12
PARTS	(87) GB2015054052	(11) EP3587141
(73) The Boeing Company	23.06.2016	(21) EP19170266.1
(72) EVANS, Nick S.	(22) 17.12.2015	(47) 26.08.2020
TORRES, Faraón	(54) APPARATUS AND METHOD FOR	(22) 18.04.2019
ZIEGLER, Ryan G.	CLOSURE OF OPHTHALMIC LENS	(54) PNEUMATIC TIRE AND METHOD FOR
HARRISON, Samuel F.	MOLDS	PRODUCING PNEUMATIC TIRE
GRIJALVA, Ciro J.	(73) CooperVision International Holding	(73) Sumitomo Rubber Industries, Ltd.
OSBORN, Hayden S.	Company, LP	(72) MATSUNAMI, Sho
(31) 201562199665 P	(72) GIBSON, John Robert	(31) 2018122019
201514931573	COOK, Terence Michael	(32) 27.06.2018
(32) 31.07.2015	PAYNE, Geoffrey Douglas Sydney	(33) Japan
03.11.2015	(31) 201422766	(51) B29D 30/06
(33) United States of America	(32) 19.12.2014	B60C 11/11
United States of America	(33) United Kingdom	B60C 11/12
(51) B29C 70/86	(51) B29D 11/00	(11) EP3441240
B29L 31/08	G02B 1/11	(21) EP16897968.0
F03D 1/06	(11) EP1588829	(47) 26.08.2020
B29D 99/00	(21) EP05076320.0	(87) JP2016084919
(11) EP3551438	(47) 26.08.2020	12.10.2017
(21) EP17804175.2	(22) 27.05.2002	(22) 25.11.2016
(47) 26.08.2020	(54) Method for preparing a mold part useful	(54) TIRE MOLD AND TIRE
(87) EP2017080342	for transferring a coating onto an optical	(73) Bridgestone Corporation
14.06.2018	substrate	(72) KAJI Yoshio
(22) 24.11.2017	(73) Essilor International	(31) 2016076377
(54) TRAILING EDGE SPAR CAP OF A	(72) Klemm, Karl Arthur	(32) 06.04.2016
ROTOR BLADE OF A WIND TURBINE,	Fairbank, Julie Anne	(33) Japan
ROTOR BLADE AND METHOD FOR	(31) 294425 P	(51) B29D 30/38
PRODUCING A TRAILING EDGE SPAR	(32) 29.05.2001	B60C 9/00
CAP	(33) United States of America	B60C 9/22
(73) Senvion GmbH	(51) B29D 11/00	D01F 6/30
(72) RAMM, Julian	G02C 7/04	D01F 6/60
(31) 102016014447	G02C 7/08	D01F 6/62
(32) 06.12.2016	(11) EP3555696	(11) EP3492278
(33) Germany	(21) EP17822430.9	(21) EP18166264.4
(51) B29C 73/16	(47) 26.08.2020	(47) 26.08.2020
B60C 19/12	(87) GB2017053764	(22) 09.04.2018
(11) EP3332953	21.06.2018	(54) THIN LAYER CAPPLY AND LOW-
(21) EP17204056.0	(22) 15.12.2017	WEIGHT TIRE USING THE SAME
(47) 26.08.2020	(54) CONTACT LENSES WITH	(73) Kumho Tire Co., Inc.
(22) 28.11.2017	INCORPORATED COMPONENTS	(72) LEE, Sang-Woo
(54) PNEUMATIC TIRE FOR A	(73) CooperVision International Holding	(31) 20170161612
MOTORCYCLE	Company, LP	(32) 29.11.2017
(73) Sumitomo Rubber Industries, Ltd.	(72) MARULLO, Rachel	(33) Korea (Republic)
(72) YUKAWA, Naoki	TRAN, Victoria	(51) B29K 27/18
ICHIRYU, Yutaka	(31) 201662435090 P	B29K 105/00
(31) 2016237854	(32) 16.12.2016	C08F 214/26
(32) 07.12.2016	(33) United States of America	B29C 48/00
(33) Japan	(51) B29D 29/00	B29C 48/09
(51) B29D 11/00	B62D 55/24	B29C 48/30
(11) EP3500422	(11) EP3265368	B29C 48/32
(21) EP17780859.9	(21) EP16758408.5	(11) EP3348590
(47) 26.08.2020	(47) 26.08.2020	(21) EP16844309.1

(47) 26.08.2020	(72) LEAR, Alexander William	(51) B32B 5/02
(87) JP2016076030	(31) PCT/DK2016/050167	B32B 5/18
16.03.2017	(32) 07.06.2016	B32B 7/12
(22) 05.09.2016	(33) World Intellectual Property Office (WIPO)	B32B 15/08
(54) MODIFIED	(51) B31F 1/28	B32B 15/20
POLYTETRAFLUOROETHYLENE	B32B 37/12	B32B 27/00
FINE POWDER, METHOD FOR	B32B 37/20	B32B 27/30
PRODUCING SAME, AND METHOD	B32B 38/00	B32B 27/32
FOR PRODUCING TUBE OR HOSE	(11) EP3459726	B32B 27/34
(73) AGC Inc.	(21) EP18192147.9	B32B 27/36
AGC Chemicals Europe, Limited	(47) 26.08.2020	B32B 27/38
(72) KOBAYASHI, Shigeki	(22) 03.09.2018	B32B 27/40
MORGOVAN-ENE, Ariana Claudia	(54) CORRUGATED BOARD SYSTEM	B32B 29/00
WADE, Anthony Eugene	(73) BHS Corrugated Maschinen-und	C09J 201/00
(31) 2015176810	Anlagenbau GmbH	C09J 7/00
(32) 08.09.2015	(72) Dr. Aumüller, Berthold	(11) EP3173450
(33) Japan	Kraus, Helmut	(21) EP15824218.0
(51) B29K 75/00	Mark, Maximilian	(47) 26.08.2020
B41M 3/00	Städele, Norbert	(87) JP2015071039
B41M 3/16	(31) 102017216720	28.01.2016
B41M 5/00	(32) 21.09.2017	(22) 23.07.2015
C08G 18/32	(33) Germany	(54) DOUBLE-SIDED ADHESIVE SHEET,
C08G 18/38	(51) B32B 3/04	JOINING METHOD USING DOUBLE-
C08G 18/42	B32B 3/12	SIDED ADHESIVE SHEET, AND
C08G 18/73	B32B 5/02	METHOD FOR PRODUCING DOUBLE-
C08G 18/75	B32B 9/02	SIDED ADHESIVE SHEET
C08G 18/76	B32B 15/14	(73) Nitto Denko Corporation
C08G 18/79	B32B 27/40	Nissho Corporation
C08K 5/00	(11) EP3349981	(72) NAKAHARA, Hiroki
C09D 175/02	(21) EP16854611.7	SOEDA, Yoshikazu
C09D 175/06	(47) 26.08.2020	(31) 2014150990
C09D 11/102	(87) US2016052522	2014263858
C09D 11/30	29.06.2017	(32) 24.07.2014
C09D 11/322	(22) 19.09.2016	26.12.2014
C09D 11/54	(54) LOAD-BEARING COMPOSITE PANELS,	(33) Japan
B29C 64/112	MATERIALS, PRODUCTS, AND	Japan
B29C 67/00	PROCESSES TO MAKE AND USE	(51) B32B 5/02
B33Y 70/00	SAME	B32B 5/18
(11) EP2930198	(73) Jerez, Roberto Velozzi	B32B 7/12
(21) EP15162609.0	(72) Jerez, Roberto Velozzi	B32B 25/02
(47) 26.08.2020	(31) 201562219960 P	B32B 25/04
(22) 07.04.2015	(32) 17.09.2015	B32B 27/30
(54) PRINTABLE MULTICOMPONENT	(33) United States of America	B32B 27/40
SYSTEM	(51) B32B 3/26	E04B 1/62
(73) Covestro Deutschland AG	B32B 5/02	(11) EP2934885
(72) Tillack, Jörg	B32B 9/00	(21) EP13864300.2
Achten, Dirk	B32B 9/04	(47) 26.08.2020
Büsgen, Thomas	B32B 17/00	(87) US2013076627
Gertzmann, Rolf	B32B 27/08	26.06.2014
Wagner, Roland	B32B 27/12	(22) 19.12.2013
Schuster, Fabian	(11) EP3509836	(54) ROLL-UP THERMAL BARRIER
Eiden, Stefanie	(21) EP17765148.6	(73) Rytec Corporation
Steffens, Ingo	(47) 26.08.2020	(72) MALINOWSKI, Jeffrey T.
(31) 14163670	(87) EP2017072319	(31) 201261740877 P
(32) 07.04.2014	15.03.2018	(32) 21.12.2012
(33) European Patent Office (EPO)	(22) 06.09.2017	(33) United States of America
(51) B30B 9/12	(54) REAL STONE VENEER	(51) B32B 5/02
(11) EP3463841	(73) Ilhan, Elmar	B32B 5/26
(21) EP17730052.2	Hornung, Markus	D04H 1/4326
(47) 26.08.2020	Krahl, Rolf	D04H 1/4342
(87) DK2017050187	Gwinner, Dieter	D04H 1/435
14.12.2017	(72) ILHAN, Elmar	(11) EP3569752
(22) 07.06.2017	HORNUNG, Markus	(21) EP18197230.8
(54) SCREW PRESS APPARATUS	KRAHL, Rolf	(47) 26.08.2020
INCLUDING AN IMPROVED CIP	GWINNER, Dieter	(22) 27.09.2018
ARRANGEMENT AND METHOD OF	(31) 102016217032	(54) NONWOVEN FABRIC AND
CLEANING THE APPARATUS	(32) 07.09.2016	ASSOCIATED COMPOSITE AND
(73) GEA Process Engineering A/S	(33) Germany	METHODS OF MAKING

- (73) SABIC Global Technologies B.V.  
(72) SOHN, Sungkyun  
LAWRENCE, Stanley Leroy  
(31) 201862671492 P  
(32) 15.05.2018  
(33) United States of America
- 
- (51) B32B 5/32  
G03F 7/00  
G03F 7/027  
G03F 7/038  
G03F 7/09  
G03F 7/11  
(11) EP3073320  
(21) EP16161477.1  
(47) 26.08.2020  
(22) 21.03.2016  
(54) LAMINATED FILM  
(73) TOKYO OHKA KOGYO CO., LTD.  
(72) SENZAKI, Takahiro  
NOGUCHI, Takuya  
SUZUKI, Yasuo  
OGATA, Toshiyuki  
(31) 2015063996  
(32) 26.03.2015  
(33) Japan
- 
- (51) B32B 7/10  
B32B 9/00  
B32B 15/06  
B32B 15/18  
B32B 25/04  
B32B 25/08  
B32B 25/14  
B32B 25/20  
B32B 27/16  
(11) EP3403822  
(21) EP16885108.7  
(47) 26.08.2020  
(87) JP2016087915  
20.07.2017  
(22) 20.12.2016  
(54) BONDED SILICONE RUBBER OBJECT  
(73) Asahi Rubber Inc.  
(72) NEMOTO, Masashi  
AKAIKE, Hisashi  
KANNO, Fumio  
GYODA, Kazuki  
(31) 2016003783  
(32) 12.01.2016  
(33) Japan
- 
- (51) B32B 7/12  
B32B 15/082  
B32B 15/085  
B32B 15/092  
B32B 15/18  
B32B 15/20  
B32B 27/08  
B32B 27/20  
B32B 27/26  
B32B 27/30  
B32B 27/32  
B32B 27/36  
B32B 27/38  
C08L 23/08  
C09J 123/08  
H01L 31/048  
C09J 7/24  
(11) EP3358629  
(21) EP16851388.5
- (47) 26.08.2020  
(87) JP2016078159  
06.04.2017  
(22) 26.09.2016  
(54) MULTILAYER SHEET FOR SOLAR  
CELL SEALING MATERIAL, METHOD  
FOR MANUFACTURING MULTILAYER  
SHEET FOR SOLAR CELL SEALING  
MATERIAL, AND SOLAR CELL  
MODULE  
(73) DOW-MITSUI POLYCHEMICALS CO.,  
LTD.  
(72) ENDO, Yui  
SATO, Norihiko  
ICHINOSEKI, Chikara  
ISOKAWA, Motoaki  
(31) 2015191210  
(32) 29.09.2015  
(33) Japan
- 
- (51) B32B 7/12  
B32B 21/02  
B32B 21/06  
B32B 29/00  
B32B 29/06  
B32B 38/00  
B32B 38/04  
B32B 38/10  
H05K 1/00  
(11) EP3256314  
(21) EP16707563.9  
(47) 26.08.2020  
(87) IB2016050804  
18.08.2016  
(22) 15.02.2016  
(54) WOOD DERIVED MULTILAYER  
PRODUCT WITH INTEGRATED  
ELECTRIC CIRCUIT AND  
MANUFACTURING PROCESS  
(73) CENTITVC - Centro de Nanotecnologia  
e Materiais Tecnicos, Funcionais e  
Inteligentes  
Sonae - Indústria de Revestimentos, S.A.  
(72) CARVALHO GOMES, João Manuel  
DINIZ DA FONSECA, Joana  
PINTO LOPES, Jaime Rafael  
SILVESTRE MENDES PINTO DE  
MOURA, Bruna Gabriela  
POÇAS GONÇALVES, José Joaquim  
BASTOS DA SILVA, Miguel António  
ROCHA FELGUEIRAS DE SOUSA  
NOGUEIRA, Miguel  
DE MELO MAIA, Cristina Isabel  
RIBEIRO DA CRUZ, Paulo Jorge  
MACIAS FERRA, João Miguel  
FARIA RAMOS TAVARES, Neuza  
Patrícia  
PACHECO NEVES CARTEADO MENA,  
Pedro Miguel  
(31) 15108227  
(32) 13.02.2015  
(33) Portugal
- 
- (51) B32B 9/00  
B32B 27/30  
E04F 13/08  
E04F 13/14  
(11) EP3015620  
(21) EP14003686.4  
(47) 26.08.2020
- (22) 31.10.2014  
(54) Panel for the enclosure and external  
thermal insulation of façades and roofs,  
and the installation procedure  
(73) Ferrero Gonzalez, Josen Hermogenes  
Nunez Carballo, Alfredo  
(72) Ferrero Gonzalez, Josen Hermogenes  
Nunez Carballo, Alfredo
- 
- (51) B32B 9/00  
B32B 33/00  
C23C 4/02  
C23C 4/04  
C23C 16/32  
C23C 16/40  
C23C 28/04  
F01D 5/28  
F16J 15/453  
B32B 7/02  
(11) EP3094487  
(21) EP15737244.2  
(47) 26.08.2020  
(87) US2015010554  
23.07.2015  
(22) 08.01.2015  
(54) SILICON OXYCARBIDE-BASED  
ENVIRONMENTAL BARRIER COATING  
(73) United Technologies Corporation  
(72) TANG, Xia  
SHEEDY, Paul  
KASHYAP, Tania, Bhatia  
SCHMIDT, Wayde, R.  
GOBERMAN, Daniel, G.  
(31) 201461927079 P  
(32) 14.01.2014  
(33) United States of America
- 
- (51) B32B 15/01  
C21D 6/00  
C21D 8/02  
C22C 38/02  
C22C 38/04  
C22C 38/06  
C22C 38/08  
C22C 38/12  
C22C 38/14  
C22C 38/16  
C22C 38/20  
C22C 38/22  
C22C 38/24  
C22C 38/26  
C22C 38/28  
C22C 38/32  
C22C 38/38  
C22C 38/42  
C22C 38/44  
C22C 38/46  
C23C 2/40  
(11) EP3390040  
(21) EP16809845.7  
(47) 26.08.2020  
(87) EP2016081254  
22.06.2017  
(22) 15.12.2016  
(54) HIGH STRENGTH HOT DIP  
GALVANISED STEEL STRIP  
(73) Tata Steel IJmuiden B.V.  
(72) VAN KREVEL, Joost, Willem, Hendrik  
IONESCU, Cornelia  
(31) PCT/EP2015/200241

PCT/EP2015/200828	G02F 1/157	(31) 201414563372
(32) 15.12.2015	(11) EP3360009	201414563347
17.12.2015	(21) EP16854401.3	(32) 08.12.2014
(33) World Intellectual Property Office (WIPO)	(47) 26.08.2020	08.12.2014
World Intellectual Property Office (WIPO)	(87) US2016055941	(33) United States of America
(51) B32B 15/01	13.04.2017	United States of America
C21D 8/12	(22) 07.10.2016	(51) B32B 27/32
C22C 38/00	(54) WINDOW ASSEMBLY WITH INFRARED	(11) EP3230064
C22C 38/02	REFLECTOR	(21) EP14907628.3
C22C 38/04	(73) Gentex Corporation	(47) 26.08.2020
C22C 38/06	(72) LUTEN, Henry A.	(87) CN2014093708
C22C 38/08	DRISCOLL, David I.	16.06.2016
C22C 38/16	ASH, Kevin L.	(22) 12.12.2014
C22C 38/18	STEPHENSON, Michael T.	(54) A MULTILAYER STRUCTURE, A
C23C 2/00	CAMMENGA, David J.	LAMINATE COMPRISING THE SAME
C23C 2/06	(31) 201562238982 P	AND ARTICLES COMPRISING THE
C23C 2/08	201662353383 P	LAMINATE
C23C 2/12	(32) 08.10.2015	(73) Dow Global Technologies LLC
C23C 2/26	22.06.2016	(72) YUN, Xiao B.
C23C 2/28	(33) United States of America	PAN, Jianping
C23C 10/28	United States of America	(51) B33Y 10/00
C23C 14/16	(51) B32B 21/14	B33Y 30/00
C23C 14/58	B32B 37/14	B29C 64/129
H01F 1/147	B44C 5/04	B29C 64/153
H01F 1/16	E04F 15/02	(11) EP3274156
(11) EP2495345	(11) EP3126145	(21) EP16714265.2
(21) EP10826786.5	(21) EP15773879.0	(47) 26.08.2020
(47) 26.08.2020	(47) 26.08.2020	(87) EP2016055786
(87) JP2010069102	(87) SE2015050380	29.09.2016
05.05.2011	08.10.2015	(22) 17.03.2016
(22) 27.10.2010	(22) 30.03.2015	(54) METHOD AND DEVICE FOR FORMING
(54) FERROUS METAL SHEET AND	(54) COMPOSITE BOARDS AND PANELS	A 3D BODY
MANUFACTURING METHOD	(73) Ceraloc Innovation AB	(73) Schweiger, Severin
THEREFOR	(72) PERVAN, Darko	(72) Schweiger, Severin
(73) Nippon Steel Corporation	(31) 1450382	(31) 15160560
(72) INAGUMA, Tooru	(32) 31.03.2014	(32) 24.03.2015
TOMITA, Miho	(33) Sweden	(33) European Patent Office (EPO)
MIZUHARA, Youji	(51) B32B 27/10	(51) B41F 11/02
SAKAMOTO, Hiroaki	B32B 27/32	B41F 13/00
(31) 2009248057	B32B 29/00	B41F 21/08
(32) 28.10.2009	(11) EP3575086	B41F 21/10
(33) Japan	(21) EP18174708.0	B41F 23/04
(51) B32B 15/04	(47) 26.08.2020	B41F 23/08
B32B 15/08	(22) 29.05.2018	B41F 31/30
B32B 15/088	(54) PROTECTIVE COVER FILM,	B41K 3/12
B32B 15/09	PROTECTIVE COVER FILM ROLL AND	B41M 7/02
C23C 28/02	METHOD OF MANUFACTURING THE	B65H 29/00
C25D 5/56	PROTECTIVE COVER FILM	(11) EP3130467
H05K 3/00	(73) Papierfabriek Doetinchem BV	(21) EP16186882.3
(11) EP3424703	(72) Hans Peter de HEUS	(47) 26.08.2020
(21) EP17760141.6	(51) B32B 27/30	(22) 12.05.2011
(47) 26.08.2020	C08J 5/18	(54) PRINTING PRESS FOR NUMBERING
(87) JP2017008324	C08K 5/00	AND VARNISHING OF SECURITY
08.09.2017	C08L 29/14	DOCUMENTS, INCLUDING
(22) 02.03.2017	(11) EP3230370	BANKNOTES
(54) METAL-CLAD LAMINATE AND	(21) EP15867015.8	(73) KBA-NotaSys SA
MANUFACTURING METHOD FOR	(47) 26.08.2020	(72) SCHAEDE, Johannes Georg
SAME	(87) US2015063907	GYGI, Matthias
(73) Kuraray Co., Ltd.	16.06.2016	(31) 10163336
(72) HIRAMATSU, Shinji	(22) 04.12.2015	10163327
NAKASHIMA, Takahiro	(54) POLY(VINYL ACETAL) RESIN	(32) 19.05.2010
SUNAMOTO, Tatsuya	COMPOSITIONS, LAYERS, AND	19.05.2010
SUZUKI, Shigeaki	INTERLAYERS HAVING ENHANCED	(33) European Patent Office (EPO)
(31) 2016041591	OPTICAL PROPERTIES	European Patent Office (EPO)
(32) 03.03.2016	(73) Solutia Inc.	(51) B41F 13/004
(33) Japan	(72) LU, Jun	B41F 13/008
(51) B32B 17/06	FARHOUDI, Yalda	B41F 13/016
G02B 5/28	LI, Zhou	(11) EP3370965

- (21) EP16791586.7  
(47) 26.08.2020  
(87) EP2016076727  
11.05.2017  
(22) 04.11.2016  
(54) DRIVE FOR SHEET-FED ROTARY  
PRINTING PRESSES  
(73) manroland sheetfed GmbH  
(72) SCHÖLZIG, Jürgen  
(31) 102015118912  
102016121035  
(32) 04.11.2015  
03.11.2016  
(33) Germany  
Germany
- 
- (51) B41F 19/00  
B41F 23/04  
B41J 3/54  
(11) EP3348402  
(21) EP18160207.9  
(47) 26.08.2020  
(22) 10.08.2016  
(54) MACHINE ARRANGEMENT FOR  
SEQUENTIAL PROCESSING OF  
SHEET-TYPE SUBSTRATES  
(73) Koenig & Bauer AG  
(72) Ziegenbalg, Christian  
Becker, Uwe  
Köhler, Ulrich  
Schumann, Frank  
Reinsch, Carsten  
Koch, Heinz Michael  
(31) 102015217229  
PCT/EP2016/059647  
(32) 09.09.2015  
29.04.2016  
(33) Germany  
World Intellectual Property Office (WIPO)
- 
- (51) B41F 27/06  
B41F 27/12  
(11) EP3530461  
(21) EP18157995.4  
(47) 26.08.2020  
(22) 22.02.2018  
(54) METHOD FOR CHANGING PRINTING  
PLATES ON A CYLINDER AND  
PRINTING CYLINDER WITH  
CHECKVALVE IN THE HYDRAULIK  
LINE CONNECTED TO THE CLAMP  
DEVICE  
(73) Heidelberger Druckmaschinen AG  
(72) Kündgen, Rolf  
Stellberger, Rudi  
Schönmann, Dirk
- 
- (51) B41J 2/01  
B41M 5/00  
C09D 11/30  
C09D 11/54  
(11) EP3305537  
(21) EP16803164.9  
(47) 26.08.2020  
(87) JP2016065439  
08.12.2016  
(22) 25.05.2016  
(54) IMAGE FORMATION METHOD AND  
CARDBOARD  
(73) FUJIFILM Corporation  
(72) MAKUTA, Toshiyuki
- (31) 2015113396  
(32) 03.06.2015  
(33) Japan
- 
- (51) B41J 2/01  
B41M 5/00  
C09D 11/30  
C09D 11/54  
(11) EP3272818  
(21) EP16768483.6  
(47) 26.08.2020  
(87) JP2016057767  
29.09.2016  
(22) 11.03.2016  
(54) INK COMPOSITION AND INK JET  
RECORDING METHOD USING SAME  
(73) DNP Fine Chemicals Co., Ltd.  
(72) YAMAZAKI, Fumie  
KOBAYASHI, Akiko  
SHIRAISHI, Naoki  
MATSUMOTO, Kisei  
OTOMO, Kentaro  
SUGITA, Yukio  
(31) 2015057983  
(32) 20.03.2015  
(33) Japan
- 
- (51) B41J 2/02  
B41J 2/17  
B41J 2/18  
B41J 2/185  
B41J 2/195  
(11) EP3484711  
(21) EP17757812.7  
(47) 26.08.2020  
(87) GB2017052063  
18.01.2018  
(22) 13.07.2017  
(54) IMPROVEMENTS IN OR RELATING TO  
CONTINUOUS INKJET PRINTERS  
(73) Domino UK Limited  
(72) WALKINGTON, Stuart Mark  
BRIDGES, Richard Thomas Calhoun  
PARTRIDGE, Colin Jon  
CHASE, Justin  
(31) 201612259  
(32) 14.07.2016  
(33) United Kingdom
- 
- (51) B41J 2/045  
B41J 2/135  
B41J 2/14  
B41J 2/175  
B41J 2/18  
(11) EP3212408  
(21) EP14904635.1  
(47) 26.08.2020  
(87) US2014063214  
06.05.2016  
(22) 30.10.2014  
(54) PRINT HEAD SENSING CHAMBER  
CIRCULATION  
(73) Hewlett-Packard Development Company,  
L.P.  
(72) GOVYADINOV, Alexander  
GHOZEIL, Adam L.  
NG, Boon Bing  
LEONARD, Patrick  
CONNOLLY, Raymond
- 
- (51) B41J 2/045  
B41J 2/14
- (11) EP3354461  
(21) EP18152058.6  
(47) 26.08.2020  
(22) 17.01.2018  
(54) LIQUID INJECTION APPARATUS,  
DRIVING METHOD OF LIQUID  
INJECTION APPARATUS AND LIQUID  
SUPPLY APPARATUS  
(73) Toshiba TEC Kabushiki Kaisha  
(72) Kusunoki, Ryutaro  
(31) 2017011313  
(32) 25.01.2017  
(33) Japan
- 
- (51) B41J 2/135  
B41J 2/175  
(11) EP3347204  
(21) EP16888408.8  
(47) 26.08.2020  
(87) US2016015211  
03.08.2017  
(22) 27.01.2016  
(54) FLUID SUPPLY ASSEMBLY AND  
METHOD OF ATTACHING A  
PRINTHEAD ASSEMBLY  
(73) Hewlett-Packard Development Company,  
L.P.  
(72) SING, Sam  
BINGHAM, Jeffrey G  
ROMAN, Justin M
- 
- (51) B41J 2/14  
B41J 2/16  
B41J 2/165  
(11) EP3482956  
(21) EP18206315.6  
(47) 26.08.2020  
(22) 14.11.2018  
(54) JET HOLE PLATE, LIQUID JET HEAD,  
AND LIQUID JET RECORDING  
APPARATUS  
(73) SII Printek Inc  
(72) HIRATA, Masakazu  
TAKANO, Kenji  
OSAKA, Emiko  
(31) 2017218697  
(32) 14.11.2017  
(33) Japan
- 
- (51) B41J 2/14  
B41J 2/175  
(11) EP2851201  
(21) EP14185289.7  
(47) 26.08.2020  
(22) 18.09.2014  
(54) Ink jet printing apparatus and ink jet  
printing method  
(73) Canon Finetech Nisca Inc.  
(72) Yamaguchi, Kenro  
Sugai, Takashi  
Ota, Noritaka  
(31) 2013195873  
2013195875  
2014058462  
(32) 20.09.2013  
20.09.2013  
20.03.2014  
(33) Japan  
Japan  
Japan
- 
- (51) B41J 2/14

B41J 2/175	(51) B41J 2/175	(51) B41J 2/21
B41J 2/19	(11) EP3300897	B41J 29/393
(11) EP3326822	(21) EP16191126.8	H04N 1/00
(21) EP18150540.5	(47) 26.08.2020	(11) EP3228465
(47) 26.08.2020	(22) 28.09.2016	(21) EP17162902.5
(22) 20.03.2014	(54) LIQUID CARTRIDGE	(47) 26.08.2020
(54) LIQUID EJECTION HEAD AND LIQUID EJECTION APPARATUS	(73) Brother Kogyo Kabushiki Kaisha	(22) 24.03.2017
(73) Canon Finetech Nisca Inc.	(72) KOBAYASHI, Tetsuro	(54) METHOD AND APPARATUS FOR DETECTING STREAK, AND PRINTING APPARATUS
(72) FUKUDA, Yoshihito	TOMOGUCHI, Suguru	(73) Fujifilm Corporation
YAMAGUCHI, Kenro	ONO, Akihito	(72) UKISHIMA, Masayuki
SUGAI, Takashi	NUKUI, Kosuke	(31) 2016064091
OTA, Noritaka	TAKAHASHI, Hiroaki	(32) 28.03.2016
MUKAI, Kayo	OKAZAKI, Naoya	(33) Japan
YAZAKI, Masayoshi		
(31) 2013060517	(51) B41J 2/175	(51) B41J 2/32
2014005229	(11) EP3199358	B41J 29/02
(32) 22.03.2013	(21) EP17153621.2	(11) EP3566876
15.01.2014	(47) 26.08.2020	(21) EP18171293.6
(33) Japan	(22) 27.01.2017	(47) 26.08.2020
Japan	(54) INK CARTRIDGE	(22) 08.05.2018
	(73) Riso Kagaku Corporation	(54) COMPACT THERMAL PRINTING MECHANISM
(51) B41J 2/14	(72) Arimura, Eijiro	(73) APS Trading OOD
H01L 41/047	(31) 2016016073	(72) MONTAGUTELLI, Denis
H01L 41/29	(32) 29.01.2016	
(11) EP3097593	(33) Japan	
(21) EP15823590.3	(51) B41J 2/175	(51) B41J 3/36
(47) 26.08.2020	(11) EP3424725	B41J 15/04
(87) EP2015002406	(21) EP18180297.6	B41J 29/13
09.06.2016	(47) 26.08.2020	B65C 9/18
(22) 30.11.2015	(22) 28.06.2018	B65C 11/02
(54) ACTUATOR DEVICE	(54) INKJET PRINTING APPARATUS AND CONTROL METHOD OF THE INKJET PRINTING APPARATUS	(11) EP3141395
(73) PI Ceramic GmbH	(73) CANON KABUSHIKI KAISHA	(21) EP15789374.4
(72) HENNIG, Eberhard	(72) ABE, Takashi	(47) 26.08.2020
DITAS, Peter	TOKISAWA, Toshiaki	(87) JP2015060947
GRÜNWALD, Frank	OKUDE, Kyoshiro	12.11.2015
(31) 102014017746	SAEKI, Tsuyoshi	(22) 08.04.2015
202014009536 U	ARAI, Ryoma	(54) PRINTER
(32) 01.12.2014	(31) 2017133783	(73) Sato Holdings Kabushiki Kaisha
01.12.2014	(32) 07.07.2017	(72) KATAYAMA, Tamotsu
(33) Germany	(33) Japan	HIROSE, Kenji
Germany		(31) 2014096924
(51) B41J 2/165	(51) B41J 2/175	(32) 08.05.2014
B41J 2/505	(11) EP3611023	(33) Japan
B41J 2/515	(21) EP19194754.8	
B41J 3/54	(47) 26.08.2020	(51) B41J 3/407
B41J 3/60	(22) 29.01.2016	B41J 11/00
(11) EP3109049	(54) LIQUID CARTRIDGE	B41M 5/00
(21) EP16172407.5	(73) Brother Kogyo Kabushiki Kaisha	C14B 1/28
(47) 26.08.2020	(72) NUKUI, Kosuke	C14B 1/56
(22) 01.06.2016	TOMOGUCHI, Suguru	(11) EP3189973
(54) PRINTING SYSTEM	KOBAYASHI, Tetsuro	(21) EP17150202.4
(73) Riso Kagaku Corporation	OKAZAKI, Naoya	(47) 26.08.2020
(72) Hakamada, Junichi	TAKAHASHI, Hiroaki	(22) 14.03.2013
(31) 2015127250		(54) LEATHER PRINTING
(32) 25.06.2015	(51) B41J 2/175	(73) Codus Holdings Limited
(33) Japan	B41J 2/19	AGFA NV
(51) B41J 2/175	(11) EP3230069	(72) Yiannakou, Pantelis
(11) EP3208094	(21) EP15880414.6	(31) 201261610531 P
(21) EP16190341.4	(47) 26.08.2020	201313798252
(47) 26.08.2020	(87) US2015013462	(32) 14.03.2012
(22) 23.09.2016	04.08.2016	13.03.2013
(54) DETERMINING SYSTEM AND PRINTING FLUID CARTRIDGE	(22) 29.01.2015	(33) United States of America
(73) Brother Kogyo Kabushiki Kaisha	(54) PRINT SYSTEM WITH VOLUME SUBSTANTIALLY VOID OF LIQUID	United States of America
(72) OKAZAKI, Naoya	(73) Hewlett-Packard Development Company, L.P.	(51) B41J 3/407
(31) 2016029376	(72) SWIER, Kevin E.	B41J 11/06
(32) 18.02.2016	OTIS, David R. Jr.	B41J 13/12
(33) Japan		B41J 13/30
		(11) EP3335889
		(21) EP17020572.8



(47) 26.08.2020	(47) 26.08.2020	(22) 09.02.2017
(22) 13.12.2017	(22) 18.09.2019	(54) BICYCLE RIM AND WHEEL HAVING INNER PROTRUSIONS
(54) DRAGGING DEVICE FOR MARKING ELECTRICAL TAGS AND METHOD FOR THE REALIZATION OF AN AUTOMATIC LOADER	(54) TUNGSTEN PHOSPHORUS OXIDE, COMPOSITIONS , METHODS AND USES RELATING THERETO	(73) SRAM, LLC.
(73) Danilo, Rigardo	(73) Keeling & Walker, Limited	(72) Hall, Michael
(72) Danilo, Rigardo	(72) GUHL, Dieter	Morse, David
(31) 201600126141	DOBROWOLSKA, Anna	Trouw, Ruan
(32) 14.12.2016	(31) 201815402	(31) 201615042768
(33) Italy	(32) 21.09.2018	(32) 12.02.2016
(51) B41J 3/407	(33) United Kingdom	(33) United States of America
B41J 25/304	(51) B41M 5/52	(51) B60B 27/02
(11) EP3473446	(11) EP3189975	(11) EP3326836
(21) EP17196877.9	(21) EP16002745.4	(21) EP16827265.6
(47) 26.08.2020	(47) 26.08.2020	(47) 26.08.2020
(22) 17.10.2017	(22) 23.12.2016	(87) CN2016090934
(54) ROUNDTABLE DIGITAL PRINTING MACHINE AND PRINTING UNIT	(54) RECORDING MEDIUM	26.01.2017
(73) HINTERKOPF GmbH	(73) CANON KABUSHIKI KAISHA	(22) 21.07.2016
(72) Weber, Joachim	(72) Tanaka, Takatoshi	(54) LIGHTWEIGHT HUB MADE OF ALUMINUM-STEEL COMPOSITE MATERIALS
Schulz, Joachim	Nito, Yasuhiro	(73) LTW Tech (Tianjin) Co., Ltd
Sonntag, Michael	Shiba, Tetsufumi	(72) DONG, Jianhua
Goller, Florian	(31) 2016002756	(31) 201520532507 U
(51) B41J 11/00	(32) 08.01.2016	(32) 21.07.2015
B41J 15/04	(33) Japan	(33) China
B65H 23/04	(51) B42D 25/351	(51) B60B 33/00
(11) EP3356149	(11) EP3288772	B60B 33/02
(21) EP16850661.6	(21) EP16715460.8	(11) EP3484719
(47) 26.08.2020	(47) 26.08.2020	(21) EP17736661.4
(87) JP2016004352	(87) EP2016000596	(47) 26.08.2020
06.04.2017	03.11.2016	(87) EP2017066861
(22) 27.09.2016	(22) 11.04.2016	18.01.2018
(54) PRINTING APPARATUS	(54) SECURITY ELEMENT HAVING TWO SECURITY FEATURES THAT ADJOIN EACH OTHER	(22) 06.07.2017
(73) Seiko Epson Corporation	(73) Giesecke+Devrient Currency Technology GmbH	(54) CASTER COMPRISING A RUNNING WHEEL
(72) WAKITA, Masaaki	(72) DORFF, Giselher	(73) Tente GmbH & Co. KG
(31) 2015196536	TEUFEL, Björn	(72) HARTKOPF, Horst
(32) 02.10.2015	PFAFF, Anja	(31) 102016113069
(33) Japan	(31) 102015005453	(32) 15.07.2016
(51) B41M 5/025	(32) 28.04.2015	(33) Germany
B41M 5/035	(33) Germany	(51) B60B 33/00
B41M 5/50	(51) B42D 25/378	B65G 39/02
B41M 5/52	B42D 25/41	(11) EP3594017
(11) EP3307549	(11) EP3431305	(21) EP19178024.6
(21) EP16745866.0	(21) EP18184788.0	(47) 26.08.2020
(47) 26.08.2020	(47) 26.08.2020	(22) 04.06.2019
(87) NL2016050423	(22) 20.07.2018	(54) DEVICE COMPRISING A CASTER AND A SUSPENSION CARRYING THE ROLLER
15.12.2016	(54) A DOCUMENT SECURITY ELEMENT, A VALUE DOCUMENT WITH A SECURITY ELEMENT AND A METHOD OF MANUFACTURING OF A VALUE DOCUMENT	(73) Faigle Kunststoffe GmbH
(22) 13.06.2016	(73) Polska Wytwornia Papierow Wartosciowych S.A.	(72) Kienreich, Tobias
(54) IMPROVED TRANSFER PAPER FOR INKJET PRINTING	(72) Wójcik, Pawel	(31) 1992018
(73) Coldenhove Know How B.V.	Gurtowska, Joanna	(32) 05.07.2018
(72) SPORTEL, Koert Johannes	Wojciechowska, Agata	(33) Austria
CORNELISSEN, Cornelis Hendricus	Biernacki, Ariel	(51) B60B 35/18
(31) 2014965	Leszczynska-Ambroziewicz, Ewa	F16C 19/18
(32) 12.06.2015	(31) 42230017	F16C 19/52
(33) Netherlands	(32) 21.07.2017	F16C 41/00
(51) B41M 5/26	(33) Poland	G01L 5/00
C03C 17/32	(51) B60B 1/00	(11) EP2413121
C04B 35/495	B60B 21/02	(21) EP10755971.8
C07F 11/00	(11) EP3208104	(47) 26.08.2020
C08K 3/22	(21) EP17000199.4	(87) JP2010054685
C08K 5/5313	(47) 26.08.2020	30.09.2010
E06B 3/67	(51) B60B 1/00	(22) 18.03.2010
H02H 9/04	B60B 21/02	(54) SENSOR-EQUIPPED BEARING FOR WHEEL
G01R 31/12	(11) EP3208104	(73) NTN Corporation
(11) EP3628645	(21) EP17000199.4	
(21) EP19198104.2	(47) 26.08.2020	

(72) NISHIKAWA, Kentarou TAKAHASHI, Toru NORIMATSU, Takayuki IKKI, Kentaro	C09J 179/02 C09J 179/04 (11) EP3532302 (21) EP17780500.9 (47) 26.08.2020	B60C 5/01 B60C 11/00 B60C 11/01 B60C 11/03 B60C 13/00
(31) 2009076762 2009089042 2009093581 2009093582 2009164474	(87) FR2017052566 03.05.2018 (22) 25.09.2017 (54) METALLIC OR METALLISED REINFORCEMENT WHICH SURFACE IS COATED WITH A POLYBENZOXAZINE	(11) EP3446886 (21) EP17786041.8 (47) 26.08.2020 (87) JP2017015948 26.10.2017 (22) 20.04.2017 (54) TIRE
(32) 26.03.2009 01.04.2009 08.04.2009 08.04.2009 13.07.2009	(73) Compagnie Générale des Etablissements Michelin	(73) Bridgestone Corporation (72) KOUNO, Yoshihide
(33) Japan Japan Japan Japan	(72) FEDURCO, Milan RIBEZZO, Marco (31) 1660377 (32) 26.10.2016 (33) France	MATSUI, Kenji MATSUMOTO, Yoshifumi KON, Seiji (31) 2016086227 (32) 22.04.2016 (33) Japan
(51) B60C 1/00 (11) EP3057809 (21) EP14845853.2 (47) 26.08.2020 (87) US2014056368 26.03.2015 (22) 18.09.2014 (54) PRE-SWELLED GROUND TIRE RUBBER AND METHODS OF MAKING AND USING THE SAME	(51) B60C 1/00 C08F 8/30 C08F 8/42 C08F 236/04 C08K 3/04 C08K 3/36 C08L 9/00 C08L 47/00 (11) EP3536721 (21) EP18882303.3 (47) 26.08.2020 (87) KR2018015144 13.06.2019 (22) 30.11.2018 (54) MODIFIED CONJUGATED DIENE- BASED POLYMER AND RUBBER COMPOSITION COMPRISING SAME	(33) Japan (51) B60C 5/14 B60C 15/06 B60C 19/08 (11) EP3315321 (21) EP17193152.0 (47) 26.08.2020 (22) 26.09.2017 (54) PNEUMATIC TIRE (73) Sumitomo Rubber Industries, Ltd. (72) KUDO, Daisuke (31) 2016211160 (32) 28.10.2016 (33) Japan
(73) Innovative Polymer Solutions Inc. Polymer Consultants Inc. (72) BLYTH, Peter C. BANGS, David L. (31) 201314030779 (32) 18.09.2013 (33) United States of America	(73) LG Chem, Ltd. (72) LEE, Hyoung Woo KIM, Won Hee LEE, Seong Du (31) 20170165559 20180150921 (32) 05.12.2017 29.11.2018 (33) Korea (Republic) Korea (Republic)	(51) B60C 9/18 B60C 9/20 D07B 1/06 (11) EP3530485 (21) EP18212504.7 (47) 26.08.2020 (22) 14.12.2018 (54) PNEUMATIC TIRE (73) Sumitomo Rubber Industries, Ltd. (72) MAEDA, Yohei (31) 2018029567 (32) 22.02.2018 (33) Japan
(51) B60C 1/00 B60C 5/00 B60C 9/08 B60C 9/18 B60C 11/00 B60C 19/00 (11) EP3406461 (21) EP17879235.4 (47) 26.08.2020 (87) JP2017042349 14.06.2018 (22) 27.11.2017 (54) PNEUMATIC TIRE (73) Sumitomo Rubber Industries, Ltd. (72) NAKATANI, Masako KAWACHI, Takahiro YAMADA, Ayuko HORIGUCHI, Takuya HIRO, Masataka NAGASE, Takayuki ITO, Hiroshi KATO, Fumiya TOYA, Subaru	(51) B60C 1/00 C08L 9/00 C08L 9/06 (11) EP3380341 (21) EP16815584.4 (47) 26.08.2020 (87) FR2016052995 01.06.2017 (22) 17.11.2016 (54) TYRE PROVIDED WITH A TREAD COMPRISING A THERMOPLASTIC ELASTOMER AND A DIENE ELASTOMER (73) Compagnie Générale des Etablissements Michelin	(51) B60C 11/03 (11) EP3532315 (21) EP17791170.8 (47) 26.08.2020 (87) IB2017056272 03.05.2018 (22) 11.10.2017 (54) MOTORCYCLE TYRE (73) Pirelli Tyre S.p.A. (72) MARIANI, Mario PEREGO, Mirko Giovanni GALLO, Sandro (31) 201600109457 (32) 28.10.2016 (33) Italy
(31) 2016237853 (32) 07.12.2016 (33) Japan	(72) CROCHET, Aurore TRIGUEL, Aurélie (31) 1561303 (32) 24.11.2015 (33) France	(51) B60C 11/03 B60C 11/11 B60C 11/13 (11) EP3448697 (21) EP17724109.8 (47) 26.08.2020 (87) IB2017052221
(51) B60C 1/00 B60C 9/00 C08G 14/06 C08G 73/02 C08G 73/06 C09J 161/34	(51) B60C 3/04 B60C 5/00	

02.11.2017	VEHICLE TO BE COUPLED	OTANI, Akifumi
(22) 19.04.2017	TOGETHER	(31) 2015196909
(54) TYRE FOR MOTORCYCLE WHEELS	(73) JOST-Werke Deutschland GmbH	(32) 02.10.2015
(73) Pirelli Tyre S.p.A.	(72) GENHEIMER, Christian	(33) Japan
(72) SCHIAVOLIN, Andrea	RAAB, Dieter	(51) B60H 1/00
MISANI, Pierangelo	SAUPE, Swen	B60H 1/08
(31) UA20162926	ALGÜERA, José Manuel	B60H 1/32
(32) 27.04.2016	(31) 102016218603	B60K 11/02
(33) Italy	(32) 27.09.2016	(11) EP3121045
(51) B60C 11/03	(33) Germany	(21) EP15764039.2
B60C 11/12	(51) B60G 7/02	(47) 26.08.2020
(11) EP3489037	(11) EP3604002	(87) CN2015074767
(21) EP18205297.7	(21) EP19000350.9	24.09.2015
(47) 26.08.2020	(47) 26.08.2020	(22) 20.03.2015
(22) 09.11.2018	(22) 29.07.2019	(54) TEMPERATURE CONTROL SYSTEM
(54) TYRE	(54) DEVICE FOR POSITIONING A PART	AND ELECTRIC VEHICLE TO WHICH
(73) SUMITOMO RUBBER INDUSTRIES	(73) HSM GmbH & Co. KG	SAME APPLIES
LIMITED	(72) Sauermann, Johann	(73) Aleees Eco Ark (Cayman) Co., Ltd.
(72) WAKASUGI, Masashi	(31) 202018003606 U	(72) YANG, Anthony An-Tao
KAWASAKI, Yuzo	(32) 03.08.2018	CHEN, Gordon Ching
KAWANOUE, Takahiro	(33) Germany	(31) 201461968801 P
(31) 2017226868	(51) B60G 7/02	(32) 21.03.2014
2017247298	B60G 9/00	(33) United States of America
(32) 27.11.2017	F16F 1/387	(51) B60H 1/00
25.12.2017	(11) EP3386780	B60H 1/32
(33) Japan	(21) EP16825334.2	B60P 3/20
Japan	(47) 26.08.2020	F25D 11/00
(51) B60C 11/24	(87) EP2016080384	F25D 19/02
B60C 23/06	15.06.2017	(11) EP3452313
B60W 30/095	(22) 09.12.2016	(21) EP17720958.2
(11) EP3597452	(54) AXLE AND SUSPENSION SYSTEMS	(47) 26.08.2020
(21) EP19181558.8	(73) Hendrickson United Kingdom Ltd	(87) US2017028588
(47) 26.08.2020	(72) BABU, Sathya	09.11.2017
(22) 20.06.2019	WILSON, Nathan	(22) 20.04.2017
(54) METHOD AND DEVICE FOR	SECK, Gerhard	(54) REFRIGERATION UNIT HAVING
ESTIMATING A CURRENT	(31) 201521841	MOVABLE DIRECTIONAL ELEMENT
CIRCUMFERENCE OF AT LEAST ONE	(32) 11.12.2015	(73) Carrier Corporation
WHEEL LOCATED ON A VEHICLE	(33) United Kingdom	(72) CHOPKO, Robert A.
(73) Volkswagen AG	(51) B60G 17/005	BALISTRERI, Michael
(72) Hinz, Olaf	B60G 17/019	(31) 201662331757 P
Hufer, Laurens	B60G 21/073	(32) 04.05.2016
Lamping, Roy	(11) EP3366501	(33) United States of America
(31) 102018211804	(21) EP18156977.3	(51) B60H 1/00
(32) 16.07.2018	(47) 26.08.2020	C09K 5/04
(33) Germany	(22) 15.02.2018	C10M 171/00
(51) B60C 13/00	(54) SUSPENSION FOR A SELF-	(11) EP3388495
(11) EP3533634	PROPELLED AGRICULTURAL	(21) EP18164734.8
(21) EP19153344.7	SPRAYING VEHICLE AND METHOD	(47) 26.08.2020
(47) 26.08.2020	FOR ITS CONTROL.	(22) 03.03.2006
(22) 23.01.2019	(73) HORSCH LEEB Application Systems	(54) COMPOSITIONS COMPRISING A
(54) TYRE	GmbH	FLUOROOLEFIN
(73) Sumitomo Rubber Industries, Ltd.	(72) LEEB, Theodor	(73) The Chemours Company FC, LLC
(72) NAKAJIMA, Koichi	ZINK, Florian	(72) Rao, Velliyyur Nott Mallikarjuna
(31) 2018034036	(31) 102017103641	Minor, Barbara Haviland
(32) 28.02.2018	(32) 22.02.2017	(31) 658543 P
(33) Japan	(33) Germany	710439 P
(51) B60D 1/01	(51) B60G 21/055	732769 P
B60D 1/36	(11) EP3357724	(32) 04.03.2005
B60D 1/62	(21) EP16851798.5	23.08.2005
(11) EP3519212	(47) 26.08.2020	01.11.2005
(21) EP17772702.1	(87) JP2016078910	(33) United States of America
(47) 26.08.2020	06.04.2017	United States of America
(87) EP2017074369	(22) 29.09.2016	United States of America
05.04.2018	(54) STABILIZER FOR VEHICLE	(51) B60H 1/22
(22) 26.09.2017	(73) NHK Spring Co., Ltd.	F24H 3/04
(54) DEVICE FOR DETECTING THE	(72) SAKURAI, Yasuharu	F24H 9/18
POSITION OF A FIRST OR SECOND	KOSHITA, Yoshihiro	H05B 3/02
	NISHIKAWA, Akihiko	H05B 3/50

(11) EP3124889	(22) 26.03.2018	B60K 13/02
(21) EP15179380.9	(54) LIFTABLE VEHICLE ROOF	F02B 29/04
(47) 26.08.2020	(73) REIMO Reisemobil-Center GmbH	(11) EP3505736
(22) 31.07.2015	(72) Sterzing, Erik	(21) EP18201765.7
(54) ELECTRIC HEATING DEVICE AND HEATING OR AIR CONDITIONING FACILITY WITH SUCH AN ELECTRICAL HEATING DEVICE	(31) 102017106729	(47) 26.08.2020
(73) MAHLE International GmbH	(32) 29.03.2017	(22) 22.10.2018
(72) Cmelik, Alain	(33) Germany	(54) AIR GUIDE STRUCTURE OF VEHICLE
(51) B60H 1/22	(51) B60K 1/00	(73) Hanon Systems
F24H 3/04	F01P 3/00	Hyundai Motor Company
H05B 1/02	(11) EP3445600	Kia Motors Corporation
H05B 3/06	(21) EP17713251.1	(72) PARK, Dang-Hee
H05B 3/42	(47) 26.08.2020	LIM, Jung-Hyeok
H05B 3/50	(87) EP2017056941	LEE, Min-Young
H05B 3/84	26.10.2017	LEE, Seung-Hoon
(11) EP3569949	(22) 23.03.2017	YANG, Il-Suk
(21) EP18172718.1	(54) METHOD AND DEVICE FOR DETERMINING THE FLOW DIRECTION OF A COOLANT	JEONG, Sun-An
(47) 26.08.2020	(73) Robert Bosch GmbH	CHUN, Tae-Soo
(22) 16.05.2018	(72) WARWEL, Manuel	CHA, Yong-Kil
(54) HEATING DEVICE COMPRISING A FRAME FOR SECURING A HEATING ELEMENT BLOCK	(31) 102016206836	JEON, Seong-Oh
(73) Mahle International GmbH	(32) 22.04.2016	JO, A-Ra
(72) FEUGERE, Jacques	(33) Germany	(31) 20170183528
STOECKEL, Jérôme	(51) B60K 1/02	(32) 29.12.2017
(51) B60J 1/00	B60T 7/04	(33) Korea (Republic)
B60J 10/70	B60T 7/22	(51) B60K 13/04
(11) EP3233551	B60T 8/17	B67D 7/02
(21) EP15800860.7	B60T 11/21	B67D 7/04
(47) 26.08.2020	B60T 13/66	B67D 7/32
(87) EP2015077740	B62D 15/02	B67D 7/36
23.06.2016	(11) EP3409564	(11) EP3532329
(22) 26.11.2015	(21) EP18165076.3	(21) EP17795142.3
(54) POLYMER WINDOW WITH EXTRUDED SEALING PROFILE	(47) 26.08.2020	(47) 26.08.2020
(73) SAINT-GOBAIN GLASS FRANCE	(22) 29.03.2018	(87) US2017058016
(72) LUX, Thomas	(54) SYSTEM AND METHOD FOR PERFORMING PARALLEL PARKING MANUEVERS WITH SINGLE SIDE BRAKING	03.05.2018
SCHMIDT, Sebastian	(73) Robert Bosch GmbH	(22) 24.10.2017
WEISSENBERGER, Uwe	(72) Wu, Jin-Gen	(54) DEVICE FOR AVOIDING FRACTURE OF A CONTAINER WITH EXPANDABLE LIQUID
BUMANN, Stefan	Chang, Fu-Long	(73) Wayne Fueling Systems LLC
(31) 14198806	Bhadange, Ravikumar	(72) REITER, Jeffrey
(32) 18.12.2014	(31) 201715607790	SHELTON, Artemus, A.
(33) European Patent Office (EPO)	(32) 30.05.2017	(31) 201615334521
(51) B60J 1/20	(33) United States of America	(32) 26.10.2016
B60J 7/00	(51) B60K 6/12	(33) United States of America
(11) EP3041697	F15B 1/26	(51) B60K 15/03
(21) EP14757907.2	F16H 61/4096	B60K 15/035
(47) 26.08.2020	(11) EP3233552	F16K 24/04
(87) EP2014068091	(21) EP15805598.8	(11) EP3106341
12.03.2015	(47) 26.08.2020	(21) EP15748837.0
(22) 26.08.2014	(87) FR2015053130	(47) 26.08.2020
(54) WINDING DEVICE FOR A ROLLER BLIND ARRANGEMENT, ROLLER BLIND ARRANGEMENT AND ROOF ARRANGEMENT	23.06.2016	(87) JP2015053635
(73) Webasto SE	(22) 19.11.2015	20.08.2015
(72) SICHART, Thomas	(54) HYBRID MOTOR VEHICLE WITH A HYDRAULIC CIRCUIT COMPRISING A VERY-LOW-PRESSURE RESERVOIR PLACED UNDER NEGATIVE PRESSURE	(22) 10.02.2015
HERTEL, Johann	(73) Technoboost	(54) VALVE DEVICE
NOWAK, Manfred	(72) LE DREN, Arnaud	(73) Nifco Inc.
(31) 102013109708	YARCE, Andres	(72) OGOSE, Kensuke
(32) 05.09.2013	MAUREL, Stephane	(31) 2014024405
(33) Germany	(31) 1462639	(32) 12.02.2014
(51) B60J 7/16	(32) 17.12.2014	(33) Japan
(11) EP3381727	(33) France	(51) B60K 15/03
(21) EP18164035.0	(51) B60K 11/06	B60K 15/077
(47) 26.08.2020	B60K 11/08	(11) EP3450238
		(21) EP18194650.0
		(47) 26.08.2020
		(22) 04.08.2015
		(54) FAIL-SAFE CONTAINMENT DEVICE FOR CONTAINING VOLATILE FLUIDS
		(73) H2Safe, LLC
		(72) ABDI, Francis, F.

SURDENAS, Jonas	B60K 6/22	(22) 10.02.2012
TALAGANI, Mohamad, Reza	(11) EP3064392	(54) ELECTRIC AUTOMOBILE
(31) 201462068574 P	(21) EP15166403.4	(73) NTN Corporation
201562102087 P	(47) 26.08.2020	(72) OZAKI, Takayoshi
201562128493 P	(22) 05.05.2015	(31) 2011039856
(32) 24.10.2014	(54) CONTROLLING DEVICE FOR AN	(32) 25.02.2011
11.01.2015	INFORMATION DISPLAY SYSTEM	(33) Japan
04.03.2015	FOR DISPLAYING AN OPERATING	(51) B60L 15/20
(33) United States of America	CONDITION OF A HYBRID VEHICLE,	B66F 9/24
United States of America	METHOD AND COMPUTER PROGRAM	B66F 17/00
United States of America	(73) Volkswagen Aktiengesellschaft	H02P 29/00
(51) B60K 35/00	(72) Jun, Mi-Ran	H02P 29/50
B60K 37/06	(31) 102015001169	B60L 50/51
G02B 27/01	(32) 02.02.2015	B60L 50/52
G02B 27/02	(33) Germany	(11) EP3388281
G09G 5/00	(51) B60L 1/00	(21) EP18160748.2
H04N 5/64	B60L 8/00	(47) 26.08.2020
G06F 3/0481	B60L 9/22	(22) 12.04.2010
(11) EP3416159	B60L 9/30	(54) ELECTRIC-VEHICLE CONTROL
(21) EP17750003.0	B60L 15/00	DEVICE, AND ELECTRIC VEHICLE
(47) 26.08.2020	B60L 15/32	AND FORKLIFT TRUCK HAVING THE
(87) JP2017000242	B60L 15/38	SAME
17.08.2017	B60L 3/00	(73) Mitsubishi Logisnext Co., Ltd.
(22) 06.01.2017	B60L 50/15	(72) Umehara, Ryuichi
(54) IMAGE DISPLAY DEVICE AND IMAGE	B60L 50/51	Nakakita, Osamu
DISPLAY METHOD	B60L 50/60	Kawaguchi, Masataka
(73) Honda Motor Co., Ltd.	B60L 50/90	Honda, Toshiyuki
(72) TSUTSUMI Yojiro	B60L 58/18	Mizunuma, Wataru
(31) 2016025244	B60L 58/19	(31) 2009228331
(32) 12.02.2016	B60L 58/20	(32) 30.09.2009
(33) Japan	(11) EP3213952	(33) Japan
(51) B60K 35/00	(21) EP16158337.2	(51) B60L 15/20
B60R 16/02	(47) 26.08.2020	H02M 7/42
G01D 7/00	(22) 02.03.2016	H02P 6/12
(11) EP2868528	(54) ELECTRIC DRIVE SYSTEM FOR	H02P 21/22
(21) EP13808496.7	AN AIRCRAFT AND METHOD OF	B60L 3/00
(47) 26.08.2020	OPERATING SAME	B60L 50/51
(87) JP2013065524	(73) Airbus Operations GmbH	(11) EP2621079
03.01.2014	Airbus Defence and Space GmbH	(21) EP11826704.6
(22) 05.06.2013	(72) Wangemann, Jörg	(47) 26.08.2020
(54) VEHICLE DISPLAY DEVICE	Schult, Jens	(87) JP2011069913
(73) Nippon Seiki Co., Ltd.	(51) B60L 3/12	29.03.2012
(72) SATOH, Takumi	G01R 31/00	(22) 01.09.2011
KOBAYASHI, Masaru	H02J 7/00	(54) INVERTER CONTROL DEVICE AND
(31) 2012146914	H02J 7/10	INVERTER CONTROL METHOD
(32) 29.06.2012	G01R 31/36	(73) Nissan Motor Co., Ltd
(33) Japan	(11) EP3386061	(72) NAKAMURA, Toshiyuki
(51) B60K 35/00	(21) EP16870371.8	KAWAMURA, Hiromichi
G02B 27/01	(47) 26.08.2020	(31) 2010213311
G02B 27/09	(87) JP2016082664	(32) 24.09.2010
(11) EP3200006	08.06.2017	(33) Japan
(21) EP15844826.6	(22) 02.11.2016	(51) B60M 1/30
(47) 26.08.2020	(54) BATTERY CHARGING DEVICE,	(11) EP2851235
(87) JP2015076751	BATTERY CHARGING SYSTEM AND	(21) EP14185236.8
31.03.2016	BATTERY CHARGING METHOD	(47) 26.08.2020
(22) 18.09.2015	(73) Omron Corporation	(22) 17.09.2014
(54) HEAD-UP DISPLAY DEVICE	(72) TAKATSUKA, Hiromasa	(54) Device for the connection of power rail
(73) Nippon Seiki Co., Ltd.	KASAI, Kazuki	elements of a contact wire system
(72) MATSUURA, Kazuya	(31) 2015234858	(73) Rail Power Systems GmbH
KAWAI, Takeru	(32) 01.12.2015	(72) John, Andreas
HARUYAMA, Hiroteru	(33) Japan	(31) 102013015874
(31) 2014193281	(51) B60L 15/20	(32) 23.09.2013
2014193282	B60L 3/00	(33) Germany
(32) 24.09.2014	(11) EP2680436	(51) B60N 2/00
24.09.2014	(21) EP12748948.2	B60N 2/70
(33) Japan	(47) 26.08.2020	B60R 21/015
Japan	(87) JP2012053062	G01G 3/08
(51) B60K 37/06	30.08.2012	G01G 19/414

G01L 1/04	B60N 2/50	Germany
G01L 5/00	B60N 2/54	(51) B60N 2/38
(11) EP3267168	(11) EP3569443	B60N 2/42
(21) EP17177741.0	(21) EP19174147.9	B60N 2/50
(47) 26.08.2020	(47) 26.08.2020	B60N 2/52
(22) 23.06.2017	(22) 13.05.2019	B60N 2/66
(54) DEVICE CAPABLE OF DETECTING A BEARING FORCE	(54) VEHICLE SEAT WITH SUPPORTING STRUCTURE	B60N 2/68
(73) Crouzet Automatismes	(73) Grammer AG	B60N 2/70
(72) LAUGT, Dorian	(72) Haller, Erwin	(11) EP3055163
NIGUET, Ludovic	Irrgang, Andreas	(21) EP14852065.3
DUVALLET, Patrick	Krivenkov, Konstantin	(47) 26.08.2020
(31) 1656499	(31) 102018112004	(87) US2014058966
(32) 06.07.2016	(32) 18.05.2018	16.04.2015
(33) France	(33) Germany	(22) 03.10.2014
(51) B60N 2/02	(51) B60N 2/14	(54) A SEAT STRUCTURE
B60N 2/06	B60N 2/42	(73) Adient Luxembourg Holding S.à r.l.
B60N 2/34	B60R 22/00	(72) SEIBOLD, Kurt
B64D 11/06	(11) EP3519244	(31) 201361887564 P
(11) EP3495268	(21) EP17772708.8	(32) 07.10.2013
(21) EP18211771.3	(47) 26.08.2020	(33) United States of America
(47) 26.08.2020	(87) EP2017074428	(51) B60N 2/75
(22) 11.12.2018	05.04.2018	(11) EP3188929
(54) AIRCRAFT SEAT	(22) 27.09.2017	(21) EP16708339.3
(73) Optimares S.p.A.	(54) SEAT SYSTEM FOR A MOTOR VEHICLE	(47) 26.08.2020
(72) BRACA, Alessandro	(73) Bayerische Motoren Werke Aktiengesellschaft	(87) DE2016000039
MORSICANI, Alessio	(72) LATHWESEN, Harald	18.08.2016
GIORDANO, Andrea	BOESE, Andreas	(22) 09.02.2016
(31) 201700142230	FRANZ, Matthias	(54) ARMREST
(32) 11.12.2017	(31) 102016218795	(73) GRAMMER AG
(33) Italy	(32) 29.09.2016	(72) KELLER, Hubert
(51) B60N 2/02	(33) Germany	(31) 102015001551
B60N 2/39	(51) B60N 2/22	(32) 10.02.2015
B60N 2/42	B64D 11/06	(33) Germany
B60N 2/50	(11) EP3016860	(51) B60N 2/809
B60N 2/52	(21) EP14738753.4	B60N 2/818
(11) EP3569444	(47) 26.08.2020	B60N 2/897
(21) EP19174158.6	(87) EP2014063492	(11) EP3406482
(47) 26.08.2020	08.01.2015	(21) EP18165466.6
(22) 13.05.2019	(22) 26.06.2014	(47) 26.08.2020
(54) VEHICLE SEAT WITH A DAMPENING DEVICE	(54) AIRPLANE SEAT WITH AN ADJUSTING DEVICE	(22) 03.04.2018
(73) Grammer AG	(73) Lufthansa Technik AG	(54) HEADREST AND METHOD FOR MOUNTING THE SAME
(72) Haller, Erwin	(72) THOMASCHEWSKI, Oliver	(73) GRAMMER AG
Irrgang, Andreas	(31) 102013212976	(72) Nuss, Ralph
Krivenkov Dr., Konstantin	(32) 03.07.2013	(31) 102017004485
(31) 102018112019	(33) Germany	(32) 10.05.2017
(32) 18.05.2018	(51) B60N 2/859	(33) Germany
(33) Germany	(11) EP3486116	(51) B60N 2/809
(51) B60N 2/02	(21) EP17202705.4	B60N 2/818
B60N 2/39	(47) 26.08.2020	B60N 2/897
B60N 2/50	(22) 21.11.2017	(11) EP3406482
B60N 2/52	(54) MOTOR-VEHICLE SEAT	(21) EP18165466.6
B60N 2/54	(73) C.R.F. Società Consortile per Azioni	(47) 26.08.2020
(11) EP3572275	(72) PALMIERI, Raffaele	(22) 03.04.2018
(21) EP19174170.1	MASOERO, Giorgio Luigi	(54) HEADREST AND METHOD FOR MOUNTING THE SAME
(47) 26.08.2020	(51) B60N 3/00	(73) GRAMMER AG
(22) 13.05.2019	(11) EP3517359	(72) Nuss, Ralph
(54) VEHICLE SEAT	(21) EP19151966.9	(31) 102017004485
(73) Grammer AG	(47) 26.08.2020	(32) 10.05.2017
(72) Haller, Erwin	(22) 15.01.2019	(33) Germany
Irrgang, Andreas	(54) A STOWABLE TABLE ASSEMBLY FOR A VEHICLE	(51) B60N 2/859
Krivenkov, Konstantin	(73) Ford Global Technologies, LLC	(11) EP3486116
(31) 102018112036	(72) HOGGARTH, Marcus	(21) EP17202705.4
(32) 18.05.2018	DE SAULLES, Stephen	(47) 26.08.2020
(33) Germany	(31) 201801330	(22) 21.11.2017
(51) B60N 2/02		(54) MOTOR-VEHICLE SEAT
B60N 2/39		(73) C.R.F. Società Consortile per Azioni
		(72) PALMIERI, Raffaele
		MASOERO, Giorgio Luigi
		(51) B60N 3/00
		(11) EP3517359
		(21) EP19151966.9
		(47) 26.08.2020
		(22) 15.01.2019
		(54) A STOWABLE TABLE ASSEMBLY FOR A VEHICLE
		(73) Ford Global Technologies, LLC
		(72) HOGGARTH, Marcus
		DE SAULLES, Stephen
		(31) 201801330

(32) 26.01.2018	E04F 11/18	(21) EP16178254.5
(33) United Kingdom	(11) EP3468837	(47) 26.08.2020
(51) B60P 1/04	(21) EP17752414.7	(22) 06.07.2016
E02F 3/40	(47) 26.08.2020	(54) LIGHT MODULE FASTENING ASSEMBLY
(11) EP3359746	(87) GB2017052032	(73) Burton Technologies, LLC
(21) EP16853149.9	18.01.2018	(72) BURTON, John
(47) 26.08.2020	(22) 11.07.2017	(31) 201562189551 P
(87) FI2016050707	(54) BALUSTRADO APPARATUS	(32) 07.07.2015
13.04.2017	(73) Noohi, Kayvon	(33) United States of America
(22) 10.10.2016	(72) Noohi, Kayvon	(51) B60Q 1/26
(54) DEVICE FOR FILLING A BUCKET	(31) 201612060	B62D 35/00
(73) Tekno-Tuote S Mononen	(32) 12.07.2016	(11) EP3552878
(72) MONONEN, Sakari	(33) United Kingdom	(21) EP19159118.9
(31) 20150282	(51) B60P 7/08	(47) 26.08.2020
(32) 08.10.2015	B66C 1/12	(22) 25.02.2019
(33) Finland	B66C 1/18	(54) CASE STRUCTURE FOR REAR COMBINATION LAMP IN AUTOMOBILE
(51) B60P 1/43	(11) EP3533749	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
B60P 3/06	(21) EP19159929.9	TOYOTA JIDOSHA KYUSHU
B65G 69/30	(47) 26.08.2020	KABUSHIKI KAISHA
(11) EP3415363	(22) 28.02.2019	(72) TAKAHASHI, Yuki
(21) EP18177696.4	(54) PROTECTIVE ELEMENT FOR A LASHING OR ATTACHMENT MEANS	NISHIMURA, Atsushi
(47) 26.08.2020	(73) SpanSet GmbH & Co. KG	TOMATSU, Nobuyuki
(22) 14.06.2018	(72) Schmitz, Ralf	IIDA, Hideaki
(54) A VEHICLE COMPRISING A PLATFORM FOR LOADING/ UNLOADING	(31) 102018104548	YAMASHITA, Yuya
(73) Cox Group B.V.	(32) 28.02.2018	HISATOMI, Kunikatsu
(72) COX, René Gerard Marie	(33) Germany	YAMADA, Koushi
(31) 2019083	(51) B60Q 1/00	KASAI, Yoichiro
(32) 16.06.2017	B60Q 1/20	(31) 2018033573
(33) Netherlands	G01K 7/02	(32) 27.02.2018
(51) B60P 3/035	H05B 33/08	(33) Japan
B60P 3/40	H05B 45/50	(51) B60R 1/072
B60P 7/06	H05B 47/10	F03G 7/06
B60P 7/08	(11) EP3389340	(11) EP3092406
B60P 7/12	(21) EP17382203.2	(21) EP14815065.9
(11) EP3251893	(47) 26.08.2020	(47) 26.08.2020
(21) EP17172572.4	(22) 13.04.2017	(87) IB2014066767
(47) 26.08.2020	(54) AUTOMOTIVE LAMP WITH COMPENSATION OF THE LUMINOUS FLUX OF THE LIGHT SOURCE	18.06.2015
(22) 23.05.2017	(73) VALEO ILUMINACION	(22) 10.12.2014
(54) CONVERTIBLE SUPPORT STRUCTURES FOR SHIPPING LARGE MACHINERY	(72) PENA, Miguel-Angel	(54) ACTUATING DEVICE FOR A REAR VIEW DEVICE OF A MOTOR VEHICLE AND REAR VIEW DEVICE FOR A MOTOR VEHICLE
(73) General Electric Company	CALMAESTRA, Manuel	(73) SMR Patents S.à.r.l.
(72) DEMIANOVICH, Nicholas	ILLAN, Antonio Domingo	(72) WIECZOREK, Romeo
VENUGOPALSETTY, Dinesh	SANTAELLA, Juan-Jose	(31) 13197262
MILLS, Jeffrey Patrick	CANTUDO, Miguel Angel	(32) 13.12.2013
ASANI, Likhith Reddy	(51) B60Q 1/00	(33) European Patent Office (EPO)
(31) 201615169974	F21V 8/00	(51) B60R 11/02
(32) 01.06.2016	F21S 41/24	H03G 3/32
(33) United States of America	F21S 43/237	(11) EP2744106
(51) B60P 3/075	F21S 43/245	(21) EP13188683.0
(11) EP3609740	F21S 43/251	(47) 26.08.2020
(21) EP19700194.4	(11) EP2955062	(22) 15.10.2013
(47) 26.08.2020	(21) EP15171346.8	(54) Device and method for the automatic adjustment of the sound volume in a vehicle interior
(87) EP2019050009	(47) 26.08.2020	(73) Robert Bosch GmbH
11.07.2019	(22) 10.06.2015	(72) Hoetzer, Dieter
(22) 02.01.2019	(54) ILLUMINATION DEVICE FOR A VEHICLE	Krautter, Wolfgang
(54) DEVICE FOR SUPPORTING A TWO-WHEELED VEHICLE ON A STRUCTURAL PART	(73) ZKW Group GmbH	(31) 102012223320
(73) Kölbl, Ronny	(72) Faffelberger, Anton	(32) 17.12.2012
(31) 202018100033 U	(31) 504032014	(33) Germany
(32) 03.01.2018	(32) 11.06.2014	(51) B60R 11/04
(33) Germany	(33) Austria	(11) EP3498537
(51) B60P 3/34	(51) B60Q 1/068	(21) EP17206723.3
E04B 1/00	F16B 5/02	(47) 26.08.2020
	F16B 5/06	
	F16B 21/16	
(11) EP3115621		

(22) 12.12.2017	(54) CONTROL DEVICE FOR A GEARBOX	(47) 26.08.2020
(54) FLEXIBLE LIGHT BLOCKING ELEMENT	CONTROL SYSTEM OF A MOTOR	(22) 19.03.2019
(73) Veoneer Sweden AB	VEHICLE	(54) SEAT ASSEMBLY, SEATBELT
(72) PERSSON, Madeleine	(73) Robert Bosch GmbH	SECURITY SYSTEM, AND METHOD
LINGEHED, Vincent	(72) MICHEL, Heiko	(73) The Boeing Company
(51) B60R 13/02	WETZEL, Gerhard	(72) CHENGALVA, Mahesh K.
F16B 5/00	BERGER, Torsten	(31) 201815956560
F16B 21/07	(31) 102015221149	(32) 18.04.2018
(11) EP3521641	(32) 29.10.2015	(33) United States of America
(21) EP18155099.7	(33) Germany	(51) B60R 25/24
(47) 26.08.2020	(51) B60R 16/023	G07C 9/00
(22) 05.02.2018	H04L 12/24	(11) EP3473502
(54) VEHICLE HEADLINER ATTACHMENT	H04L 29/06	(21) EP17197146.8
(73) Ford Global Technologies, LLC	H04L 29/08	(47) 26.08.2020
(72) AYATA, Adnan	(11) EP2909065	(22) 18.10.2017
ALDIG, Gökhan	(21) EP13847130.5	(54) PASSIVE KEYLESS ENTRY SYSTEM
(51) B60R 13/08	(47) 26.08.2020	FOR PREVENTING RELAY ATTACKS
F16B 2/24	(87) IL2013050838	(73) NXP B.V.
F16B 5/06	24.04.2014	(72) Gustin, Matjaz
F16B 21/08	(22) 17.10.2013	(51) B60S 1/04
(11) EP3374646	(54) A DEVICE FOR DETECTION AND	(11) EP3412522
(21) EP17794242.2	PREVENTION OF AN ATTACK ON A	(21) EP18173733.9
(47) 26.08.2020	VEHICLE	(47) 26.08.2020
(87) EP2017076523	(73) Tower-Sec Ltd.	(22) 23.05.2018
26.04.2018	(72) RUVIO, Guy	(54) DEVICE FOR HOLDING A LINKAGE
(22) 17.10.2017	DICKMAN, Saar Yaacov	OF A WIPING MECHANISM, LINKAGE
(54) SYSTEM FOR FASTENING A PLANAR	WEISGLASS, Yuval	BEARING, ASSOCIATED LINKAGE
ELEMENT TO A COMPONENT AND	(31) 201261795426 P	SUBASSEMBLY AND LINKAGE, AND
FASTENING CLIP FOR USE IN SUCH A	(32) 17.10.2012	METHOD FOR PLACING A HOLDING
SYSTEM	(33) United States of America	DEVICE ON A LINKAGE
(73) Charlotte Baur Formschaumtechnik	(51) B60R 16/03	(73) Valeo Systèmes d'Essuyage
GmbH	H02J 1/14	(72) VIARD, Robin
(72) SPITZER, David	(11) EP3256347	RENOUX, Pascal
DEMEL, Otto	(21) EP16706147.2	KUCHLY, Nicolas
ENDRES, Markus	(47) 26.08.2020	(31) 1754965
GERHARDT, Michael	(87) EP2016052683	(32) 05.06.2017
(31) 202016008380 U	18.08.2016	(33) France
(32) 20.10.2016	(22) 09.02.2016	(51) B60S 1/04
(33) Germany	(54) METHOD FOR CONTROLLING A	B60S 1/52
(51) B60R 16/02	LOAD OF A LOW-VOLTAGE VEHICLE	(11) EP3056395
H02G 3/22	ELECTRICAL SYSTEM	(21) EP16154298.0
(11) EP3266083	(73) Volkswagen Aktiengesellschaft	(47) 26.08.2020
(21) EP15823509.3	(72) BÜHRING, Kai	(22) 04.02.2016
(47) 26.08.2020	(31) 102015202453	(54) WINDSCREEN-WIPER BLADE FOR A
(87) EP2015080989	(32) 11.02.2015	GLASS PANEL OF A VEHICLE WITH
09.09.2016	(33) Germany	ADAPTED NOZZLE DENSITY
(22) 22.12.2015	(51) B60R 16/033	(73) Valeo Systèmes d'Essuyage
(54) SEALING GROMMET AND CABLE	H02J 1/06	(72) THEBAULT, Denis
FEEDTHROUGH COMPRISING A	H02J 7/34	(31) 1551245
SEALING GROMMET	H02J 7/35	(32) 16.02.2015
(73) LEONI Bordnetz-Systeme GmbH	B60L 50/16	(33) France
(72) KÄFER, Bernd	B60L 50/40	(51) B60S 1/04
GRÖTSCH, Matthias	(11) EP2079148	H05B 3/84
HEIN, Gerhard	(21) EP09150314.4	(11) EP3257327
SAUDER, Jörg	(47) 26.08.2020	(21) EP16702269.8
(31) 202015101017 U	(22) 09.01.2009	(47) 26.08.2020
(32) 03.03.2015	(54) Electric circuit	(87) US2016013179
(33) Germany	(73) PSA Automobiles SA	18.08.2016
(51) B60R 16/023	(72) Rolland, Guillaume	(22) 13.01.2016
F16H 61/00	(31) 0850099	(54) HEATER FOR WINDSHIELD WIPER
H05K 5/00	(32) 09.01.2008	PARK POSITION
H05K 7/20	(33) France	(73) Illinois Tool Works Inc.
(11) EP3369296	(51) B60R 21/00	(72) BULGAJEWSKI, Edward F.
(21) EP16760711.8	B60R 21/015	SLIWA, Piotr
(47) 26.08.2020	B60R 22/48	(31) 201562116036 P
(87) EP2016070859	B64D 11/06	(32) 13.02.2015
04.05.2017	(11) EP3556657	(33) United States of America
(22) 05.09.2016	(21) EP19163602.6	



(51) B60S 1/08 H02K 29/08	29.08.2017	(33) Germany
(11) EP2123522	(33) United States of America	(51) B60T 8/26
(21) EP09160405.8	United States of America	B62L 3/08
(47) 26.08.2020	(51) B60T 8/17	(11) EP3604057
(22) 15.05.2009	B60T 8/1766	(21) EP19189587.9
(54) Electromotive auxiliary drive, particularly a wiper motor	(11) EP3303075	(47) 26.08.2020
(73) Valeo Systèmes d'Essuyage	(21) EP16723653.8	(22) 01.08.2019
(72) Dietz, Benjamin	(47) 26.08.2020	(54) VEHICLE BRAKE SYSTEM AND VEHICLE INCLUDING SAME BRAKE SYSTEM
Bürkle, Jörg	(87) EP2016000667	(73) YAMAHA HATSUDOKI KABUSHIKI
Schmid, Bernd	01.12.2016	KAISHA
Högler, Eberhard	(22) 26.02.2016	(72) KIKUCHI, Yuta
(31) 102008024356	(54) METHOD AND DEVICE FOR ELECTRONICALLY CONTROLLING A	SAGANE, Kazunari
(32) 20.05.2008	VEHICLE DECELERATION IN AN ABS	TOZUKA, Kenya
(33) Germany	BRAKING SYSTEM	(31) 2018146025
(51) B60S 1/38	(73) WABCO GmbH	(32) 02.08.2018
B60S 1/52	(72) BOETHEL, Andreas	(33) Japan
(11) EP3498547	ECKERT, Horst	(51) B60T 8/40
(21) EP19155168.8	WALLBAUM, Torsten	(11) EP3436320
(47) 26.08.2020	(31) 102015006738	(21) EP17705384.0
(22) 31.07.2008	(32) 23.05.2015	(47) 26.08.2020
(54) WINDSCREEN WIPER WITH PROJECTION OF LIQUID FOR WINDSCREENS OF A VEHICLE	(33) Germany	(87) EP2017053340
(73) Valeo Systèmes d'Essuyage	(51) B60T 8/17	05.10.2017
(72) JARASSON, Jean-Michel	B60T 8/32	(22) 15.02.2017
CAILLOT, Gérald	(11) EP3275742	(54) BRAKING FORCE SIMULATOR FOR A MOTOR VEHICLE
IZABEL, Vincent	(21) EP16706904.6	(73) Robert Bosch GmbH
(31) 0706336	(47) 26.08.2020	(72) HANSMANN, Simon
(32) 10.09.2007	(87) IB2016050515	KUNZ, Armin
(33) France	29.09.2016	KISTNER, Matthias
(51) B60S 1/38	(22) 02.02.2016	HASLSTEINER, Juergen
B60S 1/52	(54) HYDRAULIC APPARATUS AND CONTROL METHOD FOR HYDRAULIC APPARATUS	(31) 102016205407
(11) EP2534018	(73) Robert Bosch GmbH	(32) 01.04.2016
(21) EP11705156.5	(72) OSHIDA, Yuki	(33) Germany
(47) 26.08.2020	ONO, Shunsaku	(51) B60T 13/66
(87) EP2011000595	(31) 2015062435	B60T 15/14
18.08.2011	(32) 25.03.2015	B60T 17/22
(22) 09.02.2011	(33) Japan	(11) EP3554904
(54) WIPER DEVICE FOR VEHICLE WINDOWS AND WIPER BLADE WITH A HEATING ARRANGEMENT	(51) B60T 8/172	(21) EP16843244.1
(73) Valeo Wischersysteme GmbH	(11) EP3600985	(47) 26.08.2020
(72) SCHÄUBLE, Michael	(21) EP17788316.2	(87) US2016067193
WONDRATSCHKE, Frank	(47) 26.08.2020	21.06.2018
EGNER-WALTER, Bruno	(87) JP2017035082	(22) 16.12.2016
(31) 102010007557	27.09.2018	(54) INTELLIGENT LOCOMOTIVE BRAKE CONTROL SYSTEM
(32) 10.02.2010	(22) 21.09.2017	(73) New York Air Brake, LLC
(33) Germany	(54) SYSTEM AND METHOD FOR CALIBRATING TIRE OF VEHICLE	(72) WRIGHT, Eric, C.
(51) B60S 9/02	(73) Mitsubishi Electric Corporation	REYNOLDS, John M.
B66F 3/46	(72) BERNTORP, Karl	(51) B60T 15/50
(11) EP3390174	DI CAIRANO, Stefano	G05D 16/10
(21) EP17842436.2	(31) 201715467141	(11) EP3556621
(47) 26.08.2020	(32) 23.03.2017	(21) EP19164716.3
(87) US2017059920	(33) United States of America	(47) 26.08.2020
11.05.2018	(51) B60T 8/1755	(22) 22.03.2019
(22) 03.11.2017	(11) EP3134301	(54) PRESSURE LIMITATION VALVE
(54) PLATFORM TWIST DETECTION AND MITIGATION METHOD AND APPARATUS	(21) EP15719648.6	(73) WABCO Europe BVBA
(73) Lippert Components Inc.	(47) 26.08.2020	(72) KROCZEK, Piotr
(72) COLLIN, Matthew, A.	(87) EP2015058580	(31) 102018108976
FORD, Robert	29.10.2015	(32) 16.04.2018
MANFREDA, John	(22) 21.04.2015	(33) Germany
(31) 201662417522 P	(54) ASCERTAINING AN OFFSET OF AN INERTIAL SENSOR	(51) B60W 10/02
201762551331 P	(73) Continental Teves AG & Co. OHG	B60W 10/06
(32) 04.11.2016	(72) ZHANG, Chen	F16D 48/06
	LEVRIER, Julien	F16H 61/688
	(31) 102014207628	B60W 10/113
	(32) 23.04.2014	B60W 30/19

B60W 30/182	(51) B60W 10/06	(21) EP16175535.0
(11) EP3139069	B60W 10/08	(47) 26.08.2020
(21) EP16187097.7	B60W 10/26	(22) 21.06.2016
(47) 26.08.2020	B60K 6/48	(54) VEHICLE WITH SANDWICH-TYPE SHEET COMPONENT
(22) 02.09.2016	B60W 20/00	(73) Bombardier Transportation GmbH
(54) CONTROL METHOD FOR CARRYING OUT A GEAR SHIFT IN A TRANSMISSION PROVIDED WITH A DUAL-CLUTCH GEARBOX	B60W 20/13	(72) Lange, Ronald
(73) FERRARI S.p.A.	B60W 20/40	Pretze, Denni
(72) BARONE, Alessandro	(11) EP3112233	Lindner, Jens
PRINA, Barbara	(21) EP15190837.3	Schneider, Sven
MARCIGLIANO, Francesco	(47) 26.08.2020	(31) 102015211558
(31) UB20153395	(22) 21.10.2015	(32) 23.06.2015
(32) 03.09.2015	(54) DEVICE AND METHOD FOR CONTROLLING RUNNING MODE OF HYBRID ELECTRIC VEHICLE	(33) Germany
(33) Italy	(73) Kia Motors Corporation	(51) B61D 19/00
(51) B60W 10/04	Hyundai Motor Company	B61D 19/02
B60W 10/06	(72) PARK, Joonyoung	B61D 35/00
F01N 3/023	KIM, Sang Joon	(11) EP3259166
F02B 33/40	OH, Jonghan	(21) EP16717903.5
F02B 37/04	KIM, Yong Seok	(47) 26.08.2020
F02B 37/10	(31) 20150092457	(87) EP2016058563
F02B 37/14	(32) 29.06.2015	03.11.2016
F02B 37/18	(33) Korea (Republic)	(22) 18.04.2016
F02B 37/24	(51) B60W 10/06	(54) CABIN WITH ROTATABLE CABIN DOOR FOR A VEHICLE
F02B 39/10	F16H 59/24	(73) Siemens Mobility GmbH
F02D 41/00	F16H 59/36	(72) SCHATTON, Christopher
F02D 41/02	F16H 59/44	(31) 102015208075
F02D 41/06	F16H 59/62	(32) 30.04.2015
F02D 41/14	F16H 61/662	(33) Germany
B60K 6/24	B60W 10/107	(51) B61K 9/08
B60K 6/48	B60W 30/188	B61L 23/04
B60K 6/485	B60W 50/08	G01B 11/24
B60W 20/00	(11) EP3099961	(11) EP2908092
B60W 20/16	(21) EP15703633.6	(21) EP15157071.0
(11) EP3194744	(47) 26.08.2020	(47) 26.08.2020
(21) EP15718559.6	(87) IB2015050797	(22) 31.12.2010
(47) 26.08.2020	06.08.2015	(54) Train with optical measuring implement
(87) FR2015050958	(22) 02.02.2015	(73) VolkerRail Nederland B.V.
24.03.2016	(54) CONTINUOUSLY VARIABLE TRANSMISSION AND VEHICLE CONTROL METHODS	(72) Schoone, Clemens
(22) 09.04.2015	(73) BRP-Rotax GmbH & Co. KG	(31) 2004043
(54) METHOD TO CONTROL A POWERTRAIN EQUIPPED WITH AN ELECTRICAL COMPRESSOR	(72) ROLAND, Guenther	(32) 31.12.2009
(73) Renault s.a.s.	STIEBINGER, Christian	(33) Netherlands
(72) TALON, Vincent	(31) 201461934498 P	(51) B61L 7/08
BORDET, Nicolas	(32) 31.01.2014	B61L 19/14
(31) 1458675	(33) United States of America	G05B 9/03
(32) 15.09.2014	(51) B60W 30/14	(11) EP2786913
(33) France	G08G 1/16	(21) EP13162406.6
(51) B60W 10/06	B60W 30/16	(47) 26.08.2020
B60W 10/08	(11) EP3594078	(22) 04.04.2013
B60K 6/48	(21) EP19181374.0	(54) Switch point machine management unit
B60K 6/54	(47) 26.08.2020	(73) ALSTOM Transport Technologies
B60W 20/00	(22) 19.06.2019	(72) Bachetti, Vittorio
(11) EP2631135	(54) METHOD FOR OPERATING A DRIVER ASSISTANCE SYSTEM OF A MOTOR VEHICLE AND MOTOR VEHICLE	Motta, Sara
(21) EP11834347.4	(73) Audi AG	(51) B62B 3/00
(47) 26.08.2020	(72) Stadler, Michael	B64D 11/00
(87) JP2011073915	(31) 102018211590	B64D 11/04
26.04.2012	(32) 12.07.2018	(11) EP3388340
(22) 18.10.2011	(33) Germany	(21) EP18167199.1
(54) HYBRID VEHICLE CONTROL DEVICE	(51) B61D 17/04	(47) 26.08.2020
(73) Nissan Motor Co., Ltd	B61D 17/10	(22) 13.04.2018
(72) TAKAMURA, Yutaka	B61D 17/12	(54) MEAL/BEVERAGE TROLLEY CONVERTIBLE TO WASTE TROLLEY
YAMAMURA, Yoshinori	B61D 17/18	(73) Driessen Aerospace Group N.V.
(31) 2010234425	B62D 27/00	(72) Beets, Peter Hendrik van Son, Allard Niels
(32) 19.10.2010	(11) EP3109123	Kok, Lyla Maria
(33) Japan		(31) 201762485424 P
		(32) 14.04.2017

(33) United States of America	H02K 11/02	BOKELOH, Jan
(51) B62B 3/06	H02K 11/33	FLOER, Michael
(11) EP3266673	(11) EP3141459	(31) 102016220719
(21) EP17179404.3	(21) EP14891311.4	(32) 21.10.2016
(47) 26.08.2020	(47) 26.08.2020	(33) Germany
(22) 03.07.2017	(87) JP2014062343	(51) B62D 35/00
(54) AUTOMATED LOAD HANDLING FOR INDUSTRIAL VEHICLE	12.11.2015	B62D 65/02
(73) Hyster-Yale Group, Inc.	(22) 08.05.2014	B62D 65/16
(72) HOFFMAN, Matthew K.	(54) ELECTRIC POWER STEERING DEVICE	(11) EP3489118
(31) 201615203681	(73) Mitsubishi Electric Corporation	(21) EP18207868.3
(32) 06.07.2016	(72) ASAO, Yoshihito	(47) 26.08.2020
(33) United States of America	MORI, Akihiko	(22) 22.11.2018
(51) B62D 1/28	(51) B62D 5/24	(54) DEVICE FOR ADJUSTING THE POSITION OF A SPOILER MOUNTED ON A MOTOR VEHICLE
B62D 5/04	F16H 25/22	(73) RENAULT s.a.s.
(11) EP3473527	F16H 25/24	(72) GUERLIN, Philippe
(21) EP16907766.6	F16J 15/32	(31) 1761133
(47) 26.08.2020	(11) EP3392526	(32) 24.11.2017
(87) CN2016088559	(21) EP17275056.4	(33) France
11.01.2018	(47) 26.08.2020	(51) B62H 1/08
(22) 05.07.2016	(22) 21.04.2017	B62H 3/10
(54) STEERING CONTROL METHOD AND SYSTEM OF SELF-DRIVING VEHICLE	(54) HYBRID BALLSCREW SEAL	B62H 5/10
(73) Uisee Technologies (Beijing) Ltd	(73) Goodrich Actuation Systems Limited	(11) EP3549849
(72) JIANG, Yan	(72) DAVIES, Steve	(21) EP19166640.3
PENG, Jinzhan	(51) B62D 7/14	(47) 26.08.2020
ZHOU, Xin	B62D 13/04	(22) 01.04.2019
ZHANG, Dan	(11) EP3253645	(54) ANTI-THEFT DEVICE FOR A BICYCLE
ZHOU, Xiaocheng	(21) EP16703287.9	(73) Design et Mecanique
LUO, Sai	(47) 26.08.2020	(72) HARRIS, Alistair
(51) B62D 5/04	(87) EP2016052324	(31) 1852999
B62D 6/00	11.08.2016	(32) 06.04.2018
(11) EP3310640	(22) 04.02.2016	(33) France
(21) EP16741086.9	(54) STEERING STABILIZING MEANS	(51) B62H 5/00
(47) 26.08.2020	(73) SAF-HOLLAND GmbH	E05B 71/00
(87) FR2016051478	(72) KHOURY, Jean	B62J 11/00
22.12.2016	(31) 102015202191	(11) EP3412543
(22) 17.06.2016	(32) 06.02.2015	(21) EP18170955.1
(54) USE OF A PHASE-LEAD FILTER TO SEPARATE THE SETTING OF STEERING FEEL FROM THE SETTING OF CONTROL STABILITY FOR A POWER STEERING	(33) Germany	(47) 26.08.2020
(73) JTEKT Europe	(51) B62D 21/15	(22) 07.05.2018
(72) MOULAIRE, Pascal	B62D 25/04	(54) BICYCLE LOCK HOLDER ARRANGEMENT
PELTIER, Hervé	(11) EP3519278	(73) ABUS August Bremicker Söhne KG
THIERY, Arnaud	(21) EP17777549.1	(31) 202017103486 U
SLAMA, Tahar	(47) 26.08.2020	(32) 09.06.2017
(31) 1555640	(87) EP2017074252	(33) Germany
(32) 19.06.2015	05.04.2018	(51) B62K 3/00
(33) France	(22) 25.09.2017	B62K 5/06
(51) B62D 5/04	(54) STRUCTURAL COMPONENT FOR A MOTOR VEHICLE BODY	B62M 6/60
B62D 15/02	(73) Muhr und Bender KG	B62K 5/027
B60W 30/09	(72) WALCH, Johannes	B62K 5/10
(11) EP3556639	STEIN, Michael	(11) EP3256372
(21) EP19163819.6	STEFFENS, Hubertus	(21) EP16749744.5
(47) 26.08.2020	(31) 102016118366	(47) 26.08.2020
(22) 19.03.2019	(32) 28.09.2016	(87) US2016017205
(54) SWITCHING OF AN INTERFERENCE SIGNAL FOR MANAGEMENT VARIABLES IN CASCADE CONTROL	(33) Germany	18.08.2016
(73) ZF Friedrichshafen AG	(51) B62D 25/02	(22) 09.02.2016
(72) Münch, Eckehard	B62D 25/04	(54) SCOOTER WITH ROTATIONAL CONNECTION
(31) 102018206089	B62D 25/08	(73) Razor USA LLC
(32) 20.04.2018	(11) EP3529132	(72) DESBERG, Ian
(33) Germany	(21) EP17781475.3	GRIGGS, William
(51) B62D 5/04	(47) 26.08.2020	(31) 201562114766 P
B62D 5/04	(87) EP2017075809	(32) 11.02.2015
	26.04.2018	(33) United States of America
	(22) 10.10.2017	(51) B62K 5/06
	(54) FRONT STRUCTURE OF A VEHICLE	B62K 11/04
	(73) Bayerische Motoren Werke Aktiengesellschaft	
	(72) KIESMÜLLER, Ralf	
	STEIN, Michael	

B62K 25/04	(33) United States of America	(21) EP17817084.1
B62K 25/08	(51) B62K 21/12	(47) 26.08.2020
B62K 25/18	B62K 21/26	(87) IB2017001498
B62K 5/027	(11) EP2881314	17.05.2018
B62K 5/05	(21) EP14194753.1	(22) 10.11.2017
(11) EP3459833	(47) 26.08.2020	(54) SEAWATER INTAKE RISER
(21) EP17845469.0	(22) 25.11.2014	INTERFACE WITH VESSEL HULL
(47) 26.08.2020	(54) Bicycle hand grip	(73) Single Buoy Moorings, Inc.
(87) CN2017099789	(73) Ergon International GmbH	(72) ODORICO, Julien
08.03.2018	(72) Krause, Andreas	POLLACK, Jack
(22) 31.08.2017	(31) 202013009870 U	(31) 201662420188 P
(54) SUPPORT STRUCTURE OF REVERSE	(32) 03.12.2013	(32) 10.11.2016
TRICYCLE	(33) Germany	(33) United States of America
(73) Zhejiang Langxiang Industrial Co., Ltd.	(51) B62M 6/45	(51) B63B 27/10
(72) CAO, Zhipeng	B62M 6/55	B66D 1/26
TUO, Weitao	(11) EP3486154	B66D 1/38
WANG, Qian	(21) EP18202271.5	(11) EP3532426
(31) 201610778317	(47) 26.08.2020	(21) EP17792215.0
(32) 31.08.2016	(22) 24.10.2018	(47) 26.08.2020
(33) China	(54) HYBRID DRIVE FOR AN ELECTRIC	(87) NL2017050694
(51) B62K 5/08	BICYCLE	03.05.2018
B62K 19/20	(73) Brose Antriebstechnik GmbH & Co.	(22) 24.10.2017
B62K 19/32	Kommanditgesellschaft, Berlin	(54) ROPE HANDLING SYSTEM, VESSEL
B62K 5/02	(72) HOPPACH, Elmar	PROVIDED WITH SUCH A ROPE
B62K 5/027	(31) 102017219398	HANDLING SYSTEM AND METHOD OF
B62K 5/05	(32) 27.10.2017	HANDLING SYNTHETIC ROPE
B62K 5/10	(33) Germany	(73) Itrec B.V.
(11) EP3372481	(51) B62M 7/02	(72) ROODENBURG, Joop
(21) EP18160496.8	F01L 1/24	(31) 2017674
(47) 26.08.2020	F01L 1/344	(32) 25.10.2016
(22) 07.03.2018	F01M 1/02	(33) Netherlands
(54) VEHICLE	F01M 1/12	(51) B63C 7/00
(73) Yamaha Hatsudoki Kabushiki Kaisha	F01M 11/02	B63C 11/52
(72) MITSUOKA, Ryuta	F02F 7/00	E02B 3/02
(31) 2017042842	F16H 7/08	E02F 5/28
(32) 07.03.2017	F16H 57/02	(11) EP3480105
(33) Japan	F16H 57/04	(21) EP18198939.3
(51) B62K 11/04	(11) EP3364002	(47) 26.08.2020
B62M 7/04	(21) EP16855534.0	(22) 05.10.2018
F02B 61/02	(47) 26.08.2020	(54) METHOD AND APPARATUS FOR
F02P 3/00	(87) JP2016080557	COVERING AN OBJECT ON A
F02P 7/02	20.04.2017	BOTTOM SURFACE
F02P 13/00	(22) 14.10.2016	(73) Sea-Craft Support Jerry Edvardsson
F02P 15/00	(54) DRIVE UNIT FOR STRADDLED	(72) Edvardsson, Jerry
(11) EP3364017	VEHICLES	(31) 1751371
(21) EP18157421.1	(73) Yamaha Hatsudoki Kabushiki Kaisha	(32) 06.11.2017
(47) 26.08.2020	(72) KOBAYASHI, Makoto	(33) Sweden
(22) 19.02.2018	(31) 2015204557	(51) B63H 5/125
(54) STRADDLED VEHICLE	(32) 16.10.2015	G01L 5/12
(73) Yamaha Hatsudoki Kabushiki Kaisha	(33) Japan	(11) EP3428055
(72) YAGI, Kyohei	(51) B63B 7/08	(21) EP17305905.6
(31) 2017029178	(11) EP3403912	(47) 26.08.2020
(32) 20.02.2017	(21) EP18169877.0	(22) 11.07.2017
(33) Japan	(47) 26.08.2020	(54) METHOD AND DEVICE FOR
(51) B62K 19/30	(22) 27.04.2018	DETERMINING THE DIRECTION
B62K 25/02	(54) DEMOUNTABLE FLOORBOARD FOR	AND THE AMPLITUDE OF A FORCE
B62M 9/125	INFLATABLE BOAT AND INFLATABLE	APPLIED TO A PROPULSION POD OF
(11) EP3543107	BOAT HAVING THE SAME	A BOAT
(21) EP19000121.4	(73) Golitsin, Aleksandr Borisovich	(73) AETC SAPPHIRE
(47) 26.08.2020	(72) Golitsin, Aleksandr Borisovich	(72) BRY, Jean-Jacques
(22) 11.03.2019	(31) 2017117203	VINCENT, Loic
(54) DRIVE ARRANGEMENT FOR A	(32) 17.05.2017	JULLIAND, Lionel
BICYCLE	(33) Russian Federation	HUMBERT, Pierre
(73) SRAM Deutschland GmbH	(51) B63B 13/02	HEMMELMANN, Jan
(72) Braedt, Henrik	B63J 2/12	(51) B63H 20/32
Hanke, Joachim	B63J 2/14	B63H 21/21
(31) 201815926826	(11) EP3538426	F02B 61/04
(32) 20.03.2018		F02D 37/02

(11) EP3360776	SCHROEDER, Ian E	(54) ROTOR ASSEMBLY WITH HIGH LOCK-
(21) EP18155235.7	INOUYE, Jason H	NUMBER BLADES
(47) 26.08.2020	(31) 201615264209	(73) Bell Helicopter Textron Inc.
(22) 06.02.2018	(32) 13.09.2016	(72) STAMPS, Frank B
(54) OUTBOARD MOTOR	(33) United States of America	MILLER, Gary
(73) Yamaha Hatsudoki Kabushiki Kaisha	(51) B64C 3/56	(31) 201715398919
(72) MIZUSHIMA, Yoshihiro	(11) EP3299280	(32) 05.01.2017
NAITO, Takeshi	(21) EP17191934.3	(33) United States of America
MORINO, Makoto	(47) 26.08.2020	(51) B64D 11/00
(31) 2017021924	(22) 19.09.2017	B64D 11/06
(32) 09.02.2017	(54) FOLDABLE AIRCRAFT WITH	(11) EP3393906
(33) Japan	ANHEDRAL STABILIZING WINGS	(21) EP16758221.2
(51) B63H 25/38	(73) Bell Helicopter Textron Inc.	(47) 26.08.2020
(11) EP3489129	(72) ROBERTS, Brad J	(87) EP2016070649
(21) EP17204185.7	IVANS, Steven R	29.06.2017
(47) 26.08.2020	(31) 201615272311	(22) 01.09.2016
(22) 28.11.2017	(32) 21.09.2016	(54) PASSENGER SEAT HAVING A
(54) METHOD FOR PRODUCING A	(33) United States of America	DISPLACEABLE SEAT ELEMENT
RUDDER BLADE OR A RUDDER	(51) B64C 23/00	(73) Airbus Operations GmbH
BLADE SEGMENT, RUDDER BLADE	B64C 23/06	(72) BLANCK, Andreas
AND RUDDER BLADE SEGMENT	(11) EP3309065	CORDES, Frank
(73) Becker Marine Systems GmbH	(21) EP16193326.2	JAFFRELOT, Jean-Baptiste
(72) BLÜMEL, Herbert	(47) 26.08.2020	NEHL, Jan Uwe
KLUGE, Mathias	(22) 11.10.2016	BOERJESSON, Marcus
(51) B64B 1/06	(54) METHOD FOR INFLUENCING CROSS-	(31) 102015226664
B64B 1/58	FLOW INSTABILITIES IN A FLUID	(32) 23.12.2015
B64C 39/02	FLOW BODY AND FLOW BODY	(33) Germany
(11) EP3287358	SYSTEM	(51) B64D 11/06
(21) EP17000982.3	(73) Airbus Defence and Space GmbH	(11) EP3315408
(47) 26.08.2020	(72) MEYER, Michael	(21) EP16196648.6
(22) 09.06.2017	BAUER, Matthias	(47) 26.08.2020
(54) TETHERED UNMANNED AERIAL	(51) B64C 25/00	(22) 31.10.2016
VEHICLE	B64C 25/34	(54) SEAT RAIL ADAPTER COMPRISING
(73) Harris Corporation	B64C 25/42	TWO MOUNTING PARTS, SEAT
(72) Palmer, William R.	(11) EP3392139	RAIL AND CABIN ARRANGEMENT
Schlig, Daniel L.	(21) EP17167352.8	COMPRISING SUCH A SEAT RAIL
McLellan, Timothy F.	(47) 26.08.2020	ADAPTER
(31) 201615243324	(22) 20.04.2017	(73) Airbus Operations GmbH
(32) 22.08.2016	(54) AIRCRAFT LANDING GEAR ASSEMBLY	(72) Wolgast, Carsten
(33) United States of America	(73) Safran Landing Systems UK Limited	(51) B64D 13/06
(51) B64B 1/40	(72) Schmidt, Robert Kyle	(11) EP3090950
B64C 39/02	Price, Neil	(21) EP16165892.7
(11) EP2774838	(51) B64C 25/00	(47) 26.08.2020
(21) EP14155509.4	F03G 7/06	(22) 18.04.2016
(47) 26.08.2020	G01L 1/26	(54) COMBINED VOC-O2-CO2 TREATMENT
(22) 18.02.2014	(11) EP3372971	SYSTEM
(54) Autonomous aircraft	(21) EP18156765.2	(73) Honeywell International Inc.
(73) The Boeing Company	(47) 26.08.2020	(72) LUDVIK, Jan
(72) Childress, James J.	(22) 14.02.2018	MICHALAKOS, Peter M.
Viniotis, John J.	(54) IN-SITU STRESS CONTROL IN	(31) 201514699887
(31) 201313791105	STRUCTURES	(32) 29.04.2015
(32) 08.03.2013	(73) Delavan, Inc.	(33) United States of America
(33) United States of America	(72) MIRONETS, Sergey	(51) B64D 27/14
(51) B64C 1/00	STAROSELSKY, Alexander	B64D 27/26
B64C 1/26	BIANCO, Robert	(11) EP3339180
B64C 3/18	(31) 201715433792	(21) EP16382623.3
B64C 3/26	(32) 15.02.2017	(47) 26.08.2020
(11) EP3293107	(33) United States of America	(22) 20.12.2016
(21) EP17190474.1	(51) B64C 27/33	(54) ROTATIONAL PROPULSION SYSTEM
(47) 26.08.2020	B64C 27/35	OF AN AIRCRAFT
(22) 11.09.2017	B64C 27/48	(73) Airbus Operations, S.L.
(54) AIRCRAFT WINGS AND AIRCRAFT	B64C 27/51	(72) MARTINO GONZÁLEZ, Esteban
INCLUDING SUCH AIRCRAFT WINGS	B64C 27/54	MARTÍNEZ MUÑOZ, José Luis
(73) The Boeing Company	(11) EP3575211	(51) B64D 37/16
(72) WALKER, Steven P	(21) EP19180264.4	B64D 37/32
OAKES, Gary D	(47) 26.08.2020	B64F 1/28
STICKLER, Patrick B	(22) 06.02.2017	B67D 7/34
BEHZADPOUR, Forouzan		

(11) EP3515823	21.12.2017	(54) TRAY FILLING APPARATUS FOR LEAFLETS
(21) EP17771431.8	(22) 15.06.2017	(73) The Challenge Printing Company
(47) 26.08.2020	(54) DOSING DEVICE FOR FEEDING INFUSION PRODUCTS	(72) Sasso, Chad
(87) EP2017073799	(73) I.M.A. Industria Macchine Automatiche S.p.A.	Polt, Margaret
29.03.2018	(72) RIVOLA, Sauro	Thies, Kevin
(22) 20.09.2017	GEMINIANI, Simone	Velez, James
(54) SYSTEM AND PROCESS	(31) UA20164461	(31) 201862635836 P
(73) Air BP Limited	(32) 17.06.2016	(32) 27.02.2018
(72) DUBENSKI, Paul,Jerzy	(33) Italy	(33) United States of America
(31) 201616123	(51) B65B 7/28	(51) B65B 35/46
(32) 22.09.2016	B65D 47/06	B65G 43/08
(33) United Kingdom	B65D 53/02	B65G 47/08
(51) B64D 41/00	B65D 83/32	B65G 54/02
H02B 1/34	B65D 83/38	(11) EP3473564
(11) EP3351476	B65D 83/48	(21) EP16906236.1
(21) EP18152951.2	B65D 83/62	(47) 26.08.2020
(47) 26.08.2020	B65D 83/68	(87) JP2016068360
(22) 23.01.2018	(11) EP2921427	28.12.2017
(54) CASING FOR DISTRIBUTING ELECTRICAL POWER FOR AN AIRCRAFT	(21) EP13854599.1	(22) 21.06.2016
(73) Zodiac Aero Electric	(47) 26.08.2020	(54) PRODUCT CONVEYING DEVICE
(72) DESHAYES, Olivier	(87) JP2013080664	(73) Unicharm Corporation
PINARD, Frédéric	22.05.2014	(72) MURAKAMI, Seiji
BADAULT, Arnaud	(22) 13.11.2013	ODA, Takeshi
GIRON, Julien	(54) DISCHARGE CONTAINER AND METHOD FOR MANUFACTURING DISCHARGE CONTAINER	(51) B65B 43/44
(31) 1700062	(73) Daizo Corporation	B65G 59/10
1755298	(72) YAMAGUCHI, Kazuhiro	(11) EP3176112
(32) 24.01.2017	MIYAMOTO, Hidetoshi	(21) EP16202208.1
13.06.2017	(31) 2012252608	(47) 26.08.2020
(33) France	2012286764	(22) 05.12.2016
France	2013196244	(54) METHOD FOR SEPARATING PILED ELASTIC SHELLS AND USE OF A DEVICE FOR CARRYING OUT THE METHOD
(51) B64D 43/02	(32) 16.11.2012	(73) Deutsches Institut für Lebensmitteltechnik e.V.
B64D 47/00	28.12.2012	(72) Hukelmann, Bernhard
F16M 11/00	20.09.2013	(31) 102015224256
G01C 21/26	(33) Japan	(32) 03.12.2015
G01C 23/00	Japan	(33) Germany
G06F 3/14	Japan	(51) B65B 55/04
G06F 11/07	(51) B65B 11/04	B65B 55/10
G09G 1/00	G01G 23/01	B67C 7/00
G06F 21/57	B65B 9/087	(11) EP3088313
(11) EP3495775	(11) EP3353062	(21) EP14875504.4
(21) EP18211191.4	(21) EP16849620.6	(47) 26.08.2020
(47) 26.08.2020	(47) 26.08.2020	(87) JP2014083659
(22) 07.12.2018	(87) US2016053165	02.07.2015
(54) PROTOCOL FOR HIGH INTEGRITY PERSONAL ELECTRONIC DEVICE APPLICATIONS	(22) 22.09.2016	(22) 19.12.2014
(73) Honeywell International Inc.	(54) STRETCH WRAPPING MACHINE WITH AUTOMATIC LOAD PROFILING AND THE CORRESPONDING METHOD	(54) BEVERAGE FILLING APPARATUS
(72) TRUE, Willard R.	(73) Lantech.Com LLC	(73) Dai Nippon Printing Co., Ltd.
BERCKEFELDT, Richard	(72) LANCASTER, III, Patrick, R.	(72) HAYAKAWA, Atsushi
SARMA, Kalluri R.	MITCHELL, Michael, P.	(31) 2013267063
(31) 201762595623 P	JOHNSON, Richard, L.	(32) 25.12.2013
201815959510	(31) 201562232915 P	(33) Japan
(32) 07.12.2017	(32) 25.09.2015	(51) B65B 69/00
23.04.2018	(33) United States of America	(11) EP3484776
(33) United States of America	(51) B65B 25/14	(21) EP17749108.1
United States of America	B65B 35/36	(47) 26.08.2020
(51) B65B 1/12	B65B 35/50	(87) AT2017060173
B65B 1/36	B65B 43/26	18.01.2018
B65B 29/02	B65G 61/00	(22) 11.07.2017
B65B 37/10	(11) EP3530576	(54) DECANTING DEVICE
G01F 11/24	(21) EP19159365.6	(73) OMP Trade GmbH
G01F 13/00	(47) 26.08.2020	(72) MAYRPETER, Johannes
(11) EP3472576	(22) 26.02.2019	OBERMAYR, Norbert
(21) EP17737372.7		(31) 506172016
(47) 26.08.2020		501552017
(87) IB2017053554		

(32) 12.07.2016 27.02.2017	(31) 102018109265	F04D 29/62
(33) Austria	(32) 18.04.2018	(11) EP3492404
Austria	(33) Germany	(21) EP16922328.6
(51) B65D 5/20	(51) B65D 81/02	(47) 26.08.2020
B65D 5/44	B65D 81/05	(87) JP2016085136
(11) EP3464085	B65D 81/127	31.05.2018
(21) EP17737035.0	B65D 85/30	(22) 28.11.2016
(47) 26.08.2020	B65D 85/68	(54) ROTOR SECURING JIG AND ROTOR STORAGE UNIT
(87) IB2017052881	H05B 6/64	(73) Mitsubishi Heavy Industries Compressor Corporation
30.11.2017	H05B 6/66	(72) URUSHIDANI, Hiroki
(22) 16.05.2017	H05B 6/68	(51) B65D 85/804
(54) A FOLDING STATION OF A	(11) EP3448780	(11) EP3490907
CARDBOARD BLANK AND A	(21) EP17810557.3	(21) EP17742680.6
MACHINE FOR PACKING AN ARTICLE	(47) 26.08.2020	(47) 26.08.2020
INTERNALLY OF A CARDBOARD BOX	(87) KR2017005958	(87) EP2017067371
OBTAINED FROM THE CARDBOARD	14.12.2017	01.02.2018
BLANK	(22) 08.06.2017	(22) 11.07.2017
(73) F.L. Auto S.r.l.	(54) PACKING MEMBER AND COOKING APPARATUS HAVING THE SAME	(54) CAPSULE FOR PREPARING BEVERAGE
(72) PONTI, Giuseppe	(73) Samsung Electronics Co., Ltd.	(73) Société des Produits Nestlé S.A.
(31) UA20163733	(72) LEE, Chul Woo	(72) OZANNE, Matthieu
(32) 24.05.2016	KIM, Sun Ki	MARTIN, Olivier
(33) Italy	KIM, Hyoung Jung	(31) 16181236
(51) B65D 51/28	(31) 20160071847	(32) 26.07.2016
(11) EP2723651	(32) 09.06.2016	(33) European Patent Office (EPO)
(21) EP12733798.8	(33) Korea (Republic)	(51) B65D 88/16
(47) 26.08.2020	(51) B65D 83/00	F26B 5/14
(87) GB2012051341	(11) EP2945881	C02F 11/12
27.12.2012	(21) EP14705582.6	(11) EP3303230
(22) 13.06.2012	(47) 26.08.2020	(21) EP16744890.1
(54) CONTAINER CLOSURE HAVING	(87) IL2014050059	(47) 26.08.2020
MEANS FOR INTRODUCING AN	24.07.2014	(87) NL2016050374
ADDITIVE INTO THE CONTENTS OF	(22) 16.01.2014	01.12.2016
THE CONTAINER	(54) PROPELLANT-FREE PRESSURIZED MATERIAL DISPENSER	(22) 26.05.2016
(73) GIZMO PACKAGING LIMITED	(73) Greensense Ltd.	(54) ELONGATE FLEXIBLE CONTAINER
(72) FRUTIN, Bernard, D	(72) HAR-SHAI, Gadi	(73) TenCate Geosynthetics Netherlands B.V.
(31) 201110722	SCHWARTZ, Adam	(72) TER HARMSEL, Mink
(32) 24.06.2011	(31) 201361753428 P	VAN DEN BERG, Gijsbertus Johannes
(33) United Kingdom	201361753424 P	WESSELS, Hendrik
(51) B65D 59/06	201361753433 P	ZENGERINK, Edwin Lambertus
B65D 83/08	(32) 16.01.2013	Franciscus
B65D 85/671	16.01.2013	(31) 2014856
B65H 18/28	17.01.2013	(32) 26.05.2015
B65H 19/22	(33) United States of America	(33) Netherlands
B65H 19/28	United States of America	(51) B65G 13/11
(11) EP3464121	United States of America	B65G 43/10
(21) EP17725030.5	(51) B65D 85/10	(11) EP3055235
(47) 26.08.2020	(11) EP3458384	(21) EP14805773.0
(87) US2017031876	(21) EP17737361.0	(47) 26.08.2020
30.11.2017	(47) 26.08.2020	(87) AT2014050240
(22) 10.05.2017	(87) IB2017052966	16.04.2015
(54) CORELESS FLEXIBLE FILM	23.11.2017	(22) 10.10.2014
PACKAGING SYSTEM, CONTAINMENT	(22) 19.05.2017	(54) CONVEYOR SYSTEM HAVING SUBSTANTIALLY SYMMETRICAL LONGITUDINALLY RUNNING ELECTRIC CONDUCTORS
PACKAGE THEREFOR AND METHOD	(54) PACK OF ELECTRICALLY HEATED CIGARETTES	(73) TGW Mechanics GmbH
FOR PACKAGING	(73) G.D Società per Azioni	(72) REISCHL, Josef
(73) CPFilms Inc.	(72) LI VIGNI, Angelo	(31) 506542013
(72) HAWKINS, Michael	TACCHI, Alver	(32) 11.10.2013
(31) 201615164014	FEDERICI, Luca	(33) Austria
(32) 25.05.2016	(31) UA20163648	(51) B65G 17/24
(33) United States of America	UA20164021	(11) EP2714555
(51) B65D 63/10	(32) 20.05.2016	(21) EP12724812.8
(11) EP3556683	01.06.2016	(47) 26.08.2020
(21) EP19168864.7	(33) Italy	(87) US2012038821
(47) 26.08.2020	(51) B65D 85/68	
(22) 12.04.2019	B65D 90/00	
(54) FIXING ADHESIVE		
(73) Lefnaer, Harms		
(72) Lefnaer, Harms		

29.11.2012	(51) B65H 19/12	(11) EP3239372
(22) 21.05.2012	B65H 49/32	(21) EP15872723.0
(54) CONVEYOR BELT MODULE WITH FIXED AXLES	B65H 54/54	(47) 26.08.2020
(73) Laitram, L.L.C.	B65H 67/00	(87) JP2015084562
(72) MACLACHLAN, Gilbert J. WEISER, David C. MILLER, Abraham L. KNOTT, Errol P. DEROCHE, Timothy J. MARTIN, Jude G.	(11) EP3556697	30.06.2016
(31) 201113113538	(21) EP18382268.3	(22) 09.12.2015
(32) 23.05.2011	(47) 26.08.2020	(54) METHOD FOR MANUFACTURING AND MANUFACTURING DEVICE FOR PARTIAL SPLIT-FIBER FIBER BUNDLE AND PARTIAL SPLIT-FIBER FIBER BUNDLE
(33) United States of America United States of America	(22) 20.04.2018	(73) Toray Industries, Inc.
(51) B65G 47/14	(54) PROCESS AND DEVICE FOR LOADING, UNLOADING AND CONTINUOUS WINDING OF PRODUCT ON A REEL	(72) KAWAHARA, Yoshihiro
B65G 47/256	(73) Desarrollo de Máquinas Y Soluciones Automáticas, S.L.	SUZUKI, Tamotsu
B65G 47/52	(72) HERNANDO SAIZ, Carlos	MIYOSHI, Katsuhiko
(11) EP3505467	(51) B65H 19/22	(31) 2014264432
(21) EP18193382.1	B65H 19/26	2015071225
(47) 26.08.2020	B65H 19/28	(32) 26.12.2014
(22) 10.09.2018	B65H 19/30	31.03.2015
(54) RING MATERIAL SUPPLY SYSTEM	(11) EP3009382	(33) Japan
(73) Yoli New Technology Co., Ltd.	(21) EP15191734.1	Japan
(72) SU, Fei-Long	(47) 26.08.2020	(51) B65H 54/52
(31) 106145697	(22) 15.09.2011	B65H 54/72
(32) 26.12.2017	(54) REWINDING MACHINE AND METHOD FOR THE PRODUCTION OF ROLLS OF WEB MATERIAL	B65H 67/048
(33) Taiwan, Province of China	(73) FABIO PERINI S.p.A.	(11) EP3418231
(51) B65G 49/00	(72) MORELLI, Roberto	(21) EP18176945.6
G03F 7/20	MONTAGNANI, Franco	(47) 26.08.2020
H01L 21/02	MADDALENI, Romano	(22) 11.06.2018
H01L 21/67	(31) FI20100205	(54) YARN WINDER
H01L 21/677	(32) 28.09.2010	(73) TMT Machinery, Inc.
(11) EP3358611	(33) Italy	(72) Sugiyama, Kenji
(21) EP16851598.9	(51) B65H 19/29	Hashimoto, Kinzo
(47) 26.08.2020	B65H 23/02	(31) 2017121462
(87) JP2016078567	(11) EP3053863	(32) 21.06.2017
06.04.2017	(21) EP16152745.2	(33) Japan
(22) 28.09.2016	(47) 26.08.2020	(51) B65H 59/38
(54) PRODUCTION SYSTEM	(22) 26.01.2016	H01F 41/094
(73) Nikon Corporation	(54) GLUING DEVICE OF AN END EDGE OF A LOG AND RELATIVE GLUING METHOD	(11) EP3336864
(72) KATO Masaki	(73) Gambini International S.A.	(21) EP17206731.6
KITO Yoshiaki	(72) GAMBINI, Giovanni	(47) 26.08.2020
NARA Kei	(31) MI20150118	(22) 12.12.2017
HORI Masakazu	(32) 29.01.2015	(54) A DEVICE FOR AUTOMATICALLY ADJUSTING WIRE TENSION DURING THE VARIOUS STEPS OF WINDING IN MACHINES FOR WINDING ELECTRICAL COILS
KIUCHI Tohru	(33) Italy	(73) Marsilli S.p.A.
(31) 2015190796	(51) B65H 45/20	(72) PARATI, Gian Battista
(32) 29.09.2015	B65H 45/24	(31) 201600127236
(33) Japan	(11) EP3067303	(32) 16.12.2016
(51) B65H 19/12	(21) EP16159289.4	(33) Italy
(11) EP3288873	(47) 26.08.2020	(51) B66B 9/02
(21) EP16716218.9	(22) 08.03.2016	B66B 11/04
(47) 26.08.2020	(54) APPARATUS AND METHOD FOR FORMING SHEETS OF DIFFERENT LENGTHS OR SHEETS WITH DIFFERENT PANEL LENGTHS, AND PROCESSING ROLL FOR HANDLING SHEETS	(11) EP3369686
(87) EP2016058183	(73) C.G. Bretting Manufacturing Co., Inc.	(21) EP17158966.6
03.11.2016	(72) KAUPPLIA, Greg M.	(47) 26.08.2020
(22) 14.04.2016	(31) 201562132855 P	(22) 02.03.2017
(54) METHOD AND DEVICE FOR FEEDING, PROVIDING, AND EXCHANGING ROLLS HAVING PACKAGING MATERIAL IN A PACKAGING MACHINE	(32) 13.03.2015	(54) ELEVATOR COMPRISING AN ELECTRIC LINEAR MOTOR
(73) KRONES Aktiengesellschaft	(33) United States of America	(73) KONE Corporation
(72) WIMMER, Thomas	(51) B65H 51/005	(72) KATTAINEN, Ari
SPINDLER, Herbert	D01D 5/42	LÄHTEENMÄKI, Jussi
(31) 102015208122	D01D 11/02	SUUR-ASKOLA, Seppo
(32) 30.04.2015	D02J 1/18	PERÄLÄ, Jussi
(33) Germany		HAKALA, Tero
		PUROSTO, Tero
		(51) B66B 9/187
		B66C 13/54



- |                                            |                                                |                                                 |
|--------------------------------------------|------------------------------------------------|-------------------------------------------------|
| (11) EP3560882                             | (21) EP14779630.4                              | (54) TRANSFER METHOD AND TRANSFER               |
| (21) EP19161942.8                          | (47) 26.08.2020                                | DEVICE                                          |
| (47) 26.08.2020                            | (87) US2014019685                              | (73) Toshiba Kikai Kabushiki Kaisha             |
| (22) 11.03.2019                            | 09.10.2014                                     | (72) SERIZAWA, Mitsuyuki                        |
| (54) TRANSFER FOR AN ELEVATOR              | (22) 28.02.2014                                | YAGI, Masayuki                                  |
| (73) GEDA-Dechentreiter GmbH & Co. KG.     | (54) MEMS ACOUSTIC SENSOR WITH                 | (31) 2007281043                                 |
| (72) MORGENBRODT, Thomas                   | INTEGRATED BACK CAVITY                         | (32) 30.10.2007                                 |
| (31) 202018101551 U                        | (73) InvenSense, Inc.                          | (33) Japan                                      |
| (32) 20.03.2018                            | (72) ATA, Erhan, Polatkan                      | <hr/>                                           |
| (33) Germany                               | LIM, Martin                                    | (51) B82Y 20/00                                 |
| <hr/>                                      | LI, Xiang                                      | H01L 33/00                                      |
| (51) B66C 13/20                            | LLOYD, Stephen                                 | H01L 33/04                                      |
| B66D 1/44                                  | DANEMAN, Michael, Julian                       | H01L 33/06                                      |
| E02F 9/20                                  | (31) 201313800061                              | H01L 33/32                                      |
| E02F 9/22                                  | (32) 13.03.2013                                | (11) EP2259341                                  |
| F15B 1/02                                  | (33) United States of America                  | (21) EP10180325.2                               |
| F15B 1/16                                  | <hr/>                                          | (47) 26.08.2020                                 |
| F15B 11/16                                 | (51) B81B 7/00                                 | (22) 24.06.2005                                 |
| F15B 11/17                                 | H01L 23/055                                    | (54) Group III nitride based quantum well light |
| F15B 13/01                                 | (11) EP2581936                                 | emitting device structures with an indium       |
| F15B 21/14                                 | (21) EP12185965.6                              | containing capping structure                    |
| (11) EP3351807                             | (47) 26.08.2020                                | (73) Cree, Inc.                                 |
| (21) EP16846223.2                          | (22) 25.09.2012                                | (72) Bergmann, Michael John                     |
| (47) 26.08.2020                            | (54) Package with unattached semiconductor     | Emerson, David Todd                             |
| (87) JP2016074909                          | device                                         | (31) 899791                                     |
| 23.03.2017                                 | (73) Rosemount Aerospace Inc.                  | (32) 27.07.2004                                 |
| (22) 26.08.2016                            | (72) Isebrand, Scott                           | (33) United States of America                   |
| (54) HYDRAULIC DRIVING APPARATUS           | Dinh, Nghia T.                                 | <hr/>                                           |
| FOR A WORK MACHINE                         | Paule, Andrew S                                | (51) B82Y 30/00                                 |
| (73) Kabushiki Kaisha Kobe Seiko Sho (Kobe | Fok, Ben P                                     | B82Y 40/00                                      |
| Steel, Ltd.)                               | (31) 201113272613                              | B01J 27/135                                     |
| (72) UEMURA, Shohei                        | (32) 13.10.2011                                | B01J 31/02                                      |
| SUGANO, Naoki                              | (33) United States of America                  | B01J 31/12                                      |
| HORI, Naoto                                | <hr/>                                          | B01J 35/00                                      |
| MAEKAWA, Satoshi                           | (51) B81C 1/00                                 | B01J 35/02                                      |
| (31) 2015180420                            | G01N 27/22                                     | C01B 33/12                                      |
| (32) 14.09.2015                            | (11) EP2492239                                 | C08G 77/58                                      |
| (33) Japan                                 | (21) EP11155468.9                              | C08G 79/00                                      |
| <hr/>                                      | (47) 26.08.2020                                | C09C 1/36                                       |
| (51) B66F 11/04                            | (22) 22.02.2011                                | C09C 3/08                                       |
| (11) EP3538475                             | (54) Integrated circuit with sensor and method | (11) EP3118243                                  |
| (21) EP18709752.2                          | of manufacturing such an integrated            | (21) EP15761092.4                               |
| (47) 26.08.2020                            | circuit                                        | (47) 26.08.2020                                 |
| (87) GB2018050548                          | (73) Sciosense B.V.                            | (87) JP2015057024                               |
| 13.09.2018                                 | (72) Daamen, Roel                              | 17.09.2015                                      |
| (22) 05.03.2018                            | Wolters, Robertus Adrianus Maria               | (22) 10.03.2015                                 |
| (54) BASE UNIT FOR A LIFTING VEHICLE       | Rongen, Rene                                   | (54) FLUORINE-CONTAINING TITANIUM               |
| (73) Niftylift Limited                     | Ponomarev, Yuri Victorovitch                   | OXIDE-NANOSILICA COMPOSITE                      |
| (72) BOWDEN, Roger                         | <hr/>                                          | PARTICLES, AND METHOD FOR                       |
| (31) 201703607                             | (51) B81C 1/00                                 | PRODUCING SAME                                  |
| (32) 07.03.2017                            | H01L 21/56                                     | (73) Unimatec Co., Ltd.                         |
| (33) United Kingdom                        | (11) EP2942807                                 | Hirosaki University                             |
| <hr/>                                      | (21) EP14167397.0                              | (72) FUKUSHIMA Takeshi                          |
| (51) B67D 1/00                             | (47) 26.08.2020                                | SATO Katsuyuki                                  |
| C02F 1/44                                  | (22) 07.05.2014                                | SAWADA Hideo                                    |
| C02F 1/68                                  | (54) Semiconductor package                     | (31) 2014047315                                 |
| (11) EP3489199                             | (73) Sensirion AG                              | (32) 11.03.2014                                 |
| (21) EP17203425.8                          | (72) Werner, Hunziker                          | (33) Japan                                      |
| (47) 26.08.2020                            | <hr/>                                          | <hr/>                                           |
| (22) 23.11.2017                            | (51) B82Y 10/00                                | (51) B82Y 30/00                                 |
| (54) APPARATUS AND METHOD FOR              | B82Y 40/00                                     | B82Y 40/00                                      |
| MINERALIZING A FLUID                       | B29C 59/02                                     | G01N 1/34                                       |
| (73) Riprup Company S.A.                   | B29C 59/04                                     | G01N 1/40                                       |
| (72) BISSEN, Monique                       | G03F 7/00                                      | G01N 30/00                                      |
| SCHUCKER, Josef                            | G03F 7/20                                      | G01N 33/68                                      |
| SCHROTSHAMMER, Christian                   | G11B 7/26                                      | (11) EP3310719                                  |
| DAN, Waldemar                              | (11) EP2208608                                 | (21) EP16812085.5                               |
| <hr/>                                      | (21) EP08843423.8                              | (47) 26.08.2020                                 |
| (51) B81B 3/00                             | (47) 26.08.2020                                | (87) US2016027928                               |
| B81B 7/00                                  | (87) JP2008069769                              | 22.12.2016                                      |
| H04R 19/00                                 | 07.05.2009                                     | (22) 15.04.2016                                 |
| (11) EP2973727                             | (22) 30.10.2008                                |                                                 |

- (54) COMPOSITIONS AND METHODS FOR ANALYTICAL SAMPLE PREPARATION  
 (73) Agilent Technologies, Inc.  
 (72) LUCAS, Derick  
 RICHTER, Bruce  
 LONG, David  
 (31) 201514740829  
 (32) 16.06.2015  
 (33) United States of America
- 
- (51) B82Y 30/00  
 B82Y 40/00  
 H01M 4/62  
 H01M 4/131  
 H01M 4/1391  
 C01B 32/184  
 C01B 32/194  
 (11) EP3358650  
 (21) EP16846394.1  
 (47) 26.08.2020  
 (87) JP2016076656  
 23.03.2017  
 (22) 09.09.2016  
 (54) GRAPHENE DISPERSION, PROCESS FOR PRODUCING PARTICLES OF GRAPHENE/ACTIVE MATERIAL COMPOSITE, AND PROCESS FOR PRODUCING ELECTRODE PASTE  
 (73) Toray Industries, Inc.  
 (72) HIRAI, Yoshihide  
 TAMAKI, Eiichiro  
 KAWASAKI, Manabu  
 (31) 2015184815  
 (32) 18.09.2015  
 (33) Japan
- 
- (51) B82Y 35/00  
 H01J 37/20  
 (11) EP2870104  
 (21) EP13817049.3  
 (47) 26.08.2020  
 (87) US2013049595  
 16.01.2014  
 (22) 08.07.2013  
 (54) SPECIMEN PREPARATION FOR TRANSMISSION ELECTRON MICROSCOPY  
 (73) National Health Research Institutes Materials Analysis Technology (US) Corp.  
 (72) HSIEH, Yong-fen  
 CHU, Chih-hsun  
 SHARMA, Pradeep  
 KO, Yu-feng  
 YANG, Chung-shi  
 TAI, Lin-ai  
 CHEN, Yu-ching  
 TING, Hsiao-chun  
 (31) 201213544019  
 (32) 09.07.2012  
 (33) United States of America
- 
- (51) B82Y 40/00  
 B82B 1/00  
 B82B 3/00  
 C30B 7/10  
 C30B 29/16  
 C30B 29/60  
 (11) EP3190083  
 (21) EP17158404.8  
 (47) 26.08.2020
- (22) 26.10.2011  
 (54) SYNTHESIS, CAPPING AND DISPERSION OF NANOCRYSTALS  
 (73) Pixelligent Technologies, LLC  
 (72) GONEN WILLIAMS, Zehra Serpil  
 WANG, Yijun  
 WIACEK, Robert J.  
 BAI, Xia  
 GOU, Linfeng  
 THOMAS, Selina I.  
 XU, Wei  
 XU, Jun  
 (31) 407063 P  
 201113064905  
 (32) 27.10.2010  
 25.04.2011  
 (33) United States of America  
 United States of America
- 
- (51) B82Y 40/00  
 B82B 3/00  
 H01B 1/02  
 H01B 1/22  
 H01L 41/00  
 H01L 41/29  
 (11) EP3250506  
 (21) EP16743807.6  
 (47) 26.08.2020  
 (87) SG2016050043  
 04.08.2016  
 (22) 29.01.2016  
 (54) METHOD OF INTERCONNECTING NANOWIRES, NANOWIRE NETWORK AND TRANSPARENT CONDUCTIVE ELECTRODE  
 (73) Nanyang Technological University  
 Lockheed Martin Corporation  
 (72) LEE, Byung Hoon  
 GAN, Chee Lip  
 LAM, Yeng Ming  
 ZINN, Alfred A.  
 (31) 201562109776 P  
 (32) 30.01.2015  
 (33) United States of America
- 
- (51) C01B 3/34  
 C01B 3/50  
 C10G 45/02  
 (11) EP2751025  
 (21) EP12769523.7  
 (47) 26.08.2020  
 (87) US2012053331  
 07.03.2013  
 (22) 31.08.2012  
 (54) FUEL PROCESSING SYSTEM  
 (73) Battelle Memorial Institute  
 (72) THORNTON, Douglas  
 CONTINI, Vince  
 GEORGE, Paul  
 (31) 201161530723 P  
 (32) 02.09.2011  
 (33) United States of America
- 
- (51) C01B 21/26  
 C01B 21/38  
 C01B 21/40  
 (11) EP2646366  
 (21) EP11845178.0  
 (47) 26.08.2020  
 (87) AU2011001555  
 07.06.2012
- (22) 01.12.2011  
 (54) PROCESS FOR PRODUCING NITRIC ACID  
 (73) The University of Sydney  
 YARA International ASA  
 (72) JOHNSTON, Anthony Matthew  
 HAYNES, Brian Scott  
 (31) 2010905285  
 (32) 01.12.2010  
 (33) Australia
- 
- (51) C01B 23/00  
 F25J 3/04  
 (11) EP3329195  
 (21) EP16748222.3  
 (47) 26.08.2020  
 (87) US2016044006  
 09.02.2017  
 (22) 26.07.2016  
 (54) METHOD AND APPARATUS FOR ARGON RECOVERY IN A CRYOGENIC AIR SEPARATION UNIT INTEGRATED WITH A PRESSURE SWING ADSORPTION SYSTEM  
 (73) Praxair Technology, Inc.  
 (72) DU, Hai  
 PROSSER, Neil, M.  
 LUO, Yang  
 STEPHENSON, Neil, A.  
 (31) 201562199469 P  
 201615057152  
 (32) 31.07.2015  
 01.03.2016  
 (33) United States of America  
 United States of America
- 
- (51) C01B 32/194  
 (11) EP3548431  
 (21) EP17798254.3  
 (47) 26.08.2020  
 (87) EP2017079854  
 07.06.2018  
 (22) 21.11.2017  
 (54) METHOD FOR THE EXFOLIATION OF GRAPHENE  
 (73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives  
 Centre National de la Recherche Scientifique  
 Université Grenoble Alpes  
 (72) CUNGE, Gilles  
 DAVYDOVA, Alexandra  
 DESPIAU-PUJO, Emilie  
 FERRAH, Djawhar  
 RENAULT, Olivier  
 (31) 1661699  
 (32) 30.11.2016  
 (33) France
- 
- (51) C01B 33/035  
 C23C 16/44  
 C23C 16/458  
 H01L 21/205  
 (11) EP2661516  
 (21) EP11854887.4  
 (47) 26.08.2020  
 (87) US2011067178  
 12.07.2012  
 (22) 23.12.2011

(54) CHUCK FOR CHEMICAL VAPOR DEPOSITION SYSTEMS AND RELATED METHODS THEREFOR	(11) EP3511297 (21) EP17833537.8 (47) 26.08.2020	Korea (Republic)
(73) OCI Company Ltd.	(87) CN2017094333	(51) C02F 1/00
(72) QIN, Wenjun	01.02.2018	C02F 1/50
(31) 983571	(22) 25.07.2017	C02F 1/76
(32) 03.01.2011	(54) MOSXOY/CARBON NANOCOMPOSITE MATERIAL, PREPARATION METHOD THEREFOR AND USE THEREOF	C12Q 1/04
(33) United States of America	(73) Peking University	C12Q 1/18
(51) C01B 33/12	(72) ZHAI, Maolin	C12Q 1/68
C01B 33/187	CAO, Pengfei	(11) EP2912188
(11) EP2913301	PENG, Jing	(21) EP13849212.9
(21) EP14199146.3	LI, Jiuqiang	(47) 26.08.2020
(47) 26.08.2020	(31) 201610600352	(87) US2013065712
(22) 19.12.2014	(32) 27.07.2016	01.05.2014
(54) Rapidly dissolvable nanoparticles	(33) China	(22) 18.10.2013
(73) Pall Corporation	(51) C01G 51/00	(54) METHOD TO CONTROL BACTERIA TOLERANT TO STABILIZED-OXIDANT TREATMENT IN PROCESS WATER OF PAPER MILLS
(72) Harton, Shane Edward	H01M 4/136	(73) Nalco Company
David, Yolando	H01M 4/58	(72) RICE, Laura, E.
(31) 201414193738	H01M 10/052	LUTH, Elisa
(32) 28.02.2014	(11) EP2897202	(31) 201213657993
(33) United States of America	(21) EP15151682.0	(32) 23.10.2012
(51) C01B 33/143	(47) 26.08.2020	(33) United States of America
D21H 17/13	(22) 19.01.2015	(51) C02F 1/20
D21H 21/10	(54) METHOD TO OBTAIN A HIGH CAPACITY CATHODE MATERIAL WITH IMPROVED DISCHARGE PERFORMANCE	C02F 1/34
(11) EP3074343	(73) Greatbatch Ltd.	C02F 1/48
(21) EP14864844.7	(72) Palazzo, Marcus J.	C02F 5/02
(47) 26.08.2020	Shah, Ashish	(11) EP3539931
(87) US2014059724	(31) 201461928768 P	(21) EP18161880.2
28.05.2015	(32) 17.01.2014	(47) 26.08.2020
(22) 08.10.2014	(33) United States of America	(22) 15.03.2018
(54) STABLE AQUEOUS COLLOIDAL SILICA PRODUCT, AND METHODS TO MAKE AND USE SAME	(51) C01G 53/00	(54) WATER TREATMENT UNIT
(73) Ecolab USA Inc.	H01M 2/10	(73) CWW Vermögensverwaltungs GmbH
(72) LI, Minghua	H01M 4/36	(51) C02F 1/50
WONG SHING, Jane B.	H01M 4/131	C12Q 1/06
MILLER, Raymond D., Jr.	H01M 4/505	(11) EP3129326
(31) 201314089028	H01M 4/525	(21) EP15776053.9
(32) 25.11.2013	H01M 10/052	(47) 26.08.2020
(33) United States of America	(11) EP3312912	(87) US2015024963
(51) C01B 35/06	(21) EP16811976.6	15.10.2015
H01J 37/08	(47) 26.08.2020	(22) 08.04.2015
H01J 37/317	(87) KR2016006467	(54) SYSTEM AND METHOD FOR DETECTING BIOFILM GROWTH IN WATER SYSTEMS
(11) EP3436404	22.12.2016	(73) NCH Corporation
(21) EP17721225.5	(22) 17.06.2016	(72) VELA, David F.
(47) 26.08.2020	(54) CATHODE ACTIVE MATERIAL FOR SECONDARY BATTERY, PREPARATION METHOD THEREFOR, AND SECONDARY BATTERY COMPRISING SAME	DENVIR, Adrian
(87) US2017024312	(73) LG Chem, Ltd.	HOLLOWAY, Matthew C.
05.10.2017	(72) LEE, Sang Wook	(31) 201461977464 P
(22) 27.03.2017	JUNG, Wang Mo	(32) 09.04.2014
(54) HYDROGENATED ISOTOPICALLY ENRICHED BORON TRIFLUORIDE DOPANT SOURCE GAS COMPOSITION	KANG, Seong Hoon	(33) United States of America
(73) Entegris, Inc.	PARK, Byung Chun	(51) C02F 1/72
(72) BISHOP, Steven	SHIN, Ju Kyung	C02F 1/78
YEDAVE, Sharad N.	PARK, Sang Min	(11) EP3441369
BLY, Oleg	(31) 20150086005	(21) EP17779172.0
SWEENEY, Joseph	20150145942	(47) 26.08.2020
TANG, Ying	20160075210	(87) JP2017014219
(31) 201662314241 P	(32) 17.06.2015	12.10.2017
(32) 28.03.2016	(32) 20.10.2015	(22) 05.04.2017
(33) United States of America	16.06.2016	(54) ACCELERATED OXIDATION TREATMENT METHOD AND ACCELERATED OXIDATION TREATMENT DEVICE
(51) C01G 39/06	(33) Korea (Republic)	(73) Metawater Co., Ltd.
C25B 1/04	Korea (Republic)	(72) KATO Yasuhiro
H01M 4/86		OKUDA Kensuke
H01M 4/88		AOKI Michiko
H01M 4/90		KANEKAWA Naoki
H01M 8/0202		
H01M 8/1004		

(31) 2016075562	(47) 26.08.2020	(32) 10.12.2013
(32) 05.04.2016	(22) 28.05.2015	(33) Italy
(33) Japan	(54) SCRATCH RESISTANT, CHEMICALLY	(51) C04B 35/185
(51) C02F 5/08	TEMPERED GLASS SUBSTRATE AND	C04B 35/195
C23F 11/08	ITS USE	C04B 35/478
(11) EP3063312	(73) Schott AG	C04B 38/00
(21) EP14858537.5	(72) Damm, Thorsten	(11) EP3464219
(47) 26.08.2020	Henn, Christian	(21) EP17734179.9
(87) US2014059350	(31) 102014108057	(47) 26.08.2020
07.05.2015	(32) 06.06.2014	(87) US2017035125
(22) 06.10.2014	(33) Germany	07.12.2017
(54) THE USE OF NIOBATE CONTAINING	(51) C04B 7/47	(22) 31.05.2017
COMPOUNDS AS CORROSION	F27B 7/38	(54) POROUS CERAMIC ARTICLE
INHIBITORS	F27D 15/02	(73) Corning Incorporated
(73) Ecolab USA Inc.	F28D 11/04	(72) BACKHAUS-RICOULT, Monika
(72) ZIM, Danilo	(11) EP3469281	TSVETKOV, Boris Nikolayevich
PASCHOALINO, Matheus Paes	(21) EP17731066.1	(31) 201662343496 P
(31) 201314065968	(47) 26.08.2020	(32) 31.05.2016
(32) 29.10.2013	(87) EP2017000687	(33) United States of America
(33) United States of America	21.12.2017	(51) C04B 35/30
(51) C03B 5/43	(22) 12.06.2017	H01F 1/34
C04B 35/05	(54) ROTARY TUBE COOLER AND	H01F 17/00
C04B 35/48	METHOD FOR OPERATING A ROTARY	(11) EP2544200
C04B 35/484	TUBE COOLER	(21) EP11750810.1
C04B 35/657	(73) Allgaier Werke GmbH	(47) 26.08.2020
C04B 35/66	(72) TROJOSKY, Mathias	(87) JP2011055061
F27D 1/00	KIRCHNER, Karsten	09.09.2011
(11) EP3453689	(31) 102016007221	(22) 04.03.2011
(21) EP18192492.9	(32) 14.06.2016	(54) CERAMIC ELECTRONIC COMPONENT
(47) 26.08.2020	(33) Germany	AND METHOD FOR PRODUCING
(22) 04.09.2018	(51) C04B 26/02	CERAMIC ELECTRONIC COMPONENT
(54) HIGH-ZIRCONIA ELECTROCAST	C04B 26/16	(73) Murata Manufacturing Co., Ltd.
REFRACTORY AND METHOD FOR	C04B 28/02	(72) NAKAMURA Akihiro
MANUFACTURING THE SAME	C04B 28/04	YAMAMOTO Atsushi
(73) AGC Ceramics Co., Ltd.	C04B 28/08	NOMIYA Yuko
(72) MATANO, Kenji	C04B 38/10	(31) 2010049457
TOMURA, Nobuo	C04B 111/40	(32) 05.03.2010
(31) 2017172924	(11) EP3173391	(33) Japan
2018138361	(21) EP15824493.9	(51) C04B 35/48
(32) 08.09.2017	(47) 26.08.2020	C04B 35/628
24.07.2018	(87) KR2015007494	C04B 35/632
(33) Japan	28.01.2016	F01D 5/28
Japan	(22) 20.07.2015	C23C 4/00
(51) C03B 33/02	(54) METHOD FOR MAKING A LOW WATER	C23C 4/11
C03B 33/06	CONTENT PLASTIC COMPOSITION	(11) EP2767525
B23K 26/02	COMPRISING HYDRAULIC CEMENT	(21) EP14153742.3
B23K 26/53	(73) IDIN Co., Ltd	(47) 26.08.2020
(11) EP3511301	(72) YU, Ji-Su	(22) 04.02.2014
(21) EP19150725.0	(31) 20140094774	(54) Ceramic powders and methods therefor
(47) 26.08.2020	(32) 25.07.2014	(73) General Electric Company
(22) 08.01.2019	(33) Korea (Republic)	(72) Pabla, Surinder Singh
(54) METHOD AND DEVICE FOR	(51) C04B 28/04	Margolies, Joshua Lee
PRODUCING GLASS PRELIMINARY	C04B 28/18	Parakala, Padmaja
PRODUCTS AND GLASS PRODUCTS	C04B 40/00	(31) 201313769538
(73) SCHOTT AG	C04B 103/14	(32) 18.02.2013
(72) WAGNER, Fabian	(11) EP3080052	(33) United States of America
KLUGE, Michael	(21) EP14820764.0	(51) C04B 35/56
ORTNER, Andreas	(47) 26.08.2020	H01M 4/58
BRÜCKBAUER, Laura	(87) EP2014076708	(11) EP2928843
LENTEs, Frank-Thomas	18.06.2015	(21) EP13860163.8
(31) 102018100443	(22) 05.12.2014	(47) 26.08.2020
(32) 10.01.2018	(54) ACCELERATING ADMIXTURE FOR	(87) US2013072733
(33) Germany	CEMENTITIOUS COMPOSITIONS	12.06.2014
(51) C03C 3/083	(73) Mapei S.p.A.	(22) 03.12.2013
C03C 17/34	(72) FERRARI, Giorgio	(54) COMPOSITIONS COMPRISING FREE-
C03C 21/00	RUSSO, Vincenzo	STANDING TWO-DIMENSIONAL
(11) EP2952487	SQUINZI, Marco	NANOCRYSTAL
(21) EP15169568.1	(31) MI20132059	(73) Drexel University

(72) BARSOUM, Michel, W. GOGOTSI, Yury ABDELMALAK, Michael, Naguib MASHTALIR, Olha	(31) 2012191526 (32) 31.08.2012 (33) Japan	(31) 1659382 (32) 29.09.2016 (33) France
(31) 201261733015 P (32) 04.12.2012 (33) United States of America	(51) C07B 61/00 C07C 319/14 C07C 319/24 C07D 331/02	(51) C07C 29/88 C07C 31/125 (11) EP2964598 (21) EP14717901.4 (47) 26.08.2020 (87) US2014021776 12.09.2014 (22) 07.03.2014 (54) DOWNSTREAM PROCESSING OF FATTY ALCOHOL COMPOSITIONS PRODUCED BY RECOMBINANT HOST CELLS
(51) C04B 41/00 C04B 41/50 C04B 41/85 (11) EP3281929 (21) EP17167349.4 (47) 26.08.2020 (22) 20.04.2017 (54) PROTECTIVE COATING COMPOSITION FOR MOLTEN ALUMINIUM AND ALKALI METAL ENVIRONMENTS	(11) EP3431466 (21) EP17766834.0 (47) 26.08.2020 (87) JP2017010845 21.09.2017 (22) 17.03.2017 (54) METHOD FOR PRODUCING (POLY)SULFIDE COMPOUND, AND METHOD FOR PRODUCING EPISULFIDE COMPOUND	(47) 26.08.2020 (87) US2014021776 12.09.2014 (22) 07.03.2014 (54) DOWNSTREAM PROCESSING OF FATTY ALCOHOL COMPOSITIONS PRODUCED BY RECOMBINANT HOST CELLS (73) Genomatica, Inc. (72) KO, Myong K. WANG, Haibo COLE, Patricia J. LIAO, Perry Y. LI, Simon
(73) MAGNECO/METREL, INC. (72) Soofi, Madjid Binz, Lara Anderson, Michael W.	(73) Mitsui Chemicals, Inc. (72) TOKUNAGA, Koichi SHIMAKAWA, Chitoshi KUMA, Shigetoshi KAWAGUCHI, Masaru	(31) 201361774375 P (32) 07.03.2013 (33) United States of America
(31) 201615235740 201615235774 201715439868 201715439885 (32) 12.08.2016 12.08.2016 22.02.2017 22.02.2017 (33) United States of America United States of America United States of America United States of America	(31) 2016054906 (32) 18.03.2016 (33) Japan	(31) 201361774375 P (32) 07.03.2013 (33) United States of America
(51) C06B 21/00 C06C 7/00 (11) EP2125673 (21) EP07870653.8 (47) 26.08.2020 (87) US2007003806 21.08.2008 (22) 09.02.2007 (54) NON-TOXIC PERCUSSION PRIMERS (73) Vista Outdoor Operations LLC (72) ERICKSON, Jack SANDSTROM, Joel JOHNSTON, Gene NORRIS, Neal BRAUN, Patrick BLAU, Patrick LIU, Lisa	(51) C07C 17/04 C07C 17/20 C07C 17/25 C07C 21/04 C07C 21/18 (11) EP3434663 (21) EP17785841.2 (47) 26.08.2020 (87) JP2017014648 26.10.2017 (22) 10.04.2017 (54) METHOD FOR PRODUCING 1,2-DICHLORO-3,3,3- TRIFLUOROPROPENE (73) Central Glass Company, Limited (72) MATSUNAGA, Kei IMURA, Hideaki KANAI, Masatomi TANI, Masahiko TAKADA, Naoto SUMIDA, Kohei OKAMOTO, Satoru	(51) C07C 37/14 C07C 39/06 C10M 129/10 C10M 129/91 (11) EP2501668 (21) EP10832171.2 (47) 26.08.2020 (87) US2010057214 26.05.2011 (22) 18.11.2010 (54) ALKYLATED HYDROXYAROMATIC COMPOUND SUBSTANTIALLY FREE OF ENDOCRINE DISRUPTIVE CHEMICALS (73) Chevron Oronite Company LLC (72) CAMPBELL, Curtis Bay HARRISON, James J. (31) 592007 (32) 18.11.2009 (33) United States of America
(51) C07B 57/00 C07C 51/41 C07C 59/255 C07C 209/88 C07C 211/60 (11) EP2891647 (21) EP13833888.4 (47) 26.08.2020 (87) JP2013073730 06.03.2014 (22) 28.08.2013 (54) METHOD FOR PRODUCING (R)-1,1,3- TRIMETHYL-4-AMINOINDANE (73) Sumitomo Chemical Company, Limited (72) UJITA, Satoru MATSUMOTO, Tsutomu INUI, Tomohiko	(31) 2016083439 2017058985 (32) 19.04.2016 24.03.2017 (33) Japan Japan	(51) C07C 37/20 C07C 37/84 C07C 39/16 (11) EP3487833 (21) EP17758950.4 (47) 26.08.2020 (87) IB2017054409 25.01.2018 (22) 20.07.2017 (54) MANUFACTURE OF BISPHENOL A (73) SABIC Global Technologies B.V. (72) OBRADOVIC, Branislav (31) 16180769 17151147 (32) 22.07.2016 12.01.2017 (33) European Patent Office (EPO) European Patent Office (EPO)
(51) C07C 29/76 C07C 31/30 (11) EP3519381 (21) EP17783947.9 (47) 26.08.2020 (87) FR2017052675 05.04.2018 (22) 29.09.2017 (54) METHOD FOR MANUFACTURING CALCIUM DIGLYCEROXIDE (73) EasyI (72) LACOSTE, François LAIR, Valentin THIEL, Julien HALLOUMLI, Samy	(51) C07C 29/76 C07C 31/30 (11) EP3519381 (21) EP17783947.9 (47) 26.08.2020 (87) FR2017052675 05.04.2018 (22) 29.09.2017 (54) METHOD FOR MANUFACTURING CALCIUM DIGLYCEROXIDE (73) EasyI (72) LACOSTE, François LAIR, Valentin THIEL, Julien HALLOUMLI, Samy	(51) C07C 43/225 C09D 5/00 C09D 163/00 (11) EP3322757 (21) EP16741849.0 (47) 26.08.2020

(87) DK2016050244	19.10.2017	C07C 213/10
19.01.2017	(22) 04.04.2017	C07C 215/08
(22) 08.07.2016	(54) PROCESS FOR PREPARING AN	(11) EP3089959
(54) TRACER SUBSTANCES FOR SVC	UNSATURATED CARBOXYLIC ACID	(21) EP14875948.3
ANALYSIS	SALT	(47) 26.08.2020
(73) TWO Teknik ApS	(73) BASF SE	(87) US2014071820
(72) WARNER, Tim	(72) SCHAUB, Thomas	09.07.2015
SCHAUMBURG, Kjeld	PACIELLO, Rocco	(22) 22.12.2014
(31) 15176766	HUGUET SUBIELA, Nuria	(54) PROCESS FOR MAKING
(32) 15.07.2015	TRAPP, Oliver	ETHANOLAMINES
(33) European Patent Office (EPO)	MANZINI, Simone	(73) Scientific Design Company Inc.
(51) C07C 45/46	(31) 16164658	(72) MARVIN, Katelyn
C07C 49/84	(32) 11.04.2016	BILLIG, Barry Jay
C08G 61/12	(33) European Patent Office (EPO)	(31) 201361921810 P
(11) EP3404011	(51) C07C 51/41	(32) 30.12.2013
(21) EP17305581.5	C08G 64/02	(33) United States of America
(47) 26.08.2020	C08G 64/34	(51) C07C 213/06
(22) 18.05.2017	(11) EP3127607	C07C 213/08
(54) DISSOCIATION OF A 1,4-BIS(4-	(21) EP15807026.8	C11D 1/62
PHENOXYBENZOYL)BENZENE-LEWIS	(47) 26.08.2020	C11D 3/00
ACID-COMPLEX IN AN AQUEOUS	(87) KR2015005951	C11D 3/20
SOLUTION	17.12.2015	C11D 3/50
(73) ARKEMA FRANCE	(22) 12.06.2015	C11D 11/00
(72) LE, Guillaume	(54) ORGANIC ZINC CATALYST, METHOD	C11D 11/04
JOUANNEAU, Julien	FOR MANUFACTURING SAME,	(11) EP3418353
(51) C07C 45/49	AND METHOD FOR PREPARING	(21) EP17382376.6
C07C 47/19	POLYALKYLENE CARBONATE RESIN	(47) 26.08.2020
(11) EP3371146	USING ORGANIC ZINC CATALYST	(22) 20.06.2017
(21) EP16794889.2	(73) LG Chem, Ltd.	(54) FABRIC SOFTENER ACTIVE
(47) 26.08.2020	(72) KANG, Seong Kyun	COMPOSITIONS
(87) US2016059936	KIM, Sung-Kyoung	(73) KAO CORPORATION, S.A.
11.05.2017	LEE, Jun Wye	(72) Nogués López, Blanca
(22) 01.11.2016	PARK, Eun Kyoung	Mundó Blanch, Miquel
(54) OLEFIN HYDROFORMYLATION	PARK, Seung Young	Pey Gutiérrez, Carmen M.
METHODS FOR OBTAINING	CHOI, Hyeon	Sobrevias Alabau, Jaume
BRANCHED ALDEHYDES	(31) 20140072346	Vilaret Ferrer, Josep
(73) Lyondell Chemical Technology, L.P.	20140072347	(51) C07C 215/00
(72) WHITE, Daniel, F.	20150082527	C07C 233/00
MANDIMUTSIRA, Beaven, S.	(32) 13.06.2014	C07C 233/18
(31) 201562250892 P	13.06.2014	C07C 271/16
(32) 04.11.2015	11.06.2015	C07C 309/00
(33) United States of America	(33) Korea (Republic)	C07C 309/73
(51) C07C 45/58	Korea (Republic)	C07D 303/36
C07C 49/413	Korea (Republic)	C07D 309/14
(11) EP3596035	(51) C07C 67/14	C07D 317/28
(21) EP19727036.6	C07C 69/708	C07D 317/72
(47) 26.08.2020	C07C 69/80	(11) EP3271344
(87) EP2019064319	C07D 251/34	(21) EP16801801.8
12.12.2019	C08F 220/18	(47) 26.08.2020
(22) 03.06.2019	(11) EP3395794	(87) EP2016079065
(54) METHOD FOR THE CONTINUOUS	(21) EP16878587.1	08.06.2017
PRODUCTION OF KETONES FROM	(47) 26.08.2020	(22) 29.11.2016
EPOXIDES IN A FIXED BED	(87) JP2016087667	(54) PROCESS FOR PREPARING
(73) Evonik Operations GmbH	29.06.2017	AMINOTETRAHYDROPYRANS
(72) MICOINE, Kévin	(22) 16.12.2016	(73) F.I.S.- Fabbrica Italiana Sintetici S.p.A.
CAMERETTI, Luca	(54) CARBOXYLIC ACID ESTER	(72) MARAGNI, Paolo
MEIER, Ralf	COMPOUND HAVING	VERZINI, Massimo
STERGAR, Marcus Matthias	POLYMERIZABLE FUNCTIONAL	(31) 15197856
SCHULTE-ALTHOFF, Dominik	GROUP AND FLUORINE ATOM	(32) 03.12.2015
PRINZ, Axel	GROUP, AND METHOD FOR	(33) European Patent Office (EPO)
(31) 18176493	PRODUCING SAME	(51) C07C 273/04
(32) 07.06.2018	(73) Unimatec Co., Ltd.	G01N 21/65
(33) European Patent Office (EPO)	(72) MIYAMURA, Takuhiro	G01N 21/84
(51) C07C 51/15	KOKIN, Keisuke	G01N 21/85
(11) EP3442939	(31) 2015253135	(11) EP3155405
(21) EP17715469.7	(32) 25.12.2015	(21) EP15724735.4
(47) 26.08.2020	(33) Japan	(47) 26.08.2020
(87) EP2017057953	(51) C07C 213/04	(87) EP2015062304

17.12.2015	LANSBERGEN, Adrianus Jozephus	(54) PROCESS FOR THE EPOXIDATION OF
(22) 02.06.2015	Hendricus	A TETRASUBSTITUTED ALKENE
(54) A METHOD FOR IN-LINE	PAPEGAAIJ, Alwin	(73) BASF Agro B.V.
QUANTITATIVE ANALYSIS OF	HAYDEN, Douglas	(72) GEBHARDT, Joachim
A PROCESS STREAM IN A	(31) 14199363	RACK, Michael
PRODUCTION PLANT FOR THE	(32) 19.12.2014	WOLF, Bernd
SYNTHESIS OF UREA.	(33) European Patent Office (EPO)	BENSON, Stefan
(73) Casale SA	(51) C07D 207/46	GOETZ, Roland
(72) RUGNONE, Luca	G01N 21/64	KRAUS, Helmut
(31) 14172011	(11) EP3304051	(31) 16174601
(32) 11.06.2014	(21) EP16804132.5	(32) 15.06.2016
(33) European Patent Office (EPO)	(47) 26.08.2020	(33) European Patent Office (EPO)
(51) C07C 279/04	(87) US2016034706	(51) C07D 307/68
C07C 281/16	08.12.2016	(11) EP3303311
C07F 3/00	(22) 27.05.2016	(21) EP16742030.6
C07F 5/00	(54) COMPOUNDS FOR LABELING AMINE-	(47) 26.08.2020
C07F 5/02	CONTAINING COMPOUNDS, AND	(87) NL2016050405
C07F 5/05	THEIR USE	08.12.2016
C07F 5/06	(73) Agilent Technologies, Inc.	(22) 06.06.2016
C07F 15/02	(72) KIMZEY, Michael J.	(54) PROCESS FOR THE PREPARATION
C23C 16/00	GYENES, Alexander	OF A PURIFIED ACID COMPOSITION
C23C 16/30	(31) 201562168654 P	(73) Furanix Technologies B.V
(11) EP3224262	(32) 29.05.2015	(72) ALMEIDA, Ana Rita Martins Guerreiro
(21) EP15801766.5	(33) United States of America	Rocha
(47) 26.08.2020	(51) C07D 209/86	ZIEVERINK, Martinus Mathilda Pieter
(87) EP2015077691	H01L 51/50	DE SOUSA DIAS, Ana Sofia Vagueiro
02.06.2016	(11) EP2816626	GONZALEZ JIMENEZ, Ines Dacil
(22) 25.11.2015	(21) EP13749201.3	(31) 2014923
(54) NEW METAL N-AMINOGUANIDINATE	(47) 26.08.2020	(32) 05.06.2015
COMPLEXES FOR USE IN THIN FILM	(87) JP2013053347	(33) Netherlands
FABRICATION AND CATALYSIS	22.08.2013	(51) C07D 307/68
(73) Umicore AG & Co. KG	(22) 13.02.2013	(11) EP3303310
(72) SUNDERMEYER, Joerg	(54) LIGHT-EMITTING ELEMENT	(21) EP16742029.8
SCHLECHTER, Katrin	MATERIAL, AND LIGHT-EMITTING	(47) 26.08.2020
(31) 14195515	ELEMENT	(87) NL2016050404
(32) 28.11.2014	(73) Toray Industries, Inc.	08.12.2016
(33) European Patent Office (EPO)	(72) NAGAO, Kazumasa	(22) 06.06.2016
(51) C07C 315/04	MATSUKI, Shinichi	(54) PROCESS FOR THE PREPARATION
C07C 317/36	SAKAINO, Hirotooshi	OF A PURIFIED ACID COMPOSITION
(11) EP3369726	ARAI, Takeshi	(73) Furanix Technologies B.V
(21) EP16859698.9	TOMINAGA, Tsuyoshi	(72) ALMEIDA, Ana Rita Martins Guerreiro
(47) 26.08.2020	(31) 2012030176	Rocha
(87) JP2016081220	(32) 15.02.2012	ZIEVERINK, Martinus Mathilda Pieter
04.05.2017	(33) Japan	DE SOUSA DIAS, Ana Sofia Vagueiro
(22) 21.10.2016	(51) C07D 265/36	(31) 2014923
(54) METHOD FOR PRODUCING 2-	(11) EP3548469	(32) 05.06.2015
AMINO-4-SUBSTITUTED PHENOL	(21) EP18707156.8	(33) Netherlands
(73) SUMITOMO CHEMICAL COMPANY,	(47) 26.08.2020	(51) C07D 307/91
LIMITED	(87) IB2018050916	C07D 333/76
(72) ISHIKAWA, Junichi	30.08.2018	C07F 7/08
HONDA, Yuta	(22) 15.02.2018	C07F 9/572
(31) 2015214013	(54) METHOD FOR THE MANUFACTURE	C07F 9/655
(32) 30.10.2015	OF EFAVIRENZ	C07F 9/6553
(33) Japan	(73) Nelson Mandela Metropolitan University	C07F 9/6568
(51) C07D 207/404	(72) WATTS, Paul	C09K 11/06
C08G 73/16	CHADA, Sravanthi	(11) EP3345983
(11) EP3233796	(31) 2018412	(21) EP18156284.4
(21) EP15817305.4	(32) 23.02.2017	(47) 26.08.2020
(47) 26.08.2020	(33) Netherlands	(22) 26.06.2008
(87) EP2015080748	(51) C07D 301/16	(54) COMPOUNDS CONTAINING AT LEAST
23.06.2016	C07D 303/04	ONE DISILYL COMPOUND SELECTED
(22) 21.12.2015	(11) EP3472138	FROM DISILYLCARBAZOLES,
(54) POLYFUNCTIONAL	(21) EP17726954.5	DISILYLDIBENZOFURANS,
HYDROPTHALIMIDE MONOMER	(47) 26.08.2020	DISILYLDIBENZOTHIOPHENES,
COMPOUNDS	(87) EP2017063276	DISILYLDIBENZOPHOSPHOLES,
(73) DSM IP Assets B.V.	21.12.2017	DISILYLDIBENZOTHIOPHENE
(72) KONING, Cornelis Eme	(22) 01.06.2017	S-OXIDES AND
BUIJSEN, Paulus Franciscus Anna		

DISILYLDIBENZOTHIOPHENE S, S-DIOXIDES	(47) 26.08.2020	(54) XANTHINE DERIVATIVES, THEIR USE AS A MEDICAMENT, AND PHARMACEUTICAL PREPARATIONS COMPRISING THE SAME
(73) UDC Ireland Limited	(87) JP2016063815	(73) Max-Delbrück-Centrum für Molekulare Medizin
(72) LANGER, Nicolle	15.12.2016	Forschungsverbund Berlin E.V.
KAHLE, Klaus	(22) 10.05.2016	(72) BADER, Michael
LENNARTZ, Christian	(54) BENZOTHIOPHENE-CONTAINING LIQUID CRYSTALLINE COMPOUND, LIQUID CRYSTAL COMPOSITION AND LIQUID CRYSTAL DISPLAY DEVICE	SPECKER, Edgar
MOLT, Oliver	(73) JNC Corporation	MATTHES, Susann
FUCHS, Evelyn	JNC Petrochemical Corporation	SCHÜTZ, Anja
RUDOLPH, Jens	(72) YANO, Tomohiro	MALLOW, Keven
SCHILDKNECHT, Christian	(31) 2015115768	GROHMANN, Maik
WATANABE, Soichi	(32) 08.06.2015	NAZARÉ, Marc
WAGENBLAST, Gerhard	(33) Japan	
(31) 07111824	(51) C07D 403/06	(31) 16181667
08153306	(11) EP3395813	(32) 28.07.2016
(32) 05.07.2007	(21) EP17732011.6	(33) European Patent Office (EPO)
26.03.2008	(47) 26.08.2020	(51) C07F 9/06
(33) European Patent Office (EPO)	(87) CN2017071250	C07F 9/09
European Patent Office (EPO)	(11) EP3265451	(11) EP3065727
(51) C07D 309/12	(22) 16.01.2017	(21) EP14859359.3
(11) EP3265451	(54) VORICONAZOLE INTERMEDIATE AND VORICONAZOLE SYNTHESIS METHOD	(47) 26.08.2020
(21) EP16707808.8	(73) Zhejiang Huahai Pharmaceutical Co., Ltd	(87) US2014064447
(47) 26.08.2020	(72) HUANG, Hu	14.05.2015
(87) EP2016054632	HUANG, Wenfeng	(2) 06.11.2014
09.09.2016	TU, Guoliang	(54) NOVEL PRODRUG SALTS
(22) 04.03.2016	LIU, Jiegen	(73) Aeromics, Inc.
(54) METHOD FOR THE PREPARATION OF TETRAHYDROPYRANYL ESTERS	XU, Zhongming	(72) PELLETIER, Marc F.
(73) BASF SE	WU, Qianghui	MCGUIRK, Paul Robert
(72) RUEDENAUER, Stefan	MENG, Zhaoyang	FARR, George William
STORK, Timon	FANG, Yuling	ZAMBONI, Robert
PELZER, Ralf	(31) 201510984590	COLUCCI, John
HICKMANN, Volker	201610031465	ZAGHDANE, Helmi
KLOS, Margarethe	(32) 23.12.2015	(31) 201361900878 P
(31) 15157835	18.01.2016	201361900946 P
(32) 05.03.2015	(33) China	201361900919 P
(33) European Patent Office (EPO)	China	(32) 06.11.2013
(51) C07D 319/06	(51) C07D 403/10	06.11.2013
C07D 493/10	C07D 403/14	06.11.2013
(11) EP3431479	C09K 11/06	(33) United States of America
(21) EP17766526.2	H01L 51/50	United States of America
(47) 26.08.2020	(11) EP3276697	United States of America
(87) JP2017009403	(21) EP16772422.8	(51) C07F 9/141
21.09.2017	(47) 26.08.2020	C08K 5/51
(22) 09.03.2017	(87) JP2016058877	C08L 23/00
(54) METHOD FOR PRODUCING DIOL HAVING CYCLIC ACETAL SKELETON	06.10.2016	C08L 101/00
(73) Mitsubishi Gas Chemical Company, Inc.	(22) 18.03.2016	C09K 15/32
(72) YAMANE, Masahiro	(54) ORGANIC ELECTROLUMINESCENT ELEMENT, ELECTRONIC DEVICE AND COMPOUND	(11) EP3257858
(31) 2016050882	(73) Idemitsu Kosan Co., Ltd	(21) EP16749161.2
(32) 15.03.2016	(72) YOSHIDA Kei	(47) 26.08.2020
(33) Japan	HASHIMOTO Ryohei	(87) JP2016053474
(51) C07D 333/54	OGIWARA Toshinari	18.08.2016
C07D 333/56	KAWAMURA Yuichiro	(22) 05.02.2016
C07D 333/62	SAITO Masatoshi	(54) PHOSPHOROUS ACID COMPOUND, METHOD FOR PRODUCING SAID COMPOUND, AND USE OF SAID COMPOUND
C09K 19/04	(31) 2015067466	(73) SUMITOMO CHEMICAL COMPANY, LIMITED
C09K 19/10	(32) 27.03.2015	(72) MATSUMOTO, Shuhei
C09K 19/12	(33) Japan	KIMURA, Natsuko
C09K 19/18	(51) C07D 519/00	(31) 2015025727
C09K 19/30	(11) EP3490996	(32) 12.02.2015
C09K 19/32	(21) EP17754278.4	(33) Japan
C09K 19/34	(47) 26.08.2020	(51) C07F 9/165
C09K 19/42	(87) EP2017068950	C07F 9/40
C09K 19/52	01.02.2018	C08G 59/24
C09K 19/54	(22) 27.07.2017	C08G 59/40
G02F 1/13		
G02F 1/1333		
(11) EP3305774		
(21) EP16807235.3		



C08G 59/68	12.12.2014	G01N 33/50
C09K 21/12	(33) United States of America	C12N 5/0783
(11) EP3283495	United States of America	(11) EP3392270
(21) EP16718293.0	(51) C07K 1/16	(21) EP18175738.6
(47) 26.08.2020	C07K 1/18	(47) 26.08.2020
(87) EP2016058249	C07K 1/34	(22) 11.09.2012
20.10.2016	C07K 16/00	(54) T CELL RECEPTORS RECOGNIZING
(22) 14.04.2016	(11) EP3512866	HLA-A1- OR HLA-CW7-RESTRICTED
(54) HARDENER AND CURE ACCELERANT	(21) EP17778206.7	MAGE
WITH FLAME RETARDANCY EFFECT	(47) 26.08.2020	(73) The United States of America,
FOR CURING EPOXY RESINS (II)	(87) EP2017073332	as Represented by the Secretary
(73) AlzChem Trostberg GmbH	22.03.2018	Department of Health and Human
(72) EIBMANN, Frank	(22) 15.09.2017	Services
EBNER, Martin	(54) THE USE OF A POLYMERIC MESH	(72) ROBBINS, Paul F.
KRIMMER, Hans-Peter	FOR THE PURIFICATION OF	ROSENBERG, Steven A.
KRAMMER, Doris	MACROMOLECULES	ZHU, Shiqui
(31) 102015004955	(73) Klawego GmbH & Co. KG	FELDMAN, Steven A.
(32) 17.04.2015	(72) GOTTSCHALL, Klaus	MORGAN, Richard A.
(33) Germany	BRITSCH, Lothar	(31) 201161535086 P
(51) C07H 1/00	GOTTSCHALL, Evelyn	(32) 15.09.2011
C07H 3/06	(31) 16189065	(33) United States of America
A23L 33/21	(32) 15.09.2016	(51) C07K 14/47
(11) EP3056506	(33) European Patent Office (EPO)	C07K 14/78
(21) EP16155976.0	(51) C07K 7/04	G01N 33/574
(47) 26.08.2020	C07K 14/00	(11) EP3224277
(22) 16.02.2016	G01N 33/564	(21) EP15805710.9
(54) MALTOOLIGOSACCHARIDES HAVING	(11) EP3167287	(47) 26.08.2020
A HIGH FIBER CONTENT AND A	(21) EP15744886.1	(87) US2015062485
LOW GLUCOSE BIOAVAILABILITY,	(47) 26.08.2020	02.06.2016
PROCESS FOR THE PREPARATION	(87) EP2015065268	(22) 24.11.2015
THEREOF AND USE THEREOF IN	14.01.2016	(54) NOVEL PD-L1 BINDING
HUMAN AND ANIMAL NUTRITION	(22) 04.07.2015	POLYPEPTIDES FOR IMAGING
(73) Roquette Frères	(54) MARKER SEQUENCES FOR	(73) Bristol-Myers Squibb Company
(72) DUFLOT, Pierrick	DIAGNOSING AND STRATIFYING	(72) MORIN, Paul, E.
ROTURIER, Jean-Michel	SYSTEMIC SCLEROSIS PATIENTS	DONNELLY, David
BOIT, Baptiste	(73) Oncimmune Germany GmbH	LIPOVSEK, Dasa
LANOS, Pierre	(72) BUDDE, Petra	GOKEMEIJER, Jochem
JEROSCH, Heike	SCHULZ-KNAPPE, Peter	JURE-KUNKEL, Maria, N.
(31) 1551274	LÜKING, Angelika	FABRIZIO, David
(32) 16.02.2015	GAMER, Martin	WRIGHT, Martin, C.
(33) France	(31) 14176035	DISCHINO, Douglas
(51) C07H 3/04	(32) 07.07.2014	BONACORSI, Samuel, J.
C07H 15/04	(33) European Patent Office (EPO)	SMITH, Ralph, Adam
C07H 15/18	(51) C07K 14/435	LAFONT, Virginie
C07H 17/075	C12Q 1/37	COHEN, Daniel
C12Q 1/34	(11) EP3404112	(31) 201462084298 P
G01N 27/327	(21) EP18176287.3	(32) 25.11.2014
(11) EP3149212	(47) 26.08.2020	(33) United States of America
(21) EP15799039.1	(22) 24.10.2014	(51) C07K 14/55
(47) 26.08.2020	(54) ENZYME ASSAY WITH DUPLICATE	(11) EP3280725
(87) US2015033512	FLUOROPHORES	(21) EP16726999.2
03.12.2015	(73) BioMadison, Inc.	(47) 26.08.2020
(22) 01.06.2015	(72) TUCKER, Ward C.	(87) US2016030843
(54) ELECTROCHEMICAL METHODS AND	(31) 201361895533 P	13.10.2016
COMPOUNDS FOR THE DETECTION	201361897352 P	(22) 04.05.2016
OF ENZYMES	201462014586 P	(54) INTERLEUKIN-2 MUTEINS FOR THE
(73) Georgia State University Research	201462058532 P	EXPANSION OF T-REGULATORY
Foundation, Inc.	(32) 25.10.2013	CELLS
(72) IYER, Suri Saranathan	30.10.2013	(73) Amgen Inc.
DHAWANE, Abasaheb	19.06.2014	(72) BUTZ, Eric Alan
HE, Yun	01.10.2014	THOMSON, Christy Ann
ZHANG, Xiaohu	(33) United States of America	GAVIN, Marc Alain
DINH, Hieu	United States of America	FOLTZ, Ian Nevin
VASIREDDI, Mugdha	United States of America	XIA, Dong
SWEENEY, Joyce	United States of America	ALCORN, Dina N.
(31) 201462005407 P	(51) C07K 14/47	LIM, Ai Ching
201462091205 P	C07K 14/705	KETCHEM, Randal Robert
(32) 30.05.2014	C07K 16/28	MANCHULENKO, Kathy

SEKIROV, Laura	(31) 134331 P	(21) EP16202303.0
BERRY, Kelly Ann	208583 P	(47) 26.08.2020
DE IMUS, Cyr Clovis Chua	(32) 09.07.2008	(22) 05.12.2016
AGRAWAL, Neeraj Jagdish	25.02.2009	(54) POWER TRANSMISSION BELT
KANNAN, Gunasekaran	(33) United States of America	(73) Dayco Europe S.R.L.
LI, Li	United States of America	ARLANXEO Deutschland GmbH
(51) C07K 14/725	(51) C07K 16/18	(72) CASAGRANDE, Giacomo
C12N 9/22	C12N 5/16	LUCCHESI, Ivonne
C12N 15/10	C12N 15/85	DI MECO, Marco
C12N 15/63	G01N 33/68	DELLI ROCIOLI, Massimiliano
C12N 15/864	(11) EP3350219	D'AURIA, Alessandro
C12N 15/90	(21) EP16763839.4	(51) C08C 19/08
C12N 5/0783	(47) 26.08.2020	C08J 11/28
C12N 15/113	(87) EP2016071508	(11) EP3514200
(11) EP3132030	23.03.2017	(21) EP19153050.0
(21) EP15721400.8	(22) 13.09.2016	(47) 26.08.2020
(47) 26.08.2020	(54) MAMMALIAN DICKKOPF 3 (DKK3)	(22) 22.01.2019
(87) US2015026504	AS URINARY MARKER FOR RENAL	(54) A METHOD OF DEVULCANIZING A
22.10.2015	INTERSTITIAL FIBROSIS/TUBULAR	RUBBER VULCANIZATE
(22) 17.04.2015	ATROPHY (IF/TA) AND PROGRESSIVE	(73) Kargro Recycling B.V.
(54) CRISPR-CAS-RELATED METHODS,	KIDNEY FAILURE	(72) Van den Brand, Johannes Hendrikus
COMPOSITIONS AND COMPONENTS	(73) Deutsches Krebsforschungszentrum,	Dierkes, Wilma Karola
FOR CANCER IMMUNOTHERAPY	Stiftung des öffentlichen Rechts	Noordermeer, Jacobus Wilhelmus Maria
(73) Editas Medicine, Inc.	(72) GRÖNE, Hermann-Josef	(31) 2020302
(72) WELSTEAD, G. Grant	ARNOLD, Bernd	(32) 22.01.2018
FRIEDLAND, Ari E.	(31) 15185930	(33) Netherlands
MAEDER, Morgan L.	(32) 18.09.2015	(51) C08F 2/00
BUMCROT, David A.	(33) European Patent Office (EPO)	C08F 2/32
(31) 201461981636 P	(51) C07K 16/28	C08F 20/00
201562138246 P	(11) EP3275899	C08F 220/06
(32) 18.04.2014	(21) EP17177885.5	C08F 220/34
25.03.2015	(47) 26.08.2020	C08F 220/54
(33) United States of America	(22) 02.07.2013	C08F 228/02
United States of America	(54) OPTIMIZATION OF ANTIBODIES THAT	C08L 33/00
(51) C07K 14/74	BIND LYMPHOCYTE ACTIVATION	(11) EP3116919
(11) EP3426681	GENE-3 (LAG-3), AND USES THEREOF	(21) EP15721834.8
(21) EP17709093.3	(73) Bristol-Myers Squibb Company	(47) 26.08.2020
(47) 26.08.2020	(72) LONBERG, Nils	(87) IB2015051733
(87) EP2017055373	SRINIVASAN, Mohan	17.09.2015
14.09.2017	(31) 201261667058 P	(22) 10.03.2015
(22) 07.03.2017	(32) 02.07.2012	(54) NEW POLYELECTROLYTIC
(54) HLA-B57 OPEN CONFORMERS	(33) United States of America	POLYMERS, PROCESS FOR THEIR
(73) Universität Basel	(51) C08B 16/00	PREPARATION AND USES THEREOF
Universität Zürich	C08J 5/18	(73) Italmatch Chemicals S.P.A.
(72) MARROQUIN BELAUNZARAN, Osiris	C08L 97/02	(72) BARBIERI, Antonio Alberto Lucio
RENNER, Christoph	C08H 8/00	CRISCI, Manuela
PETRAUSCH, Ulf	(11) EP3571233	(31) RM20140119
(31) 16159099	(21) EP18701231.5	(32) 11.03.2014
(32) 08.03.2016	(47) 26.08.2020	(33) Italy
(33) European Patent Office (EPO)	(87) IB2018050146	(51) C08F 2/01
(51) C07K 16/00	26.07.2018	C08F 2/04
C12N 5/10	(22) 10.01.2018	C08F 2/06
C12N 15/10	(54) A PROCESS FOR THE PREPARATION	C08F 6/06
C40B 30/04	OF BIODEGRADABLE PLASTIC FILMS	C08F 6/10
(11) EP2304029	(73) Fondazione Istituto Italiano di Tecnologia	C08F 10/02
(21) EP09790044.3	(72) PEROTTO, Giovanni	C08F 10/06
(47) 26.08.2020	BAYER, Ilker	(11) EP3507310
(87) US2009049507	ATHANASIOU, Athanasia	(21) EP17740893.7
14.01.2010	(31) 201700004597	(47) 26.08.2020
(22) 02.07.2009	(32) 17.01.2017	(87) US2017041554
(54) SURFACE DISPLAY OF WHOLE	(33) Italy	08.03.2018
ANTIBODIES IN EUKARYOTES	(51) C08C 19/02	(22) 11.07.2017
(73) Merck Sharp & Dohme Corp.	C08F 236/12	(54) SPIRAL HEAT EXCHANGER AS
(72) BIANKA, Prinz	C08K 7/14	A PREHEATER IN POLYMER
SETHURAMAN, Natarajan	C08L 15/00	DEVOLATILIZATION PROCESSES
ZHA, Dongxing	F16G 1/08	(73) ExxonMobil Chemical Patents Inc.
WILDT, Stefan	F16G 1/28	(72) HONG, Yifeng
BOBROWICZ, Piotr	(11) EP3330294	REIMERS, Jay, L.

(31) 201662381777 P 16194125	(73) Allnex Netherlands B.V.	D21H 17/37
(32) 31.08.2016	(72) MESTACH, Dirk Emiel Paula	D21H 17/56
17.10.2016	ADOLPHS, Rob	(11) EP3486368
(33) United States of America	BERRY, Adam	(21) EP17850457.7
European Patent Office (EPO)	PAULIS, Maria	(47) 26.08.2020
(51) C08F 2/02	BARANDIARAN, Maria	(87) JP2017010127
C08F 2/38	ASUA, José	22.03.2018
C08F 14/06	GOIKOETXEA, Monika	(22) 14.03.2017
C08K 5/00	BERISTAIN, Itxaso	(54) METHOD FOR MANUFACTURING
C08K 5/372	(31) 10158835	PAPER, DEVICE FOR
(11) EP3404048	(32) 31.03.2010	MANUFACTURING ADDITIVE FOR
(21) EP17853382.4	(33) European Patent Office (EPO)	MANUFACTURING PAPER, AND
(47) 26.08.2020	(51) C08F 4/02	DEVICE FOR MANUFACTURING
(87) KR2017010247	C08F 4/654	PAPER
29.03.2018	C08F 10/00	(73) Kurita Water Industries Ltd.
(22) 19.09.2017	(11) EP2495261	(72) CHEN, Jiayi
(54) METHOD FOR PREPARING VINYL	(21) EP10825929.2	(31) 2016182234
CHLORIDE BASED POLYMER	(47) 26.08.2020	(32) 16.09.2016
(73) LG Chem, Ltd.	(87) CN2010001604	(33) Japan
(72) LEE, Se Woong	05.05.2011	(51) C08F 8/46
AHN, Seong Yong	(22) 13.10.2010	C08F 279/02
KIM, Kun Ji	(54) SUPPORTED NON-METALLOCENE	C08K 5/37
HA, Hyun Kyou	CATALYST, MANUFACTURING	C08L 7/00
(31) 20160122459	METHOD AND APPLICATION	C08L 9/00
(32) 23.09.2016	THEREOF	(11) EP3397666
(33) Korea (Republic)	(73) China Petroleum & Chemical Corporation	(21) EP16882629.5
(51) C08F 2/22	Sinopec Yangzi Petrochemical Company	(47) 26.08.2020
C08F 265/06	Ltd.	(87) US2016069072
C08G 59/50	(72) LI, Chuanfeng	06.07.2017
C08L 51/00	REN, Hongping	(22) 29.12.2016
C08L 51/06	YAO, Xiaoli	(54) POLYOLEFIN GRAFTED POLYDIENE
C08L 63/00	MA, Zhonglin	POLYMERS, AND METHODS OF
(11) EP2395032	GUO, Feng	MAKING AND USING SAME
(21) EP10738577.5	WANG, Kaixiu	(73) Bridgestone Corporation
(47) 26.08.2020	LIU, Jingwei	(72) HOGAN, Terrence E.
(87) JP2010051575	WANG, Yaming	GOZEN, Arif O.
12.08.2010	YANG, Lijuan	ULMER, James D.
(22) 04.02.2010	(31) 200910180100	(31) 201562272121 P
(54) POWDERY VINYL POLYMER,	200910180607	(32) 29.12.2015
CURABLE RESIN COMPOSITION, AND	200910180601	(33) United States of America
CURED OBJECT	200910180606	(51) C08F 18/20
(73) Mitsubishi Chemical Corporation	(32) 26.10.2009	(11) EP2841468
(72) FUKUTANI, Kaori	26.10.2009	(21) EP13781311.9
KASAI, Toshihiro	26.10.2009	(47) 26.08.2020
(31) 2009024751	26.10.2009	(87) US2013031060
2009193366	(33) China	31.10.2013
(32) 05.02.2009	China	(22) 13.03.2013
24.08.2009	China	(54) UNSATURATED FATTY ALCOHOL
(33) Japan	China	ALKOXYLATES FROM NATURAL OIL
Japan	(51) C08F 4/629	METATHESIS
(51) C08F 2/24	C08F 4/69	(73) Stepan Company
C08F 283/00	C08F 10/00	(72) ALLEN, David, R.
C08F 283/01	(11) EP2935352	ALONSO, Marcos
C08F 290/06	(21) EP13802632.3	BEDDAOUI, Mary
C08L 51/08	(47) 26.08.2020	BERNHARDT, Randal, J.
C09D 5/02	(87) EP2013076044	BROWN, Aaron
C09D 151/08	26.06.2014	DONG, Xue, Min
C09J 151/08	(22) 10.12.2013	GORMAN, Wilma
C09D 11/10	(54) POLYMERISATION OF ETHYLENE	HUTCHISON, John, C.
(11) EP2552978	IN THE PRESENCE OF A	LUEBKE, Gary
(21) EP11711366.2	SILYLCHROMATE BASED CATALYST.	LUKA, Renee
(47) 26.08.2020	(73) Saudi Basic Industries Corporation	LUXEM, Franz
(87) EP2011055037	(72) ALIYEV, Vugar	MALEC, Andrew, D.
06.10.2011	(31) 12075139	MASTERS, Ronald, A.
(22) 31.03.2011	(32) 19.12.2012	MURPHY, Dennis, S.
(54) WATERBORNE HYBRID POLYMER	(33) European Patent Office (EPO)	SKELTON, Patti
DISPERSION	(51) C08F 8/00	SOOK, Brian
	C08F 20/56	SPAULDING, Chris

WIESTER, Michael	(87) JP2015068086	(11) EP2855590
WOLFE, Patrick, Shane	30.12.2015	(21) EP13793411.3
(31) 201261637607 P	(22) 23.06.2015	(47) 26.08.2020
(32) 24.04.2012	(54) MONOMER COMPOSITION	(87) JP2013064969
(33) United States of America	AND CURABLE COMPOSITION	28.11.2013
(51) C08F 20/06	CONTAINING SAME	(22) 23.05.2013
C08F 120/06	(73) Daicel Corporation	(54) POLYMER COMPOSITION
C08F 220/06	(72) MIZUTA, Tomoya	(73) Henkel AG & Co. KGaA
C08K 3/26	INOUE, Keizo	(72) ISOBE, Yukio
C08L 33/02	(31) 2014133057	(31) 2012120291
(11) EP2997051	(32) 27.06.2014	(32) 25.05.2012
(21) EP14723383.7	(33) Japan	(33) Japan
(47) 26.08.2020	(51) C08F 220/34	(51) C08G 2/06
(87) EP2014058670	C08F 220/56	C08G 2/10
20.11.2014	C08F 220/58	C08G 2/18
(22) 29.04.2014	C08F 226/10	C08G 2/28
(54) SUPERABSORBENT POLYMER WITH	C09K 8/588	(11) EP2927254
HIGH PERMEABILITY	(11) EP2804921	(21) EP13858778.7
(73) Evonik Operations GmbH	(21) EP13705586.9	(47) 26.08.2020
(72) WATTEBLÉD, Laurent	(47) 26.08.2020	(87) JP2013079011
HENN, Markus	(87) IB2013050349	05.06.2014
TENI, Rainer	25.07.2013	(22) 25.10.2013
(31) 102013209023	(22) 14.01.2013	(54) PRODUCTION METHOD FOR
(32) 15.05.2013	(54) PROCESS FOR THE ENHANCED	POLYACETAL COPOLYMER
(33) Germany	RECOVERY OF OIL BY INJECTION OF	(73) Polyplastics Co., Ltd.
(51) C08F 122/02	A POLYMER SOLUTION	(72) MASUDA, Eiji
(11) EP2555921	(73) S.P.C.M. SA	MONMA, Tomohiro
(21) EP11754267.0	(72) FAVERO, Cédrick	HORIGUCHI, Tadaihiro
(47) 26.08.2020	(31) 1250582	(31) 2012258876
(87) US2011028860	(32) 20.01.2012	(32) 27.11.2012
15.09.2011	(33) France	(33) Japan
(22) 17.03.2011	(51) C08F 220/44	(51) C08G 18/02
(54) REGULATED AND CONTINUOUS	C08F 283/06	C08G 18/22
POLYMERIZATION OF	C08G 18/32	C08G 18/62
POLYCARBOXYLIC ACID MONOMERS	C08G 18/48	C08G 18/72
(73) Itaconix Corporation	C08G 18/63	C08G 18/73
(72) DURANT, Yvon	C08G 18/66	C08G 18/79
SHAW, John	C08G 18/76	C08G 18/81
(51) C08F 136/04	C08G 65/28	B33Y 10/00
(11) EP3464393	C08G 101/00	(11) EP3538584
(21) EP17734475.1	C08J 9/14	(21) EP17797645.3
(47) 26.08.2020	C08L 51/08	(47) 26.08.2020
(87) IB2017053142	C08L 71/02	(87) EP2017079155
07.12.2017	(11) EP3480226	17.05.2018
(22) 29.05.2017	(21) EP17826966.8	(22) 14.11.2017
(54) OXO-NITROGENATED IRON	(47) 26.08.2020	(54) METHOD OF MAKING AN OBJECT
COMPLEX, CATALYTIC SYSTEM	(87) CN2017092450	FROM A PRECURSOR AND USE OF
COMPRISING SAID OXO-	18.01.2018	A RESIN WHICH CAN BE RADICALLY
NITROGENATED IRON COMPLEX	(22) 11.07.2017	CROSSLINKED BY MEANS OF AN
AND PROCESS FOR THE	(54) COMPOSITION CAPABLE OF	ADDITIVE PRODUCTION METHOD
(CO)POLYMERIZATION OF	SUBSTITUTING USE OF STYRENE-	(73) Covestro Deutschland AG
CONJUGATED DIENES	ACRYLONITRILE COPOLYMER POP	(72) ACHTEN, Dirk
(73) Versalis S.p.A.	(73) Jiahua Science&Technology	BÜSGEN, Thomas
(72) PAMPALONI, Guido	Development (Shanghai ) Ltd.	TILLACK, Jörg
SOMMAZZI, Anna	Jiahua Chemicals Inc.	LUDEWIG, Michael
RICCI, Giovanni	(72) GUAN, Yongjian	TOMCZYK, Christoph
MASI, Francesco	SONG, Baoning	WAGNER, Roland
LEONE, Giuseppe	LI, Yubo	(31) 16198688
(31) UA20030932	(31) 201610546052	(32) 14.11.2016
(32) 30.05.2016	(32) 12.07.2016	(33) European Patent Office (EPO)
(33) Italy	(33) China	(51) C08G 18/08
(51) C08F 216/16	(51) C08F 255/02	C08G 18/10
C09D 4/00	C08L 23/36	C08G 18/32
C09D 11/101	C08L 51/06	C08G 18/34
C09D 11/30	C08L 77/08	C08G 18/66
(11) EP3162822	C08L 87/00	C08G 18/67
(21) EP15812646.6	C09J 151/06	C08G 18/75
(47) 26.08.2020	C09J 177/08	C09D 175/14

(11) EP3233958	13.03.2017	(47) 26.08.2020
(21) EP15804843.9	(33) European Patent Office (EPO)	(87) GB2013050458
(47) 26.08.2020	European Patent Office (EPO)	29.08.2013
(87) EP2015078821	(51) C08G 18/32	(22) 25.02.2013
23.06.2016	C08G 18/71	(54) ORGANIC SEMICONDUCTOR
(22) 07.12.2015	C08G 18/80	COMPOSITIONS
(54) RADIATION CURABLE COATING	C08G 77/388	(73) Smartkem Limited
COMPOSITION BASED ON CHAIN-	C09D 5/16	(72) GRIFFITHS, Russell Jon
EXTENDED AND CROSS-LINKED	C09D 175/04	(31) 201203159
POLYURETHANES	C09D 183/06	(32) 23.02.2012
(73) BASF SE	(11) EP3356444	(33) United Kingdom
(72) BERGER, Sebastian	(21) EP16775665.9	(51) C08G 61/02
THÜRY, Peter	(47) 26.08.2020	C08G 61/12
NEUMANN, Susanne	(87) EP2016073218	C08K 5/01
ROESCH, Christine	06.04.2017	C08L 65/00
BURKHARDT, Uwe	(22) 29.09.2016	C09D 165/00
ANDES, Katharina	(54) ISOCYANATE ALKYLALKOXYSILANE	H01B 1/12
WAHL, Stefan	ADDUCTS MODIFIED WITH SILICONE	H01L 51/00
BIEHLER, Manfred	INTERMEDIATES AND THEIR USE	H01L 51/05
ROLLER, Sebastian	(73) Evonik Operations GmbH	H01L 51/42
(31) 14198469	(72) STACHE, Wiebke	(11) EP2817352
(32) 17.12.2014	HALLACK, Markus	(21) EP13706699.9
(33) European Patent Office (EPO)	LILIENHAL, Annegret	(47) 26.08.2020
(51) C08G 18/10	BALLAUF, Sina	(87) GB2013050459
C08G 18/46	BAUER, Tina	29.08.2013
C08G 18/48	KLAWIKOWSKI, Ralf	(22) 25.02.2013
C08G 18/75	KLOTZBACH, Thomas	(54) ORGANIC SEMICONDUCTOR
C08L 101/10	(31) 15187571	COMPOSITIONS
C09K 3/10	(32) 30.09.2015	(73) Smartkem Limited
(11) EP2852635	(33) European Patent Office (EPO)	(72) GRIFFITHS, Russell Jon
(21) EP13725618.6	(51) C08G 18/42	(31) 201203159
(47) 26.08.2020	C08G 18/48	(32) 23.02.2012
(87) EP2013060657	C08G 18/76	(33) United Kingdom
28.11.2013	C08K 5/06	(51) C08G 63/06
(22) 23.05.2013	C08L 27/06	C08K 5/053
(54) COMPOSITION BASED ON SILANE-	C08L 67/00	C08K 5/20
TERMINATED POLYMERS THAT DOES	C08L 75/04	D01D 5/16
NOT SPLIT OFF METHANOL DURING	C09D 5/00	D01F 1/10
CURING	C09D 127/06	D01F 6/62
(73) Sika Technology AG	C09D 167/00	D01F 6/84
(72) CHOFFAT, Fabien	C09J 5/02	D01F 6/92
NESTLER, Manuel	C09D 7/20	D04H 3/011
(31) 12169153	C08J 7/04	(11) EP3404130
(32) 23.05.2012	(11) EP3265510	(21) EP17738433.6
(33) European Patent Office (EPO)	(21) EP16711078.2	(47) 26.08.2020
(51) C08G 18/32	(47) 26.08.2020	(87) JP2017000633
C08G 18/69	(87) US2016020894	20.07.2017
C08G 18/76	15.09.2016	(22) 11.01.2017
C08G 18/82	(22) 04.03.2016	(54) BIODEGRADABLE ALIPHATIC
C08G 18/86	(54) SOLVENT BASED PRIMER	POLYESTER-BASED FIBER AND
C08G 18/87	COMPOSITION	METHOD FOR PRODUCING SAME
C08L 75/14	(73) H. B. Fuller Company	(73) Tokyo Institute of Technology
(11) EP3433295	(72) GUMMERSHEIMER, Peter, P.	Kaneka Corporation
(21) EP17710564.0	SCHUH, Marc J.	(72) KIKUTANI, Takeshi
(47) 26.08.2020	(31) 201562129537 P	TAKARADA, Wataru
(87) EP2017056333	(32) 06.03.2015	SUZUKI, Noriyuki
28.09.2017	(33) United States of America	SITI, Sarah
(22) 17.03.2017	(51) C08G 61/02	FUKUDA, Ryuji
(54) CROSSLINKED POLYURETHANE	C08G 61/12	(31) 2016003715
(73) BASF SE	C08K 5/01	(32) 12.01.2016
(72) POESEL, Elmar	C08L 65/00	(33) Japan
POPPENBERG, Johannes	C09D 165/00	(51) C08G 63/08
ELING, Berend	H01B 1/12	C08G 63/82
NIMTZ, Fritz	H01L 51/00	C08G 69/14
FINK, Irina	H01L 51/05	(11) EP3280757
(31) 16161310	H01L 51/42	(21) EP16777493.4
17160616	(11) EP2817351	(47) 26.08.2020
(32) 21.03.2016	(21) EP13706698.1	(87) US2016026961

13.10.2016	(33) United Kingdom	PRODUCTION METHOD THEREOF
(22) 11.04.2016	(51) C08G 65/40	AND USES OF SAME
(54) RING-OPENING POLYMERIZATION	C08L 71/00	(73) Arkema France
METHODS AND RECYCLABLE	H04M 1/02	(72) CAPELOT, Mathieu
BIORENEWABLE POLYESTERS	(11) EP2935460	(31) 1752485
(73) Colorado State University Research	(21) EP13811491.3	(32) 24.03.2017
Foundation	(47) 26.08.2020	(33) France
(72) CHEN, Eugene Y.	(87) EP2013077176	(51) C08G 73/10
HONG, Miao	26.06.2014	G02F 1/1337
TANG, Xiaoyan	(22) 18.12.2013	(11) EP3196228
(31) 201562145940 P	(54) MOBILE ELECTRONIC DEVICE	(21) EP16844642.5
201662298236 P	(73) Solvay Specialty Polymers USA, LLC.	(47) 26.08.2020
201662306183 P	(72) EL-HIBRI, Mohammad Jamal	(87) KR2016009916
(32) 10.04.2015	THOMAS, David B.	16.03.2017
22.02.2016	(31) 201261740278 P	(22) 05.09.2016
10.03.2016	13154977	(54) POLYMER FOR LIQUID CRYSTAL
(33) United States of America	(32) 20.12.2012	ALIGNMENT AGENT
United States of America	12.02.2013	(73) LG Chem, Ltd.
United States of America	(33) United States of America	(72) JO, Jung Ho
(51) C08G 63/16	European Patent Office (EPO)	PARK, Hang Ah
C08G 63/82	(51) C08G 69/14	HAN, Hee
(11) EP3491044	C08G 69/26	KWON, Soon Ho
(21) EP17800930.4	C08L 77/02	YOON, Jun Young
(47) 26.08.2020	C08L 77/06	YUN, Hyeong Seuk
(87) IB2017054542	(11) EP3330319	(31) 20150127042
01.02.2018	(21) EP17203298.9	20160113223
(22) 26.07.2017	(47) 26.08.2020	(32) 08.09.2015
(54) METHOD OF REGIOSELECTIVE	(22) 23.11.2017	02.09.2016
SYNTHESIS OF POLYESTERS FROM	(54) POLYAMIDE MOULDING COMPOUNDS	(33) Korea (Republic)
ASYMMETRIC DIOLS	WITH LOW RELATIVE PERMITTIVITY	Korea (Republic)
(73) Versalis S.p.A.	(73) EMS-Patent AG	(51) C08G 77/04
(72) NODARI, Mirco	(72) Stöppelmann, Georg	C08K 3/08
LONGO, Aldo	Harder, Philipp	C08K 7/06
COLONNA, Martino	Aepli, Etienne	C08L 83/05
GIOIA, Claudio	Ebling, Ronny	C08L 83/07
(31) 201600078950	(31) 16201945	H01L 23/29
(32) 27.07.2016	(32) 02.12.2016	H01L 23/31
(33) Italy	(33) European Patent Office (EPO)	(11) EP3059286
(51) C08G 63/60	(51) C08G 69/26	(21) EP14854235.0
(11) EP3521334	C08K 7/14	(47) 26.08.2020
(21) EP17856274.0	C08L 77/06	(87) JP2014003968
(47) 26.08.2020	(11) EP3020746	23.04.2015
(87) JP2017035072	(21) EP15192178.0	(22) 29.07.2014
05.04.2018	(47) 26.08.2020	(54) SILICONE GEL COMPOSITION, AND
(22) 27.09.2017	(22) 29.10.2015	SILICONE GEL CURED PRODUCT
(54) COPOLYESTER RESIN	(54) POLYAMIDE MOULDING MATERIAL,	(73) Shin-Etsu Chemical Co., Ltd.
(73) Mitsubishi Gas Chemical Company, Inc.	MOULDED ARTICLE PRODUCED	(72) IKENO, Masayuki
(72) HONDA, Eiichi	FROM SAME, AND USES OF SAME	SATO, Kazuyasu
YOSHIMURA, Yasuaki	(73) EMS-PATENT AG	(31) 2013215989
NOGUCHI, Keita	(72) Koch, Felix	(32) 17.10.2013
SATAKE, Yuichiro	Hoffmann, Botho	(33) Japan
MOTOI, Takashi	(31) 14192659	(51) C08G 77/54
(31) 2016190344	(32) 11.11.2014	C08L 83/14
(32) 28.09.2016	(33) European Patent Office (EPO)	C09D 183/14
(33) Japan	(51) C08G 69/26	(11) EP3545019
(51) C08G 65/40	C08L 77/06	(21) EP17811472.4
(11) EP3274394	(11) EP3443022	(47) 26.08.2020
(21) EP16715043.2	(21) EP18715788.8	(87) EP2017079861
(47) 26.08.2020	(47) 26.08.2020	31.05.2018
(87) GB2016050870	(87) FR2018050710	(22) 21.11.2017
06.10.2016	27.09.2018	(54) SILOXAZANE COMPOUND AND
(22) 29.03.2016	(22) 23.03.2018	COMPOSITION COMPRISING
(54) POLYMERIC MATERIALS	(54) SEMI-CRYSTALLINE POLYAMIDE	THE SAME, AND METHOD FOR
(73) Victrex Manufacturing Limited	COMPOSITION HAVING A HIGH	PRODUCING SILICEOUS FILM USING
(72) SMALL, Geoff	GLASS TRANSITION TEMPERATURE	THE SAME
AINSWORTH, Richard	AND A HIGH MELTING TEMPERATURE	(73) Merck Patent GmbH
(31) 201505314	FOR A THERMOPLASTIC MATERIAL,	(72) OKAMURA, Toshiya
(32) 27.03.2015		NAKADAN, Naotaka

BARNICKEL, Bertram	(32) 16.01.2015	10.11.2011
KOZAKI, Rikio	25.09.2015	(22) 20.04.2011
NAKAMOTO, Naoko	(33) Japan	(54) SILICONE-BASED MATERIAL
(31) 2016228237	Japan	(73) 3M Innovative Properties Company
(32) 24.11.2016	(51) C08J 5/18	(72) PETT, Todd G.
(33) Japan	C08L 23/22	HEBRINK, Timothy J.
(51) C08J 3/02	C08L 101/02	JING, Naiyong
C08J 3/05	H01L 23/29	RIDDLE, Justin A.
C08K 3/22	(11) EP3012284	THOMPSON, David Scott
C08K 3/36	(21) EP14813975.1	HARTZELL, Andrew K.
C08K 5/06	(47) 26.08.2020	LIU, Junkang Jacob
C08L 25/18	(87) KR2014005386	(31) 390496 P
C08L 27/12	24.12.2014	328943 P
C08L 27/18	(22) 18.06.2014	(32) 06.10.2010
C08L 65/00	(54) COMPOSITION FOR ENCAPSULATION	28.04.2010
C08L 101/12	FILM, ENCAPSULATION FILM, AND	(33) United States of America
C09D 165/00	ELECTRONIC DEVICE COMPRISING	United States of America
H01B 1/12	SAME	(51) C08J 9/00
H01B 1/20	(73) LG Chem, Ltd.	C08J 9/06
C08K 3/00	(72) SHIM, Jung Sup	C08J 9/08
(11) EP2421918	CHO, Yoon Gyung	C08J 9/10
(21) EP10767681.9	CHANG, Suk Ky	C08J 9/12
(47) 26.08.2020	YOO, Hyun Jee	C08J 9/14
(87) US2010031836	LEE, Seung Min	C08L 23/06
28.10.2010	BAE, Kyung Yul	H01B 3/44
(22) 21.04.2010	(31) 20130070636	(11) EP2935424
(54) ELECTRICALLY CONDUCTIVE	(32) 19.06.2013	(21) EP13808396.9
POLYMER COMPOSITIONS AND	(33) Korea (Republic)	(47) 26.08.2020
FILMS MADE THEREFROM	(51) C08J 5/18	(87) US2013072621
(73) LG Chem, Ltd.	H01L 23/36	26.06.2014
(72) HSU, Che-Hsiung	H01L 23/373	(22) 02.12.2013
(31) 171174 P	H05K 7/20	(54) POLYOLEFIN-BASED CABLE
(32) 21.04.2009	(11) EP2871204	COMPOUND FORMULATION FOR
(33) United States of America	(21) EP13816405.8	IMPROVED FOAMABILITY AND
(51) C08J 5/04	(47) 26.08.2020	ENHANCED PROCESSABILITY
C08J 5/06	(87) JP2013068667	(73) Dow Global Technologies LLC
C08K 3/04	16.01.2014	(72) LEE, Day-Chyuan
C08K 5/17	(22) 08.07.2013	(31) 201261740715 P
C08L 23/10	(54) METHOD FOR PRODUCING	(32) 21.12.2012
C08L 23/14	THERMALLY CONDUCTIVE SHEET	(33) United States of America
C08L 23/26	(73) Dexerials Corporation	(51) C08J 9/224
D06M 13/328	(72) ARAMAKI Keisuke	(11) EP3095811
D06M 15/227	(31) 2012153146	(21) EP14879190.8
D06M 101/40	(32) 07.07.2012	(47) 26.08.2020
(11) EP3246460	(33) Japan	(87) JP2014084194
(21) EP16737423.0	(51) C08J 5/18	23.07.2015
(47) 26.08.2020	H01L 23/36	(22) 24.12.2014
(87) JP2016050992	H05K 7/20	(54) PROPYLENE-BASED RESIN FOAM
21.07.2016	(11) EP2871205	PARTICLE AND FOAM PARTICLE
(22) 14.01.2016	(21) EP13816807.5	MOLDED BODY
(54) REINFORCING FIBER BUNDLE	(47) 26.08.2020	(73) JSP CORPORATION
AND CARBON-FIBER-REINFORCED	(87) JP2013068478	(72) ONO, Michitoshi
THERMOPLASTIC RESIN MOLDED	16.01.2014	KITAHARA, Taizo
ARTICLE, AND METHOD FOR	(22) 05.07.2013	TSURUGAI, Kazuo
MANUFACTURING REINFORCING	(54) METHOD FOR PRODUCING	(31) 2014007059
FIBER BUNDLE	THERMALLY CONDUCTIVE SHEET	(32) 17.01.2014
(73) Mitsui Chemicals, Inc.	(73) Dexerials Corporation	(33) Japan
Formosa Plastics Corporation	(72) ARAMAKI Keisuke	(51) C08K 3/04
(72) NAGAI, Naoshi	(31) 2012153146	C08L 101/00
ISAKI, Takeharu	(32) 07.07.2012	H01L 23/36
SHIMIZU, Masaki	(33) Japan	H01L 23/373
ISHIKAWA, Junichi	(51) C08J 7/12	H01L 23/42
KIKUCHI, Kazuaki	C09D 5/00	H05K 7/20
YI, Chuan Chang	C09D 183/00	(11) EP3419399
KAI, Cheng Yen	(11) EP2563848	(21) EP17782136.0
MIN, Yuan Lin	(21) EP11717145.4	(47) 26.08.2020
(31) 2015006559	(47) 26.08.2020	(87) JP2017007389
2015188579	(87) US2011033273	19.10.2017

- |                                               |                                          |                                         |
|-----------------------------------------------|------------------------------------------|-----------------------------------------|
| (22) 27.02.2017                               | (31) 2012197957                          | (33) Korea (Republic)                   |
| (54) HEAT CONDUCTIVE SHEET                    | (32) 07.09.2012                          | Korea (Republic)                        |
| (73) SEKISUI POLYMATECH CO., LTD.             | (33) Japan                               | <hr/>                                   |
| (72) KUDOH, Hiroki                            | (51) C08K 9/04                           | (51) C08L 83/04                         |
| (31) 2016079171                               | C08K 9/08                                | C09D 183/04                             |
| (32) 11.04.2016                               | C09C 1/02                                | (11) EP3545041                          |
| (33) Japan                                    | C09C 3/04                                | (21) EP17823251.8                       |
| <hr/>                                         | C09C 3/08                                | (47) 26.08.2020                         |
| (51) C08K 5/02                                | C09C 3/10                                | (87) US2017062669                       |
| C09D 201/00                                   | (11) EP2651814                           | 31.05.2018                              |
| C09K 5/04                                     | (21) EP11848177.9                        | (22) 21.11.2017                         |
| C11D 7/50                                     | (47) 26.08.2020                          | (54) UV CURABLE ADHESIVE AND            |
| C11D 11/00                                    | (87) US2011064331                        | COATING COMPOSITIONS ACTIVATED          |
| C09D 7/20                                     | 21.06.2012                               | BY SURFACE HYDROXYL GROUPS              |
| (11) EP3330346                                | (22) 12.12.2011                          | OR MOISTURE                             |
| (21) EP16830115.8                             | (54) DRY, SURFACE-MODIFIED               | (73) Gelest Technologies, Inc.          |
| (47) 26.08.2020                               | NANOCALCITE                              | (72) ARKLES, Barry, C.                  |
| (87) JP2016062475                             | (73) 3M Innovative Properties Company    | GOFF, Jonathan, D.                      |
| 02.02.2017                                    | (72) CONDO, Peter D.,                    | (31) 201662425771 P                     |
| (22) 20.04.2016                               | SCHULTZ, William J.,                     | (32) 23.11.2016                         |
| (54) SOLVENT COMPOSITION, CLEANING            | HARALDSON, Chad A.,                      | (33) United States of America           |
| METHOD, METHOD OF FORMING A                   | WU, Jung-Sheng,                          | <hr/>                                   |
| COATING FILM, HEAT TRANSFER                   | (31) 422417 P                            | (51) C09B 61/00                         |
| MEDIUM, AND HEAT CYCLE SYSTEM                 | 201161561363 P                           | C12M 1/00                               |
| (73) AGC Inc.                                 | (32) 13.12.2010                          | C12N 1/22                               |
| (72) NAKAMURA Masahiko                        | 18.11.2011                               | (11) EP3385334                          |
| MITSUOKA Hiroaki                              | (33) United States of America            | (21) EP17164705.0                       |
| ICHINOKAWA Mari                               | United States of America                 | (47) 26.08.2020                         |
| FUJIMORI Atsushi                              | <hr/>                                    | (22) 04.04.2017                         |
| OKAMOTO Hidekazu                              | (51) C08K 9/08                           | (54) METHOD FOR EXTRACTING              |
| (31) 2015148070                               | C09D 5/00                                | HYDROPHOBIC COMPOUNDS                   |
| 2016005952                                    | C09D 15/00                               | (73) SSC Strategic Science Consult GmbH |
| (32) 27.07.2015                               | C09D 7/40                                | (72) Kerner, Martin                     |
| 15.01.2016                                    | C09D 7/62                                | <hr/>                                   |
| (33) Japan                                    | (11) EP3178888                           | (51) C09D 5/00                          |
| Japan                                         | (21) EP15198350.9                        | (11) EP3498784                          |
| <hr/>                                         | (47) 26.08.2020                          | (21) EP17207816.4                       |
| (51) C08K 7/06                                | (22) 08.12.2015                          | (47) 26.08.2020                         |
| C08L 101/00                                   | (54) FILLER FOR A SURFACE TREATMENT      | (22) 15.12.2017                         |
| (11) EP3268425                                | COMPOSITION                              | (54) COATING COMPOSITION, METHOD        |
| (21) EP16761173.0                             | (73) Gebrüder Dorfner GmbH & Co. Kaolin- | FOR PRODUCING THE COATING               |
| (47) 26.08.2020                               | und Kristallquarzsand-Werke KG           | COMPOSITION AND ITS USE                 |
| (87) IB2016051294                             | (72) Eiberweiser, Susanne                | (73) DAW SE                             |
| 15.09.2016                                    | von Laufenberg, Daniel                   | (72) LASSACHER, Paul                    |
| (22) 08.03.2016                               | <hr/>                                    | ETZELSDORFER, Wilfried                  |
| (54) A POLYMER NANOCOMPOSITE,                 | (51) C08L 33/14                          | <hr/>                                   |
| PROCESS AND APPLICATIONS                      | C08L 67/02                               | (51) C09D 5/00                          |
| THEREOF                                       | C08L 101/00                              | (11) EP3597706                          |
| (73) Secretary, Department of Electronics and | C09D 201/00                              | (21) EP18183673.5                       |
| Information Technology (Deity)                | C09D 201/02                              | (47) 26.08.2020                         |
| Mahatma Gandhi University                     | C09D 201/06                              | (22) 16.07.2018                         |
| (72) POOTHANARI, Mohammed Arif                | (11) EP3399002                           | (54) COMPOSITION FOR COATING AND        |
| THOMAS, Sabu                                  | (21) EP16882070.2                        | SEALING OF EDGES OF WOOD FIBRE          |
| KALARIKKAL, Nandakumar                        | (47) 26.08.2020                          | BOARD                                   |
| (31) 638DE2015                                | (87) KR2016015336                        | (73) Flooring Technologies Ltd.         |
| (32) 09.03.2015                               | 06.07.2017                               | (72) KALWA, Norbert                     |
| (33) India                                    | (22) 27.12.2016                          | GIER, Andreas                           |
| <hr/>                                         | (54) HIGHLY SCRATCH RESISTANT ONE-       | <hr/>                                   |
| (51) C08K 7/14                                | PACK TYPE PAINT COMPOSITION              | (51) C09D 9/00                          |
| C08L 83/04                                    | (73) KCC Corporation                     | C11D 7/50                               |
| (11) EP2892953                                | (72) KIM, Chang Hyeok                    | C11D 11/00                              |
| (21) EP13766722.6                             | MOON, Sung Hee                           | (11) EP3430118                          |
| (47) 26.08.2020                               | KIM, Jin Hoi                             | (21) EP17707585.0                       |
| (87) JP2013074605                             | CHOI, Myoung Gi                          | (47) 26.08.2020                         |
| 13.03.2014                                    | CHOI, Yong Ho                            | (87) EP2017054996                       |
| (22) 05.09.2013                               | LEE, Bon Yi                              | 21.09.2017                              |
| (54) CURABLE SILICONE COMPOSITION             | (31) 20150187891                         | (22) 03.03.2017                         |
| AND CURED PRODUCT THEREOF                     | 20150187854                              | (54) CLEANING COMPOSITION               |
| (73) Dow Toray Co., Ltd.                      | (32) 28.12.2015                          | (73) BASF Coatings GmbH                 |
| (72) FUJISAWA, Toyohiko                       | 28.12.2015                               | (72) STEINMETZ, Bernhard                |
| SHIBATA, Kazusato                             |                                          | JANKOWSKI, Peggy                        |
|                                               |                                          | LUHMANN, Nadia                          |



MATURA, Michael	PETERSEN, Anika	(51) C09K 11/06
(31) 16160080	DOLLASE, Thilo	H01L 51/54
(32) 14.03.2016	(31) 102012223670	(11) EP3295495
(33) European Patent Office (EPO)	(32) 19.12.2012	(21) EP16723482.2
(51) C09D 11/101	(33) Germany	(47) 26.08.2020
C09D 11/34	(51) C09J 133/20	(87) GB2016051388
C09D 11/38	H01M 4/62	24.11.2016
(11) EP3249020	H01M 4/131	(22) 13.05.2016
(21) EP17171432.2	H01M 4/48	(54) LIGHT-EMITTING COMPOUND
(47) 26.08.2020	(11) EP3352253	(73) Cambridge Display Technology Limited
(22) 17.05.2017	(21) EP15904085.6	Sumitomo Chemical Co., Ltd.
(54) INK JET INK COMPOSITION	(47) 26.08.2020	(72) TARRAN, William
(73) Canon Production Printing Holding B.V.	(87) JP2015076312	KAMTEKAR, Kiran
(72) THIJS, Eric P.W.	23.03.2017	(31) 201508441
VAN HOUT, Richard F.E.	(22) 16.09.2015	(32) 15.05.2015
VAN HAMEREN, Richard	(54) NONAQUEOUS ELECTROLYTE	(33) United Kingdom
(31) 16171452	SECONDARY BATTERY AND BATTERY	(51) C09K 11/08
16202057	PACK	C09K 11/80
(32) 26.05.2016	(73) Kabushiki Kaisha Toshiba	C30B 29/28
02.12.2016	(72) ISOZAKI, Yoshiyuki	H01L 33/50
(33) European Patent Office (EPO)	TAKAMI, Norio	(11) EP3418349
European Patent Office (EPO)	HOSHINA, Keigo	(21) EP18176100.8
(51) C09D 11/102	ISHIBASHI, Mitsuru	(47) 26.08.2020
C09D 11/106	YAMASHITA, Yasunobu	(22) 22.10.2014
C09D 11/322	(51) C09K 5/04	(54) PHOSPHOR-CONTAINING MEMBER
C09D 11/40	C10M 171/00	AND LIGHT EMITTING DEVICE
(11) EP3063238	(11) EP3351609	(73) National Institute for Materials Science
(21) EP14792716.4	(21) EP18154365.3	Koha Co., Ltd.
(47) 26.08.2020	(47) 26.08.2020	(72) INOMATA, Daisuke
(87) US2014061887	(22) 03.03.2006	ARAI, Yusuke
07.05.2015	(54) METHOD FOR REPLACING A	SANO, Hiroaki
(22) 23.10.2014	HIGH GWP REFRIGERANT BY	AOKI, Kazuo
(54) AQUEOUS INK-JET INKS CONTAINING	COMPOSITIONS COMPRISING	SHIMAMURA, Kiyoshi
TWO OR MORE BINDERS	HFC-1234YF	GARCIA VILLORA, Encarnacion Antonia
(73) DuPont Electronics, Inc.	(73) The Chemours Company FC, LLC	(31) 2013220681
(72) LI, Xiaoqing	(72) Rao, Velliyur Nott Mallikarjuna	(32) 23.10.2013
(31) 201361897856 P	Minor, Barbara Haviland	(33) Japan
(32) 31.10.2013	(31) 658543 P	(51) C10G 7/10
(33) United States of America	710439 P	C10G 75/02
(51) C09D 11/102	732769 P	(11) EP2361293
C09D 11/322	(32) 04.03.2005	(21) EP09759828.8
(11) EP3174944	23.08.2005	(47) 26.08.2020
(21) EP15747712.6	01.11.2005	(87) US2009063028
(47) 26.08.2020	(33) United States of America	03.06.2010
(87) US2015042396	United States of America	(22) 03.11.2009
04.02.2016	United States of America	(54) METHOD OF REDUCING CORROSION
(22) 28.07.2015	(51) C09K 11/00	IN A CRUDE UNIT
(54) AQUEOUS INK-JET INKS CONTAINING	C09K 11/54	(73) Nalco Company
AMPHOTERIC POLYURETHANE AS	C09K 11/62	(72) SCATTERGOOD, Glenn, L.
BINDER	C09K 11/64	FERGUSON, Sam
(73) DuPont Electronics, Inc.	G01T 1/20	(31) 263904
(72) LI, Xiaoqing	G21K 4/00	(32) 03.11.2008
(31) 201462031298 P	H01J 40/18	(33) United States of America
(32) 31.07.2014	(11) EP3399527	(51) C10G 67/04
(33) United States of America	(21) EP16881617.1	C10M 101/02
(51) C09J 7/22	(47) 26.08.2020	C10N 30/00
C09J 7/25	(87) JP2016086758	(11) EP3397730
C09J 7/38	06.07.2017	(21) EP16826637.7
(11) EP2935498	(22) 09.12.2016	(47) 26.08.2020
(21) EP13799324.2	(54) SCINTILLATOR AND ELECTRON	(87) US2016068806
(47) 26.08.2020	DETECTOR	06.07.2017
(87) EP2013075621	(73) Hamamatsu Photonics K.K.	(22) 28.12.2016
26.06.2014	S-Nanotech Co-Creation Co., Ltd.	(54) LUBRICANT BASE STOCK
(22) 05.12.2013	(72) FUJITA, Yasuhisa	COMPOSITION
(54) DETACHABLE ADHESIVE STRIP	KONDO, Minoru	(73) ExxonMobil Research and Engineering
(73) tesa SE	(31) 2015256014	Company
(72) KRAWINKEL, Thorsten	(32) 28.12.2015	(72) YEH, Lisa, I-Ching
SCHERF, Lesmona	(33) Japan	PATHARE, Rugved, P.

SENZER, Eric, B.	(73) Henkel IP & Holding GmbH	(73) Leibniz-Institut für Naturstoff-Forschung und Infektionsbiologie - Hans-Knöll-Institut -
HENDERSON, Camden, N.	(72) Piorkowski, Daniel T	
OWENS, Tracie, L.	Camire, Casey	
FRUCHEY, Kendall, S.	Stott II, David S	(72) Tovar, Miguel
HILBERT, Timothy, L.	(31) 201815909292	Mahler, Lisa
CARROLL, Michael, B.	(32) 01.03.2018	Zang, Emerson
SYSYN, Debra, A.	(33) United States of America	Roth, Martin
EDWARDS, Kathleen, E.	(51) C11D 17/04	(31) 102014116360
HAGEE, Bryan, E.	(11) EP3055403	102015106870
(31) 201562271543 P	(21) EP14792659.6	(32) 10.11.2014
201615390943	(47) 26.08.2020	04.05.2015
(32) 28.12.2015	(87) US2014059243	(33) Germany
27.12.2016	16.04.2015	Germany
(33) United States of America	(22) 06.10.2014	
United States of America	(54) WATER-SOLUBLE DELAYED RELEASE CAPSULES, RELATED METHODS, AND RELATED ARTICLES	(51) C12M 1/24
(51) C10M 159/22	(73) Monosol, LLC	C12M 1/34
C10M 169/04	(72) KUMAR, Sumeet	G01N 35/08
C10N 10/04	LEE, David M.	(11) EP3473699
C10N 20/02	(31) 201361887532 P	(21) EP18205286.0
C10N 30/02	(32) 07.10.2013	(47) 26.08.2020
C10N 30/04	(33) United States of America	(22) 22.10.2014
C10N 30/10	(51) C12M 1/00	(54) EXPORTING A SELECTED GROUP OF MICRO-OBJECTS FROM A MICRO-FLUIDIC DEVICE
C10N 40/26	C12M 1/34	(73) Berkeley Lights, Inc.
C10N 60/10	C12M 3/06	(72) BREINLINGER, Keith
C10N 70/00	(11) EP3209764	MALLEO, Daniele
(11) EP2978829	(21) EP15784373.1	MATHIEU, Gaetan
(21) EP14776019.3	(47) 26.08.2020	NEVILL, J. Tanner
(47) 26.08.2020	(87) EP2015074543	SLOCUM, Alexander
(87) US2014020563	28.04.2016	WHITE, Mark P.
02.10.2014	(22) 22.10.2015	(31) 201361996962 P
(22) 05.03.2014	(54) BIOREACTOR SYSTEM	201361996969 P
(54) MARINE DIESEL ENGINE LUBRICATING OIL COMPOSITIONS	(73) Cytiva Sweden AB	201462058658 P
(73) Chevron Oronite Technology B.V.	(72) BJURMAN, Anders	(32) 22.10.2013
Chevron Oronite Company LLC	WILEN, Anders	22.10.2013
(72) JUKES, Ronald Theodorus Fake	ANDERSSON, Andreas, Martin, Jorgen	01.10.2014
SPALA, Eugene E.	NILSSON, Fredrik, Torgny	(33) United States of America
(31) 201313849884	(31) 1451269	United States of America
(32) 25.03.2013	(32) 23.10.2014	United States of America
(33) United States of America	(33) Sweden	
(51) C11D 3/12	(51) C12M 1/107	(51) C12N 1/00
C11D 17/00	(11) EP2781589	C12N 9/12
C11D 17/04	(21) EP14164699.2	C12N 9/88
(11) EP3158050	(47) 26.08.2020	(11) EP3020799
(21) EP15741720.5	(22) 12.04.2011	(21) EP15196123.2
(47) 26.08.2020	(54) PORTABLE RENEWABLE ENERGY MICROGENERATION SYSTEM	(47) 26.08.2020
(87) DE2015000279	(73) SEAB POWER LTD	(22) 25.09.2007
23.12.2015	(72) Sassow, Nicolas	(54) PRODUCTION OF ISOPRENOIDS AND ISOPRENOID PRECURSORS
(22) 11.06.2015	(31) 323186 P	(73) The Regents of the University of California
(54) HEAVY-DUTY DETERGENT SHEET WITH A REGULATED PHASE EMISSION DIFFUSION OF THE DETERGENT SUBSTANCES	348689 P	Amyris Biotechnologies, Inc.
(73) Coin Consulting GmbH	(32) 12.04.2010	(72) KEASLING, Jay D.
(72) MAUSBERG, Marcus	26.05.2010	NOWROOZI, Farnaz
PULINA, Michael	(33) United States of America	PITERA, Douglas J.
(31) 102014008585	United States of America	NEWMAN, Jack D.
(32) 17.06.2014	(51) C12M 1/12	ANTHONY, Jennifer
(33) Germany	C12M 3/00	ANTHONY, Larry
(51) C11D 3/37	(11) EP3018197	(31) 826970 P
C11D 17/04	(21) EP15193898.2	(32) 26.09.2006
(11) EP3536772	(47) 26.08.2020	(33) United States of America
(21) EP19158436.6	(22) 10.11.2015	(51) C12N 1/04
(47) 26.08.2020	(54) SYSTEM FOR INCUBATING MICROFLUIDIC DROPLETS AND METHOD FOR PRODUCING HOMOGENEOUS INCUBATION CONDITIONS IN A DROPLET INCUBATOR	C12N 1/20
(22) 21.02.2019		(11) EP3369805
(54) DETERGENT SINGLE DOSE PACKS AND METHODS OF PRODUCING THE SAME		(21) EP16859980.1
		(47) 26.08.2020
		(87) JP2016082125
		04.05.2017
		(22) 28.10.2016

- (54) METHOD FOR PRODUCING DRIED MICROBIAL CELLS  
(73) Kabushiki Kaisha Yakult Honsha  
(72) ITO, Masahiko  
SHIMURA, Kisaku  
SHIROTA, Satoru  
KASAHARA, Keiko  
MOTEKI, Yasuhiro  
MATSUI, Akihisa  
MIIDA, Satoshi  
(31) 2015214299  
(32) 30.10.2015  
(33) Japan
- 
- (51) C12N 1/19  
C12N 15/09  
C12P 7/64  
C12P 19/44  
(11) EP3327120  
(21) EP16827735.8  
(47) 26.08.2020  
(87) JP2016070961  
26.01.2017  
(22) 15.07.2016  
(54) SOPHOROLIPID HIGHLY-PRODUCTIVE MUTANT STRAIN  
(73) Kao Corporation  
(72) ICHIHARA, Takahiro  
TOHATA, Masatoshi  
HAYASE, Atsuko  
TAKAHASHI, Fumikazu  
(31) 2015144760  
(32) 22.07.2015  
(33) Japan
- 
- (51) C12N 1/20  
C12N 1/21  
C12P 5/02  
(11) EP3107993  
(21) EP15708996.2  
(47) 26.08.2020  
(87) US2015016954  
27.08.2015  
(22) 20.02.2015  
(54) RECOMBINANT MICROORGANISMS FOR THE ENHANCED PRODUCTION OF MEVALONATE, ISOPRENE, ISOPRENOID PRECURSORS, ISOPRENOIDS, AND ACETYL-COA-DERIVED PRODUCTS  
(73) Danisco US Inc.  
The Goodyear Tire & Rubber Company  
(72) CERVIN, Marguerite, A.  
MILLER, Michael, C.  
WELLS, Derek, H.  
WOLFE, Alan, J.  
DASIKA, Madhukar, S.  
(31) 201461942546 P  
(32) 20.02.2014  
(33) United States of America
- 
- (51) C12N 5/04  
C12N 15/82  
A01H 5/00  
(11) EP3241430  
(21) EP17174628.2  
(47) 26.08.2020  
(22) 27.10.2006  
(54) NOVEL HERBICIDE RESISTANCE GENES  
(73) Dow AgroSciences LLC
- (72) WRIGHT, Terry R.  
LIRA, Justin M.  
WALSH, Terence Anthony  
MERLO, Donald  
JAYAKUMAR, Pon Samuel  
LIN, Gaofeng  
(31) 731044 P  
(32) 28.10.2005  
(33) United States of America
- 
- (51) C12N 5/079  
A61K 35/30  
(11) EP3145517  
(21) EP15796034.5  
(47) 26.08.2020  
(87) US2015032274  
26.11.2015  
(22) 22.05.2015  
(54) FUNCTIONAL OLIGODENDROCYTES DERIVED FROM PLURIPOTENT STEM CELLS AND METHODS OF MAKING AND USING THE SAME  
(73) New York Stem Cell Foundation, Inc.  
(72) FOSSATI, Valentina  
DOUVARAS, Panagiotis  
(31) 201462002048 P  
(32) 22.05.2014  
(33) United States of America
- 
- (51) C12N 7/00  
(11) EP3400292  
(21) EP17700386.0  
(47) 26.08.2020  
(87) GB2017050039  
13.07.2017  
(22) 09.01.2017  
(54) USE OF AN ONCOLYTIC VIRUS FOR THE TREATMENT OF CANCER  
(73) Replimune Limited  
(72) COFFIN, Robert  
(31) 201600380  
201600381  
201600382  
(32) 08.01.2016  
08.01.2016  
08.01.2016  
(33) United Kingdom  
United Kingdom  
United Kingdom
- 
- (51) C12N 7/00  
C12N 15/864  
C12N 15/113  
(11) EP3350319  
(21) EP16847150.6  
(47) 26.08.2020  
(87) US2016051552  
23.03.2017  
(22) 13.09.2016  
(54) RECOMBINANT VIRUS PRODUCTS AND METHODS FOR INHIBITION OF EXPRESSION OF MYOTILIN  
(73) Nationwide Children's Hospital, Inc.  
(72) HARPER, Scott Quenton  
LIU, Jian  
(31) 201514853517  
(32) 14.09.2015  
(33) United States of America
- 
- (51) C12N 9/00  
C12N 15/10  
C12Q 1/68
- (11) EP3262185  
(21) EP15882959.8  
(47) 26.08.2020  
(87) CN2015073350  
01.09.2016  
(22) 27.02.2015  
(54) DNA DISPLAY AND METHODS THEREOF  
(73) The University of Hong Kong  
(72) TANNER, Julian Alexander  
KINGHORN, Andrew
- 
- (51) C12N 9/04  
C12P 17/10  
C12P 41/00  
(11) EP3256577  
(21) EP16749625.6  
(47) 26.08.2020  
(87) US2016016692  
18.08.2016  
(22) 05.02.2016  
(54) KETOREDUCTASE POLYPEPTIDES FOR THE SYNTHESIS OF CHIRAL COMPOUNDS  
(73) Codexis, Inc.  
(72) ALVIZO, Oscar  
AGARD, Nicholas, J.  
XIE, Xinkai  
ENTWISTLE, David  
KOSJEK, Birgit  
(31) 201562114380 P  
(32) 10.02.2015  
(33) United States of America
- 
- (51) C12N 9/10  
C12N 9/96  
(11) EP3447137  
(21) EP16890284.9  
(47) 26.08.2020  
(87) CN2016082178  
24.08.2017  
(22) 16.05.2016  
(54) LIQUID ENZYME PREPARATION AND PREPARATION METHOD THEREOF  
(73) Kinry Food Ingredients Co., Ltd.  
Kinry Biotech (Jinan) Co., Ltd.  
(72) WANG, Fangming  
XIE, Yongqiang  
XU, Baodi  
(31) 201610086526  
(32) 16.02.2016  
(33) China
- 
- (51) C12N 9/22  
C12N 15/90  
(11) EP3246403  
(21) EP17161899.4  
(47) 26.08.2020  
(22) 18.10.2006  
(54) RATIONALLY DESIGNED MEGANUCLEASES WITH ALTERED SEQUENCE SPECIFICITY AND DNA-BINDING AFFINITY  
(73) Precision Biosciences  
(72) HELLINGA, Homme W.  
SMITH, James Jefferson  
JANTZ, Derek  
(31) 727512 P  
(32) 18.10.2005  
(33) United States of America
- 
- (51) C12N 9/90

(11) EP3019604	(51) C12N 15/11	16.11.2017
(21) EP14749728.3	C12Q 1/68	(22) 11.05.2017
(47) 26.08.2020	C12Q 1/6869	(54) POTENT AND BALANCED
(87) EP2014064767	(11) EP3240911	BIDIRECTIONAL PROMOTER
15.01.2015	(21) EP15876120.5	(73) Janssen Vaccines & Prevention B.V.
(22) 09.07.2014	(47) 26.08.2020	(72) WUNDERLICH, Kerstin
(54) MEVALONATE DIPHOSPHATE	(87) US2015067717	VELLINGA, Jort
DECARBOXYLASE VARIANTS	07.07.2016	(31) 16169284
(73) Global Bioenergies	(22) 28.12.2015	(32) 12.05.2016
Scientist of Fortune S.A.	(54) DETECTION AND TREATMENT OF	(33) European Patent Office (EPO)
(72) MAZALEYRAT, Sabine	DISEASE EXHIBITING DISEASE CELL	(51) C12N 15/85
DEL COURT, Marc	HETEROGENEITY AND SYSTEMS AND	(11) EP2839013
ANISSIMOVA, Maria	METHODS FOR COMMUNICATING	(21) EP13778431.0
MARLIERE, Philippe	TEST RESULTS	(47) 26.08.2020
(31) 13175790	(73) Guardant Health, Inc.	(87) US2013032443
(32) 09.07.2013	(72) ELTOUKHY, Helmy	24.10.2013
(33) European Patent Office (EPO)	TALASAZ, AmirAli	(22) 15.03.2013
(51) C12N 15/09	KERMANI, Bahram, Ghaffarzadeh	(54) NON-DISRUPTIVE GENE TARGETING
C12Q 1/68	IHUEGBU, Nnamdi	(73) Board of Regents of the University of
C12Q 1/6811	(31) 201462098426 P	Texas System
C12Q 1/6876	201562155763 P	The Board of Trustees of the Leland
(11) EP3279339	(32) 31.12.2014	Stanford Junior University
(21) EP16772992.0	01.05.2015	(72) KAY, Mark A.
(47) 26.08.2020	(33) United States of America	PORTEUS, Matthew
(87) JP2016060444	United States of America	BARKER, Jenny
06.10.2016	(51) C12N 15/11	CHECKETTS, Josh
(22) 30.03.2016	C12Q 1/686	VOIT, Richard
(54) METHOD FOR DETERMINING GENE	C12Q 1/6886	BARZEL, Adi
STATE OF FETUS	(11) EP2852690	(31) 201261635203 P
(73) FUJIFILM Corporation	(21) EP13794493.0	201261654645 P
(72) OUCHI Aya	(47) 26.08.2020	(32) 18.04.2012
TSUJIMOTO Takayuki	(87) US2013042198	01.06.2012
NAGASE Masaya	28.11.2013	(33) United States of America
ISHII Yasuyuki	(22) 22.05.2013	United States of America
(31) 2015074318	(54) A QUANTITATIVE MULTIPLEX	(51) C12Q 1/04
(32) 31.03.2015	METHYLATION SPECIFIC PCR	C12Q 1/18
(33) Japan	METHOD- cMethDNA, REAGENTS,	C12Q 1/22
(51) C12N 15/10	AND ITS USE	(11) EP3414337
(11) EP3140400	(73) The Johns Hopkins University	(21) EP17703443.6
(21) EP15719755.9	(72) SUKUMAR, Saraswati	(47) 26.08.2020
(47) 26.08.2020	FAKLER, Mary Jo	(87) EP2017052976
(87) EP2015060130	TEO, Wei Wen	17.08.2017
12.11.2015	LOPEZ BUJANDA, Zoila Areli	(22) 10.02.2017
(22) 07.05.2015	(31) 201261650083 P	(54) GELLED COMPOSITION COMPRISING
(54) NEW METHOD FOR ISOLATING	(32) 22.05.2012	TETRAZOLIUM SALT AND GELLAN
MICROBIAL DNA	(33) United States of America	GUM
(73) Molzym GmbH & Co. KG	(51) C12N 15/113	(73) Proteus
(72) LORENZ, Michael	(11) EP3087183	(72) PERSILLON, Cécile
(31) 14167811	(21) EP14874081.4	ULLMANN, Christophe
(32) 09.05.2014	(47) 26.08.2020	(31) 1651100
(33) European Patent Office (EPO)	(87) US2014072303	(32) 11.02.2016
(51) C12N 15/10	02.07.2015	(33) France
C12Q 1/6806	(22) 24.12.2014	(51) C12Q 1/04
(11) EP3532643	(54) MODULATION OF ANGIOPOIETIN-LIKE	C12Q 1/70
(21) EP17801165.6	3 EXPRESSION	G01N 21/64
(47) 26.08.2020	(73) Ionis Pharmaceuticals, Inc.	G01N 33/53
(87) US2017058821	(72) FREIER, Susan, M.	G01N 33/543
03.05.2018	GRAHAM, Mark, J.	G01N 35/10
(22) 27.10.2017	CROOKE, Rosanne, M.	G01N 37/00
(54) METHODS FOR SINGLE-	(31) 201361920652 P	C12Q 1/68
STRANDED NUCLEIC ACID LIBRARY	(32) 24.12.2013	(11) EP3168624
PREPARATION	(33) United States of America	(21) EP15819235.1
(73) Grail, Inc.	(51) C12N 15/63	(47) 26.08.2020
(72) JAMSHIDI, Arash	C12N 15/86	(87) JP2015003310
AMINI, Hamed	(11) EP3455358	14.01.2016
(31) 201662414528 P	(21) EP17725200.4	(22) 01.07.2015
(32) 28.10.2016	(47) 26.08.2020	
(33) United States of America	(87) EP2017061282	

(54) SUBSTANCE SEALING METHOD AND TARGET MOLECULE DETECTING METHOD	(51) C12Q 1/6834 C12Q 1/6844 (11) EP3020831	(11) EP3372696 (21) EP18161077.5 (47) 26.08.2020
(73) Japan Science and Technology Agency	(21) EP15182599.9	(22) 09.03.2018
(72) NOJI, Hiroyuki	(47) 26.08.2020	(54) METHODS AND KITS FOR ASSESSING THE RISK OF DEVELOPING OR DIAGNOSING ENDOMETRIAL CANCER
(72) YAMAUCHI, Lisa	(22) 20.02.2009	(73) Chang Gung Memorial Hospital, Linkou
(31) 2014140700	(54) METHODS FOR HELICASE BASED AMPLIFICATION AND DETECTION OF POLYNUCLEOTIDES	(72) LAI, Chyong-Huey
(32) 08.07.2014	(73) Vela Diagnostics Holding Pte Ltd	YANG, Lan-Yan
(33) Japan	(72) Jenison, Robert	LIN, Chiao-Yun
(51) C12Q 1/68	(31) 36048	CHAO, Angel
(11) EP3461910	(32) 22.02.2008	(31) 201762469724 P
(21) EP18194742.5	(33) United States of America	(32) 10.03.2017
(47) 26.08.2020	(51) C12Q 1/6853	(33) United States of America
(22) 15.03.2013	(11) EP3530755	(51) C12Q 1/6886
(54) NUCLEIC ACID AMPLIFICATION	(21) EP18158514.2	(11) EP3090062
(73) Life Technologies Corporation	(47) 26.08.2020	(21) EP14875963.2
(72) LI, Chieh-Yuan	(22) 26.02.2018	(47) 26.08.2020
RUFF, David	(54) METHOD FOR DISPLAYING THE PROGRESS IN THE AMPLIFICATION OF NUCLEIC ACIDS AND KIT FOR SAME	(87) US2014072268 09.07.2015
CHEN, Shiaw-Min	(73) AGCT GmbH	(22) 23.12.2014
O'NEIL, Jennifer	(72) CHERKASOV, Dmitry	(54) FUSION GENES ASSOCIATED WITH PROGRESSIVE PROSTATE CANCER
KASINSKAS, Rachel	BASLER, Norbert	(73) University of Pittsburgh - of the Commonwealth System of Higher Education
ROTHBERG, Jonathan	BECKER, Claus	(72) LUO, Jianhua
(31) 201261635584 P	HESS, Hans-Jörg	YU, Yangping
201261699810 P	MÜLLER-HERMANN, Andreas	NELSON, Joel B.
201361767766 P	GRUNWALD, Christian	MICHALOPOULOS, George
201361781016 P	(51) C12Q 1/6869	TSENG, Chien-Cheng
(32) 19.04.2012	C12Q 1/689	DING, Ying
11.09.2012	(11) EP2964785	(31) 201361921836 P
21.02.2013	(21) EP14717240.7	201462014487 P
14.03.2013	(47) 26.08.2020	201462025923 P
(33) United States of America	(87) US2014020408 12.09.2014	(32) 30.12.2013
United States of America	(22) 04.03.2014	19.06.2014
United States of America	(54) METHOD FOR CHARACTERIZING MICROORGANISMS	17.07.2014
United States of America	(73) Fry Laboratories LLC	(33) United States of America
(51) C12Q 1/6811	(72) FRY, Stephen, E.	United States of America
(11) EP3102722	ELLIS, Jeremy	United States of America
(21) EP15746731.7	(31) 201361772425 P	(51) C21D 1/18
(47) 26.08.2020	(32) 04.03.2013	C21D 1/78
(87) US2015014242	(33) United States of America	C21D 6/00
13.08.2015	(51) C12Q 1/6883	C21D 8/02
(22) 03.02.2015	(11) EP3356549	C21D 9/46
(54) GENOME FRACTIONING	(21) EP16775185.8	C22C 38/00
(73) Jumpcode Genomics, Inc.	(47) 26.08.2020	C22C 38/02
(72) BROWN, Keith	(87) EP2016072988 06.04.2017	C22C 38/04
DANSKY, Peter	(22) 27.09.2016	C22C 38/06
(31) 201461935827 P	(54) EXOSOMAL MICRORNA IN SERUM AS AN INDICATOR FOR THE ACTIVATION OF BROWN AND BEIGE FAT TISSUE (BAT)	C22C 38/12
201462040307 P	(73) Rheinische Friedrich-Wilhelms-Universität Bonn	C22C 38/18
(32) 04.02.2014	Maastricht University	C22C 38/32
21.08.2014	(72) PFEIFER, Alexander	C22C 38/34
(33) United States of America	BUYEL, Joschka	C22C 38/38
United States of America	CHEN, Yong	C23C 2/02
(51) C12Q 1/6827	VAN MARKEN LICHTENBELT, Wouter	C23C 2/06
C12Q 1/6848	(31) 15187038	C23C 2/40
C12Q 1/6851	(32) 28.09.2015	(11) EP2997172
(11) EP3224375	(33) European Patent Office (EPO)	(21) EP14729827.7
(21) EP15798145.7	(51) C12Q 1/6886	(47) 26.08.2020
(47) 26.08.2020		(87) US2014038425 20.11.2014
(87) EP2015077466		(22) 16.05.2014
02.06.2016		(54) METHOD OF PRODUCTION OF A HIGH STRENGTH STEEL EXHIBITING GOOD DUCTILITY VIA QUENCHING AND
(22) 24.11.2015		
(54) DETECTING SINGLE NUCLEOTIDE POLYMORPHISM USING OVERLAPPING HYDROLYSIS PROBES		
(73) F.Hoffmann-La Roche AG		
(72) MEHTA, Rochak		
(31) 201414555343		
(32) 26.11.2014		
(33) United States of America		

PARTITIONING TREATMENT BY ZINC BATH	C22C 38/32	(21) EP15900339.1
(73) Ak Steel Properties, Inc.	C22C 38/42	(47) 26.08.2020
(72) THOMAS, Grant, Aaron	C22C 38/44	(87) JP2015071845
GARZA-MARTINEZ, Luis, G.	C22C 38/48	09.02.2017
(31) 201361824699 P	C22C 38/54	(22) 31.07.2015
201361824643 P	(11) EP2824208	(54) HIGH_STRENGTH_HOT_ROLLED STEEL SHEET
(32) 17.05.2013	(21) EP13757964.5	(73) Nippon Steel Corporation
17.05.2013	(47) 26.08.2020	(72) SUGIURA Natsuko
(33) United States of America	(87) JP2013056531	TANAKA Yasuaki
United States of America	12.09.2013	YOKOYAMA Takafumi
(51) C21D 1/19	(22) 08.03.2013	
(11) EP3548641	(54) FERRITIC STAINLESS STEEL SHEET	(51) C22C 1/05
(21) EP17804538.1	(73) NIPPON STEEL Stainless Steel Corporation	C22C 14/00
(47) 26.08.2020	(72) KANNO, Norihiro	C22C 32/00
(87) EP2017080359	HAMADA, Junichi	(11) EP3530764
07.06.2018	INOUE, Yoshiharu	(21) EP19158818.5
(22) 24.11.2017	(31) 2012053262	(47) 26.08.2020
(54) METHOD FOR MANUFACTURING A HOT-FORMED ARTICLE, AND OBTAINED ARTICLE	2013023416	(22) 22.02.2019
(73) Tata Steel IJmuiden B.V.	(32) 09.03.2012	(54) A SELF LUBRICATING TITANIUM ALUMINIDE COMPOSITE MATERIAL
(72) CHEN, Shangping	08.02.2013	(73) Roller Bearing Company of America, Inc.
LAHAYE, Christiaan Theodorus	(33) Japan	(72) ADAMS, Frank C.
RANA, Radhakanta	Japan	HEUBERGER, Mark
HENSEN, Guido Cornelis	(51) C21D 6/00	SMITH, Charles E.
(31) 16201179	C21D 8/02	BOYAN, Patrick S.
(32) 29.11.2016	C21D 9/46	ROBINSON, Ernest K.
(33) European Patent Office (EPO)	C22C 38/02	(31) 201862635211 P
(51) C21D 1/76	C22C 38/04	(32) 26.02.2018
C21D 8/12	C22C 38/06	(33) United States of America
C21D 9/00	C22C 38/18	
C22C 38/00	C22C 38/22	(51) C22C 19/03
C22C 38/60	C22C 38/34	C22F 1/00
C23G 1/08	C22C 38/38	C22F 1/08
H01F 1/16	C22C 38/42	C22F 1/10
(11) EP3431624	C22C 38/44	H01M 4/66
(21) EP18189750.5	C22C 38/46	(11) EP3480879
(47) 26.08.2020	C22C 38/58	(21) EP17889900.1
(22) 25.03.2014	(11) EP3298175	(47) 26.08.2020
(54) SOFT MAGNETIC COMPONENT	(21) EP16730556.4	(87) JP2017045825
STEEL MATERIAL HAVING EXCELLENT PICKLING PROPERTIES, SOFT MAGNETIC COMPONENT HAVING EXCELLENT CORROSION RESISTANCE AND MAGNETIC PROPERTIES, AND PRODUCTION METHOD THEREFOR	(47) 26.08.2020	12.07.2018
(73) Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)	(87) US2016033610	(22) 20.12.2017
(72) Masumoto, Kei	24.11.2016	(54) CLADDING MATERIAL FOR NEGATIVE ELECTRODE CURRENT COLLECTOR OF SECONDARY BATTERY, AND METHOD FOR PRODUCING CLADDING MATERIAL
(31) 2013074949	(22) 20.05.2016	(73) Hitachi Metals, Ltd.
(32) 29.03.2013	(54) HIGH MANGANESE THIRD GENERATION ADVANCED HIGH STRENGTH STEELS	(72) ODA, Yoshimitsu
(33) Japan	(73) Ak Steel Properties, Inc.	INOUE, Ryoji
(51) C21D 6/00	(72) GARZA-MARTINEZ, Luis, Gonzalo	(31) 2017001300
C21D 6/02	THOMAS, Grant, Aaron	(32) 06.01.2017
C21D 8/04	GILL, Amrinder, Singh	(33) Japan
C21D 9/46	(31) 201562164643 P	
C22C 38/00	(32) 21.05.2015	(51) C22C 33/04
C22C 38/02	(33) United States of America	C22C 38/04
C22C 38/04	(51) C21D 8/02	C22C 38/32
C22C 38/06	C21D 9/46	(11) EP3052671
C22C 38/20	C22C 38/00	(21) EP14851300.5
C22C 38/22	C22C 38/02	(47) 26.08.2020
C22C 38/24	C22C 38/04	(87) US2014058883
C22C 38/26	C22C 38/06	09.04.2015
C22C 38/28	C22C 38/34	(22) 02.10.2014
C22C 38/30	C22C 38/42	(54) RECRYSTALLIZATION, REFINEMENT, AND STRENGTHENING MECHANISMS FOR PRODUCTION OF ADVANCED HIGH STRENGTH METAL ALLOYS
	C22C 38/44	(73) The Nanosteel Company, Inc.
	C22C 38/46	(72) BRANAGAN, Daniel James
	C22C 38/48	JUSTICE, Grant G.
	C22C 38/50	BALL, Andrew T.
	C22C 38/54	
	C23C 2/06	
	(11) EP3330394	

WALLESER, Jason K.	C30B 23/02	(31) 2010222144
MEACHAM, Brian E.	C30B 25/02	(32) 30.09.2010
CLARK, Kurtis	C30B 29/38	(33) Japan
MA, Longzhou	C30B 29/40	(51) D01F 9/12
YAKUBTSOV, Igor	H01L 21/02	C01B 32/164
LARISH, Scott	H01L 21/20	(11) EP3517658
CHENG, Sheng	H01L 21/205	(21) EP18857168.1
GIDDENS, Taylor L.	H01L 21/338	(47) 26.08.2020
FRERICHS, Andrew E.	H01L 29/20	(87) KR2018010239
SERGUEEVA, Alla V.	H01L 29/201	21.03.2019
(31) 201361885842 P	H01L 29/778	(22) 04.09.2018
(32) 02.10.2013	H01L 29/812	(54) METHOD FOR PREPARING
(33) United States of America	(11) EP3067921	CARBON NANOTUBE FIBER HAVING
(51) C22F 1/10	(21) EP16166544.3	ENHANCED TENSILE STRENGTH
(11) EP2586887	(47) 26.08.2020	(73) LG Chem, Ltd.
(21) EP12190038.5	(22) 13.03.2009	(72) OH, Eugene
(47) 26.08.2020	(54) PROCESS FOR PRODUCING AN	YI, Youngjin
(22) 25.10.2012	EPITAXIAL SUBSTRATE FOR A	KIM, Juhan
(54) Method for manufacturing components	SEMICONDUCTOR ELEMENT	KIM, Ji Eun
or coupons made of a high temperature	(73) NGK Insulators, Ltd.	CHOI, Jun Won
superalloy	(72) MIYOSHI, Makoto	LEE, Won Jae
(73) Ansaldo Energia IP UK Limited	KURAOKA, Yoshitaka	IM, Ye Hoon
(72) Rickenbacher, Lukas Emanuel	SUMIYA, Shigeaki	(31) 20170119491
Etter, Thomas	TANAKA, Mitsuhiro	(32) 18.09.2017
(31) 17542011	(31) 2008075580	(33) Korea (Republic)
(32) 31.10.2011	(32) 24.03.2008	(51) D01F 9/22
(33) Switzerland	(33) Japan	D01F 9/32
(51) C23C 8/20	(51) C23C 16/44	(11) EP3540101
C23C 8/22	C23C 16/52	(21) EP18751597.8
F27B 5/04	H01L 21/31	(47) 26.08.2020
F27B 5/16	H01L 21/316	(87) JP2018002666
F27B 5/18	(11) EP2624285	16.08.2018
(11) EP3412792	(21) EP11828339.9	(22) 29.01.2018
(21) EP18173385.8	(47) 26.08.2020	(54) METHOD FOR CLEANING
(47) 26.08.2020	(87) JP2011005208	FLAMEPROOFING FURNACE,
(22) 19.05.2018	05.04.2012	METHOD FOR MANUFACTURING
(54) ATMOSPHERIC-PRESSURE	(22) 15.09.2011	FLAMEPROOF FIBER, CARBON FIBER,
ACETYLENE CARBURIZING FURNACE	(54) THIN FILM MANUFACTURING	AND GRAPHITIZED FIBER
(73) Shanghai Yibai Industrial Furnaces Co.,	METHOD AND THIN FILM	(73) Toray Industries, Inc.
Ltd.	MANUFACTURING APPARATUS	(72) KUJI, Yusuke
(72) Yang, Jingfeng	(73) ULVAC, Inc.	YAMAMOTO, Wataru
Shen, Peng	(72) MASUDA, Takeshi	UCHIYAMA, Masaomi
Yang, Fan	IDENO, Takuya	(31) 2017020962
(31) 201710423172	KAJINUMA, Masahiko	(32) 08.02.2017
(32) 07.06.2017	ODAJIMA, Nobuhiro	(33) Japan
(33) China	UCHIDA, Yohei	(51) D03D 1/02
(51) C23C 14/34	SUU, Koukou	D03D 11/02
H01J 3/02	(31) 2010219225	D03D 15/00
H01J 37/077	(32) 29.09.2010	D03D 49/62
H01J 37/32	(33) Japan	(11) EP3369849
H01J 37/34	(51) C25D 7/00	(21) EP17159072.2
(11) EP3195344	C25D 21/12	(47) 26.08.2020
(21) EP15794291.3	H01F 1/053	(22) 03.03.2017
(47) 26.08.2020	H01F 1/08	(54) A METHOD OF PRODUCING A WOVEN
(87) IB2015057205	H01F 41/02	ELONGATE FLEXIBLE TUBE
24.03.2016	(11) EP2624266	(73) Autoliv Development AB
(22) 18.09.2015	(21) EP11829270.5	(72) FINN, Hugh
(54) APPARATUS AND METHOD	(47) 26.08.2020	VALKENBURG, Simon
FOR VIRTUAL CATHODE	(87) JP2011072366	KOEHNEN, Ralf
DEPOSITION (VCD) FOR THIN FILM	05.04.2012	WOOTTON, Gary
MANUFACTURING	(22) 29.09.2011	HOLLIES, Andy
(73) Plasma App Ltd.	(54) METHOD FOR FORMING ELECTRIC	MÜLLER, Kai-Stephan
(72) YARMOLICH, Dmitry	COPPER PLATING FILM ON SURFACE	HEIN, Detlef
(31) 201416497	OF RARE EARTH PERMANENT	(51) D03D 3/00
(32) 18.09.2014	MAGNET	D03D 11/02
(33) United Kingdom	(73) Hitachi Metals, Ltd.	D03D 25/00
(51) C23C 16/34	(72) KAMACHI Masanao	(11) EP2247777
C30B 19/00	YOSHIMURA Koshi	(21) EP08784880.0

- (47) 26.08.2020  
(87) EP2008005900  
20.08.2009  
(22) 18.07.2008  
(54) SCARF ODER SHAWL MADE UP OF AT LEAST TWO LAPS INTERWOVEN ALONG A COMMON STRETCH AND METHOD FOR ITS PRODUCTION  
(73) Antica Valserchio S.R.L.  
Loro Piana S.p.A.  
(72) BERTOLANI, Massimo  
(31) TO20080112  
(32) 14.02.2008  
(33) Italy
- 
- (51) D04B 35/06  
(11) EP3530790  
(21) EP18158283.4  
(47) 26.08.2020  
(22) 23.02.2018  
(54) SLIDER NEEDLE  
(73) KARL MAYER R&D GmbH  
(72) Brandl, Klaus
- 
- (51) D06F 31/00  
D06F 33/32  
D06F 103/16  
D06F 105/02  
(11) EP3366824  
(21) EP17190280.2  
(47) 26.08.2020  
(22) 11.09.2017  
(54) LAUNDRY TREATMENT APPARATUS  
(73) LG Electronics Inc.  
(72) JUNG, Jonegseok  
KIM, Hyunsang  
(31) 20170025737  
(32) 27.02.2017  
(33) Korea (Republic)
- 
- (51) D06F 39/08  
(11) EP3495547  
(21) EP17206526.0  
(47) 26.08.2020  
(22) 11.12.2017  
(54) PUMP FOR A WASHING MACHINE, WASHING MACHINE AND METHOD  
(73) Vestel Elektronik Sanayi ve Ticaret A.S.  
(72) ORULLUOGLU, Yusuf  
YILMAZ, Tayfun  
ERBASOL, Ugur
- 
- (51) D06F 58/10  
D06F 73/02  
(11) EP3530801  
(21) EP19156873.2  
(47) 26.08.2020  
(22) 13.02.2019  
(54) CLOTHES TREATMENT APPARATUS  
(73) LG Electronics Inc.  
(72) Park, Jiyeon  
(31) 20180021194  
(32) 22.02.2018  
(33) Korea (Republic)
- 
- (51) D06F 58/22  
(11) EP2662487  
(21) EP12167127.5  
(47) 26.08.2020  
(22) 08.05.2012  
(54) Tumble dryer with filter
- (73) Electrolux Home Products Corporation  
N.V.  
(72) Dal Ben, Diego  
Pillot, Sergio  
Santarossa, Marco  
Ros, Paolo
- 
- (51) D06F 75/12  
F22B 1/28  
F24H 9/00  
(11) EP3440410  
(21) EP17716511.5  
(47) 26.08.2020  
(87) EP2017058232  
12.10.2017  
(22) 06.04.2017  
(54) BOILER  
(73) De' Longhi Appliances S.r.l. Con Unico  
Socio  
(72) DE' LONGHI, Giuseppe  
LORENZON, Antonio  
DURANTE, Laura  
(31) UA20162359  
(32) 06.04.2016  
(33) Italy
- 
- (51) D06N 3/14  
D06N 3/18  
D06N 5/00  
(11) EP3289135  
(21) EP16720626.7  
(47) 26.08.2020  
(87) US2016028255  
03.11.2016  
(22) 19.04.2016  
(54) WATERPROOF MEMBRANE  
(73) DuPont Safety & Construction, Inc.  
(72) STACHNIK, Mieczyslaw Michel  
GARCIA, Raul Fernandez  
(31) 201562153126 P  
(32) 27.04.2015  
(33) United States of America
- 
- (51) D06P 1/44  
D06P 5/30  
(11) EP3567156  
(21) EP19170622.5  
(47) 26.08.2020  
(22) 23.04.2019  
(54) ULTRA-HIGH WHITENESS AQUEOUS WHITE COLOR PASTE FOR DIGITAL TEXTILE PRINTING INK AND AN INK COMPOSITION USING THE SAME  
(73) Everlight Chemical Industrial Corporation  
(72) HUANG, Ya-Huang  
CHEN, Chien-Ming  
CHEN, Hsiao-San  
(31) 107115631  
(32) 08.05.2018  
(33) Taiwan, Province of China
- 
- (51) D21H 17/28  
D21H 19/54  
F25B 30/02  
F25B 40/00  
(11) EP3475631  
(21) EP17746414.6  
(47) 26.08.2020  
(87) EP2017068003  
22.03.2018  
(22) 17.07.2017
- (54) PAPER MACHINE WITH A DEVICE FOR TREATING STARCH AND METHOD FOR TREATING STARCH FOR HYDROPHOBISATION OF PAPER IN A PAPER MACHINE  
(73) Siemens Aktiengesellschaft  
(72) REISSNER, Florian  
SCHWARZ, Hermann  
SCHÄFER, Jochen  
(31) 16188670  
(32) 14.09.2016  
(33) European Patent Office (EPO)
- 
- (51) E01B 27/08  
E01B 27/11  
(11) EP3412827  
(21) EP18167517.4  
(47) 26.08.2020  
(22) 16.04.2018  
(54) RAILWAY VEHICLE FOR TRACK CONSTRUCTION REMEDIATION  
(73) Swietelsky AG  
(72) GAL, Peter  
SCHAUER, Norbert  
(31) 504742017  
(32) 06.06.2017  
(33) Austria
- 
- (51) E01B 27/16  
(11) EP3523478  
(21) EP17762047.3  
(47) 26.08.2020  
(87) EP2017001056  
12.04.2018  
(22) 07.09.2017  
(54) TAMPING UNIT AND METHOD FOR TAMPING SLEEPERS OF A TRACK  
(73) Plasser & Theurer Export von  
Bahnbaumaschinen Gesellschaft m.b.H.  
(72) SPRINGER, Heinz  
(31) 4572016  
(32) 04.10.2016  
(33) Austria
- 
- (51) E01C 13/02  
E01C 13/08  
(11) EP3256645  
(21) EP16714567.1  
(47) 26.08.2020  
(87) NL2016050083  
18.08.2016  
(22) 05.02.2016  
(54) ARTIFICIAL LAWN  
(73) Desso Sports B.V.  
(72) KONING, Ronald  
VAN REIJEN, Peter  
(31) 2014271  
(32) 10.02.2015  
(33) Netherlands
- 
- (51) E01C 19/17  
(11) EP3309295  
(21) EP17198070.9  
(47) 26.08.2020  
(22) 09.03.2016  
(54) APPARATUS FOR APPLYING ASPHALT BINDER COMPOSITIONS FOR PAVING APPLICATIONS  
(73) HERITAGE RESEARCH GROUP  
(72) EXLINE, Marvin Keller  
CUNNINGHAM, James Joseph  
KRIECH, Anthony J.



(31) 201562130918 P 201662302338 P	(21) EP17161154.4 (47) 26.08.2020	(22) 11.05.2015 (54) HYDRO-POWERED WATER DISTRIBUTION SYSTEM
(32) 10.03.2015 02.03.2016	(22) 15.03.2017 (54) METHOD FOR SETTING UP A WIND TURBINE TOWER AND CORRESPONDING WIND TURBINE	(73) Water Powered Technologies Limited (72) SELWYN, Frederick Philip (31) 201408431
(33) United States of America United States of America	(73) Senvion GmbH (72) Frost, Bernd	(32) 13.05.2014 (33) United Kingdom
(51) E01C 19/20 (11) EP3245336 (21) EP15794911.6 (47) 26.08.2020 (87) EP2015076569 21.07.2016	(31) 102016003265 (32) 17.03.2016 (33) Germany	(51) E03C 1/02 (11) EP3568531 (21) EP18706380.5 (47) 26.08.2020 (87) EP2018050969 19.07.2018
(22) 13.11.2015 (54) SPREADING APPARATUS (73) Redexim Handel- en Exploitatie Maatschappij B.V. (72) BACHMANN, Uli (31) 202015000189 U (32) 16.01.2015 (33) Germany	(11) EP3385451 (21) EP18162054.3 (47) 26.08.2020 (22) 15.03.2018 (54) SUPPORT STRUCTURE FOR AN OFFSHORE WIND TURBINE	(22) 16.01.2018 (54) BURIED INSTALLATION BODY FOR A SANITARY FITTING, HAVING A TWO- PART HOUSING (73) Grohe AG (72) LUIG, Frank-Thomas MAINKA, David LAZIC, Dajana ALTHOFF, Sebastian
(51) E01C 19/48 F16H 61/44 F16H 61/4008 F16H 61/431 (11) EP3323938 (21) EP16824464.8 (47) 26.08.2020 (87) JP2016070579 19.01.2017 (22) 12.07.2016 (54) ROAD-MAKING MACHINE (73) Sumitomo (S.H.I.) Construction Machinery Co., Ltd. (72) TERAMOTO, Tota MINO, Hisaho (31) 2015139989 (32) 13.07.2015 (33) Japan	(51) E02D 27/42 F03D 13/25 (11) EP3385451 (21) EP18162054.3 (47) 26.08.2020 (22) 15.03.2018 (54) SUPPORT STRUCTURE FOR AN OFFSHORE WIND TURBINE (73) DEME Offshore BE N.V. (72) Nekeman, Sebastian Hermeling, Vincent Michael (31) 201705164 (32) 16.03.2017 (33) Belgium	(73) Grohe AG (72) LUIG, Frank-Thomas MAINKA, David LAZIC, Dajana ALTHOFF, Sebastian (31) 102017100710 (32) 16.01.2017 (33) Germany
(51) E01F 15/06 F16G 11/04 (11) EP3305986 (21) EP17194716.1 (47) 26.08.2020 (22) 04.10.2017 (54) BARRIER CABLE COUPLER (73) Sorkin, Felix, L. (72) Sorkin, Felix, L. (31) 201662404134 P (32) 04.10.2016 (33) United States of America	(51) E02D 31/02 E04B 1/64 (11) EP3173533 (21) EP16194266.9 (47) 26.08.2020 (22) 18.10.2016 (54) SURFACE SEALING ELEMENT FOR BUILDING OBJECTS (73) Max Frank GmbH & Co. KG (72) FELDMEIHER, Josef WEISSENBACH, Nils (31) 102015120401 (32) 25.11.2015 (33) Germany	(51) E03C 1/04 (11) EP3070210 (21) EP16000559.1 (47) 26.08.2020 (22) 08.03.2016 (54) FITTING BODY FOR A SANITARY FITTING AND METHOD OF MANUFACTURING (73) Grohe AG (72) Loi, Thomas Theyson, Pia Philipps-Liebich, Hartwig (31) 102015002894 (32) 09.03.2015 (33) Germany
(51) E02B 3/10 E02B 7/22 E02B 7/54 E04H 9/14 E04H 17/20 (11) EP3249103 (21) EP16171717.8 (47) 26.08.2020 (22) 27.05.2016 (54) SUPPORT OF A FLOOD PROTECTION WALL (73) Steinhardt GmbH (72) Steinhardt, Jörg-Michael	(51) E02F 9/22 F02D 29/04 F04B 49/06 F15B 21/08 (11) EP2977515 (21) EP14769211.5 (47) 26.08.2020 (87) KR2014002381 25.09.2014 (22) 21.03.2014 (54) METHOD FOR CONTROLLING HYDRAULIC SYSTEM OF CONSTRUCTION MACHINERY (73) Doosan Infracore Co., Ltd. (72) THO, Yong Ho JUNG, Woo Yong (31) 20130030442 (32) 21.03.2013 (33) Korea (Republic)	(51) E03C 1/04 (11) EP2753853 (21) EP12756470.6 (47) 26.08.2020 (87) EP2012067628 14.03.2013 (22) 10.09.2012 (54) SINGLE LEVER MIXER TAP FOR A WASH BASIN (73) CeramTec GmbH (72) CHRIST, Frank SELL, Matthias (31) 102011082400 (32) 09.09.2011 (33) Germany
(51) E02D 27/42 E04H 12/34 F03D 13/20 (11) EP3219879	(51) E03B 1/04 E03B 3/03 E03B 5/02 E03B 11/16 F04F 7/02 (11) EP3143214 (21) EP15730220.9 (47) 26.08.2020 (87) GB2015051375 19.11.2015	(51) E03C 1/08 E03C 1/084 E03C 1/086 (11) EP3280848 (21) EP16769165.8 (47) 26.08.2020 (87) SE2016050158 29.09.2016 (22) 01.03.2016

(54) ADJUSTABLE FLOW LIMITER FOR A MIXING FAUCET AND A METHOD FOR ADJUSTING THE FLOW	(33) Italy	POZZA, Luca
(73) NGL Teknik I Linköping AB	(51) E03F 5/22	MANFRONI, Odine
(72) NORLING, Jacob	(11) EP2966231	TONI, Marco
(31) 1530036	(21) EP15175639.2	(31) 20180000750
(32) 23.03.2015	(47) 26.08.2020	(32) 11.01.2018
(33) Sweden	(22) 07.07.2015	(33) Italy
Sweden	(54) SEWAGE PUMPING STATION WITH FILTER DEVICE	(51) E04B 1/98
(51) E03C 1/288	(73) STRATE Technologie für Abwasser GmbH	E04H 9/10
E03C 1/298	(72) Unrein, Alexander	F42D 5/045
E03F 5/042	(31) 102014109658	(11) EP3187666
F16K 15/02	(32) 10.07.2014	(21) EP16002751.2
(11) EP3222894	(33) Germany	(47) 26.08.2020
(21) EP15860418.1	(51) E04B 1/38	(22) 29.12.2016
(47) 26.08.2020	E04B 7/02	(54) STRUCTURE OF A FACILITY FOR DEMINING, INVESTIGATING AND TESTING OF AN EXPLOSIVE DEVICE
(87) JP2015082146	E04D 13/03	(73) AS Amhold
26.05.2016	(11) EP3312358	(72) Mägi, Arvu
(22) 16.11.2015	(21) EP17196098.2	Ottas, Olavi
(54) CHECK VALVE	(47) 26.08.2020	(31) 201500087
(73) TLV Co., Ltd.	(22) 12.10.2017	(32) 31.12.2015
(72) HIROTANI, Masahisa	(54) INSTALLATION FRAME FOR A TRAPEZOIDAL SHEET METAL ROOF, ASSEMBLY OF A ROOF PASSAGE, AND A METHOD FOR MOUNTING THE INSTALLATION FRAME	(33) Estonia
(31) 2014232685	(73) S & H Besitz GmbH & Co. KG	(51) E04B 2/02
(32) 17.11.2014	(72) Keppelhoff, Josef	E04B 2/18
(33) Japan	(31) 202016105974 U	E04C 2/04
(51) E03C 1/322	102017108988	E04F 13/08
E04F 13/07	(32) 24.10.2016	(11) EP3282062
(11) EP2881517	26.04.2017	(21) EP17185759.2
(21) EP13196283.9	(33) Germany	(47) 26.08.2020
(47) 26.08.2020	Germany	(22) 10.08.2017
(22) 09.12.2013	(54) BUILDING SYSTEM FOR BUILDING A WALL IN MASONRY STONES	(73) SAGOMA GROUP, naamloze vennootschap
(54) Fastening device for sanitary articles to a wall part and / or on a wall	(51) E04B 1/76	(72) MARCHETTA, Gianni Luciano
(73) Dereli, Batuhan	E04B 1/94	MARCHETTA, Claudia
(72) Dereli, Batuhan	E04F 13/00	MARCHETTA, Cerina
(51) E03D 1/30	E04F 13/08	(31) 201605636
E03D 3/12	(11) EP3486390	(32) 12.08.2016
E03D 5/02	(21) EP17201939.0	(33) Belgium
(11) EP3516124	(47) 26.08.2020	(51) E04B 2/74
(21) EP17761803.0	(22) 15.11.2017	E04B 2/82
(47) 26.08.2020	(54) CONSTRUCTION OF AN EXTERIOR WALL AND FLAME ARRESTER FOR A CONSTRUCTION OF AN EXTERIOR WALL	(11) EP3513013
(87) EP2017001024	(73) STO SE & Co. KGaA	(21) EP17788289.1
08.03.2018	(72) Hitzler, Martin	(47) 26.08.2020
(22) 29.08.2017	Kohler, Eva	(87) IB2017055545
(54) DRAIN FITTING FOR A WC FLUSH TANK	Burgeth, Gerald	22.03.2018
(73) Grohedahl Sanitärsysteme GmbH	Weier, Andreas	(22) 14.09.2017
(72) BURKHARDT, Jürgen	Kaiser, Achim	(54) SYSTEM FOR THE PARTITION OF SPACES
KOCH, Christian	(51) E04B 1/98	(73) Danesi, Silvio
WÖHLER, Sven	E04H 9/02	Sacchi, Maurizio
(31) 102016010335	(11) EP3511479	(72) Danesi, Silvio
(32) 29.08.2016	(21) EP19151058.5	Sacchi, Maurizio
(33) Germany	(47) 26.08.2020	(31) 201600093079
(51) E03D 9/00	(22) 09.01.2019	201600093081
(11) EP3051033	(54) FRICTION DAMPING ASSEMBLY	(32) 15.09.2016
(21) EP16152928.4	(73) Fratelli E' Possibile - F.E' P. Societa'	15.09.2016
(47) 26.08.2020	Cooperativa Sociale	(33) Italy
(22) 27.01.2016	Savoia, Marco	Italy
(54) DEVICE FOR APPLYING A SANITIZING PRODUCT, PARTICULARLY FOR SANITARY FIXTURES AND THE LIKE	Pozza, Luca	(51) E04B 7/08
(73) Bolton Manitoba SpA	Manfroni, Odine	E04H 15/32
(72) BAIGUERRA, Gianpaolo	Toni, Marco	(11) EP3453808
(31) MI20150109	Arlozzi, Marco	(21) EP18193813.5
(32) 28.01.2015	Valzania, Ettore	(47) 26.08.2020
	(72) SAVOIA, Marco	(22) 11.09.2018

(54) CONNECTING DEVICE FOR MOUNTING ON A BUILDING FOR THE TENSIONING OF A COVERING FABRIC	(73) Blanc-Beauregard, Philippe (72) Blanc-Beauregard, Philippe (31) 1659801 (32) 11.10.2016 (33) France	(73) PERI GMBH (72) SCHNEIDER, Werner (31) 102016204633 (32) 21.03.2016 (33) Germany
(73) SMC2 (72) SUIRE, Olivier (31) 1758383 (32) 11.09.2017 (33) France	(51) E04F 10/10 (11) EP3060727 (21) EP14824053.4 (47) 26.08.2020 (87) FR2014052708 30.04.2015 (22) 23.10.2014 (54) SUNSHADE COMPRISING A FIXED PART AND A MOTORIZED MOVING PART, BOTH PARTS BEING EQUIPPED WITH PHOTOVOLTAIC CELLS	(51) E04G 11/22 E04G 11/24 E04G 11/28 E04G 17/06 (11) EP3470603 (21) EP18176874.8 (47) 26.08.2020 (22) 08.06.2018 (54) METHOD FOR ERECTING STRUCTURAL ELEMENTS OF BUILDING/CONSTRUCTION OF MONOLITHIC REINFORCED CONCRETE AND TECHNOLOGICAL EQUIPMENT TO IMPLEMENT IT
(51) E04C 1/39 F16L 3/00 F24D 3/14 (11) EP3181773 (21) EP16203263.5 (47) 26.08.2020 (22) 09.12.2016 (54) MASONRY COMPOUND FOR GENERATING ENERGY (73) Hagemeister GmbH & Co. KG, Ziegelwerk (72) Penzenstadler, Andreas Mähner, Dietmar Lengers, Jacob Brand, Carina	(73) GSE Integration Sika S.r.L. (72) SECCO, Pietro SABBAN, Gilles Ylan (31) 1360429 (32) 25.10.2013 (33) France	(73) Popescu, Nicolae Coretchi, Ana Popescu, Pavel (72) Popescu, Nicolae Coretchi, Ana Popescu, Pavel
(31) 102015121728 (32) 14.12.2015 (33) Germany	(51) E04F 13/08 E04F 13/24 (11) EP2806083 (21) EP13002705.5 (47) 26.08.2020 (22) 24.05.2013 (54) Device for fixing plastic boards to structures or components and method for lining components or structures with plastic boards	(31) 20170087 (32) 10.10.2017 (33) Moldova (Republic)
(51) E04D 1/26 E04D 3/30 (11) EP3551815 (21) EP17822369.9 (47) 26.08.2020 (87) FR2017053380 14.06.2018 (22) 05.12.2017 (54) METAL TILE AND ROOF PRODUCED WITH SAID TILES (73) Bacacier Industries You Steel (72) VIGOUROUX, Jean-Christophe	(73) agru Kunststofftechnik Gesellschaft m.b.H. (72) Uebigau, Michael Hummel, Rudolf	(51) E04H 4/12 (11) EP3599324 (21) EP19184568.4 (47) 26.08.2020 (22) 05.07.2019 (54) SKIMMER (73) MTS Produkte für den Schwimmbadbau und die Unterwassertechnik GmbH (72) Schydlo, Marc
(31) 1662274 (32) 10.12.2016 (33) France	(51) E04F 13/08 E04F 15/02 E04F 15/04 (11) EP2531667 (21) EP11740112.5 (47) 26.08.2020 (87) SE2011050116 11.08.2011 (22) 03.02.2011 (54) MECHANICAL LOCKING SYSTEM FOR FLOOR PANELS AND CORRESPONDING TONGUE	(31) 202018104312 U (32) 26.07.2018 (33) Germany
(51) E04D 13/035 E06B 7/23 (11) EP3299571 (21) EP17190698.5 (47) 26.08.2020 (22) 12.09.2017 (54) BUILDING CLOSURE WITH A SEALING DEVICE (73) Roto Frank DST Marken GmbH & Co. KG (72) Klöpfer, Heiner	(73) Välinge Innovation AB (72) PERVAN, Darko PÅLSSON, Agne (31) 1050111 (32) 04.02.2010 (33) Sweden	(51) E04H 4/16 (11) EP3480391 (21) EP18170431.3 (47) 26.08.2020 (22) 02.05.2018 (54) POOL CLEANING ROBOT HAVING A FILTERING UNIT AND A SENSOR (73) Maytronics Ltd. (72) Kehati, Avshalom Regev, Ofer (31) 201815961911 17199823 (32) 25.04.2018 03.11.2017 (33) United States of America European Patent Office (EPO)
(31) 102016218255 (32) 22.09.2016 (33) Germany	(51) E04F 10/06 E04F 13/00 F16B 5/06 G09F 15/00 G09F 19/22 (11) EP3526420 (21) EP17787231.4 (47) 26.08.2020 (87) FR2017052720 19.04.2018 (22) 03.10.2017 (54) CANVAS SYSTEM STRETCHED BETWEEN TWO BEAMS	(51) E04H 9/02 (11) EP3445928 (21) EP17853559.7 (47) 26.08.2020 (87) TR2017050253 29.03.2018 (22) 07.06.2017 (54) TORSIONAL DAMPER (73) Dicleli, Murat Milani, Ali Salem (72) Dicleli, Murat Milani, Ali Salem

(31) 201607751	(51) E05B 55/00	(31) 102017222291
(32) 08.06.2016	E05B 59/00	(32) 08.12.2017
(33) Turkey	E05B 63/04	(33) Germany
(51) E04H 17/14	E05B 63/22	(51) E05D 3/16
(11) EP3221534	(11) EP3271533	E05D 11/06
(21) EP15860853.9	(21) EP16764060.6	E05F 1/12
(47) 26.08.2020	(47) 26.08.2020	(11) EP2607590
(87) US2015060691	(87) AU2016050180	(21) EP12008218.5
26.05.2016	22.09.2016	(47) 26.08.2020
(22) 13.11.2015	(22) 15.03.2016	(22) 08.12.2012
(54) ELASTIC NON-METAL CLIP AND ASSEMBLED FENCE INCLUDING THE SAME	(54) PUSH AND/OR PULL HANDLE LOCKSET	(54) FURNITURE FITTING FOR A MOBILE FURNITURE ITEM
(73) Zhu, Alan Qing-Lin	(73) Vander Industries Pty. Ltd.	(73) Grass GmbH
(72) Zhu, Alan Qing-Lin	Nguyen, Thuan	(72) Henschel, Heinz-Josef
(31) PCT/CN2014/001026	(72) NGUYEN, Thuan	Hirtsiefer, Artur
201414578103	(31) 2015900938	Rödder, Bernd
(32) 18.11.2014	(32) 16.03.2015	Schnell, Jürgen
19.12.2014	(33) Australia	Schmidt, Klaus-Dieter
(33) World Intellectual Property Office (WIPO) United States of America	(51) E05B 65/52	(31) 202011109550 U
(51) E05B 3/04	E05B 77/14	(32) 23.12.2011
E05B 15/16	E05B 77/48	(33) Germany
(11) EP3202999	E05B 83/30	(51) E05D 5/02
(21) EP17152823.5	B62J 9/00	(11) EP3067496
(47) 26.08.2020	G07C 9/00	(21) EP16157072.6
(22) 24.01.2017	(11) EP3472413	(47) 26.08.2020
(54) ACTUATING HANDLE AND INSERT MEMBER FOR AN ACTUATING HANDLE	(21) EP17723931.6	(22) 24.02.2016
(73) HOPPE AG	(47) 26.08.2020	(54) ASSEMBLY WITH A FIXING DEVICE
(72) Zeus, Christian Josef	(87) EP2017059912	(73) Siemens Mobility GmbH
Sailer, Kurt	21.12.2017	(72) Reske, Marko
Eder, Ewald	(22) 26.04.2017	(31) 102015204144
(31) 102016102013	(54) LOCKING ASSEMBLY	(32) 09.03.2015
(32) 04.02.2016	(73) Bayerische Motoren Werke Aktiengesellschaft	(33) Germany
(33) Germany	(72) REINHART, Peter	(51) E05D 15/26
(51) E05B 9/02	SIEVERS-PAULSEN, Johann	E05D 15/40
E05B 63/12	(31) 102016210591	E06B 3/48
E05B 65/08	(32) 15.06.2016	E06B 9/06
(11) EP3564469	(33) Germany	(11) EP3475513
(21) EP19169719.2	(51) E05C 17/00	(21) EP17737902.1
(47) 26.08.2020	E05C 17/48	(47) 26.08.2020
(22) 17.04.2019	E05C 17/58	(87) NL2017050420
(54) LOCK FOR SLIDING FIXTURES	E05D 11/10	28.12.2017
(73) Officine Meccaniche Emilio Perego S.r.l.	E05B 79/20	(22) 23.06.2017
(72) PEREGO, Roberto	E05B 83/24	(54) A SECTIONAL FOLDING OVERHEAD DOOR ASSEMBLY
(31) 201800005071	(11) EP3521541	(73) Rolflex Exploitatie B.V.
(32) 04.05.2018	(21) EP18154370.3	(72) MEGENS, Johannes Hendrikus
(33) Italy	(47) 26.08.2020	(31) 16176165
(51) E05B 17/20	(22) 31.01.2018	(32) 24.06.2016
E05C 19/16	(54) HOOD CONTROL SYSTEM	(33) European Patent Office (EPO)
(11) EP2829671	(73) Ford Otomotiv Sanayi Anonim Sirketi	(51) E05F 1/14
(21) EP13765180.8	(72) Gündogdu, Özgür	(11) EP3117060
(47) 26.08.2020	Demirtas, Özhan	(21) EP15705474.3
(87) CN2013073043	Metin, Ercan	(47) 26.08.2020
26.09.2013	Gül, Seyhun	(87) AT2015000005
(22) 22.03.2013	(51) E05C 17/28	17.09.2015
(54) SHOCK-PROOF MECHANICAL MAGNETIC LOCK	E05D 15/30	(22) 19.01.2015
(73) Shanghai One Top Corporation	E05F 3/22	(54) ACTUATOR ARM FOR A FURNITURE FLAP
Lequy, Michel	E05F 5/02	(73) Julius Blum GmbH
Dierckx, Amélie	(11) EP3495592	(72) HOLZAPFEL, Andreas
(72) CHANG, Tsung-chin	(21) EP18208075.4	(31) 1792014
(31) 201210079316	(47) 26.08.2020	(32) 13.03.2014
(32) 22.03.2012	(22) 23.11.2018	(33) Austria
(33) China	(54) BRAKING DEVICE FOR A WING WHICH CAN BE MOVED RELATIVE TO A STATIONARY FRAME	(51) E05F 5/12
	(73) Aug. Winkhaus GmbH & Co. KG	(11) EP2896773
	(72) Hakenes, Andreas	(21) EP15151170.6
	Schewe, Florian	(47) 26.08.2020

(22) 14.01.2015	(47) 26.08.2020	(54) DOWNHOLE POSITIONING AND ANCHORING DEVICE
(54) Control of closure sequence	(22) 26.08.2009	(73) Robertson Intellectual Properties, LLC
(73) ASSA ABLOY Sicherheitstechnik GmbH	(54) PULSED ELECTRIC ROCK DRILLING APPARATUS	(72) ROBERTSON, Michael C.
(72) Rittinger, Peter	(73) SDG, LLC	GRATTAN, Antony F.
(31) 102014100439	(72) MOENY, William M	STREIBICH, Douglas J.
(32) 16.01.2014	(31) 19886808	LAXALT, Marcelo J.
(33) Germany	(32) 26.08.2008	(31) 201562157292 P
(51) E06B 3/64	(33) United States of America	(32) 05.05.2015
E06B 9/264	(51) E21B 17/01	(33) United States of America
(11) EP3276116	E21B 17/18	(51) E21B 23/00
(21) EP17001294.2	E21B 19/16	E21B 33/124
(47) 26.08.2020	E21B 19/24	E21B 33/127
(22) 27.07.2017	E21B 41/00	E21B 34/14
(54) WINDOW ARRANGEMENT WITH A SOLAR PROTECTION DEVICE	(11) EP3492690	E21B 43/267
(73) Sapa AS	(21) EP18209827.7	(11) EP3158162
(72) Neumann, Markus	(47) 26.08.2020	(21) EP15731038.4
(31) 102016009101	(22) 11.05.2012	(47) 26.08.2020
(32) 27.07.2016	(54) HIGH PRESSURE MULTIBORE JUNCTION ASSEMBLY	(87) EP2015063940
(33) Germany	(73) Halliburton Energy Services Inc.	30.12.2015
(51) E06B 9/06	(72) STEELE, David, Joe	(22) 22.06.2015
E06B 9/58	(31) 201113152892	(54) DOWNHOLE STIMULATION SYSTEM
(11) EP3438405	(32) 03.06.2011	(73) Welltec Oilfield Solutions AG
(21) EP18000624.9	(33) United States of America	(72) HAZEL, Paul
(47) 26.08.2020	(51) E21B 17/02	VASQUES, Ricardo Reves
(22) 25.07.2018	(11) EP3400359	(31) 14173461
(54) QUICK CLOSING FOLD UP DEVICE	(21) EP16884094.0	15160034
(73) B.PROJET S.r.l.	(47) 26.08.2020	(32) 23.06.2014
(72) Benotto, Danilo	(87) US2016012361	20.03.2015
(31) 201700087744	13.07.2017	(33) European Patent Office (EPO)
(32) 31.07.2017	(22) 06.01.2016	European Patent Office (EPO)
(33) Italy	(54) ROTARY STEERABLE DRILLING TOOL	(51) E21B 28/00
(51) E06B 9/302	(73) Isodrill, Inc.	E21B 37/00
E06B 9/322	(72) BARGACH, Saad	E21B 43/12
(11) EP3536890	BONNER, Stephen D.	F04B 47/02
(21) EP19167805.1	NOLD, Raymond, V., III	F04B 49/00
(47) 26.08.2020	MASSEY, James P.	F04B 49/06
(22) 14.12.2015	BRUNETTI, Jon A.	F04B 49/12
(54) SUNSHADE APPARATUS AND METHOD FOR ITS USE	(51) E21B 17/02	E21B 47/00
(73) Lupak Metal S.r.l.	E21B 33/127	(11) EP3505722
(72) AMADORI, Daniela	(11) EP3380698	(21) EP19157150.4
MOR, Carlo	(21) EP16798530.8	(47) 26.08.2020
BETTOLI, Luca	(47) 26.08.2020	(22) 06.05.2015
(31) BO20140725	(87) EP2016078422	(54) SUBTERRANEAN PUMP WITH PUMP CLEANING MODE
BO20140724	01.06.2017	(73) Unico, LLC
(32) 23.12.2014	(22) 22.11.2016	(72) PETERSON, Ronald G.
23.12.2014	(54) ANNULAR BARRIER COMPLETION WITH INDUCTIVE SYSTEM	BENDER, Jonathan D.
(33) Italy	(73) Welltec Oilfield Solutions AG	(31) 201514704079
Italy	(72) VASQUES, Ricardo Reves	201461990492 P
(51) E06B 9/34	HAZEL, Paul	(32) 05.05.2015
(11) EP3283720	(31) 15195919	08.05.2014
(21) EP16725912.6	16150086	(33) United States of America
(47) 26.08.2020	(32) 23.11.2015	United States of America
(87) IB2016052124	04.01.2016	(51) E21B 29/00
20.10.2016	(33) European Patent Office (EPO)	(11) EP3387212
(22) 14.04.2016	European Patent Office (EPO)	(21) EP16806159.6
(54) ROLLER SHUTTER WITH TILTABLE SLATS	(51) E21B 23/00	(47) 26.08.2020
(73) KIKAU s.r.l.	E21B 23/01	(87) EP2016080068
(72) MONTANARO, Donato	E21B 23/02	15.06.2017
(31) RM20150158	(11) EP3292265	(22) 07.12.2016
(32) 14.04.2015	(21) EP16790110.7	(54) DOWNHOLE WIRELINE MACHINING TOOL STRING
(33) Italy	(47) 26.08.2020	(73) Welltec A/S
(51) E21B 7/15	(87) US2016031048	(72) KRÜGER, Christian
(11) EP3461988	10.11.2016	JENSEN, Sven Karsten
(21) EP18208250.3	(22) 05.05.2016	(31) 15198341
		16178500

(32) 08.12.2015	(51) E21B 41/00	F01C 21/08
07.07.2016	E21B 47/08	F04C 2/16
(33) European Patent Office (EPO)	E21B 47/12	(11) EP3045655
European Patent Office (EPO)	(11) EP3310996	(21) EP14843733.8
(51) E21B 31/00	(21) EP16736317.5	(47) 26.08.2020
(11) EP3353370	(47) 26.08.2020	(87) RU2014000660
(21) EP16849707.1	(87) US2016038511	19.03.2015
(47) 26.08.2020	29.12.2016	(22) 04.09.2014
(87) US2016053345	(22) 21.06.2016	(54) WORKING MEMBER OF A HELICAL
30.03.2017	(54) SYSTEMS, METHODS, AND	ROTARY MACHINE
(22) 23.09.2016	APPARATUSES FOR DOWNHOLE	(73) Closed Joint Stock Company
(54) FRACTURING BALL RETRIEVAL	LATERAL DETECTION USING	"Technology Market"
DEVICE AND METHOD	ELECTROMAGNETIC SENSORS	(72) KAZAKIAVICHIOUS, Sergei Matveevich
(73) Bakken Ball Retrieval, LLC	(73) Saudi Arabian Oil Company	KUZNETSOV, Vladimir Mikhailovich
(72) SULLIVAN, Cary James	(72) ARSALAN, Muhammad	SKOVORODIN, Aleksandr Vladimirovich
(31) 201514864407	AHMAD, Talha, J.	REMNEVA, Tatiana Andreevna
(32) 24.09.2015	NOUI-MEHIDI, Mohamed, N.	ZAKHARKIN, Nikolai Vladimirovich
(33) United States of America	(31) 201562183004 P	STANOVSKOI, Viktor Vladimirovich
(51) E21B 33/12	(32) 22.06.2015	(31) 2013141721
E21B 47/04	(33) United States of America	(32) 10.09.2013
(11) EP3372781	(51) E21B 43/26	(33) Russian Federation
(21) EP18165341.1	F04B 9/117	(51) F01C 21/08
(47) 26.08.2020	F04B 17/05	F01C 21/10
(22) 09.05.2012	F04B 47/04	F04C 2/324
(54) VERIFICATION OF SWELLING IN A	F04B 49/08	F04C 2/344
WELL	(11) EP3548744	F04C 11/00
(73) Halliburton Energy Services Inc.	(21) EP17840454.7	F04C 14/22
(72) HINKIE, Ronald, L.	(47) 26.08.2020	F04C 15/00
PRICE, Kurtis, W.	(87) NO2017050307	(11) EP2401503
SEVRE, Alf, K.	07.06.2018	(21) EP10745775.6
WENDORF, Scott, F.	(22) 28.11.2017	(47) 26.08.2020
(31) 201113112343	(54) A PLANT FOR CONTROLLING	(87) CA2010000268
(32) 20.05.2011	DELIVERY OF PRESSURIZED FLUID	02.09.2010
(33) United States of America	IN A CONDUIT, AND A METHOD OF	(22) 23.02.2010
(51) E21B 33/124	CONTROLLING A PRIME MOVER	(54) INTEGRATED ELECTRIC VANE OIL
E21B 33/127	(73) Impact Solutions AS	PUMP
(11) EP3356641	(72) STOKKEVÅG, Terje	(73) Magna Powertrain FPC Limited
(21) EP16852652.3	HUSØY, Oddgeir	Partnership
(47) 26.08.2020	(31) 20161911	(72) HADAR, Gil
(87) US2016054578	(32) 30.11.2016	(31) 155619 P
06.04.2017	(33) Norway	(32) 26.02.2009
(22) 30.09.2016	(51) F01B 9/02	(33) United States of America
(54) Systems and Methods for Retraction	F01B 17/04	(51) F01D 5/02
Assembly	F01K 3/00	F01D 5/04
(73) Schlumberger Technology B.V.	F01K 7/00	F04D 29/28
(72) ROUCHON, Lambert	F02B 75/32	F04D 29/66
CORRE, Pierre-Yves	F02F 11/00	(11) EP3521632
(31) 15290249	F02G 1/02	(21) EP16921178.6
(32) 30.09.2015	F03G 6/00	(47) 26.08.2020
(33) European Patent Office (EPO)	F16G 5/00	(87) JP2016083072
(51) E21B 37/00	F16J 15/00	17.05.2018
E21B 43/12	(11) EP3417150	(22) 08.11.2016
(11) EP3516162	(21) EP17708154.4	(54) ROTARY MACHINE
(21) EP17777135.9	(47) 26.08.2020	(73) Mitsubishi Heavy Industries Compressor
(47) 26.08.2020	(87) DE2017100086	Corporation
(87) US2017051748	24.08.2017	(72) MASUDA Yuji
29.03.2018	(22) 06.02.2017	(51) F01D 5/04
(22) 15.09.2017	(54) HEAT ENGINE, IN PARTICULAR ORC	F02C 3/30
(54) AUTOMATED WASH METHOD FOR	ENGINE	F02C 9/18
A PROGRESSING CAVITY PUMP	(73) DeVeTec GmbH	(11) EP3455465
SYSTEM	(72) SCHNUR, Rainer	(21) EP17734138.5
(73) Bristol, Inc., D/B/A Remote Automation	HORBACH, Joscha	(47) 26.08.2020
Solutions	(31) 102016102650	(87) IB2017052668
(72) MILLS, Thomas, Matthew	(32) 16.02.2016	16.11.2017
(31) 201662399873 P	(33) Germany	(22) 08.05.2017
(32) 26.09.2016	(51) F01C 1/08	(54) MIXED FLOW OPTIMIZED TURBINE
(33) United States of America	F01C 1/16	(73) Turboden S.p.A.
	F01C 1/20	(72) GAIA, Mario

BINI, Roberto	(33) United States of America	United States of America
COLOMBO, Davide	(51) F01D 5/14	(51) F01D 5/18
(31) UA20163292	F01D 5/20	F16L 39/00
(32) 10.05.2016	(11) EP2943653	(11) EP3418618
(33) Italy	(21) EP14737978.8	(21) EP18176421.8
(51) F01D 5/08	(47) 26.08.2020	(47) 26.08.2020
F01D 25/12	(87) US2014010175	(22) 07.06.2018
F02C 7/18	17.07.2014	(54) MIDDLE THREADED FITTING
F04D 29/26	(22) 03.01.2014	(73) United Technologies Corporation
F04D 29/58	(54) ROTOR BLADE AND	(72) SANCHEZ, Christopher A.
(11) EP3058176	CORRESPONDING GAS TURBINE	(31) 201715631809
(21) EP14850225.5	ENGINE	(32) 23.06.2017
(47) 26.08.2020	(73) United Technologies Corporation	(33) United States of America
(87) US2014054915	(72) LAMB, Donald William, Jr.	(51) F01D 5/28
09.04.2015	(31) 201313736100	F01D 5/30
(22) 10.09.2014	(32) 08.01.2013	(11) EP3460193
(54) GAS TURBINE ENGINE WITH	(33) United States of America	(21) EP18192343.4
COMPRESSOR DISK DEFLECTORS	(51) F01D 5/14	(47) 26.08.2020
(73) United Technologies Corporation	F04D 29/32	(22) 04.09.2018
(72) HIESTER, Paul J.	F04D 29/66	(54) CONTACT INTERFACE FOR A
(31) 201361885547 P	F04D 29/68	COMPOSITE COMPONENT AND
(32) 02.10.2013	(11) EP3502482	METHODS OF FABRICATION
(33) United States of America	(21) EP17209156.3	(73) General Electric Company
(51) F01D 5/12	(47) 26.08.2020	(72) WEAVER, Matthew Mark
(11) EP2981679	(22) 20.12.2017	KLEINOW, Chad Daniel
(21) EP14814372.0	(54) COMPRESSOR BLADE WITH	AGNEW, Brian Jared
(47) 26.08.2020	MODIFIED STAGGER ANGLE	(31) 201715709835
(87) US2014031818	SPANWISE DISTRIBUTION	(32) 20.09.2017
24.12.2014	(73) Ansaldo Energia Switzerland AG	(33) United States of America
(22) 26.03.2014	(72) WEIS, Roman	(51) F01D 5/28
(54) ROTOR FOR GAS TURBINE ENGINE	LOETZERICH, Michael	F01D 25/00
(73) United Technologies Corporation	(51) F01D 5/18	B23K 26/364
(72) COSBY, James	(11) EP3039246	(11) EP3508698
HUI, Kwan	(21) EP14793492.1	(21) EP18214615.9
WEISSE, Michael A.	(47) 26.08.2020	(47) 26.08.2020
(31) 201361806957 P	(87) EP2014072986	(22) 20.12.2018
(32) 01.04.2013	07.05.2015	(54) SLOTTED CERAMIC COATING WITH
(33) United States of America	(22) 27.10.2014	A REACTIVE PHASE COATING
(51) F01D 5/14	(54) TURBINE BLADE	DISPOSED THEREON FOR IMPROVED
F01D 5/18	(73) Siemens Aktiengesellschaft	CMAS RESISTANCE AND METHODS
(11) EP2390464	(72) AHMAD, Fathi	OF FORMING THE SAME
(21) EP11167956.9	HESELHAUS, Andreas	(73) General Electric Company
(47) 26.08.2020	RADULOVIC, Radan	(72) KESHAVAN, Hrishikesh
(22) 27.05.2011	(31) 13190714	PRITCHARD, Byron Andrew
(54) Turbine blade with enhanced wake	(32) 29.10.2013	HOEL, Cathleen Ann
mixing via fluidic-generated vortices	(33) European Patent Office (EPO)	KULKARNI, Ambarish Jayant
(73) General Electric Company	(51) F01D 5/18	IDELCHIK, Michael Solomon
(72) Gupta, Anurag	F01D 5/28	BEWLAY, Bernard Patrick
Yao, Jixian	(11) EP2937513	(31) 201815865495
(31) 789480	(21) EP15164246.9	(32) 09.01.2018
(32) 28.05.2010	(47) 26.08.2020	(33) United States of America
(33) United States of America	(22) 20.04.2015	(51) F01D 5/30
(51) F01D 5/14	(54) METHOD OF FORMING A	F01D 9/04
F01D 5/18	COMPONENT	F01D 25/24
F02C 7/00	(73) United Technologies Corporation	(11) EP3450687
(11) EP2867472	(72) Lewis, Scott D.	(21) EP18173432.8
(21) EP13833314.1	Patel, Gaurav M.	(47) 26.08.2020
(47) 26.08.2020	Hembree, Jeffrey Scott	(22) 21.05.2018
(87) US2013044419	Quach, San	(54) STATOR ASSEMBLY WITH
06.03.2014	Zelesky, Mark F.	CONTOURED RETENTION CLIP FOR
(22) 06.06.2013	Candelori, David J.	GAS TURBINE ENGINE
(54) TURBINE VANE	Mongillo, Dominic J.	(73) United Technologies Corporation
(73) United Technologies Corporation	(31) 201461984064 P	(72) BARAINCA, Brian
(72) BERGMAN, Russell J.	201514639507	BAUMANN, Paul W.
BACH, Leonard A.	(32) 25.04.2014	(31) 201715605991
SPANGLER, Brandon W.	05.03.2015	(32) 26.05.2017
(31) 201213539842	(33) United States of America	(33) United States of America
(32) 02.07.2012		

(51) F01D 9/02 F02K 3/00 F02K 3/06	DAMMOTO, Yosuke KATOU, Eigo AKIYAMA, Yoji	(72) CIGAL, Brian P. DAVIS, Todd, A.
(11) EP2904254 (21) EP13843958.3 (47) 26.08.2020	SEIKE, Nariaki YOSHIDA, Toyotaka CHIBA, Takeru	(31) 201361790616 P (32) 15.03.2013 (33) United States of America
(87) US2013030407 10.04.2014 (22) 12.03.2013	(51) F01D 21/00 G01M 11/08 G01M 15/14	(51) F01D 25/16 F01D 25/24 F01D 25/28 F02C 7/20 F02K 3/06
(54) GEARED TURBOFAN ENGINE WITH HIGH COMPRESSOR EXIT TEMPERATURE	(11) EP2972218 (21) EP13878162.0 (47) 26.08.2020	(11) EP3394400 (21) EP16825478.7 (47) 26.08.2020
(73) United Technologies Corporation (72) SCHWARZ, Frederick M. HASEL, Karl L.	(87) US2013076104 18.09.2014 (22) 18.12.2013	(87) FR2016053332 29.06.2017 (22) 12.12.2016
(31) 201261708692 P (32) 02.10.2012 (33) United States of America	(54) FOCUSED OPTICAL CONFIGURATION FOR NSMS PROBES	(54) TURBOJET ENGINE WITH A MEANS OF TRANSFERRING THRUST ON THE INTER-COMPRESSORS CASING
(51) F01D 11/00 F01D 17/16 F02B 37/24 F02C 6/12 F02C 7/24	(73) United Technologies Corporation (72) HOCKADAY, Bruce (31) 201361794533 P 201361903212 P	(73) Safran Aircraft Engines (72) BORDONI, Nils, Edouard, Romain BRAULT, Michel, Gilbert, Roland CUVILLIER, Romain, Guillaume KUBIAK, Guillaume, Patrice NEGRI, Arnaud, Nicolas NOWAKOWSKI, Nathalie
(11) EP3234310 (21) EP14820755.8 (47) 26.08.2020	(32) 15.03.2013 12.11.2013 (33) United States of America United States of America	(31) 1563322 (32) 24.12.2015 (33) France
(87) EP2014025028 23.06.2016 (22) 19.12.2014	(51) F01D 21/02 F01D 21/04 F02C 7/06 F02C 7/36	(51) F01D 25/26 F01K 7/22 (11) EP3488083 (21) EP17736923.8 (47) 26.08.2020
(54) A TURBOCHARGER, AND A METHOD FOR MANUFACTURING A TURBOCHARGER	(11) EP3415726 (21) EP18178114.7 (47) 26.08.2020	(87) EP2017066556 01.03.2018 (22) 04.07.2017
(73) Volvo Truck Corporation (72) GISELMO, Kent	(22) 15.06.2018 (54) GEARED TURBOFAN WITH OVERSPEED PROTECTION	(54) EXHAUST HOUSING OF A STEAM TURBINE
(51) F01D 17/06 F01D 25/28 F16C 43/00 G01P 21/02	(73) United Technologies Corporation (72) SHERIDAN, William G. McCUNE, Michael E.	(73) Siemens Aktiengesellschaft (72) HILLEKE, Robert PREIBISCH, Stefan
(11) EP3273015 (21) EP17183923.6 (47) 26.08.2020	(31) 201715625144 (32) 16.06.2017 (33) United States of America	(31) 102016215770 (32) 23.08.2016 (33) Germany
(22) 20.05.2015 (54) CALIBRATION DEVICE FOR CARRYING OUT A DISASSEMBLY METHOD FOR GAS TURBINES	(51) F01D 21/04 (11) EP3456931 (21) EP18195284.7	(51) F01K 3/00 F01K 3/06 F01K 25/00
(73) Lufthansa Technik AG (72) ALBERT, Rainer PINKOWSKY, Tanja MALCHOW, Andina BOBSIEN, Dennis	(47) 26.08.2020 (22) 18.09.2018 (54) LAMINATED HYBRID COMPOSITE- METALLIC CONTAINMENT SYSTEM FOR GAS TURBINE ENGINES	(11) EP3532710 (21) EP17801354.6 (47) 26.08.2020 (87) EP2017077533 03.05.2018 (22) 26.10.2017
(31) 102014210297 (32) 30.05.2014 (33) Germany	(73) United Technologies Corporation (72) KLING, Colin J. LUSSIER, Darin S.	(54) ENERGY STORAGE DEVICE AND THERMAL ENERGY STORAGE METHOD
(51) F01D 17/16 F02B 37/24 F02B 39/00 F02C 6/12	(31) 201715707165 (32) 18.09.2017 (33) United States of America	(87) EP2017077533 03.05.2018 (22) 26.10.2017
(11) EP3421753 (21) EP16896743.8 (47) 26.08.2020	(51) F01D 25/04 F01D 25/16 F01D 25/24	(73) Ortmann, Peter Graf, Werner (72) Ortmann, Peter Graf, Werner
(87) JP2016059938 05.10.2017 (22) 28.03.2016	(11) EP2971682 (21) EP14807893.4 (47) 26.08.2020	(31) 16195878 (32) 26.10.2016 (33) European Patent Office (EPO)
(54) VARIABLE GEOMETRY TURBOCHARGER	(87) US2014027560 11.12.2014 (22) 14.03.2014	(51) F01K 3/12 F01K 3/18 F01K 13/00 F01K 23/00
(73) Mitsubishi Heavy Industries Engine & Turbocharger, Ltd. (72) SAKAMOTO, Keigo	(54) INTEGRATED FLEX SUPPORT AND FRONT CENTER BODY OF A GAS TURBINE ENGINE (73) United Technologies Corporation	



F01K 23/06	(21) EP16765017.5	(31) 2017063308
F01K 27/00	(47) 26.08.2020	(32) 28.03.2017
F01K 27/02	(87) JP2016058316	(33) Japan
F02C 6/16	22.09.2016	<hr/>
F28D 5/00	(22) 16.03.2016	(51) F02B 25/04
(11) EP3347576	(54) EXHAUST PURIFICATION SYSTEM	F02B 25/06
(21) EP16845068.2	(73) Isuzu Motors Limited	F02B 31/04
(47) 26.08.2020	(72) NAKADA, Teruo	F02B 75/00
(87) US2016050819	SAKAMOTO, Takayuki	F02B 75/02
16.03.2017	NAGAOKA, Daiji	F02F 1/22
(22) 08.09.2016	(31) 2015054515	(11) EP3175100
(54) LOW-COST HYBRID ENERGY STORAGE SYSTEM	(32) 18.03.2015	(21) EP15717579.5
(73) The Regents of the University of California	(33) Japan	(47) 26.08.2020
(72) KAVEHPOUR, Hossein, Pirouz	(51) F01N 3/10	(87) FR2015050829
ARYAFAR, Hamarz	F01N 3/20	04.02.2016
THACKER, Ariana	F01N 3/28	(22) 31.03.2015
JANBOZORGI, Mohammad	F01N 9/00	(54) TWO-STROKE COMBUSTION ENGINE OF AN AUTOMOTIVE VEHICLE WITH TWISTED INTAKE PORTS WITH LATERAL STRAIGHT EDGES
HOUSSAINY, Sammy	F02D 41/02	(73) Renault s.a.s.
ISMAIL, Walid	F02D 41/12	(72) DELAHAYE, Laurent
(31) 201562215692 P	F02D 41/14	JUSTET, Frédéric
(32) 08.09.2015	F02D 45/00	TRIBOTTE, Pascal
(33) United States of America	F01N 13/00	(31) 1457495
(51) F01K 7/04	(11) EP3351780	(32) 01.08.2014
F01K 7/16	(21) EP16845983.2	(33) France
F01K 17/00	(47) 26.08.2020	<hr/>
(11) EP3040525	(87) JP2016053031	(51) F02B 25/04
(21) EP15290001.5	23.03.2017	F02B 37/16
(47) 26.08.2020	(22) 02.02.2016	F02D 13/02
(22) 05.01.2015	(54) EXHAUST PURIFICATION CONTROL DEVICE	F02D 19/06
(54) Multi stage steam turbine for power generation	(73) Mitsubishi Jidosha Kogyo Kabushiki Kaisha	F02D 41/00
(73) General Electric Technology GmbH	(72) IWACHIDO, Kinichi	(11) EP2634398
(72) Jourdain, Vincent	(31) 2015182547	(21) EP11836443.9
Toulemonde, Martin	(32) 16.09.2015	(47) 26.08.2020
(51) F01L 3/08	(33) Japan	(87) JP2011074926
F16J 15/3268	(51) F01N 3/20	03.05.2012
(11) EP3550181	(11) EP3538748	(22) 28.10.2011
(21) EP19167205.4	(21) EP17821504.2	(54) TWO-STROKE ENGINE
(47) 26.08.2020	(47) 26.08.2020	(73) IHI Corporation
(22) 04.04.2019	(87) EP2017081649	(72) UMEMOTO Yoshiyuki
(54) A GASKET FOR A VALVE OF AN INTERNAL COMBUSTION ENGINE	28.06.2018	MORIYAMA Kouji
(73) FREUDENBERG SEALING TECHNOLOGIES S.A.S DI INTERNA ITALIA S.R.L.U	(22) 06.12.2017	YAMADA Takeshi
(72) BOI, Alessandro	(54) LINE SECTION FOR THE TEMPERATURE-CONTROLLED GUIDING OF A REDUCTANT FOR THE EXHAUST GAS AFTERTREATMENT OF AN INTERNAL COMBUSTION ENGINE	(31) 2010241856
KOKOSZYNSKI, Wojciech	(73) Voss Automotive GmbH	(32) 28.10.2010
TRUXIUS, Kira Sophie	(72) ROSENFELDT, Sascha	(33) Japan
SCHROIFF, Volker	HESELFELD, Sebastian	<hr/>
GRAMLICH, Martin	BOHL, Alexander	(51) F02B 25/14
MARTINI, Patrick	MITTERER, Reiner	F02B 33/04
KLINGSHIRN, Christoph	ZIERIS, Volker	F02B 33/28
(31) 201800004202	(31) 202016107103 U	F02B 63/02
(32) 04.04.2018	(32) 19.12.2016	F02B 75/02
(33) Italy	(33) Germany	F02F 1/00
(51) F01N 3/08	(51) F01P 3/02	F02F 1/22
F01N 3/20	(11) EP3382175	(11) EP3510265
F01N 3/36	(21) EP18164651.4	(21) EP17755254.4
F02D 41/02	(47) 26.08.2020	(47) 26.08.2020
F02D 41/04	(22) 28.03.2018	(87) IB2017054509
F02D 41/14	(54) COOLING APPARATUS OF INTERNAL COMBUSTION ENGINE	15.03.2018
F02D 41/24	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(22) 25.07.2017
F02D 41/30	(72) HASEGAWA, Yoshio	(54) TWO-STROKE INTERNAL COMBUSTION ENGINE
F02D 41/40	SHINAGAWA, Tomohiro	(73) Emak S.p.A.
F02D 45/00	MIYOSHI, Yuji	(72) FERRARI, Marco
(11) EP3273021		GAGLIARDI, Vincenzo
		(31) 201600090851
		(32) 08.09.2016
		(33) Italy
		<hr/>
		(51) F02B 31/00
		F02B 47/02

F02D 19/12	EBATA, Shunsuke	(33) France
F02M 25/022	(51) F02B 75/28	(51) F02C 7/16
F02M 25/028	F02F 3/14	F23M 5/08
F02M 25/03	(11) EP3400380	F23R 3/06
F02M 35/108	(21) EP17709526.2	F23R 3/42
F02M 26/00	(47) 26.08.2020	(11) EP3084304
(11) EP3070309	(87) US2017018964	(21) EP14887292.2
(21) EP14862498.4	08.09.2017	(47) 26.08.2020
(47) 26.08.2020	(22) 22.02.2017	(87) US2014071573
(87) JP2014079431	(54) MULTI-LAYERED PISTON CROWN FOR	01.10.2015
21.05.2015	OPPOSED-PISTON ENGINES	(22) 19.12.2014
(22) 06.11.2014	(73) Achates Power, Inc.	(54) COOLING AN APERTURE BODY OF A
(54) CONDENSED WATER SUPPLY	(72) WAGNER, Bryant, A.	COMBUSTOR WALL
CONTROL DEVICE FOR CYLINDER	MACKENZIE, Ryan, G.	(73) United Technologies Corporation
INJECTION TYPE INTERNAL	(31) 201615056909	(72) KOSTKA, JR. Stanislav
COMBUSTION ENGINE	(32) 29.02.2016	CUNHA, Frank J.
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(33) United States of America	(31) 201361919225 P
(72) NISHIDA, Kentaro	(51) F02C 3/05	(32) 20.12.2013
(31) 2013236988	F02C 3/14	(33) United States of America
(32) 15.11.2013	F02C 7/10	(51) F02C 7/232
(33) Japan	(11) EP3469201	F16K 15/14
(51) F02B 31/06	(21) EP17714546.3	G01F 1/28
F02B 31/08	(47) 26.08.2020	(11) EP3144507
F02F 1/42	(87) GB2017050843	(21) EP16189655.0
(11) EP1870578	14.12.2017	(47) 26.08.2020
(21) EP07301078.7	(22) 24.03.2017	(22) 20.09.2016
(47) 26.08.2020	(54) RADIAL FLOW TURBINE HEAT ENGINE	(54) INTEGRATED BYPASS VALVE
(22) 31.05.2007	(73) Hietia Technologies Limited	WITH PRESSURE, POSITION, AND
(54) INTAKE SYSTEM FOR AN INTERNAL	(72) JONES, Simon Lloyd	FLOWRATE FEEDBACK CAPABILITIES
COMBUSTION ENGINE	HISLOP, Drummond Watson	(73) Hamilton Sundstrand Corporation
(73) Renault	PULLEN, Keith Robert	(72) RIBAROV, Lubomir A.
(72) Guerneau, Thomas	(31) 201610089	CARPENTER, Richard J.
(31) 0605453	(32) 09.06.2016	ROURKE, Russel P.
(32) 20.06.2006	(33) United Kingdom	GIBBONS, Kevin
(33) France	(51) F02C 3/20	LUKER, William
(51) F02B 55/02	F02C 7/224	RUSSO, Charles J.
F02B 63/06	F02C 9/40	SCHMIDT, Samuel
F04C 23/00	(11) EP2206903	(31) 201514860118
F04C 29/04	(21) EP09180045.8	(32) 21.09.2015
(11) EP3070289	(47) 26.08.2020	(33) United States of America
(21) EP14862919.9	(22) 18.12.2009	(51) F02C 9/28
(47) 26.08.2020	(54) Method for controlling a heating value of	F23N 5/10
(87) CN2014085490	a fuel	F23R 3/60
21.05.2015	(73) General Electric Company	(11) EP2948660
(22) 29.08.2014	(72) Dinu, Constantin	(21) EP14714327.5
(54) ROTARY ENGINE	Kraemer, Gilbert	(47) 26.08.2020
(73) He, Shili	Myers, Geoffrey D.	(87) IB2014058503
(72) He, Shili	(31) 350061	31.07.2014
(31) 201310569757	(32) 07.01.2009	(22) 23.01.2014
(32) 13.11.2013	(33) United States of America	(54) GAS TURBINE PLANT FOR ELECTRIC
(33) China	(51) F02C 6/08	ENERGY PRODUCTION AND METHOD
(51) F02B 75/04	F02C 7/14	FOR OPERATING SAID PLANT
F02B 75/32	(11) EP3224462	(73) Ansaldo Energia S.p.A.
F02B 77/00	(21) EP15812881.9	(72) FUCILE, Giuseppe
F16F 15/02	(47) 26.08.2020	MANTERO, Marco
F16F 15/08	(87) FR2015053200	RATTO, Christian
(11) EP3203051	02.06.2016	ZITO, Domenico
(21) EP14902982.9	(22) 24.11.2015	(31) MI20130089
(47) 26.08.2020	(54) COOLING DEVICE FOR A	(32) 23.01.2013
(87) JP2014075885	TURBOMACHINE SUPPLIED BY A	(33) Italy
07.04.2016	DISCHARGE CIRCUIT	(51) F02D 9/02
(22) 29.09.2014	(73) Safran Aircraft Engines	F02D 41/00
(54) VEHICULAR ANTI-VIBRATION DEVICE	(72) BOUJIDA, Benissa	(11) EP3351773
(73) Nissan Motor Co., Ltd	BERNAVA, Daniel	(21) EP15904133.4
(72) KONDO, Masahiko	IGEL, Dominik	(47) 26.08.2020
HIRANO, Yoshinori	ROTENBERG, Maxime	(87) JP2015076697
MATSUMOTO, Keiichiro	(31) 1461416	23.03.2017
TANIMURA, Koji	(32) 25.11.2014	(22) 18.09.2015

(54) CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE AND CONTROL METHOD FOR INTERNAL COMBUSTION ENGINE	DOI, Masayoshi MURAKAMI, Taishi OHSARA, Tatsuro YAMAGISHI, Osamu	STEWART, Doyle Kent (31) 201615044985 (32) 16.02.2016 (33) United States of America
(73) NISSAN MOTOR CO., LTD.	(31) 2015182483	(51) F02K 1/09
(72) HAMAMOTO, Takayuki	(32) 16.09.2015	F02K 1/38
(51) F02D 11/10	(33) Japan	(11) EP3599368
F02D 41/12	(51) F02D 19/06	(21) EP19181190.0
F02D 41/22	F02D 19/08	(47) 26.08.2020
F02D 41/26	F02D 31/00	(22) 19.06.2019
G06F 9/48	F02D 41/00	(54) EXHAUST NOZZLE ASSEMBLY
(11) EP3462314	F02D 41/02	(73) Rolls-Royce plc
(21) EP18190996.1	F02D 41/04	(72) Watson, Jonathan
(47) 26.08.2020	F02D 41/30	Hickey, Conor
(22) 27.08.2018	F02D 41/38	(31) 201811780
(54) SELECTIVE METHOD FOR PERFORMING VARIOUS FUNCTIONS FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE ACCORDING TO AN ORDER OF PRIORITY	(11) EP3351777 (21) EP16846034.3 (47) 26.08.2020 (87) JP2016065254 23.03.2017	(32) 19.07.2018 (33) United Kingdom
(73) PSA Automobiles SA	(22) 24.05.2016	(51) F02M 51/00
(72) MARTINEZ, Jose Luis	(54) ENGINE DEVICE	F02M 51/06
CHEMISKY, Jean Pierre	(73) Yanmar Co., Ltd.	F02M 53/02
MATE RODRIGUEZ, Maria Jose	(72) HAGIWARA, Ryoichi	F02M 61/16
TRUTET, Arnaud	DOI, Masayoshi	F16K 31/00
(31) 1759046	MURAKAMI, Taishi	(11) EP3317568
(32) 29.09.2017	OHSARA, Tatsuro	(21) EP16736020.5
(33) France	YAMAGISHI, Osamu	(47) 26.08.2020
(51) F02D 19/06	(31) 2015182482	(87) EP2016064700 05.01.2017
F02D 19/08	(32) 16.09.2015	(22) 24.06.2016
F02D 19/10	(33) Japan	(54) AN INJECTOR HAVING A SHAPE
F02D 41/02	(51) F02D 41/14	MEMORY SPRING
F02D 41/04	(11) EP2904247	(73) Robert Bosch GmbH
F02D 41/30	(21) EP13844145.6	(72) KANDEMIR, Duygu
F02D 41/40	(47) 26.08.2020	(31) 201508181
(11) EP3351776	(87) IN2013000197 10.04.2014	(32) 02.07.2015
(21) EP16846033.5	(22) 26.03.2013	(33) Turkey
(47) 26.08.2020	(54) SYSTEM AND METHOD FOR PREDETERMINING THE ONSET OF IMPENDING OSCILLATORY INSTABILITIES IN PRACTICAL DEVICES	(51) F02M 55/04
(87) JP2016065253 23.03.2017	(73) Indian Institute Of Technology Madras	(11) EP3309384
(22) 24.05.2016	(72) NAIR VINOD, Vineeth	(21) EP16193407.0
(54) ENGINE DEVICE	THAMPI, Gireeshkumaran	(47) 26.08.2020
(73) Yanmar Co., Ltd.	KARUPPUSAMY, Sulochana	(22) 12.10.2016
(72) HAGIWARA, Ryoichi	RAMAN PILLAI INDUSEKHARAN NAIR, Sujith	(54) ANTI-REFLECTION DEVICE FOR AN INJECTION VALVE AND INJECTION VALVE
TOSHINAGA, Kazuteru	GOPALAN, Saravanan	(73) Vitesco Technologies GmbH
DOI, Masayoshi	(31) 4110CH2012	(72) Grandi, Mauro
MURAKAMI, Taishi	4476CH2012	Filippi, Stefano
OHSARA, Tatsuro	(32) 01.10.2012	Schürz, Willibald
YAMAGISHI, Osamu	(33) India	(51) F02M 59/02
(31) 2015182481	India	F02M 59/44
(32) 16.09.2015	(51) F02D 41/20	F02M 59/48
(33) Japan	(11) EP3417162	F04B 53/14
(51) F02D 19/06	(21) EP17708009.0	F04B 1/04
F02D 19/08	(47) 26.08.2020	(11) EP3108138
F02D 31/00	(87) US2017016665 24.08.2017	(21) EP14819019.2
F02D 41/00	(22) 06.02.2017	(47) 26.08.2020
F02D 41/02	(54) DETECTION OF VALVE OPEN TIME FOR SOLENOID OPERATED FUEL INJECTORS	(87) EP2014079159 20.08.2015
F02D 41/04	(73) Woodward, Inc.	(22) 23.12.2014
F02D 41/30	(72) NAIR, Suraj	(54) PISTON FUEL PUMP FOR AN INTERNAL COMBUSTION ENGINE
(11) EP3351778		(73) Robert Bosch GmbH
(21) EP16846035.0		(72) STRITZEL, Soeren
(47) 26.08.2020		JAHN, Heiko
(87) JP2016065255 23.03.2017		(31) 102014202809
(22) 24.05.2016		(32) 17.02.2014
(54) ENGINE DEVICE		(33) Germany
(73) Yanmar Co., Ltd.		(51) F02N 11/08
(72) HAGIWARA, Ryoichi		

- (11) EP2798196  
(21) EP12812274.4  
(47) 26.08.2020  
(87) EP2012076951  
04.07.2013  
(22) 27.12.2012  
(54) METHOD OF DECIDING ABOUT  
COUPLING A DRIVING SHAFT  
(73) SEG Automotive Germany GmbH  
(72) CWIK, Matthias  
ROESSLE, Markus  
MAURITZ, Ewald  
(31) 102011090151  
(32) 30.12.2011  
(33) Germany
- 
- (51) F03B 13/14  
F03B 13/18  
F16H 3/00  
F16H 31/00  
F16H 35/18  
(11) EP3458707  
(21) EP17798833.4  
(47) 26.08.2020  
(87) IB2017052176  
23.11.2017  
(22) 14.04.2017  
(54) ENERGY HARVESTING DEVICE  
CONVERTING MULTIAXIAL  
TRANSLATIONAL AND ROTATIONAL  
MOTION TO UNIDIRECTIONAL  
ROTATIONAL MOTION  
(73) Sathyanarayanan, Sairandri  
Sathyanarayanan, Sacheth  
(72) Sathyanarayanan, Sairandri  
Sathyanarayanan, Sacheth  
(31) 201641017034  
201641030185  
201715486643  
(32) 17.05.2016  
03.09.2016  
13.04.2017  
(33) India  
India  
United States of America
- 
- (51) F03D 1/00  
(11) EP3112667  
(21) EP16177006.0  
(47) 26.08.2020  
(22) 29.06.2016  
(54) ANTI-OSCILLATION TOOL  
(73) Vestas Wind Systems A/S  
(72) CHEN, Zhen-Zhe  
LINK, Ryan  
RISAGER, Lars  
(31) 201562186706 P  
201570455  
(32) 30.06.2015  
10.07.2015  
(33) United States of America  
Denmark
- 
- (51) F03D 7/02  
F03D 7/04  
(11) EP3482067  
(21) EP17739870.8  
(47) 26.08.2020  
(87) EP2017000800  
11.01.2018  
(22) 06.07.2017
- (54) CONTROL SYSTEM, WIND TURBINE  
AND CONTROL METHOD  
(73) Universität Stuttgart  
(72) RAACH, Steffen  
FÜRST, Holger  
HAIZMANN, Florian  
SCHLIPF, David  
(31) 102016212364  
(32) 06.07.2016  
(33) Germany
- 
- (51) F03D 7/02  
H02P 9/00  
H02P 9/10  
H02P 21/05  
(11) EP2658112  
(21) EP13164778.6  
(47) 26.08.2020  
(22) 22.04.2013  
(54) Methods and Systems for Controlling a  
Power Converter  
(73) General Electric Company  
(72) Larsen, Einar Vaughn  
(31) 201213454647  
(32) 24.04.2012  
(33) United States of America
- 
- (51) F03D 7/04  
(11) EP2582972  
(21) EP11723002.9  
(47) 26.08.2020  
(87) EP2011002533  
22.12.2011  
(22) 20.05.2011  
(54) METHOD AND DEVICE FOR  
PREVENTING A LATERAL  
OSCILLATION OF A WIND POWER  
INSTALLATION  
(73) Weidmüller Monitoring Systems GmbH  
(72) HESS, Felix  
BUCHTALA, Boris  
(31) 102010023887  
(32) 15.06.2010  
(33) Germany
- 
- (51) F03D 7/04  
F03D 17/00  
(11) EP3012449  
(21) EP15191184.9  
(47) 26.08.2020  
(22) 23.10.2015  
(54) SYSTEM AND METHOD FOR  
MONITORING AND CONTROLLING  
WIND TURBINES WITHIN A WIND  
FARM  
(73) General Electric Company  
(72) NOTO, William Borea  
CAFFREY, Paul O.  
HAGMANN, Joerg  
(31) 201414521661  
(32) 23.10.2014  
(33) United States of America
- 
- (51) F03D 13/20  
F03D 80/80  
(11) EP3219982  
(21) EP16160119.0  
(47) 26.08.2020  
(22) 14.03.2016  
(54) DOOR FRAME OF A WIND TURBINE  
TOWER
- (73) Siemens Gamesa Renewable Energy A/  
S  
(72) Shaik, Mujahid
- 
- (51) F03G 6/06  
F24S 10/70  
F24S 20/20  
F24S 23/30  
F24S 23/74  
F24S 23/77  
F24S 23/79  
F24S 30/425  
F24S 70/225  
F24S 80/20  
F24S 80/50  
(11) EP2834574  
(21) EP13771966.2  
(47) 26.08.2020  
(87) US2013020584  
10.10.2013  
(22) 07.01.2013  
(54) Linear Solar Receiver for Concentrating  
Solar Power Systems  
(73) Norwich Technologies, Inc.  
(72) STETTENHEIM, Joel  
MCBRIDE, Troy, O.  
BRAMBLES, Oliver, J.  
(31) 201261583585 P  
(32) 05.01.2012  
(33) United States of America
- 
- (51) F04B 17/04  
H02K 33/16  
(11) EP3527823  
(21) EP18167794.9  
(47) 26.08.2020  
(22) 17.04.2018  
(54) OSCILLATING PISTON PUMP  
COMPRISING A SINGLE-PIECE  
STRUCTURAL MEMBER HAVING  
FIRST AND SECOND HOLLOW  
TUBULAR BODIES  
(73) Sauermann Industrie  
(72) SARDET, François  
DE GEA, Olivier  
BOUSSUGE, Jean-Baptiste  
CLEVELAND, Didier  
(31) 1851355  
(32) 16.02.2018  
(33) France
- 
- (51) F04B 19/00  
F04B 43/02  
F04B 43/04  
F04B 53/10  
F04F 7/00  
(11) EP3060803  
(21) EP14824891.7  
(47) 26.08.2020  
(87) FR2014052712  
30.04.2015  
(22) 24.10.2014  
(54) METHOD FOR GENERATING A FLOW  
OF FLUID  
(73) Université de Lille  
CNRS Centre National de la Recherche  
Scientifique  
Centrale Lille Institut  
(72) MERLEN, Alain  
ZOUESHTIAGH, Farzam  
TALBI, Abdelkrim

PERNOD, Philippe	(21) EP15855381.8	Japan
FRANKIEWICZ, Christophe	(47) 26.08.2020	Japan
(31) 1360387	(87) US2015058222	(51) F04C 15/00
(32) 24.10.2013	06.05.2016	F04C 18/02
(33) France	(22) 30.10.2015	F04C 23/00
(51) F04B 19/00	(54) MICROELECTROMECHANICAL	F04C 29/00
F04B 43/04	SYSTEMS FABRICATED WITH ROLL	F04C 29/02
F04B 45/047	TO ROLL PROCESSING	(11) EP3263900
F04F 7/00	(73) Marsh, Stephen Alan	(21) EP16754938.5
(11) EP2670982	(72) Marsh, Stephen Alan	(47) 26.08.2020
(21) EP12703335.5	(31) 201462073092 P	(87) JP2016000800
(47) 26.08.2020	(32) 31.10.2014	01.09.2016
(87) GB2012050227	(33) United States of America	(22) 16.02.2016
09.08.2012	(51) F04B 43/04	(54) SCROLL-TYPE COMPRESSOR
(22) 03.02.2012	(11) EP3290703	(73) Daikin Industries, Ltd.
(54) PUMP	(21) EP17179921.6	(72) MURAKAMI, Yasuhiro
(73) TTP Ventus Ltd	(47) 26.08.2020	MIZUSHIMA, Yasuo
(72) CAMPBELL, Andrew Robert	(22) 06.07.2017	NAKAI, Ryouta
BUCKLAND, Justin Rorke	(54) MANUFACTURING METHOD OF FLUID	KATOU, Katsumi
(31) 201101870	CONTROL DEVICE	(31) 2015039345
(32) 03.02.2011	(73) Microjet Technology Co., Ltd	(32) 27.02.2015
(33) United Kingdom	(72) CHEN, Shih-Chang	(33) Japan
(51) F04B 35/04	CHANG, Ying-Lun	(51) F04C 18/344
F04B 39/12	WU, Hsiang-Dyi	F04C 25/02
(11) EP3343035	HUANG, Chi-Feng	(11) EP3029326
(21) EP17210704.7	HAN, Yung-Lung	(21) EP14852572.8
(47) 26.08.2020	LIAO, Jia-Yu	(47) 26.08.2020
(22) 27.12.2017	CHEN, Jheng-Wei	(87) JP2014074963
(54) RECIPROCATING COMPRESSOR	(31) 105128594	16.04.2015
(73) LG Electronics Inc.	(32) 05.09.2016	(22) 19.09.2014
(72) CHO, Jaeho	(33) Taiwan, Province of China	(54) NEGATIVE-PRESSURE PUMP AND
KIM, Dowan	(51) F04C 2/14	CYLINDER HEAD COVER
(31) 20160180835	F04C 14/04	(73) Sanoh Industrial Co., Ltd.
(32) 28.12.2016	F04C 14/10	(72) YAMAZAKI, Nobushi
(33) Korea (Republic)	F04C 15/06	(31) 2013210337
(51) F04B 35/06	(11) EP2594796	(32) 07.10.2013
F04B 41/02	(21) EP12192378.3	(33) Japan
G01M 3/02	(47) 26.08.2020	(51) F04C 18/356
(11) EP2816231	(22) 13.11.2012	F04C 29/00
(21) EP14001893.8	(54) Bi-directional pump	F04C 29/04
(47) 26.08.2020	(73) Deere & Company	(11) EP3470679
(22) 31.05.2014	(72) Goss, Ryan P	(21) EP17815041.3
(54) Device for flushing and/or for testing	Jacobs, Lourens M	(47) 26.08.2020
the pressure and tightness of pipes, in	(31) 201113298346	(87) JP2017017749
particular of drinking water and/or heating	(32) 17.11.2011	28.12.2017
systems	(33) United States of America	(22) 10.05.2017
(73) REMS GmbH & Co KG	(51) F04C 14/18	(54) COMPRESSOR AND VALVE
(31) 102013010832	F04C 14/24	ASSEMBLY
(32) 21.06.2013	F04C 14/28	(73) Daikin Industries, Ltd.
(33) Germany	G01H 17/00	(72) ENDOU, Chihiro
(51) F04B 39/02	(11) EP3514389	MASUDA, Masanori
F04B 39/12	(21) EP18215617.4	INADA, Yukihiro
(11) EP3201468	(47) 26.08.2020	(31) 2016123421
(21) EP15847057.5	(22) 21.12.2018	(32) 22.06.2016
(47) 26.08.2020	(54) PUMP APPARATUS, TEST OPERATION	(33) Japan
(87) CN2015090720	METHOD OF PUMP APPARATUS,	(51) F04C 18/356
07.04.2016	MOTOR ASSEMBLY AND METHOD	F04C 29/00
(22) 25.09.2015	FOR IDENTIFYING ABNORMAL	H02K 3/34
(54) REFRIGERATION COMPRESSOR AND	VIBRATION OF MOTOR ASSEMBLY	H02K 3/52
LIMITING DEVICE	(73) Ebara Corporation	(11) EP2113987
(73) Secop Compressors (Tianjin) Co., Ltd.	(72) NISHIMURA, Kazuma	(21) EP08711458.3
(72) WANG, Shuai	(31) 2017253422	(47) 26.08.2020
(31) 201420580968 U	2017253423	(87) JP2008052634
(32) 30.09.2014	2017253424	28.08.2008
(33) China	(32) 28.12.2017	(22) 18.02.2008
(51) F04B 43/00	28.12.2017	(54) INSULATOR FOR MOTOR, STATOR,
(11) EP3212931	28.12.2017	MOTOR AND COMPRESSOR
	(33) Japan	(73) Daikin Industries, Ltd.

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (72) TSUKAMOTO, Satoshi<br>NABETANI, Yasukazu<br>(31) 2007044297<br>(32) 23.02.2007<br>(33) Japan                                                                                                                                                                                                                                                                                                                                                                | (31) CO20100025<br>(32) 11.05.2010<br>(33) Italy                                                                                                                                                                                                                                                                                                                                   | (22) 28.06.2013<br>(54) COOLING RACK FAN MODULE AND<br>METHOD OF COOLING                                                                                                                                                                                                                                                                                                                                 |
| (51) F04C 23/00<br>F04C 29/00<br>H02K 1/27<br>H02K 1/32<br>H02K 7/14                                                                                                                                                                                                                                                                                                                                                                                             | (51) F04D 17/12<br>F04D 29/051<br>F04D 29/058<br>F04D 29/58                                                                                                                                                                                                                                                                                                                        | (73) Schneider Electric IT Corporation<br>(72) CAO, Qian<br>LONG, Rong<br>GAO, Pan<br>ZHANG, Xuxiang<br>LI, Qiang                                                                                                                                                                                                                                                                                        |
| (11) EP2113985<br>(21) EP08711537.4<br>(47) 26.08.2020<br>(87) JP2008052713<br>28.08.2008<br>(22) 19.02.2008<br>(54) MOTOR AND COMPRESSOR<br>(73) Daikin Industries, Ltd.<br>(72) KOJIMA, Hiroaki<br>(31) 2007042031<br>(32) 22.02.2007<br>(33) Japan                                                                                                                                                                                                            | (11) EP3545197<br>(21) EP17800887.6<br>(47) 26.08.2020<br>(87) EP2017079946<br>31.05.2018<br>(22) 21.11.2017<br>(54) TURBO-COMPRESSOR AND<br>METHOD OF OPERATING A TURBO-<br>COMPRESSOR<br>(73) Nuovo Pignone Tecnologie - S.r.l.<br>(72) DOZZINI, Matteo<br>ORTIZ NERI, Massimiliano<br>FIORAVANTI, Duccio<br>BIGI, Manuele<br>(31) 201600120314<br>(32) 28.11.2016<br>(33) Italy | (51) F04D 29/02<br>F04D 29/26<br>F04D 29/28<br>(11) EP2778428<br>(21) EP14157261.0<br>(47) 26.08.2020<br>(22) 28.02.2014<br>(54) Mounting arrangement for a radial fan for<br>a suction hood<br>(73) BSH Hausgeräte GmbH<br>(72) Blaz, Robert<br>Güclü, İlhan<br>Maurer, Eugen<br>(31) 102013204140<br>(32) 11.03.2013<br>(33) Germany                                                                   |
| (51) F04D 17/02<br>F04D 17/12<br>(11) EP2938882<br>(21) EP13866835.5<br>(47) 26.08.2020<br>(87) US2013020065<br>03.07.2014<br>(22) 03.01.2013<br>(54) CENTRIFUGAL EXPANDERS AND<br>COMPRESSORS EACH WITH BOTH<br>FLOW FROM PERIPHERY TO CENTER<br>AND FLOW FROM CENTER TO<br>PERIPHERY IN BOTH EXTERNAL<br>HEAT AND INTERNAL COMBUSTION<br>(73) Graf, Ronald E.<br>(72) Graf, Ronald E.<br>(31) 201213728250<br>(32) 27.12.2012<br>(33) United States of America | (51) F04D 17/12<br>F04D 29/054<br>F04D 29/28<br>F04D 29/62<br>(11) EP2381109<br>(21) EP11162747.7<br>(47) 26.08.2020<br>(22) 15.04.2011<br>(54) ROTOR FOR A COMPRESSOR WITH<br>TIE ROD AND BOLTED FLANGES AND<br>METHOD OF ASSEMBLING THE SAME<br>(73) Nuovo Pignone S.p.A.<br>(72) Guenard, Denis Guillaume Jean<br>(31) MI20100684<br>(32) 21.04.2010<br>(33) Italy              | (51) F04D 29/16<br>F16J 15/16<br>(11) EP2906829<br>(21) EP13763062.0<br>(47) 26.08.2020<br>(87) EP2013069243<br>17.04.2014<br>(22) 17.09.2013<br>(54) SPLIT RING HAVING A SELF-<br>REGULATING THROTTLE GAP<br>(73) KSB SE & Co. KGaA<br>(72) LENK, Jan Hendrik<br>(31) 102012218606<br>(32) 12.10.2012<br>(33) Germany                                                                                   |
| (51) F04D 17/12<br>F04D 27/02<br>F04D 29/46<br>(11) EP2943686<br>(21) EP14700360.2<br>(47) 26.08.2020<br>(87) EP2014050428<br>17.07.2014<br>(22) 13.01.2014<br>(54) COMPRESSOR UNIT WITH A<br>VARIABLE AERODYNAMIC PROFILE<br>(73) Thermodyn SAS<br>(72) NAWROCKI, Gilles<br>GAUDEZ, Pascal<br>(31) 1350304<br>(32) 14.01.2013<br>(33) France                                                                                                                    | (51) F04D 17/16<br>G01F 1/36<br>G01F 1/40<br>G01F 15/18<br>(11) EP3048429<br>(21) EP15152536.7<br>(47) 26.08.2020<br>(22) 26.01.2015<br>(54) Device for measuring a main fluid flow<br>through a ventilation installation<br>(73) Sensirion AG<br>(72) Hornung, Mark<br>Monnin, Eric<br>Meier, Bruno<br>Cerna, Roland                                                              | (51) F04D 29/70<br>F04D 31/00<br>E21B 47/00<br>(11) EP2859241<br>(21) EP12726806.8<br>(47) 26.08.2020<br>(87) EP2012061019<br>19.12.2013<br>(22) 11.06.2012<br>(54) SUBSEA COMPRESSOR CLEANING<br>METHOD WHEREIN THE CLEANING<br>LIQUID IS RETRIEVED FROM THE<br>MULTIPHASE PROCESS FLUID<br>(73) Equinor Energy AS<br>(72) BRENNE, Lars<br>BJØRGE, Tor<br>UNDERBAKKE, Harald<br>KIBSGAARD, Svend Tarald |
| (51) F04D 17/12<br>F04D 29/051<br>(11) EP2386763<br>(21) EP11165096.6<br>(47) 26.08.2020<br>(22) 06.05.2011<br>(54) MULTISTAGE COMPRESSOR WITH<br>BALANCING PISTONS<br>(73) Nuovo Pignone S.p.A.<br>(72) Guenard, Denis Guillaume Jean                                                                                                                                                                                                                           | (51) F04D 25/16<br>F04D 29/52<br>F04D 29/58<br>F04D 29/60<br>F04D 29/64<br>F04D 29/66<br>F04D 29/70<br>H05K 7/20<br>(11) EP3014128<br>(21) EP13887725.3<br>(47) 26.08.2020<br>(87) CN2013078396<br>31.12.2014                                                                                                                                                                      | (51) F15B 13/04<br>F15B 13/043<br>F16H 61/02<br>G05D 16/20<br>(11) EP2644906<br>(21) EP13000577.0<br>(47) 26.08.2020<br>(22) 05.02.2013<br>(54) Valve, in particular pilot-operated<br>proportional pressure-regulating valve                                                                                                                                                                            |

(73) Hydac Fluidtechnik GmbH	(11) EP3236089	(33) Germany
(72) Bruck, Peter	(21) EP15823183.7	(51) F16C 9/02
Hilzendegegen, Philipp	(47) 26.08.2020	F16C 17/10
Schneider, Gerd	(87) ES2015070900	F16C 33/04
(31) 102012006681	23.06.2016	F16C 33/10
(32) 30.03.2012	(22) 14.12.2015	F16C 33/14
(33) Germany	(54) SEALING PLUG FOR CLOSING HOLES	F16C 43/02
(51) F15B 15/22	IN WALLS AND THE LIKE	(11) EP3491260
(11) EP3358199	(73) HEGAIN 2100 Consulting S.L.	(21) EP17745176.2
(21) EP16851306.7	20 EMMA 20 S.L.	(47) 26.08.2020
(47) 26.08.2020	(72) ELDUAYEN MADARIAGA, Juan Andrés	(87) EP2017069006
(87) JP2016077848	SANCHEZ GARDUÑO, Javier	01.02.2018
06.04.2017	(31) 201431841	(22) 27.07.2017
(22) 21.09.2016	(32) 16.12.2014	(54) HALF FLANGED BUSCHING
(54) FLUID PRESSURE CYLINDER	(33) Spain	ASSEMBLY
(73) KYB-YS Co., Ltd.	(51) F16B 13/14	(73) KS Gleitlager GmbH
(72) KOBAYASHI, Nobuyuki	(11) EP3301313	(72) BUSCHENHENKE, Frank
HIRAI, Tatsuya	(21) EP17192913.6	SCHROEDER, Hubert
SATOU, Shinji	(47) 26.08.2020	HEGER, Peter
(31) 2015195786	(22) 25.09.2017	SCHIESZL, Steffen
(32) 01.10.2015	(54) ADHESIVE ANCHOR	REISER, Manuel
(33) Japan	(73) EFCO Befestigungstechnik AG	LANGNER, Heinbert
(51) F16B 2/12	(72) ZENHÄUSERN, Yvo	TREUTNER, Stefan
(11) EP3464910	DOPPELBAUER, Thomas	BURKHART, Stephan
(21) EP17745531.8	(31) 508792016	SKIADAS, Athanassios
(47) 26.08.2020	(32) 29.09.2016	FUELLENBACH, Torsten
(87) SE2017050567	(33) Austria	HOENE, Wilfried
30.11.2017	(51) F16B 21/08	(31) 102016114132
(22) 29.05.2017	F16L 3/13	(32) 29.07.2016
(54) ATTACHMENT DEVICE	H02G 3/32	(33) Germany
(73) Mafi AB	(11) EP3207609	(51) F16C 17/08
(72) AXELSSON, Andreas	(21) EP15759821.0	F16C 17/18
WASSDAHL, Jonas	(47) 26.08.2020	F16C 21/00
(31) 1650734	(87) EP2015070674	F16C 23/04
(32) 27.05.2016	21.04.2016	F16C 32/06
(33) Sweden	(22) 10.09.2015	F16C 39/02
(51) F16B 5/02	(54) FASTENING DEVICE FOR A LINE IN A	(11) EP3519710
F16B 37/02	VEHICLE	(21) EP17787638.0
(11) EP3317548	(73) Robert Bosch GmbH	(47) 26.08.2020
(21) EP16732977.0	(72) LOEBE, Thomas	(87) IB2017055949
(47) 26.08.2020	(31) 102014221102	05.04.2018
(87) EP2016063533	(32) 17.10.2014	(22) 28.09.2017
05.01.2017	(33) Germany	(54) VERTICAL SUPPORT DEVICE WITH
(22) 13.06.2016	(51) F16B 25/00	REDUCED ENERGY DISSIPATION FOR
(54) SCREW CONNECTION	(11) EP3354912	ROTATING SHAFTS
(73) Electrolux Appliances Aktiebolag	(21) EP17161587.5	(73) Genius Energy S.r.l
(72) KRÄMER, Daniel	(47) 26.08.2020	(72) STUCCHI, Angelo
KRANZ, Willi	(22) 17.03.2017	GALBUSERA, Emanuele
DEIB, Hans	(54) SCREW	(31) 201600097794
(31) 15174955	(73) Kwantex Research Inc.	(32) 29.09.2016
(32) 02.07.2015	(72) LIN, Chao-Wei	(33) Italy
(33) European Patent Office (EPO)	(31) 106102798	(51) F16C 19/06
(51) F16B 7/04	(32) 25.01.2017	F16C 19/54
H02G 3/04	(33) Taiwan, Province of China	F16C 41/00
(11) EP3477805	(51) F16B 25/00	G01D 5/347
(21) EP18201812.7	F16B 39/30	G01M 13/04
(47) 26.08.2020	(11) EP3199824	(11) EP3581910
(22) 22.10.2018	(21) EP17153167.6	(21) EP18177837.4
(54) CABLE LADDER CORNER	(47) 26.08.2020	(47) 26.08.2020
(73) Unex Aparellaje Electrico S.L.	(22) 26.01.2017	(22) 14.06.2018
(72) MOSTAZO OVIEDO, José Antonio	(54) FASTENING ARRANGEMENT	(54) ROTARY ENCODER FOR RAIL
(31) 201731290 U	AND USE OF A FASTENING	VEHICLES
(32) 25.10.2017	ARRANGEMENT	(73) Baumer Electric AG
(33) Spain	(73) SFS Intec Holding AG	(72) Tille, Dierk
(51) F16B 13/00	(72) Mair, Roland	Hohl, Michael
F16B 19/00	Comoth, Marc	(51) F16C 33/66
F16B 19/10	(31) 102016101519	F16C 35/063
	(32) 28.01.2016	F16C 35/067

B33Y 80/00	PCT/US2016/055258	(11) EP3032131
(11) EP3433504	(32) 03.12.2015	(21) EP15193559.0
(21) EP17717819.1	04.10.2016	(47) 26.08.2020
(47) 26.08.2020	(33) United States of America	(22) 06.11.2015
(87) GB2017050813	World Intellectual Property Office (WIPO)	(54) BRAKE ASSEMBLY AND METHOD OF CONTROL
28.09.2017	(51) F16D 41/07	(73) ArvinMeritor Technology, LLC
(22) 22.03.2017	F16D 59/00	(72) PHILPOTT, Daniel
(54) BEARING-SUPPORT HOUSING/SHAFT	(11) EP3339671	(31) 201414564139
(73) ESR Technology Limited	(21) EP16002699.3	(32) 09.12.2014
(72) MUNRO, Grant	(47) 26.08.2020	(33) United States of America
(31) 201604863	(22) 20.12.2016	(51) F16F 1/368
(32) 22.03.2016	(54) SUPPORT FOR A MEDICAL DEVICE	F16F 3/02
(33) United Kingdom	(73) Ondal Medical Systems GmbH	F16F 3/087
(51) F16D 1/033	(72) Happel, Jonathan	(11) EP3111105
F16D 1/076	(51) F16D 48/06	(21) EP15705994.0
(11) EP3327303	(11) EP2971835	(47) 26.08.2020
(21) EP17001695.0	(21) EP14709925.3	(87) EP2015053534
(47) 26.08.2020	(47) 26.08.2020	27.08.2015
(22) 13.10.2017	(87) EP2014054742	(22) 19.02.2015
(54) CONNECTION ASSEMBLY FOR CONNECTING A SHAFT TO A COMPONENT	(22) 11.03.2014	(54) SUPPORTING-SPRING UNIT FOR A VEHICLE CHASSIS
(73) Neumayer Tekfor Engineering GmbH	(54) APPARATUS AND METHOD FOR LEARNING FILLING PARAMETERS FOR A CLUTCH	(73) ThyssenKrupp Federn und Stabilisatoren GmbH
(72) Fuchs, Christian	(73) Dana Belgium N.V.	(72) LECHNER, Dieter
Etzold, Thomas	(72) VERSTEYHE, Mark R.J.	GROSS, Marcel
Lehmann, Martin	SHARIATMADAR, Keivan	SCHARR, Gerhard
(31) 102016012947	DEMARE, Arnout	(31) 102014102335
(32) 28.10.2016	MAESSEN, Mark	(32) 24.02.2014
(33) Germany	(31) 201361778723 P	(33) Germany
(51) F16D 3/40	(32) 13.03.2013	(51) F16F 7/08
F16D 3/41	(33) United States of America	F16F 7/09
(11) EP3572683	(51) F16D 48/06	(11) EP2618018
(21) EP18275069.5	(11) EP3096039	(21) EP13151875.5
(47) 26.08.2020	(21) EP16170590.0	(47) 26.08.2020
(22) 23.05.2018	(47) 26.08.2020	(22) 18.01.2013
(54) WEAR CHECK TOOL FOR UNIVERSAL JOINT	(22) 20.05.2016	(54) Improved friction damper
(73) Goodrich Actuation Systems Limited	(54) COUPLING, COUPLING ASSEMBLY AND WORKING MACHINE	(73) RO-SA PLAST S.p.A.
(72) KRACKE, Jeremy	(73) Desch Antriebstechnik GmbH & Co. KG	(72) Sandrin, Giannino
WILLIAMSON, Tom R.	(72) Geilker, Uwe	(31) PN20120004
(51) F16D 13/64	(31) 102015107932	(32) 23.01.2012
F16D 13/68	102016106367	(33) Italy
(11) EP3387281	(32) 20.05.2015	(51) F16F 9/14
(21) EP16820065.7	07.04.2016	F16F 9/52
(47) 26.08.2020	(33) Germany	(11) EP3333447
(87) US2016065361	Germany	(21) EP16202672.8
15.06.2017	(51) F16D 48/06	(47) 26.08.2020
(22) 07.12.2016	F16H 59/72	(22) 07.12.2016
(54) ANTI-BACKLASH CLUTCH PLATES	(11) EP2985483	(54) HYDRAULIC ROTARY SHOCK ABSORBER
(73) Norgren Automation Solutions, LLC	(21) EP14783480.8	(73) Piedrafita Sport S.L.
(72) KALB, James, R.	(47) 26.08.2020	(72) Barrada Buch, Luis
MARTTINEN, Edwin, E.	(87) JP2014053133	Pla, Olivier Jean André
(31) 201562263933 P	16.10.2014	Ankenbauer, Christian
(32) 07.12.2015	(22) 12.02.2014	(51) F16F 13/10
(33) United States of America	(54) FRICTION ELEMENT TEMPERATURE WARNING DEVICE AND TEMPERATURE WARNING METHOD	(11) EP3414470
(51) F16D 35/02	(73) NISSAN MOTOR CO., LTD.	(21) EP17716944.8
(11) EP3384174	(72) OOSHIMA, Kenichi	(47) 26.08.2020
(21) EP16871598.5	YAMAMOTO, Takeshi	(87) FR2017050603
(47) 26.08.2020	TSUKIDATE, Hidetoshi	19.10.2017
(87) US2016064681	(31) 2013082202	(22) 15.03.2017
08.06.2017	(32) 10.04.2013	(54) HYDRAULIC DAMPING MOUNT WITH LOW AND HIGH FREQUENCY DECOUPLING DEVICE
(22) 02.12.2016	(33) Japan	(73) PSA AUTOMOBILES S.A.
(54) VISCOUS CLUTCH FLUID CAPTURE SYSTEM	(51) F16D 65/18	(72) SAUVAGE, Olivier
(73) Horton, Inc.	F16D 66/02	CHILLON, Jean
(72) HENNESSY, David R.		ROTA, Laurent
STEVENS, Michael		
(31) 201562262565 P		



DIMITRIJEVIC, Zoran	F16H 57/08	F16H 48/34
(31) 1653265	F16H 57/02	(11) EP2635826
(32) 13.04.2016	(11) EP3392530	(21) EP11838574.9
(33) France	(21) EP17275055.6	(47) 26.08.2020
(51) F16F 15/14	(47) 26.08.2020	(87) US2011058233
(11) EP3146235	(22) 20.04.2017	10.05.2012
(21) EP15729329.1	(54) ROTARY GEARED ACTUATOR	(22) 28.10.2011
(47) 26.08.2020	(73) Goodrich Actuation Systems Limited	(54) ELECTRONICALLY TRIGGERED
(87) DE2015200275	(72) DAVIES, Steve	LOCKING DIFFERENTIAL
26.11.2015	(51) F16H 7/02	(73) Eaton Corporation
(22) 23.04.2015	F03D 9/00	(72) FOX, Matthew, G.
(54) FLYWHEEL WITH CENTRIFUGAL	F03D 15/00	MORGENSAI, Keith, E.
FORCE PENDULUM	(11) EP3295056	EDLER, Andrew, N.
(73) Schaeffler Technologies AG & Co. KG	(21) EP16725332.7	MCMILLAN, Patrick, J.
(72) STRASSER, Pascal	(47) 26.08.2020	(31) 201113283057
(31) 102014209511	(87) US2016032503	409696 P
(32) 20.05.2014	17.11.2016	(32) 27.10.2011
(33) Germany	(22) 13.05.2016	03.11.2010
(51) F16H 1/14	(54) BELT DRIVE MECHANISM	(33) United States of America
F16H 1/20	(73) Gates Corporation	United States of America
F16H 57/04	(72) YUAN, Jing	(51) F16H 55/08
(11) EP3452741	(31) 201514711964	(11) EP2988025
(21) EP17715478.8	(32) 14.05.2015	(21) EP15170071.3
(47) 26.08.2020	(33) United States of America	(47) 26.08.2020
(87) EP2017058004	(51) F16H 19/04	(22) 01.06.2015
09.11.2017	F16H 57/021	(54) STRAIGHT BEVEL GEAR
(22) 04.04.2017	E05F 15/00	WITH SPHERICAL INVOLUTE
(54) TRANSMISSION COMPRISING A	(11) EP3447333	CONFIGURATION
PUMP MECHANICALLY DRIVEN ON A	(21) EP18190207.3	(73) ArvinMeritor Technology, LLC
RING GEAR OF THE TRANSMISSION	(47) 26.08.2020	(72) Hirao, Wagner
(73) ZF Friedrichshafen AG	(22) 22.08.2018	Yamada, Silvio
(72) GUERRA, Fabio	(54) TRANSMISSION DEVICE FOR	(31) 201414458499
NIEDERMEIER, Hans-Peter	ATTACHING TO A DRIVE SHAFT	(32) 13.08.2014
ZITZELSBERGER, Florian	(73) Lock Antriebstechnik GmbH	(33) United States of America
MAHLER, Milos	(72) Baur, Marius	(51) F16J 15/00
(31) 102016207696	Bausch, Manfred	F16J 15/34
(32) 04.05.2016	Fluhr, Berthold	F16J 15/324
(33) Germany	(31) 102017119237	F16J 15/3244
(51) F16H 1/32	(32) 23.08.2017	(11) EP3022470
(11) EP3228902	(33) Germany	(21) EP14748309.3
(21) EP14907485.8	(51) F16H 25/22	(47) 26.08.2020
(47) 26.08.2020	(11) EP3406936	(87) NL2014050486
(87) JP2014082334	(21) EP17305594.8	22.01.2015
09.06.2016	(47) 26.08.2020	(22) 16.07.2014
(22) 05.12.2014	(22) 22.05.2017	(54) SHAFT SEAL AND A METHOD OF
(54) FASTENTING STRUCTURE FOR	(54) IMPROVED PLANETARY SCREW	OPERATING SUCH A SHAFT SEAL
FLEXIBLE EXTERNAL GEAR AND	MECHANISM	(73) IHC Holland IE B.V.
SHAFT MEMBER IN STRAIN WAVE	(73) Goodrich Actuation Systems SAS	(72) VAN OPSTAL, Timothy Alexander
GEARING DEVICE	(72) De La Chevasnerie, Arnaud	KONING, Theodorus Adrianus
(73) Harmonic Drive Systems Inc.	(51) F16H 48/20	(31) 2011179
(72) HOSHINA, Tatsuro	(11) EP3129680	(32) 17.07.2013
KOBAYASHI, Masaru	(21) EP15776679.1	(33) Netherlands
NAGAI, Akira	(47) 26.08.2020	(51) F16J 15/02
(51) F16H 1/32	(87) US2015025096	G12B 9/02
F16H 57/04	15.10.2015	H01F 27/02
(11) EP3379103	(22) 09.04.2015	H01F 38/14
(21) EP15908734.5	(54) HYDRAULIC CONTROL UNIT FOR A	H05K 5/04
(47) 26.08.2020	LIMITED SLIP DIFFERENTIAL	H02J 5/00
(87) JP2015082320	(73) Eaton Corporation	H02J 7/02
26.05.2017	(72) FISHER, Daniel P.	B60L 53/12
(22) 17.11.2015	EDLER, Andrew N.	(11) EP3574512
(54) STRAIN-WAVE GEAR DEVICE	BESEMER, Scott M.	(21) EP18701735.5
(73) Harmonic Drive Systems Inc.	OESCH, Jeffrey A.	(47) 26.08.2020
(72) HANDA, Jun	(31) 201461978413 P	(87) EP2018051685
KIMURA, Hiroaki	(32) 11.04.2014	02.08.2018
MIYAKE, Sotaro	(33) United States of America	(22) 24.01.2018
(51) F16H 1/48	(51) F16H 48/30	(54) RECEIVING DEVICE AND METHOD OF
		PRODUCING THE SAME

(73) Bombardier Primove GmbH	12.10.2017	(54) STEPPING MOTOR-DRIVEN CONTROL VALVE
(72) WECHSLER, Simon	(22) 06.04.2016	(73) TGK CO., Ltd.
GUNT, Roman	(54) EXHAUST GAS VALVE DEVICE	(72) HIROTA, Hisatoshi
(31) 102017101583	(73) Pierburg GmbH	(31) 2010257431
(32) 26.01.2017	(72) STERNBAUER, David	(32) 18.11.2010
(33) Germany	(51) F16K 3/28	(33) Japan
(51) F16J 15/08	F16K 3/30	(51) F16K 17/14
F16L 23/20	F16K 31/64	F16K 17/40
(11) EP3271622	F16K 51/02	(11) EP1957839
(21) EP16722364.3	(11) EP2577139	(21) EP06838865.1
(47) 26.08.2020	(21) EP10852318.4	(47) 26.08.2020
(87) IB2016051464	(47) 26.08.2020	(87) US2006046140
22.09.2016	(87) US2010056192	14.06.2007
(22) 15.03.2016	01.12.2011	(22) 04.12.2006
(54) PROCESS FOR MANUFACTURING A VACUUM AND RADIO-FREQUENCY METAL GASKET AND STRUCTURE INCORPORATING IT	(22) 10.11.2010	(54) PRESSURE RELIEF DEVICE
(73) Istituto Nazionale Di Fisica Nucleare (INFN)	(54) RETRACTABLE AND EXPANDABLE WATER COOLED VALVE GATE USEFUL FOR SEALING A HOT PROCESSING CHAMBER	(73) BS & B Safety Systems Limited
(72) ALESINI, David	(73) GTAT IP Holding LLC	(72) FARWELL, Steven
LOLLO, Valerio	(72) WILLIAMS, Dick, S.	SMYTH, Niall
BATTISTI, Antonio	LUTER, William, L.	BRAZIER, Geof
(31) UB20150570	(31) 786204	(31) 741870 P
(32) 16.03.2015	(32) 24.05.2010	(32) 05.12.2005
(33) Italy	(33) United States of America	(33) United States of America
(51) F16J 15/10	(51) F16K 5/06	(51) F16K 31/04
F16J 15/12	(11) EP3569902	(11) EP3387304
F16L 19/02	(21) EP18206501.1	(21) EP16809724.4
(11) EP2905515	(47) 26.08.2020	(47) 26.08.2020
(21) EP13843332.1	(22) 15.11.2018	(87) EP2016079904
(47) 26.08.2020	(54) FLOW CHANNEL WITH AN ARCUATE SEGMENT	15.06.2017
(87) JP2013076493	(73) Siemens Schweiz AG	(22) 06.12.2016
10.04.2014	(72) Kunzmann, Rolf	(54) A LINEAR ACTUATOR WITH A COUPLING
(22) 30.09.2013	Wetzel, Martin	(73) Danfoss A/S
(54) GASKET	(31) 18172818	(72) HARCK, Kurt
(73) Toyota Jidosha Kabushiki Kaisha Uchiyama Manufacturing Corp.	(32) 17.05.2018	DENG, Hongmei
(72) YAMAMOTO, Keita	(33) European Patent Office (EPO)	REESE, Birthe Nissen
SOGAWA, Kosuke	(51) F16K 5/06	PAWLIK, Jens
YAMANARI, Kenji	F16K 47/08	LARSEN, Sigurd
UENO, Kazunori	(11) EP3526502	MATZEN, Detlef
(31) 2012221994	(21) EP17791249.0	(31) 15198334
(32) 04.10.2012	(47) 26.08.2020	201600169
(33) Japan	(87) US2017056311	(32) 08.12.2015
(51) F16K 1/12	19.04.2018	21.03.2016
F16K 31/06	(22) 12.10.2017	(33) European Patent Office (EPO)
F16K 31/08	(54) ANTI-CAVITATION ELEMENT FOR USE WITH VALVES	Denmark
F16K 37/00	(73) Fisher Controls International LLC	(51) F16K 31/06
(11) EP3608569	(72) KUHLMAN, Charles, R.	F16K 37/00
(21) EP19171916.0	PRUSHA, Andrew, M.	H01F 7/08
(47) 26.08.2020	FLOWERS, Billy, R.	H01F 7/16
(22) 30.04.2019	SCHEFFERT, David	(11) EP3356711
(54) FLOW CONTROL VALVE WITH EDDY CURRENT DAMPENING	(31) 201662408447 P	(21) EP16775618.8
(73) Electronics, Inc.	(32) 14.10.2016	(47) 26.08.2020
(72) CHAMPAIGNE, Jack	(33) United States of America	(87) EP2016072824
(31) 201816055136	(51) F16K 11/04	06.04.2017
(32) 05.08.2018	F16K 11/044	(22) 26.09.2016
(33) United States of America	F16K 11/10	(54) ELECTROMAGNETIC ACTUATING DRIVE FOR CARRYING OUT A LINEAR MOVEMENT
(51) F16K 1/22	F16K 31/04	(73) Voith Patent GmbH
F16K 1/226	F25B 41/04	(72) GOLL, Armin
F16K 11/052	F25B 41/06	LEHMANN, Stefan
F02M 26/26	(11) EP2642169	LINDÖRFER, Steffen
(11) EP3440333	(21) EP11842435.7	(31) 102015116464
(21) EP16715495.4	(47) 26.08.2020	(32) 29.09.2015
(47) 26.08.2020	(87) JP2011005662	(33) Germany
(87) EP2016057478	24.05.2012	(51) F16K 37/00
	(22) 07.10.2011	(11) EP3271627
		(21) EP16714669.5

(47) 26.08.2020	(22) 18.06.2018	IMPROVED CONFINEMENT OF THE
(87) US2016023079	(54) MOTION STABILIZATION ON A	POWDER
22.09.2016	MOTORIZED MONOPOD JIB	(73) Commissariat à l'énergie atomique et aux
(22) 18.03.2016	(73) Disney Enterprises, Inc.	énergies alternatives
(54) PRESSURE CONTROL FOR PARTIAL	(72) Niemeyer, Günter	(72) PORTRA, Thierry
STROKE TESTS	Pehlivan, Ali Utku	GILLIA, Olivier
(73) Fisher Controls International LLC	(31) 201715639362	(31) 1661390
(72) JUNK, Kenneth W.	(32) 30.06.2017	(32) 23.11.2016
(31) 201562135377 P	(33) United States of America	(33) France
201615066495	(51) F16M 13/02	(51) F17C 11/00
(32) 19.03.2015	G09F 9/302	(11) EP2935977
10.03.2016	(11) EP3559538	(21) EP13823963.7
(33) United States of America	(21) EP17835869.3	(47) 26.08.2020
United States of America	(47) 26.08.2020	(87) FR2013053213
(51) F16L 15/04	(87) IB2017058000	26.06.2014
(11) EP2860432	28.06.2018	(22) 20.12.2013
(21) EP13800755.4	(22) 15.12.2017	(54) TANK FOR STORING A GAS STORED
(47) 26.08.2020	(54) DISPLAY MODULE FOR A	BY SORPTION COMPRISING SHOCK-
(87) JP2013065472	TEMPORARY EXHIBITION STAND	ABSORBING MEANS
12.12.2013	(73) Bematrix BVBA	(73) Plastic Omnium Advanced Innovation
(22) 04.06.2013	(72) VAN DER VENNET, Edwin	and Research
(54) THREADED COUPLING FOR STEEL	PARDON, Tom	(72) MADOUX, Dominique
PIPE	(31) 201621424986 U	VAN SCHAFTINGEN, Jules-Joseph
(73) VALLOUREC OIL AND GAS FRANCE	(32) 23.12.2016	DOUGNIER, François
Nippon Steel Corporation	(33) China	(31) 1262723
(72) SASAKI Masayoshi	(51) F16N 13/06	(32) 21.12.2012
SUMITANI Katsutoshi	F16N 29/00	(33) France
GOTO Kunio	(11) EP3048356	(51) F21L 4/02
(31) 2012130134	(21) EP16151006.0	G06F 1/16
(32) 07.06.2012	(47) 26.08.2020	G06F 3/0346
(33) Japan	(22) 13.01.2016	G06F 3/0488
(51) F16L 27/12	(54) LUBRICATION CONTROL BY	G06F 3/0489
F28D 20/00	MONITORING PUMP MOTOR	(11) EP3404526
(11) EP3271633	CURRENT	(21) EP18172554.0
(21) EP16714779.2	(73) Osakeyhtiö SKF Aktiebolag	(47) 26.08.2020
(47) 26.08.2020	(72) Moilanen, Risto	(22) 16.05.2018
(87) EP2016055760	(31) 1550049	(54) USER INTERFACE FOR A
22.09.2016	(32) 21.01.2015	FLASHLIGHT MODE ON AN
(22) 17.03.2016	(33) Sweden	ELECTRONIC DEVICE
(54) TELESCOPIC AND FLOATING SYSTEM	(51) F17C 3/02	(73) Apple Inc.
FOR DISTRIBUTING HEAT TRANSFER	(11) EP3198186	(72) TRIVERIO, Marco
FLUID FOR A THERMAL ENERGY	(21) EP15780923.7	BUTCHER, Gary Ian
STORAGE DEVICE	(47) 26.08.2020	CHEN, Kevin Will
(73) Commissariat à l'Énergie Atomique et	(87) FR2015052535	FOSS, Christopher Patrick
aux Énergies Alternatives	31.03.2016	SUNDSTROM, Matthew J.
(72) MIRATON, Arnaud	(22) 22.09.2015	(31) 201762506866 P
MATRINGE, Gilles	(54) SEALED AND INSULATING VESSEL	PA201770387
(31) 1552234	COMPRISING A BRIDGING ELEMENT	(32) 16.05.2017
(32) 18.03.2015	BETWEEN THE PANELS OF THE	26.05.2017
(33) France	SECONDARY INSULATION BARRIER	(33) United States of America
(51) F16L 41/04	(73) GAZTRANSPORT ET TECHNIGAZ	Denmark
(11) EP3191760	(72) HERRY, Mickaël	(51) F21L 4/04
(21) EP14806696.2	BOYEAU, Marc	F21V 14/04
(47) 26.08.2020	DELETRE, Bruno	F21V 14/06
(87) GB2014053222	PHILIPPE, Antoine	F21V 23/04
06.05.2016	(31) 1459160	F21V 31/00
(22) 29.10.2014	(32) 26.09.2014	F21Y 115/10
(54) APPARATUS AND METHOD	(33) France	(11) EP3489573
(73) Heath Morgan Group Limited	(51) F17C 11/00	(21) EP18204775.3
(72) LANGDALE, Simon	(11) EP3545225	(47) 26.08.2020
WHITE, John	(21) EP17811655.4	(22) 07.11.2018
(51) F16M 11/12	(47) 26.08.2020	(54) FLASHLIGHT
F16M 11/18	(87) FR2017053216	(73) Ledlenser GmbH & Co. KG
F16M 13/00	31.05.2018	(72) Buhl, Erich
F16M 13/04	(22) 22.11.2017	(31) 102017127809
(11) EP3421861	(54) HYDROGEN STORAGE RESERVOIR	(32) 24.11.2017
(21) EP18178234.3	WITH METAL HYDRIDS WITH AN	(33) Germany
(47) 26.08.2020		(51) F21S 8/00

F21V 8/00	PATRIZI, Stéphane	H05K 1/18
F21W 121/00	GRATECAP, François	H05K 3/38
F21W 131/103	(31) 1758440	H01L 33/44
H01L 33/50	(32) 12.09.2017	H01L 33/52
F21Y 115/10	(33) France	H01L 33/60
F21Y 115/30	(51) F21S 43/145	F21S 41/151
F21V 9/02	F21S 43/19	F21S 41/19
F21V 9/30	(11) EP3044500	F21S 41/20
(11) EP3181999	(21) EP14759235.6	F21S 41/24
(21) EP16206852.2	(47) 26.08.2020	F21S 41/37
(47) 26.08.2020	(87) EP2014069101	F21S 43/14
(22) 19.06.2009	12.03.2015	F21S 43/19
(54) ILLUMINATION DEVICE	(22) 08.09.2014	F21S 43/239
(73) CoeLux S.r.l.	(54) LIGHT MODULE COMPRISING AN	F21S 43/245
(72) DI TRAPANI, Paolo	ORGANIC LIGHT EMITTING DIODE	F21S 43/249
PIGAZZINI, Marta Cecilia	(73) Valeo Vision	F21S 43/31
(31) MI20081135	(72) DUBOSC, Christophe	F21S 43/33
(32) 24.06.2008	CABANNE, Damien	F21S 43/50
(33) Italy	REISS, Benoît	F21V 7/22
(51) F21S 11/00	MOISY, Eric	(11) EP2636947
G02B 5/00	(31) 1358643	(21) EP13158080.5
G02B 5/04	(32) 09.09.2013	(47) 26.08.2020
(11) EP3210057	(33) France	(22) 07.03.2013
(21) EP15853183.0	(51) F21V 5/04	(54) Lighting device
(47) 26.08.2020	F21V 13/02	(73) LG Innotek Co., Ltd.
(87) US2015055274	F21V 14/06	(72) Park, Moo Ryong
28.04.2016	F21S 2/00	Kim, Chul Hong
(22) 13.10.2015	F21Y 115/10	Park, Kwang Ho
(54) SUN-FACING LIGHT REDIRECTING	(11) EP3385600	(31) 20120023422
FILMS WITH REDUCED GLARE	(21) EP16869975.9	20120023423
(73) 3M Innovative Properties Company	(47) 26.08.2020	20120023424
(72) HAO, Bing	(87) CN2016107942	(32) 07.03.2012
NIRMAL, Manoj	08.06.2017	07.03.2012
MARTTILA, Charles A.	(22) 30.11.2016	07.03.2012
ANDERSON, Owen M.	(54) LIGHTING DEVICE	(33) Korea (Republic)
TAPIO, Scott M.	(73) YLX Incorporated	Korea (Republic)
AHO, Erik A.	(72) ZOU, Siyuan	Korea (Republic)
PADIYATH, Raghunath	ZHANG, Quan	(51) F21V 8/00
MANSHEIM, Jonathan F.	LI, Yi	G02B 27/28
REED, John F.	(31) 201520975203 U	G02F 1/13357
(31) 201462066302 P	(32) 30.11.2015	G02B 30/25
(32) 20.10.2014	(33) China	(11) EP2577381
(33) United States of America	(51) F21V 7/00	(21) EP11787140.0
(51) F21S 41/143	H04B 10/116	(47) 26.08.2020
F21S 41/147	F21K 9/233	(87) US2011037016
F21S 41/16	(11) EP3549281	01.12.2011
F21S 41/176	(21) EP17812010.1	(22) 18.05.2011
(11) EP3543596	(47) 26.08.2020	(54) SHADOW ELIMINATION IN THE
(21) EP18162863.7	(87) FR2017053179	BACKLIGHT FOR A 3-D DISPLAY
(47) 26.08.2020	07.06.2018	(73) Microsoft Technology Licensing, LLC
(22) 20.03.2018	(22) 20.11.2017	(72) TRAVIS, Adrian
(54) LIGHT MODULE FOR A MOTOR	(54) DEVICE FOR LIGHTING AND OPTICAL	EMERTON, Neil
VEHICLE HEADLAMP	COMMUNICATION COMBINED WITH	LARGE, Timothy
(73) ZKW Group GmbH	VIEWING OF THE COMMUNICATION	(31) 954059
(72) Hartmann, Peter	FIELD	348583 P
Bemmer, Christian	(73) ORANGE	(32) 24.11.2010
(51) F21S 41/43	(72) DUSSAUME, Philippe	26.05.2010
F21S 41/50	PERRUFEL, Micheline	(33) United States of America
F21S 43/50	CUTULLIC, Christophe	United States of America
(11) EP3453954	(31) 1661655	(51) F21V 8/00
(21) EP18193453.0	(32) 29.11.2016	H05B 6/12
(47) 26.08.2020	(33) France	F21S 2/00
(22) 10.09.2018	(51) F21V 8/00	(11) EP2947960
(54) LIGHTING DEVICE FOR ROAD	F21V 13/12	(21) EP14741012.0
LIGHTING, SIGNALLING OR INTERIOR	F21V 21/00	(47) 26.08.2020
LIGHTING	G02F 1/1335	(87) JP2014000195
(73) Valeo Vision	G02F 1/13357	24.07.2014
(72) COLOMBEL, Jean-Marc	H01L 25/075	(22) 16.01.2014

(54) INDUCTION COOKING DEVICE	(21) EP15810731.8	(51) F23K 5/00
(73) Panasonic Intellectual Property Management Co., Ltd.	(47) 26.08.2020	(11) EP2835583
(72) TAKENAKA, Kazuhiko	(87) EP2015080264	(21) EP13772967.9
KUWAMURA, Hiroshi	30.06.2016	(47) 26.08.2020
WATANABE, Noriaki	(22) 17.12.2015	(87) JP2013058957
(31) 2013006016	(54) BED MATERIAL FOR BUBBLING FLUIDISED BED COMBUSTION	10.10.2013
(32) 17.01.2013	(73) Improbod AB	(22) 27.03.2013
(33) Japan	(72) ANDERSSON, Bengt-Ake	(54) GAS CONTROL VALVE
(51) F21V 19/00	LIND, Fredrik	(73) Mikuni Corporation
H01L 25/075	THUNMAN, Henrik	(72) SATO, Hirokazu
H05K 1/18	(31) 14199853	OKUDERA, Taichi
H01L 33/62	(32) 22.12.2014	(31) 2012087026
F21V 23/00	(33) European Patent Office (EPO)	(32) 06.04.2012
F21S 2/00	(51) F23D 14/02	(33) Japan
F21Y 101/00	H01L 35/32	(51) F23N 1/00
(11) EP3306684	(11) EP3535524	F23N 5/10
(21) EP16802810.8	(21) EP17808191.5	(11) EP3546831
(47) 26.08.2020	(47) 26.08.2020	(21) EP18382208.9
(87) JP2016002650	(87) PL2017000112	(47) 26.08.2020
08.12.2016	11.05.2018	(22) 26.03.2018
(22) 01.06.2016	(22) 27.10.2017	(54) GAS COCK WITH A SAFETY VALVE FOR A GAS COOKING APPLIANCE, AND GAS COOKING APPLIANCE INCORPORATING SAID GAS COCK
(54) LIGHT-EMITTING MODULE	(54) BURNER WITH A THERMOELECTRIC GENERATOR	(73) Copreci, S.Coop.
(73) Toshiba Hokuto Electronics Corp.	(73) AIC Spółka Akcyjna	(72) AYASTUY ARETXAGA, Iñaki
(72) MAKI, Keiichi	(72) SIEMIENCZUK, Tomasz	ARRIOLA-BENGOA UNZUETA, Imanol
(31) 2015111782	PACHOLSKI, Adam	(51) F23R 3/14
(32) 01.06.2015	(31) 41934916	F23R 3/28
(33) Japan	(32) 03.11.2016	(11) EP3207312
(51) F21V 21/005	(33) Poland	(21) EP15783996.0
F21V 21/02	(51) F23D 14/06	(47) 26.08.2020
F21V 21/30	F23D 14/08	(87) EP2015073985
F21V 23/06	F23D 23/00	21.04.2016
F21S 2/00	F24C 3/08	(22) 16.10.2015
(11) EP3470725	(11) EP3295082	(54) METHOD FOR REDUCING NOX EMISSION IN A GAS TURBINE, AIR FUEL MIXER, GAS TURBINE AND SWIRLER
(21) EP18198831.2	(21) EP16730468.2	(73) Nuovo Pignone S.r.l.
(47) 26.08.2020	(47) 26.08.2020	(72) CERUTTI, Matteo
(22) 05.10.2018	(87) IB2016000642	(31) CO20140032
(54) A MODULAR COMBINED LAMP	17.11.2016	(32) 17.10.2014
(73) Romney Opto-electronic Systems Technology (Guangdong) Co., Ltd.	(22) 11.05.2016	(33) Italy
Peng, Yinshui	(54) COMPACT COOKING HOB USING PREMIX GAS BURNERS	(51) F24C 7/08
(72) PENG, Yinshui	(73) Tre P Engineering S.r.l.	F24C 15/10
(31) 201721322772 U	(72) USCI, Rosalino	(11) EP3273165
201821433953 U	MARCANTONI, Michele	(21) EP17172122.8
(32) 15.10.2017	(31) AN20150061	(47) 26.08.2020
03.09.2018	(32) 13.05.2015	(22) 22.05.2017
(33) China	(33) Italy	(54) COOKING FIELD DEVICE, AND METHOD FOR OPERATING THE SAME
China	(51) F23D 14/22	(73) Miele & Cie. KG
(51) F21W 121/04	F23D 14/48	(72) Ennen, Volker
F21W 131/40	F23D 14/74	Metz, Thomas
F21V 23/00	(11) EP3450844	Ebke, Daniel
F21S 4/15	(21) EP18185345.8	Stahl, Matthias
F21Y 107/70	(47) 26.08.2020	Rüther, Stefan
F21Y 115/10	(22) 24.07.2018	Ohrmann, Niels
(11) EP3575671	(54) NOZZLE STRUCTURE FOR HYDROGEN GAS BURNER APPARATUS	(31) 102016109889
(21) EP18189117.7	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA CHUGAI RO CO., LTD.	(32) 30.05.2016
(47) 26.08.2020	(72) MAITANI, Nozomi	(33) Germany
(22) 15.08.2018	SAKUMA, Daisuke	(51) F24C 7/08
(54) NET LAMP AND DECORATIVE LAMP	HIRATA, Koichi	H05B 6/06
(73) Shangyou Jiayi Lighting Product Co., Ltd.	UENO, Noriyuki	(11) EP3518617
(72) GAO, Rong	TAGUCHI, Shuhei	(21) EP19150448.9
(31) 201810549871	(31) 2017169474	(47) 26.08.2020
(32) 31.05.2018	(32) 04.09.2017	(22) 07.01.2019
(33) China	(33) Japan	
(51) F23C 10/12		
F23C 10/18		
F23G 5/30		
(11) EP3237801		

(54) COOKING DEVICE	(51) F24C 15/20	(21) EP17749140.4
(73) Miele & Cie. KG	(11) EP3399241	(47) 26.08.2020
(72) Wibberg, Peter	(21) EP18166109.1	(87) EP2017068380
(31) 102018101745	(47) 26.08.2020	01.02.2018
(32) 26.01.2018	(22) 06.04.2018	(22) 20.07.2017
(33) Germany	(54) INTEGRATED RANGE HOOD WITH	(54) HEAT PUMP HEATING SYSTEM AND
(51) F24C 15/00	SAFETY DEVICE	METHOD FOR OPERATING SUCH A
(11) EP3099980	(73) ELICA S.p.A.	HEAT PUMP HEATING SYSTEM
(21) EP15702657.6	(72) BUSSOTTO, Lorenzo	(73) Carnotherm Wärmelogistik GmbH&Co.
(47) 26.08.2020	AGOSTINELLI, Agostino	KG
(87) EP2015050977	(31) 201700048288	(72) GEBHARDT, Peter
06.08.2015	(32) 04.05.2017	(31) 102016113630
(22) 20.01.2015	(33) Italy	(32) 25.07.2016
(54) OVEN	(51) F24C 15/20	(33) Germany
(73) BSH Hausgeräte GmbH	H03K 17/955	(51) F24D 3/14
(72) JÖRDENS, Frank	(11) EP3211328	F24D 19/06
MALLINGER, Peter	(21) EP17153324.3	F24F 1/00
MLOTEK, Dieter	(47) 26.08.2020	(11) EP3115700
NEUMAYER, Dan	(22) 26.01.2017	(21) EP16177690.1
SCHMIDMAYER, Gerhard	(54) EXTRACTOR HOOD WITH	(47) 26.08.2020
SCHUBERT, Lars	PROXIMITY SWITCH AND METHOD	(22) 04.07.2016
SCHUMANN, Dirk	FOR CONTROLLING A VAPOUR	(54) UNDERFLOOR CONVECTOR
(31) 102014201639	EXTRACTOR	(73) Rettig ICC B.V.
(32) 30.01.2014	(73) BSH Hausgeräte GmbH	(72) Naumann, Jens
(33) Germany	(72) Schrupf, Stefan	(31) 505912015
(51) F24C 15/00	Wössner, Markus	(32) 07.07.2015
F24C 15/02	(31) 102016202786	(33) Austria
(11) EP3205943	(32) 23.02.2016	(51) F24D 3/14
(21) EP16193531.7	(33) Germany	F24F 5/00
(47) 26.08.2020	(51) F24C 15/32	(11) EP3146271
(22) 12.10.2016	G01N 25/56	(21) EP15726079.5
(54) HOUSEHOLD COOKING APPLIANCE	G01N 27/04	(47) 26.08.2020
(73) BSH Hausgeräte GmbH	G05D 27/02	(87) EP2015061451
(72) Heckmann, Christopher	(11) EP3453977	26.11.2015
Himmel, Arnulf	(21) EP18193464.7	(22) 22.05.2015
Inserra, Bortolo	(47) 26.08.2020	(54) METHOD FOR COOLING A ROOM
Wiedenmann, Reinhard	(22) 10.09.2018	(73) Baronin von der Ropp, Freya Angela
(31) 102016202279	(54) COOKING APPARATUS WITH	Baron von der Ropp, Georg Dietrich
(32) 15.02.2016	HUMIDITY SENSOR AND METHOD	Baron von der Ropp, Hanns Christoph
(33) Germany	FOR CALCULATING A HUMIDITY	Baronin von der Ropp, Rania Dorothea
(51) F24C 15/20	LEVEL IN SUCH AN OVEN	(72) BARON VON DER ROPP, Dietrich
(11) EP3485199	(73) Whirlpool Corporation	(31) 102014107301
(21) EP17740637.8	(72) Ghiglieri, Giulio	(32) 23.05.2014
(47) 26.08.2020	Giuliani, Marco	(33) Germany
(87) EP2017066188	Parachini, Davide	(51) F24D 3/18
18.01.2018	Pastore, Cristiano Vito	F24D 19/10
(22) 29.06.2017	(31) 201715702331	(11) EP3312515
(54) VENTILATION ARRANGEMENT WITH	(32) 12.09.2017	(21) EP15896406.4
AN EXTRACTOR HOOD	(33) United States of America	(47) 26.08.2020
(73) Wagener, Heinrich	(51) F24D 3/02	(87) JP2015076849
(72) Wagener, Heinrich	F24D 19/10	29.12.2016
(31) 202016004286 U	G05D 23/19	(22) 24.09.2015
(32) 13.07.2016	(11) EP3508942	(54) HEAT MEDIUM SYSTEM
(33) Germany	(21) EP18150603.1	(73) Mitsubishi Electric Corporation
(51) F24C 15/20	(47) 26.08.2020	(72) AKAGI, Satoshi
(11) EP3346195	(22) 08.01.2018	MATSUMURA, Yasunari
(21) EP18154919.7	(54) TEMPERATURE CONTROL SYSTEM	WATANABE, Naoki
(47) 26.08.2020	(73) Danfoss A/S	(31) 2015124942
(22) 28.04.2015	(72) Hesseldahl, Søren	(32) 22.06.2015
(54) EXTRACTOR HOOD AND FILTER	Gammeljord, Peter	(33) Japan
ELEMENT FOR AN EXTRACTOR	Jensen, Jes Vestervang	(51) F24D 17/00
HOOD	(51) F24D 3/08	F24D 19/10
(73) BSH Hausgeräte GmbH	F24D 3/18	F28D 20/00
(72) Kotlinski, Thomas	F24D 17/02	(11) EP3470744
(31) 102014209953	F24D 19/10	(21) EP18198959.1
(32) 26.05.2014	F25B 6/04	(47) 26.08.2020
(33) Germany	F25B 30/02	(22) 05.10.2018
	(11) EP3488152	

(54) CONTROL METHOD FOR A HOUSEHOLD WATER HEATING UNIT HAVING A THERMAL ACCUMULATOR	(54) MODULAR CLIMATE CONTROL SYSTEM AND METHOD FOR THE OPERATION THEREOF	(33) United States of America
(73) Adsum S.r.l.	(73) Meister, Remo	(51) F25B 1/00
(72) LOLLI, Sergio	(72) Meister, Remo	F25B 1/053
(31) 201700114975	(51) F24F 3/16	F25B 49/02
(32) 12.10.2017	F24F 6/06	(11) EP2634509
(33) Italy	F24F 11/00	(21) EP11836396.9
(51) F24F 1/16	F24F 11/30	(47) 26.08.2020
F24F 11/00	F24F 110/20	(87) JP2011074815
(11) EP3106768	F24F 110/50	03.05.2012
(21) EP14882411.3	(11) EP3356738	(22) 27.10.2011
(47) 26.08.2020	(21) EP16767262.5	(54) HEAT SOURCE DEVICE
(87) JP2014053534	(47) 26.08.2020	(73) MITSUBISHI HEAVY INDUSTRIES
20.08.2015	(87) EP2016072089	THERMAL SYSTEMS, LTD.
(22) 14.02.2014	06.04.2017	(72) WAJIMA, Kazuki
(54) HEAT SOURCE-SIDE UNIT AND AIR CONDITIONING DEVICE	(22) 19.09.2016	UEDA, Kenji
(73) Mitsubishi Electric Corporation	(54) AIR HUMIDIFICATION AND/OR PURIFICATION	NITTA, Masaharu
(72) ARIYAMA, Tadashi	(73) Koninklijke Philips N.V.	(31) 2010244067
TAMURA, Naomichi	(72) KELLY, Declan Patrick	(32) 29.10.2010
MORIMOTO, Osamu	CHEN, Weizhong	(33) Japan
(51) F24F 1/38	MARRA, Johan	(51) F25B 1/00
F24F 1/50	RONDA, Cornelis Reinder	F25B 13/00
F24F 1/56	MCGARVA, John Robert	F25B 49/02
F24F 13/20	ZHANG, Xuan	(11) EP3543624
(11) EP3450861	SUIJVER, Jan Frederik	(21) EP16921963.1
(21) EP17789417.7	JACOBS, Jean-Paul	(47) 26.08.2020
(47) 26.08.2020	(31) PCT/CN2015/091288	(87) JP2016084400
(87) JP2017015998	15194715	24.05.2018
02.11.2017	(32) 30.09.2015	(22) 21.11.2016
(22) 21.04.2017	16.11.2015	(54) AIR CONDITIONER
(54) OUTDOOR UNIT FOR FREEZING DEVICE	(33) World Intellectual Property Office (WIPO)	(73) Mitsubishi Electric Corporation
(73) Daikin Industries, Ltd.	European Patent Office (EPO)	(72) ISHIMURA, Katsuhiro
(72) KOIKE, Fumiaki	(51) F24H 1/28	MORIMOTO, Osamu
KAMITANI, Shigeki	F24H 8/00	MOTOMURA, Yuji
(31) 2016089212	F24H 9/00	IKEDA, Soshi
(32) 27.04.2016	(11) EP3394522	(51) F25B 1/00
(33) Japan	(21) EP16831589.3	F25B 13/00
(51) F24F 3/06	(47) 26.08.2020	H02P 29/62
F24F 5/00	(87) PL2016000153	(11) EP3220540
F25B 1/00	29.06.2017	(21) EP17160577.7
F25B 13/00	(22) 20.12.2016	(47) 26.08.2020
F25B 25/00	(54) FIRED HEAT EXCHANGER	(22) 13.03.2017
F25B 29/00	(73) AIC S.A.	(54) COMPRESSOR DRIVING APPARATUS
(11) EP2472199	(72) SZCZEPANSKI, Krzysztof	(73) LG Electronics Inc.
(21) EP09849210.1	(31) 41542615	(72) PARK, Cheonsu
(47) 26.08.2020	(32) 21.12.2015	KIM, Seunghyo
(87) JP2009065858	(33) Poland	EOM, Donggi
17.03.2011	(51) F24S 40/52	(31) 20160030222
(22) 10.09.2009	F24S 70/20	20160053321
(54) AIR CONDITIONING DEVICE	F24S 70/30	(32) 14.03.2016
(73) Mitsubishi Electric Corporation	F24S 80/50	29.04.2016
(72) YAMASHITA, Koji	F24S 80/60	(33) Korea (Republic)
MORIMOTO, Hiroyuki	(11) EP2802826	Korea (Republic)
MOTOMURA, Yuji	(21) EP13736435.2	(51) F25B 1/00
HATOMURA, Takeshi	(47) 26.08.2020	F25B 39/00
(51) F24F 3/08	(87) IB2013050183	F28D 1/04
F25B 29/00	18.07.2013	F28D 1/047
(11) EP2242962	(22) 09.01.2013	F28F 1/32
(21) EP08700535.1	(54) SOLAR THERMAL COLLECTOR	(11) EP2578966
(47) 26.08.2020	COMPRISING A RADIATION	(21) EP11786271.4
(87) CH2008000030	BASED OVERHEAT PREVENTION	(47) 26.08.2020
06.08.2009	MÉCHANISM	(87) JP2011002369
(22) 31.01.2008	(73) Tigi Ltd.	01.12.2011
	(72) ADEL, Michael E.	(22) 22.04.2011
	(31) 201261584321 P	(54) REFRIGERATION DEVICE AND
	(32) 09.01.2012	COOLING AND HEATING DEVICE
		(73) Panasonic Corporation
		(72) MARUMOTO, Kazuhiko
		FUJITAKA, Akira

KAWABE, Yoshikazu YOKOYAMA, Shoichi (31) 2010121096 (32) 27.05.2010 (33) Japan	(72) ERFURTH, Florian GEBELEIN, Bernd GROSSMANN, Daniel STEIN, Michael VIEHMANN, Niklas	(22) 05.03.2018 (54) HEATING CONTROL METHOD AND DEVICE FOR AIR CONDITIONER (73) Qingdao Haier Air Conditioner General Corp., Ltd.
(51) F25B 1/053 F25B 25/00 F25B 31/00 F25B 41/00 (11) EP2979042 (21) EP14706991.8 (47) 26.08.2020 (87) US2014013155 02.10.2014 (22) 27.01.2014 (54) VAPOR COMPRESSION SYSTEM (73) Carrier Corporation (72) JONSSON, Ulf J. SISHTLA, Vishnu M. CHAUDHRY, Zaffir A. (31) 201361805055 P (32) 25.03.2013 (33) United States of America	(31) 102016112851 (32) 13.07.2016 (33) Germany	(72) LIU, Juke XU, Beibei XU, Guojing (31) 201710199529 (32) 30.03.2017 (33) China
(51) F25B 13/00 F25B 40/02 (11) EP2857768 (21) EP13777485.7 (47) 26.08.2020 (87) JP2013060348 24.10.2013 (22) 04.04.2013 (54) AIR CONDITIONER (73) Daikin Industries, Ltd. (72) HAIKAWA, Tomoyuki (31) 2012093126 (32) 16.04.2012 (33) Japan	(51) F25B 39/00 F25D 11/00 F28D 15/02 F28D 15/04 H01L 23/367 H01L 23/427 H01L 23/473 (11) EP3255358 (21) EP15880936.8 (47) 26.08.2020 (87) CN2015091093 11.08.2016 (22) 29.09.2015 (54) HEAT EXCHANGE APPARATUS AND SEMI-CONDUCTOR COOLING REFRIGERATOR PROVIDED WITH SAME (73) Qingdao Haier Joint Stock Co., Ltd	(51) F25D 23/00 F25D 29/00 G06F 3/16 G06K 9/62 H04N 7/18 (11) EP2985553 (21) EP13881885.1 (47) 26.08.2020 (87) KR2013002995 16.10.2014 (22) 10.04.2013 (54) METHOD FOR MANAGING STORAGE PRODUCT IN REFRIGERATOR USING IMAGE RECOGNITION, AND REFRIGERATOR FOR SAME (73) LG Electronics Inc. (72) LEE, Jungho YOON, Jeongsuk BAEK, Seungmin
(51) F25B 19/00 F25D 3/10 (11) EP3147600 (21) EP16190676.3 (47) 26.08.2020 (22) 26.09.2016 (54) REFRIGERATION APPARATUS (73) Linde GmbH (72) ALLWOOD, Michael (31) 201516982 (32) 25.09.2015 (33) United Kingdom	(72) TAO, Haibo ZHANG, Kui LIU, Jianru LI, Peng LI, Chunyang QI, Feifei JI, Lisheng (31) 201510056281 (32) 03.02.2015 (33) China	(51) F25D 23/04 F25D 25/02 (11) EP2984425 (21) EP14715605.3 (47) 26.08.2020 (87) EP2014056930 16.10.2014 (22) 07.04.2014 (54) REFRIGERATOR HAVING A DOOR RACK (73) BSH Hausgeräte GmbH (72) BORMANN, Marietta CIZIK, Herbert FONFARA-DÖRR, Astrid MAHLER, Andreas (31) 102013206403 (32) 11.04.2013 (33) Germany
(51) F25B 25/02 (11) EP3051233 (21) EP15075005.7 (47) 26.08.2020 (22) 29.01.2015 (54) Hybrid compression heat pumping cycles based plants (73) Staicovici, Mihail-Dan (72) Staicovici, Mihail-Dan	(51) F25B 49/02 (11) EP3441698 (21) EP18173841.0 (47) 26.08.2020 (22) 23.05.2018 (54) HYBRID TANDEM COMPRESSOR SYSTEM AND CONTROL METHOD (73) Lennox Industries Inc. (72) BERG, Eric IYENGAR, Ajay (31) 201715671243 (32) 08.08.2017 (33) United States of America	(51) F25J 3/04 (11) EP3329194 (21) EP16748221.5 (47) 26.08.2020 (87) US2016044004 09.02.2017 (22) 26.07.2016 (54) METHOD AND APPARATUS FOR ARGON REJECTION AND RECOVERY (73) Praxair Technology, Inc. (72) PROSSER, Neil, M. LUO, Yang LARSON, Kirk, F. (31) 201562199450 P 201615057150 (32) 31.07.2015 (33) United States of America United States of America
(51) F25B 30/02 (11) EP3485205 (21) EP17737802.3 (47) 26.08.2020 (87) EP2017067496 18.01.2018 (22) 12.07.2017 (54) COOLING MODULE (73) Viessmann Werke GmbH & Co. KG	(72) Van Herstraeten, Jean-Pierre Steils, Raymond Renard, Jean-François (51) F25B 49/02 F24F 11/00 (11) EP3561406 (21) EP18775429.6 (47) 26.08.2020 (87) CN2018078042 04.10.2018	(51) F26B 5/06



(11) EP3510332	SANTESTEBAN DE LA CONCEPCIÓN,	G01D 5/14
(21) EP17772174.3	Eduardo	G01R 33/06
(47) 26.08.2020		
(87) US2017050749	(51) F41A 35/00	(11) EP3567347
15.03.2018	F41A 99/00	(21) EP19000252.7
(22) 08.09.2017	F41G 1/473	(47) 26.08.2020
(54) REPEATED STERILE USE OF A	F41G 3/04	(22) 29.04.2016
GAUGE IN A STEAM STERILIZABLE	F41G 3/06	(54) DISTANCE MEASURING DEVICE
FREEZE-DRYING SYSTEM	F41G 3/16	(73) TDK-Micronas GmbH
(73) SP Industries, Inc.	F41G 9/00	(72) Franke, Jörg
(72) DERN, Charles D.	G01D 21/02	(51) G01B 11/06
(31) 201615260569	H04W 84/12	G01B 21/08
(32) 09.09.2016	(11) EP3247969	(11) EP3475652
(33) United States of America	(21) EP15878323.3	(21) EP17731894.6
(51) F28D 7/10	(47) 26.08.2020	(47) 26.08.2020
F28D 7/16	(87) CA2015051369	(87) EP2017065284
F28D 21/00	28.07.2016	28.12.2017
F28F 7/02	(22) 23.12.2015	(22) 21.06.2017
F28F 9/00	(54) A SENSOR PACK FOR FIREARM	(54) METHOD AND DEVICE FOR
F28F 27/02	(73) COLT CANADA IP HOLDING	DETERMINING A LAYER THICKNESS
F02M 26/25	PARTNERSHIP	OF AN ORGANIC LAYER ON A
F02M 26/26	(72) DOWNING, Warren	SURFACE BY MEANS OF INFRARED
F02M 26/28	(31) 201562106394 P	SPECTROSCOPY
F02M 26/32	201562120302 P	(73) Tummuscheit, Michael
(11) EP2518300	(32) 22.01.2015	(72) HUTH-FEHRE, Thomas
(21) EP12161207.1	24.02.2015	TUMMUSCHEIT, Michael
(47) 26.08.2020	(33) United States of America	(31) 102016211191
(22) 26.03.2012	United States of America	(32) 22.06.2016
(54) Waste gas recovery cooling module	(51) F41H 3/00	(33) Germany
(73) Pierburg GmbH	G01S 7/495	(51) G01B 11/16
(72) Kamarys, Dirk	G02F 1/00	G01M 5/00
Baumeister, Lars	(11) EP3281029	G01M 7/02
Weidmann, Bernd	(21) EP16716267.6	(11) EP3320318
Stoffels, Friedhelm	(47) 26.08.2020	(21) EP16824830.0
Wagner, Michael	(87) GB2016050984	(47) 26.08.2020
Paffrath, Holger	13.10.2016	(87) US2016029537
(31) 102011001854	(22) 07.04.2016	19.01.2017
(32) 06.04.2011	(54) A DETECTION COUNTER MEASURE	(22) 27.04.2016
(33) Germany	METHOD AND APPARATUS	(54) AN OPTICALLY-BASED INTERSTORY
(51) F28D 15/02	(73) BAE SYSTEMS plc	DRIFT METER SYSTEM FOR
F28D 15/04	(72) BLANCHARD, Paul, Michael	RAPID ASSESSMENT OF THE
H05K 7/20	COLOSIMO, Nicholas, Giacomo, Robert	EARTHQUAKE RESPONSE OF
(11) EP3193571	(31) 201506199	BUILDING STRUCTURES
(21) EP15902470.2	15275181	(73) Lawrence Livermore National Security,
(47) 26.08.2020	(32) 10.04.2015	LLC
(87) CN2015092689	04.08.2015	Chico State Enterprises
27.04.2017	(33) United Kingdom	(72) MCCALLEN, David B.
(22) 23.10.2015	European Patent Office (EPO)	COATES, Jason
(54) HEAT PIPE BASED COOLING SYSTEM	(51) G01B 7/14	REPANICH, Nick
AND POWER EQUIPMENT	G01D 5/14	WATTENBURG, Willard Harvey
(73) Huawei Technologies Co., Ltd.	G01L 3/10	(31) 201562190902 P
(72) PENG, Yaofeng	G01P 3/49	(32) 10.07.2015
LI, Zhijian	(11) EP3631394	(33) United States of America
LIU, Honghui	(21) EP18720607.3	(51) G01B 11/25
CHI, Shanjiu	(47) 26.08.2020	H04N 13/00
(51) F41A 17/06	(87) EP2018060858	H04N 13/271
F41A 17/46	29.11.2018	(11) EP2986936
F41A 17/74	(22) 27.04.2018	(21) EP14727992.1
(11) EP3514474	(54) DEVICE, ARRANGEMENT AND	(47) 26.08.2020
(21) EP18382031.5	METHOD FOR CHARACTERISING	(87) US2014033911
(47) 26.08.2020	THE TORSION, ROTATION AND/OR	23.10.2014
(22) 22.01.2018	POSITIONING OF A SHAFT	(22) 14.04.2014
(54) SAFETY DEVICE FOR FIREARMS AND	(73) Helmholtz-Zentrum Dresden -	(54) SUPER-RESOLVING DEPTH MAP BY
SAFETY METHOD FOR FIREARMS	Rosendorf e.V.	MOVING PATTERN PROJECTOR
(73) Rade Tecnologías, S.L	(72) BUCHENAU, Dominique	(73) Microsoft Technology Licensing, LLC
(72) DELGADO ACARRETA, Raúl	(31) 102017111055	(72) KANG, Sing Bing
OSUNA SANZ, Daniel	(32) 22.05.2017	IZADI, Shahram
	(33) Germany	(31) 201361812232 P
	(51) G01B 7/14	201313924485

(32) 15.04.2013 21.06.2013	(47) 26.08.2020	H04W 36/00
(33) United States of America	(87) JP2014004412	H04W 36/08
United States of America	03.03.2016	G05D 1/02
(51) G01B 11/26	(22) 27.08.2014	(11) EP3370036
B60W 40/112	(54) RANGEFINDER AND RANGING METHOD	(21) EP15909049.7
G06T 7/60	(73) Nikon Vision Co., Ltd.	(47) 26.08.2020
G06T 7/73	(72) MOCHIZUKI, Masahiro	(87) CN2015095594
G06T 7/77	(51) G01C 9/00	01.06.2017
(11) EP3375682	G01C 17/00	(22) 26.11.2015
(21) EP16875689.8	G01R 29/12	(54) METHOD AND DEVICE FOR SWITCHING ROAD SIDE UNIT IN A NAVIGATION SYSTEM
(47) 26.08.2020	G01R 29/14	(73) Huawei Technologies Co., Ltd.
(87) JP2016087249	G01C 19/00	(72) SONG, Yonggang
22.06.2017	(11) EP2016371	LI, Hui
(22) 14.12.2016	(21) EP06851981.8	(51) G01C 21/00
(54) VEHICLE-USE ROLL-ANGLE ESTIMATION SYSTEM, VEHICLE, VEHICLE-USE ROLL-ANGLE ESTIMATION METHOD	(47) 26.08.2020	G01C 23/00
(73) Yamaha Hatsudoki Kabushiki Kaisha	(87) IB2006004314	G01W 1/10
(72) FUKUTA, Takaaki	24.07.2008	G08G 5/00
(31) 2015243098	(22) 19.10.2006	(11) EP3296697
(32) 14.12.2015	(54) APPARATUS AND METHOD FOR MONITORING AND CONTROLLING DETECTION OF STRAY VOLTAGE ANOMALIES	(21) EP17190171.3
(33) Japan	(73) Osmose Utilities Services, Inc.	(47) 26.08.2020
(51) G01B 21/04	(72) KALOKITIS, David	(22) 08.09.2017
(11) EP2795251	SCHULTZ, Leonard, Joshua	(54) DISPLAY DEVICE FOR VERTICAL PRESENTATION OF FORECAST WEATHER
(21) EP12813412.9	POLYZOIS, Christos	(73) Honeywell International Inc.
(47) 26.08.2020	PARAGANO, Vincent	(72) BILEK, Jan
(87) GB2012000915	(31) 728168 P	EICHLER, Zdenek
27.06.2013	(32) 19.10.2005	ZIARNICK, Melissa
(22) 19.12.2012	(33) United States of America	RAJE, Anup
(54) A GAUGE ARTEFACT AND METHOD FOR CHECKING A COORDINATE POSITIONING MACHINE	(51) G01C 17/28	MANNON, Pamela
(73) Renishaw Plc.	G01R 33/00	MOLDENHAUER, Don
(72) SOMERVILLE, Leo, Christopher	G01R 33/09	KHATWA, Ratan
(31) 201161577928 P	(11) EP3006896	(31) 201611031329
201202557	(21) EP14803821.9	201715594948
(32) 20.12.2011	(47) 26.08.2020	(32) 14.09.2016
15.02.2012	(87) CN2014078685	15.05.2017
(33) United States of America	04.12.2014	(33) India
United Kingdom	(22) 28.05.2014	United States of America
(51) G01C 1/04	(54) THREE-AXIS DIGITAL COMPASS	(51) G01C 21/16
G01C 15/00	(73) Multidimension Technology Co., Ltd.	G01C 21/20
G01S 7/481	(72) DEAK, James Geza	G01C 21/32
G01S 17/42	ZHOU, Zhimin	G01S 19/14
G01S 17/88	LI, Dan	G01S 19/39
G01S 17/86	(31) 201310202801	G01S 19/49
G01S 17/89	(32) 28.05.2013	(11) EP3559599
(11) EP3367057	(33) China	(21) EP18733205.1
(21) EP17157648.1	(51) G01C 19/5684	(47) 26.08.2020
(47) 26.08.2020	(11) EP3486609	(87) EP2018065660
(22) 23.02.2017	(21) EP18275175.0	17.01.2019
(54) SURVEYING INSTRUMENT FOR SCANNING AN OBJECT AND IMAGE ACQUISITION OF THE OBJECT	(47) 26.08.2020	(22) 13.06.2018
(73) Hexagon Technology Center GmbH	(22) 08.11.2018	(54) DATA GENERATION METHOD FOR GENERATING AND UPDATING A TOPOLOGICAL MAP FOR AT LEAST ONE AREA OF AT LEAST ONE BUILDING
(72) GÄCHTER TOYA, Stefan Martin	(54) VIBRATING STRUCTURE GYROSCOPE WITH FINE ELECTROSTATIC FREQUENCY TUNING	(73) Audi AG
Benjamin	(73) Atlantic Inertial Systems Limited	(72) HAUBNER, Florian
JENSEN, Thomas	(72) TOWNSEND, Kevin	(31) 102017211712
SCHWENDENER, Andreas	KAZER, Andrew	(32) 10.07.2017
MAYER, Tim	(31) 201718641	(33) Germany
(51) G01C 3/06	(32) 10.11.2017	(51) G01C 21/26
G01S 7/487	(33) United Kingdom	G01C 21/34
G01S 7/497	(51) G01C 21/00	G05D 1/00
G01S 17/08	G01C 21/28	B60W 30/09
(11) EP3187823	G08G 1/01	B60W 30/095
(21) EP14900616.5	G08G 1/0967	B60W 50/035
	G08G 1/0968	

G05D 1/02	(51) G01C 21/36	H04W 36/14
(11) EP3359436	G01S 7/48	H04W 48/16
(21) EP17847776.6	G06K 9/00	H04W 48/18
(47) 26.08.2020	G06T 1/00	H04W 84/04
(87) US2017034146	G01S 17/89	H04W 84/12
05.07.2018	(11) EP3299763	H04W 88/06
(22) 24.05.2017	(21) EP15892635.2	G01S 19/16
(54) METHOD AND SYSTEM FOR	(47) 26.08.2020	H04W 4/00
OPERATING AUTONOMOUS DRIVING	(87) JP2015086323	H04W 4/02
VEHICLES BASED ON MOTION PLANS	24.11.2016	H04W 4/029
(73) Baidu USA LLC	(22) 25.12.2015	(11) EP3400723
(72) ZHUANG, Li	(54) POINT CLOUD IMAGE GENERATOR	(21) EP16882822.6
YANG, Guang	(73) Mitsubishi Electric Corporation	(47) 26.08.2020
WANG, Jingao	(72) TOGASHI, Kenji	(87) CA2016051525
(31) 201615396214	OZAWA, Tadashi	13.07.2017
(32) 30.12.2016	(31) 2015103240	(22) 22.12.2016
(33) United States of America	2015103152	(54) METHOD AND DEVICE FOR ASSET
(51) G01C 21/30	(32) 20.05.2015	TRACKING
G01S 5/16	20.05.2015	(73) BlackBerry Limited
G01S 19/22	(33) Japan	(72) KORNELUK, Jose Eduardo
G05D 1/02	Japan	BERRIZ, Sergio Javier
(11) EP3447449	(51) G01C 25/00	(31) 201614987592
(21) EP18182840.1	(11) EP3526551	(32) 04.01.2016
(47) 26.08.2020	(21) EP17781092.6	(33) United States of America
(22) 11.07.2018	(47) 26.08.2020	(51) G01F 1/56
(54) HOST VEHICLE POSITION	(87) EP2017075547	G01F 1/716
CONFIDENCE DEGREE CALCULATION	19.04.2018	(11) EP2687825
DEVICE	(22) 06.10.2017	(21) EP13003370.7
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(54) IMPROVEMENTS TO METHODS FOR	(47) 26.08.2020
(72) FUNAYAMA, Ryuji	ALIGNING INERTIAL NAVIGATION	(22) 03.07.2013
KINDO, Toshiki	SYSTEMS	(54) Nuclear magnetic flow meter
SHIMIZU, Ayako	(73) Safran Electronics & Defense	(73) Krohne AG
OTAKI, Sho	(72) DEMANGE, Jean Luc	(72) Zoetewei, Marco Leendert
JUNG, Hojung	(31) 1659806	Bousché, Olaf Jean Paul
IWAMOTO, Takayuki	(32) 11.10.2016	Hogendoorn, Cornelius Johannes
SAKAGUCHI, Yasuo	(33) France	de Graaf, Ariël
(31) 2017162479	(51) G01D 3/08	Pors, Jan Teunis Aart
(32) 25.08.2017	(11) EP3514499	Ramondt, Jan-Willem
(33) Japan	(21) EP18153025.4	(31) 102012013935
(51) G01C 21/30	(47) 26.08.2020	(32) 16.07.2012
G08G 1/01	(22) 23.01.2018	(33) Germany
(11) EP3109842	(54) VERIFICATION OF SENSOR DATA	(51) G01F 1/64
(21) EP16176283.6	(73) Siemens Aktiengesellschaft	H01L 21/44
(47) 26.08.2020	(72) Aschauer, Hans	H01L 21/4763
(22) 24.06.2016	Falk, Rainer	H01L 29/00
(54) MAP-CENTRIC MAP MATCHING	Feist, Christian Peter	(11) EP3341957
METHOD AND APPARATUS	Pfau, Axel	(21) EP16856064.7
(73) HERE Global B.V.	Schneider, Daniel	(47) 26.08.2020
(72) Dorum, Ole Henry	(51) G01D 5/14	(87) US2016056530
(31) 201514752159	G01D 5/20	20.04.2017
(32) 26.06.2015	G01D 5/244	(22) 12.10.2016
(33) United States of America	G01D 5/245	(54) MEASUREMENT OF ELECTRIC
(51) G01C 21/32	G01D 5/249	SIGNALS TO DETECT PRESENCE OR
G08G 1/01	(11) EP3488189	FLOW OF ELECTROACTIVE SPECIES
G08G 1/0968	(21) EP17745466.7	IN SOLUTION
G05D 1/02	(47) 26.08.2020	(73) SFC Fluidics, Inc
(11) EP3413018	(87) GB2017052120	(72) LEDDEN, Bradley, Thomas
(21) EP16891045.3	25.01.2018	(31) 201562241203 P
(47) 26.08.2020	(22) 19.07.2017	(32) 14.10.2015
(87) CN2016074711	(54) CALIBRATING POSITION SENSOR	(33) United States of America
31.08.2017	READINGS	(51) G01F 1/66
(22) 26.02.2016	(73) CMR Surgical Limited	(11) EP3343185
(54) TRAFFIC CONTROL METHOD AND	(72) MOTTRAM, Edward John	(21) EP17206673.0
DEVICE	ROBERTS, Paul Christopher	(47) 26.08.2020
(73) Huawei Technologies Co., Ltd.	(31) 201612766	(22) 12.12.2017
(72) SONG, Yonggang	(32) 22.07.2016	(54) ULTRASOUND FLOW MEASURING
QIAN, Xiangjiang	(33) United Kingdom	DEVICE AND METHOD FOR
LI, Hui	(51) G01D 21/02	MEASURING THE FLOW

(73) Krohne AG	(54) SPECTROMETER FOR GENERATING A TWO DIMENSIONAL SPECTRUM	(33) Japan
(72) van Klooster, Jeroen Martin Huijzer, Arie	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(51) G01M 5/00
(31) 102016125745	(72) MODDEMEIJER, Kees	G01N 19/04
(32) 27.12.2016	PEREZ CALERO, Daniel	(11) EP3215826
(33) Germany	DUIVENVOORDE, Tom	(21) EP15805579.8
(51) G01F 1/684	SANDTKE, Marijn	(47) 26.08.2020
(11) EP3267161	DAY, James Peter Robert	(87) FR2015053000
(21) EP16758845.8	(31) 13197479	12.05.2016
(47) 26.08.2020	(32) 16.12.2013	(22) 05.11.2015
(87) JP2016055743	(33) European Patent Office (EPO)	(54) PEELING TEST COUPON
09.09.2016	(51) G01K 17/00	(73) SAFRAN AIRCRAFT ENGINES
(22) 26.02.2016	G01N 25/20	(72) BROSSIER, Pascal, Noël
(54) AIR FLOW RATE DETECTING DEVICE	G21C 17/112	BERRANGER, Thibault
(73) Hitachi Automotive Systems, Ltd.	(11) EP3280985	CHICHERY, Emmanuel
(72) YOGO Takayuki	(21) EP16717298.0	GANI, Léa
MIKI Takahiro	(47) 26.08.2020	TIMON, Alain
HOSHIKA Hiroaki	(87) EP2016057727	(31) 1460740
ABE Hiroyuki	13.10.2016	(32) 06.11.2014
(31) 2015043089	(22) 08.04.2016	(33) France
(32) 05.03.2015	(54) CALORIMETRIC CELL FOR	(51) G01M 11/00
(33) Japan	MEASURING NUCLEAR HEATING IN A	G01N 21/00
(51) G01F 1/684	NUCLEAR REACTOR	G01S 7/285
G01P 5/10	(73) Commissariat à l'Énergie Atomique et	(11) EP2813012
G01P 5/12	aux Énergies Alternatives	(21) EP13747263.5
(11) EP3187881	Université d'Aix-Marseille	(47) 26.08.2020
(21) EP15202841.1	(72) CARETTE, Michel	(87) US2013024920
(47) 26.08.2020	LYOUSSI, Abdallah	15.08.2013
(22) 28.12.2015	BRUN, Julie	(22) 06.02.2013
(54) THERMAL FLOW SENSOR	REYNARD-CARETTE, Christelle	(54) CORRELATION SYSTEMS
(73) Sensirion AG	VILLARD, Jean-François	AND METHODS WITH ERROR
(72) KOSTNER, Stefan	GUIMBAL, Philippe	COMPENSATION
KIEFER, Thomas	(31) 1553136	(73) Adtran, Inc.
MAHLER, Lukas	(32) 10.04.2015	(72) BROOKS, John
(51) G01F 11/02	(33) France	JOFFE, Daniel
(11) EP3096114	(51) G01L 5/00	(31) 201213367201
(21) EP16170458.0	G01M 7/08	(32) 06.02.2012
(47) 26.08.2020	G09B 23/30	(33) United States of America
(22) 19.05.2016	(11) EP3281188	(51) G01M 11/06
(54) DOSING MACHINE WITH SIPHON	(21) EP16720699.4	(11) EP3449231
HAVING IMPROVED CLEANING IN	(47) 26.08.2020	(21) EP17718521.2
PLACE	(87) DE2016000138	(47) 26.08.2020
(73) Tremark	13.10.2016	(87) EP2017059341
(72) MARCHADOUR, Jean-Charles	(22) 30.03.2016	02.11.2017
(31) 1554640	(54) TEST TABLE FOR CRASH TEST	(22) 20.04.2017
(32) 22.05.2015	DUMMY CERTIFICATION AND TEST	(54) METHOD FOR ALIGNING A
(33) France	BENCH	HEADLIGHT ADJUSTMENT DEVICE
(51) G01G 19/393	(73) Pfeifer, Gerhard	(73) Beissbarth GmbH
(11) EP3163266	(72) Pfeifer, Gerhard	(72) MAKRA, Imre
(21) EP16382500.3	(31) 102015004536	BAUMGARTNER, Andreas
(47) 26.08.2020	(32) 04.04.2015	(31) 102016207047
(22) 31.10.2016	(33) Germany	(32) 26.04.2016
(54) A DYNAMIC WEIGHING MACHINE	(51) G01L 9/00	(33) Germany
(73) GIRNET INTERNACIONAL, S.L.	G01L 13/02	(51) G01M 99/00
(72) GIRO AMIGO, Ezequiel	G01L 19/06	C10B 57/04
(31) 201531569	G01L 19/14	G01N 13/00
(32) 02.11.2015	(11) EP2538190	G01N 13/02
(33) Spain	(21) EP12171609.6	G01N 19/04
(51) G01J 3/02	(47) 26.08.2020	G01N 33/22
G01J 3/18	(22) 12.06.2012	(11) EP2833116
G01J 3/28	(54) Sensor unit	(21) EP13768941.0
(11) EP3084373	(73) Yokogawa Electric Corporation	(47) 26.08.2020
(21) EP14825460.0	(72) Fujiwara, Hideki	(87) JP2013001979
(47) 26.08.2020	Ooshima, Akihiro	03.10.2013
(87) NL2014050865	Morikawa, Tomotaka	(22) 25.03.2013
25.06.2015	(31) 2011139384	(54) METHOD FOR EVALUATING INTER-
(22) 16.12.2014	(32) 23.06.2011	COAL ADHESION
		(73) JFE Steel Corporation
		(72) FUKADA, Kiyoshi

SUMI, Hiroyuki FUJIMOTO, Hidekazu SHIMOYAMA, Izumi ANYASHIKI, Takashi YAMAMOTO, Tetsuya DOHI, Yusuke (31) 2012071518 (32) 27.03.2012 (33) Japan	Université Evry Val d'Essonne ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS (72) PELTA, Juan OUKHALED, Abdelghani PIGUET, Fabien OULDALI, Hadjer KRUPOVA, Zuzana DEFRENAIX, Pierre MANIVET, Philippe (31) 1601007 (32) 24.06.2016 (33) France	16.11.2017 (22) 05.05.2017 (54) METHOD AND DEVICE FOR DETECTING DANGEROUS OBJECT HIDDEN ON HUMAN BODY FROM MICROWAVE IMAGE (73) China Communication Technology Co., Ltd. Shenzhen CCT THZ Technology Co., Ltd. (72) QI, Chunchao LIU, Yanli CHEN, Hanjiang WU, Guangsheng ZHAO, Shukai DING, Qing (31) 201610316116 (32) 12.05.2016 (33) China
(51) G01N 1/22 (11) EP3025140 (21) EP13731379.7 (47) 26.08.2020 (87) FR2013051224 05.12.2013 (22) 30.05.2013 (54) DEVICE AND METHOD FOR SAMPLING AIR FOR MEASURING ASBESTOS, FIBRES AND/OR METALS IN ATMOSPHERIC SUSPENSION (73) AC-SP Etude & Recherche En Hygiène Industrielle (72) MONBOEUF, Pascal PLATON, Frédéric	(51) G01N 15/14 (11) EP2908117 (21) EP15153861.8 (47) 26.08.2020 (22) 04.02.2015 (54) SPATIAL MODULATION OF LIGHT TO DETERMINE OBJECT LENGTH (73) Palo Alto Research Center Incorporated (72) Martini, Joerg Bern, Marshall W. Johnson, Noble M. Kiesel, Peter Kletter, Doron Cheng, Bowen Recht, Michael I. (31) 201414181530 (32) 14.02.2014 (33) United States of America	(51) G01N 23/00 G01N 33/68 (11) EP3155438 (21) EP15806609.2 (47) 26.08.2020 (87) US2015034960 17.12.2015 (22) 09.06.2015 (54) QUANTITATIVE PEPTIDE OR PROTEIN ASSAY (73) Pierce Biotechnology, Inc. (72) HANEY, Jeffrey, Paul ETIENNE, Christopher, L. HOU, Sijian RAJA, Erum GANAPATHY, Ramesh (31) 201462010594 P (32) 11.06.2014 (33) United States of America
(51) G01N 1/32 H01J 37/305 (11) EP3023763 (21) EP15195033.4 (47) 26.08.2020 (22) 17.11.2015 (54) SPECIMEN PREPARATION DEVICE (73) JEOL LTD. (72) SAKUDA, Yusuke ASAHINA, Shunsuke (31) 2014236569 (32) 21.11.2014 (33) Japan	(51) G01N 21/64 (11) EP3460456 (21) EP17192083.8 (47) 26.08.2020 (22) 20.09.2017 (54) A BIOSENSOR SYSTEM FOR DETECTING SUPERCRITICAL ANGLE FLUORESCENT LIGHT (73) Katholieke Universiteit Leuven IMEC vzw (72) JAMES SHIRLEY, Finub VAN DORPE, Pol	(51) G01N 23/207 (11) EP3076165 (21) EP14866759.5 (47) 26.08.2020 (87) JP2014051630 04.06.2015 (22) 27.01.2014 (54) X-RAY DIFFRACTOMETER AND X-RAY DIFFRACTOMETRY METHOD (73) Rigaku Corporation (72) KOBAYASHI, Shintaro MITSUNAGA, Toru KAJIYOSHI, Koichi ARAI, Kazuyoshi (31) 2013243506 (32) 26.11.2013 (33) Japan
(51) G01N 15/08 (11) EP3299798 (21) EP17191817.0 (47) 26.08.2020 (22) 19.09.2017 (54) DYNAMIC MOISTURE PERMEABILITY EVALUATION APPARATUS, METHOD FOR EVALUATING DYNAMIC MOISTURE PERMEABILITY, AND DYNAMIC MOISTURE PERMEABILITY EVALUATION PROGRAM (73) Nitto Denko Corporation (72) KISHI, Atsushi ISHIHARA, Yasutaka MAMIYA, Satoru (31) 2016186117 (32) 23.09.2016 (33) Japan	(51) G01N 21/85 (11) EP2890973 (21) EP13802096.1 (47) 26.08.2020 (87) IB2013002400 06.03.2014 (22) 27.08.2013 (54) SPECTROPHOTOMETRIC ANALYSIS OF EMBRYONIC CHICK FEATHER COLOR (73) Agri Advanced Technologies GmbH (72) MCKAY, James, C. (31) 201261695453 P (32) 31.08.2012 (33) United States of America	(51) G01N 25/18 G21B 1/13 G21C 17/02 G21C 17/06 (11) EP3550294 (21) EP18175220.5 (47) 26.08.2020 (22) 30.05.2018 (54) SAMPLE HOLDER ASSEMBLY FOR EFFECTIVE THERMAL CONDUCTIVITY MEASUREMENT OF PEBBLE-BED IN LASER FLASH APPARATUS (73) Korea Basic Science Institute
(51) G01N 15/12 G01N 27/327 G01N 33/487 C12Q 1/6869 (11) EP3270139 (21) EP17177951.5 (47) 26.08.2020 (22) 26.06.2017 (54) METHOD FOR ELECTRICALLY DETECTING PEPTIDES, PROTEINS AND OTHER MACROMOLECULES (73) EXCILONE CY Cergy Paris Université	(51) G01N 22/00 G06K 9/00 G06T 7/00 G06T 7/12 G06T 7/13 G06T 7/174 (11) EP3457355 (21) EP17795494.8 (47) 26.08.2020 (87) CN2017083271	

(72) PARK, Yi Hyun CHO, Seung Yon AHN, Mu Young LEE, Young Min KU, Duck Young (31) 20180038527 (32) 03.04.2018 (33) Korea (Republic)	(33) United Kingdom (51) G01N 27/62 H01J 49/00 (11) EP3241229 (21) EP15875324.4 (47) 26.08.2020 (87) IB2015059698 07.07.2016 (22) 16.12.2015 (54) DIFFERENTIAL MOBILITY SPECTROMETRY METHOD (73) DH Technologies Development Pte. Ltd. (72) CAMPBELL, John, Lawrence LE BLANC, Yves (31) 201462098700 P (32) 31.12.2014 (33) United States of America	G01N 30/88 G06K 9/00 (11) EP2717046 (21) EP12791980.1 (47) 26.08.2020 (87) JP2012003610 06.12.2012 (22) 31.05.2012 (54) METHOD FOR ATTRIBUTING PEAKS, ATTRIBUTION PROGRAM, AND ATTRIBUTION DEVICE (73) TSUMURA & CO. (72) MORI, Yoshikazu NODA, Keiichi MAKINO, Bunsho (31) 2011123846 (32) 01.06.2011 (33) Japan
(51) G01N 27/30 (11) EP3443336 (21) EP17715261.8 (47) 26.08.2020 (87) GB2017050818 19.10.2017 (22) 23.03.2017 (54) ELECTROCHEMICAL SENSOR (73) Palintest Limited (72) JOHNSTON, Simon BIRCH, Stephen (31) 201606111 (32) 11.04.2016 (33) United Kingdom	(51) G01N 27/90 (11) EP2818857 (21) EP14172178.7 (47) 26.08.2020 (22) 12.06.2014 (54) Apparatus and method for eddy current inspection of structures (73) The Boeing Company (72) Graebner, Kim E. (31) 201313925804 (32) 24.06.2013 (33) United States of America	(51) G01N 33/487 C12Q 1/68 C12Q 1/6869 (11) EP3252166 (21) EP16742646.9 (47) 26.08.2020 (87) CN2016070446 04.08.2016 (22) 08.01.2016 (54) PREPARATION METHOD FOR AEROMONAS LYSINE NANO-PORE CHANNEL AND APPLICATION THEREOF (73) East China University Of Science And Technology (72) LONG, Yitao CAO, Chan HU, Yongxu (31) 201510047662 (32) 30.01.2015 (33) China
(51) G01N 27/404 G01N 27/49 (11) EP2860517 (21) EP14185456.2 (47) 26.08.2020 (22) 18.09.2014 (54) Potentiostatic circuit for electrochemical sensors (73) Honeywell International Inc. (72) Pratt, Keith Francis Edwin Willett, Martin Xiao, Lei Hosseinmardi, Ali (31) 201314049426 (32) 09.10.2013 (33) United States of America	(51) G01N 29/02 G01N 29/38 (11) EP2543996 (21) EP12153991.0 (47) 26.08.2020 (22) 06.02.2012 (54) Surface acoustic wave sensor system and measurement method using multiple- transit-echo wave (73) Samsung Electronics Co., Ltd. (72) Do, Jae Phil Kim, Sang Kyu Kim, Jae Young Lee, Woo Chang Jung, Jae Yeon Lee, Soo Suk Choi, Youn Suk (31) 20110068116 (32) 08.07.2011 (33) Korea (Republic)	(51) G01N 33/50 (11) EP3265808 (21) EP16707785.8 (47) 26.08.2020 (87) EP2016054552 09.09.2016 (22) 03.03.2016 (54) METHODS FOR ENHANCING THE SPECIFIC UPTAKE OF BOTULINUM NEUROTOXINS INTO CELLS (73) Merz Pharma GmbH & Co. KGaA (72) JATZKE, Claudia EISELE, Karl-Heinz MANDER, Gerd FINK, Klaus (31) 15157549 (32) 04.03.2015 (33) European Patent Office (EPO)
(51) G01N 27/447 (11) EP1455183 (21) EP04013127.8 (47) 26.08.2020 (22) 26.07.2000 (54) METHOD AND APPARATUS FOR REDUCING PEAK BROADENING ASSOCIATED WITH THE ESTABLISHMENT OF AN ELECTRIC FIELD (73) Life Technologies Corporation (72) Johnson, Ben F. Nordman, Eric S. (31) 361485 (32) 26.07.1999 (33) United States of America	(51) G01N 29/04 G01N 29/06 G01N 29/44 G06T 7/00 (11) EP2618142 (21) EP13150766.7 (47) 26.08.2020 (22) 10.01.2013 (54) Ultrasonic modeling for inspection of composite irregularities (73) The Boeing Company (72) Lin, John Z Tat, Hong Bossi, Richard H (31) 201213355100 (32) 20.01.2012 (33) United States of America	(51) G01N 33/569 C12Q 1/6883 (11) EP3347715 (21) EP16765953.1 (47) 26.08.2020 (87) EP2016071149 16.03.2017 (22) 08.09.2016 (54) METHOD AND KIT FOR DIAGNOSING EPITHELIAL-TO-MESENCHYMAL
(51) G01N 27/62 (11) EP3207364 (21) EP15790635.5 (47) 26.08.2020 (87) GB2015053033 21.04.2016 (22) 14.10.2015 (54) ION MOBILITY SPECTROMETER WITH ION MODIFICATION (73) Smiths Detection-Watford Limited (72) ATKINSON, Jonathan CLARK, Alastair (31) 201418182 (32) 14.10.2014	(51) G01N 30/86	

TRANSITION (EMT) OF THE PERITONEUM	(54) TOOL AND METHOD FOR SWITCHING AN ELECTROMAGNETIC RELAY	(11) EP3004909
(73) Fresenius Medical Care Deutschland GmbH	(73) Schneider Electric Logistics Asia Pte Ltd.	(21) EP14736448.3
(72) PLASSLICK-DEETJEN, Jutta	(72) Lai, Lim Kean	(47) 26.08.2020
BÜCHEL, Janine	(31) 201206889	(87) IB2014062050
STEBPAN, Sonja	(32) 17.09.2012	11.12.2014
LOPEZ-CABRERA, Manuel	(33) Singapore	(22) 07.06.2014
AGUILERA, Abelardo	(51) G01R 31/3181	(54) VISUAL PRE-SCAN PATIENT INFORMATION FOR MAGNETIC RESONANCE PROTOCOL
SELGAS, Rafael	G09C 1/00	(73) Koninklijke Philips N.V.
(31) 102015115158	G11C 29/52	(72) FORTHMANN, Peter
(32) 09.09.2015	H04L 9/00	KRUEGER, Sascha
(33) Germany	(11) EP2847922	NIELSEN, Tim
(51) G01N 33/68	(21) EP13724194.9	RAHMER, Jürgen Erwin
(11) EP3161482	(47) 26.08.2020	VERNICKEL, Peter
(21) EP15811137.7	(87) EP2013059519	BOERNERT, Peter
(47) 26.08.2020	14.11.2013	KATSCHER, Ulrich
(87) US2015038108	(22) 07.05.2013	(31) 201361832395 P
30.12.2015	(54) METHOD AND DEVICE FOR TRANSMITTING A MESSAGE	(32) 07.06.2013
(22) 26.06.2015	(73) Idemia Identity & Security France	(33) United States of America
(54) METHOD FOR ENRICHING CNS-DERIVED EXOSOMES	(72) BERTHIER, Maël	(51) G01R 33/34
(73) XY Evergreen Technology Company	BOCKTAELS, Yves	G01R 33/3415
(72) ZHANG, Jing	BRINGER, Julien	(11) EP2385385
(31) 201462018081 P	LECOCQ, François	(21) EP11164243.5
(32) 27.06.2014	(31) 1254329	(47) 26.08.2020
(33) United States of America	(32) 11.05.2012	(22) 29.04.2011
(51) G01N 33/68	(33) France	(54) RF coil assembly for use in magnetic resonance imaging
G16H 50/30	(51) G01R 31/392	(73) IMRIS Inc.
(11) EP3203228	G01R 31/36	(72) Shvartsberg, Alexander
(21) EP14903260.9	(11) EP3614157	Schellekens, Wayne Theodore
(47) 26.08.2020	(21) EP17906402.7	Fallah-Rad, Mehran
(87) CN2014087852	(47) 26.08.2020	Turenne, Claude
07.04.2016	(87) CN2017087564	(31) 770882
(22) 30.09.2014	25.10.2018	(32) 30.04.2010
(54) CHRONIC HEART DISEASE PATIENT SPECIFIC BIOMARKER COMPOSITION AND USE THEREOF	(22) 08.06.2017	(33) United States of America
(73) BGI Shenzhen	(54) METHOD AND DEVICE FOR ESTIMATING STATE OF HEALTH OF BATTERY	(51) G01S 1/04
BGI Shenzhen Co., Limited	(73) Huawei Technologies Co., Ltd.	H04B 1/02
(72) FENG, Qiang	(72) GAO, Kejie	H04L 27/00
LIU, Zhipeng	LIU, Zhongxiao	(11) EP3418760
MENG, Nan	ZHANG, Jianbo	(21) EP17177424.3
WANG, Jun	LI, Zhe	(47) 26.08.2020
(51) G01N 35/02	WU, Zhiwei	(22) 22.06.2017
G01N 35/04	LIU, Zuqi	(54) METHOD AND SYSTEM FOR OVERSAMPLING A WAVEFORM WITH VARIABLE OVERSAMPLING FACTOR
(11) EP2299282	(31) 201710254759	(73) IHP GmbH - Innovations for High Performance Microelectronics / Leibniz-Institut für innovative Mikroelektronik
(21) EP10176809.1	(32) 18.04.2017	(72) SARK, Vladica
(47) 26.08.2020	(33) China	GRASS, Eckhard
(22) 15.09.2010	(51) G01R 33/28	GUTIERREZ TERAN, Jesus
(54) Sample processing apparatus, sample transporting device, and sample rack transporting method	G01R 33/36	(51) G01S 5/00
(73) SYSMEX CORPORATION	(11) EP3433629	G01S 5/06
(72) Takai, Kei	(21) EP17712773.5	G01S 5/10
(31) 2009214489	(47) 26.08.2020	H04W 56/00
2009221210	(87) EP2017056805	H04W 64/00
(32) 16.09.2009	28.09.2017	H04W 4/02
25.09.2009	(22) 22.03.2017	(11) EP3535597
(33) Japan	(54) APPARATUS FOR HANDLING AN OPTICAL FIBER IN A MAGNETIC RESONANCE IMAGING SYSTEM	(21) EP17817101.3
(51) G01R 31/00	(73) Koninklijke Philips N.V.	(47) 26.08.2020
H01H 1/00	(72) DUENSING, George Randall	(87) IB2017056770
H01H 50/32	FRIMAN, Olli Tapio	11.05.2018
(11) EP2709131	(31) 201662311452 P	(22) 31.10.2017
(21) EP13184596.8	(32) 22.03.2016	(54) PROVIDING ESTIMATED ACCURACY OF MOBILE STATION SYNCHRONIZATION TO THE NETWORK
(47) 26.08.2020	(33) United States of America	
(22) 16.09.2013	(51) G01R 33/28	
	G01R 33/54	
	G06T 7/73	

(73) Telefonaktiebolaget LM Ericsson (PUBL)	(51) G01S 5/14	(72) STICHERLING, Nadine
(72) ERIKSSON LÖWENMARK, Stefan	G01S 7/48	KOTT, Christopher
JOHANSSON, Nicklas	G01S 13/74	WENZEL, Oliver
DIACHINA, John Walter	G01S 13/87	THAU, Wolfgang
(31) 201662415990 P	G01S 17/42	(31) 102017131425
(32) 01.11.2016	G01S 17/02	(32) 29.12.2017
(33) United States of America	G01S 17/89	(33) Germany
(51) G01S 5/00	(11) EP3605133	(51) G01S 7/487
H04W 24/08	(21) EP19189276.9	G01S 7/497
H04W 24/10	(47) 26.08.2020	G01S 17/10
H04W 64/00	(22) 31.07.2019	(11) EP3397985
(11) EP2807855	(54) LASER SCANNER SYSTEM	(21) EP16881364.0
(21) EP13740515.5	(73) TOPCON CORPORATION	(47) 26.08.2020
(47) 26.08.2020	(72) YOSHINO, Ken-ichiro	(87) IB2016057985
(87) FI2013050022	ITO, Tadayuki	06.07.2017
01.08.2013	KOMEICHI, Takahiro	(22) 23.12.2016
(22) 11.01.2013	(31) 2018146746	(54) EXTRINSIC STATIC NOISE
(54) LOCATION INFORMATION SIGNALING	(32) 03.08.2018	CHARACTERIZATION AND REMOVAL
RELATED TO CONFORMANCE TESTS	(33) Japan	(73) Leddartech Inc.
(73) Nokia Technologies Oy	(51) G01S 7/03	(72) SIMARD-BILODEAU, Vincent
(72) KOSKINEN, Jussi-Pekka	G01S 13/44	GIDEL, Samuel
KOSKELA, Jarkko	H01Q 3/24	(31) 201562271727 P
FREDRIKSSON, Esa	H01Q 3/40	(32) 28.12.2015
(31) 201261591759 P	H01Q 21/00	(33) United States of America
201261653345 P	H01Q 25/00	(51) G01S 13/28
(32) 27.01.2012	H01Q 25/02	G01S 13/42
30.05.2012	(11) EP3271968	H01Q 21/06
(33) United States of America	(21) EP16715466.5	(11) EP3471210
United States of America	(47) 26.08.2020	(21) EP18199051.6
(51) G01S 5/10	(87) EP2016055655	(47) 26.08.2020
G01S 5/02	22.09.2016	(22) 08.10.2018
(11) EP2486420	(22) 16.03.2016	(54) RADAR APPARATUS
(21) EP10765477.4	(54) AN AMPLITUDE COMPARISON	(73) Panasonic Intellectual Property
(47) 26.08.2020	MONOPULSE RADAR SYSTEM	Management Co., Ltd.
(87) GB2010051654	(73) Arralis Holdings Limited	(72) KISHIGAMI, Takaaki
14.04.2011	(72) CHRISTIE, Steven	(31) 2017197194
(22) 04.10.2010	HUMPHREY, Denver	(32) 10.10.2017
(54) IMPROVEMENTS IN OR RELATING TO	GLEAVES, Michael	(33) Japan
RADIO POSITIONING	LUNN, Barry	(51) G01S 13/76
(73) BAE Systems PLC	(31) 15159261	(11) EP3370083
(72) FARAGHER, Ramsey, Michael	(32) 16.03.2015	(21) EP17158995.5
(31) 0917388	(33) European Patent Office (EPO)	(47) 26.08.2020
09275092	(51) G01S 7/03	(22) 02.03.2017
0917384	H03B 5/12	(54) PROCESSING MODULE AND
09275091	(11) EP3487068	ASSOCIATED METHOD
0920772	(21) EP18205096.3	(73) NXP B.V.
09177349	(47) 26.08.2020	(72) Dutz, Jan
201009486	(22) 08.11.2018	Küchler, Wolfgang
10275059	(54) SYSTEM AND METHOD FOR TUNING	Leong, Frank
201013413	A VCO COMPRISING A FILTERED	Baier, Thomas
(32) 05.10.2009	CURRENT SOURCE	Koppelaar, Arie Geert Cornelis
05.10.2009	(73) Infineon Technologies AG	(51) G01S 13/86
05.10.2009	(72) ISSAKOV, Vadim	G01S 13/931
05.10.2009	PADOVAN, Fabio	(11) EP3198300
27.11.2009	CHERNIAK, Dmytro	(21) EP15770797.7
27.11.2009	(31) 201715820029	(47) 26.08.2020
07.06.2010	(32) 21.11.2017	(87) EP2015001892
07.06.2010	(33) United States of America	31.03.2016
10.08.2010	(51) G01S 7/481	(22) 24.09.2015
(33) United Kingdom	H05K 5/00	(54) METHOD FOR OPERATING A
European Patent Office (EPO)	G01S 17/02	MULTIPLICITY OF RADAR SENSORS
United Kingdom	(11) EP3505954	IN A MOTOR VEHICLE AND MOTOR
European Patent Office (EPO)	(21) EP18203491.8	VEHICLE
United Kingdom	(47) 26.08.2020	(73) Audi AG
European Patent Office (EPO)	(22) 30.10.2018	(72) KHLIFI, Rachid
United Kingdom	(54) COMPACT TIME OF FLIGHT SENSOR	(31) 102014014307
European Patent Office (EPO)	MODULE	(32) 25.09.2014
United Kingdom	(73) HUF Hülsbeck & Fürst GmbH & Co. KG	



(33) Germany	(32) 30.03.2016	(32) 24.11.2014
(51) G01S 13/931	(33) Japan	(33) China
(11) EP2849166	(51) G01V 3/10	(51) G02B 5/08
(21) EP12876253.1	(11) EP3607361	G02B 1/14
(47) 26.08.2020	(21) EP18734474.2	(11) EP3262446
(87) JP2012061897	(47) 26.08.2020	(21) EP16709728.6
14.11.2013	(87) EP2018065902	(47) 26.08.2020
(22) 09.05.2012	27.12.2018	(87) EP2016054132
(54) DRIVING ASSIST DEVICE	(22) 14.06.2018	01.09.2016
(73) Toyota Jidosha Kabushiki Kaisha	(54) METHOD AND DEVICE FOR	(22) 26.02.2016
(72) URANO, Hiromitsu	MEASURING THE BURIAL DEPTH OF	(54) REFLECTOR ELEMENT AND
SAKAI, Katsuhiro	A LINE	PROCESS OF MANUFACTURE
KINDO, Toshiaki	(73) Heinrich Hirdes GmbH	THEREOF
ICHIKAWA, Kentaro	(72) KÖLBEL, Jan	(73) SITECO GmbH
HARADA, Masahiro	(31) 102017210672	(72) SCHÜRMMANN, Mark
(51) G01S 17/08	(32) 23.06.2017	MUNZERT, Peter
G06K 7/10	(33) Germany	SALZ, Dirk
(11) EP3007096	(51) G01V 3/10	STOCKWALD, Klaus
(21) EP15188440.0	G08B 13/24	SCHAEFER, Reinhard
(47) 26.08.2020	(11) EP3491630	KOTTER, Stefan
(22) 05.10.2015	(21) EP17746418.7	BRAUN, Paul
(54) DEPTH SENSOR BASED AUTO-FOCUS	(47) 26.08.2020	(31) 102015102870
SYSTEM FOR AN INDICIA SCANNER	(87) EP2017068063	(32) 27.02.2015
(73) Hand Held Products, Inc.	01.02.2018	(33) Germany
(72) TODESCHINI, Erik	(22) 17.07.2017	(51) G02B 5/10
JOVANOVSKI, Brian L.	(54) THEFT PREVENTION SYSTEM AND	G02B 7/182
BREMER, Edward C.	METHOD	G02B 17/08
(31) 201462062175 P	(73) Alert Systems ApS	G02B 26/08
201514872176	(72) PEDERSEN, Dennis	H04N 5/225
(32) 10.10.2014	(31) 201670556	(11) EP3419277
01.10.2015	(32) 26.07.2016	(21) EP17870166.0
(33) United States of America	(33) Denmark	(47) 26.08.2020
United States of America	(51) G02B 1/04	(87) CN2017084885
(51) G01T 1/20	G02B 5/22	17.05.2018
(11) EP2793052	G02C 7/02	(22) 18.05.2017
(21) EP12853509.3	G02C 7/10	(54) CAMERA MODULE AND TERMINAL
(47) 26.08.2020	G02C 7/12	DEVICE
(87) JP2012007697	(11) EP2767863	(73) Huawei Technologies Co., Ltd.
06.06.2013	(21) EP12839463.2	(72) XIE, Zhenlin
(22) 30.11.2012	(47) 26.08.2020	QIN, Zhenkai
(54) SCINTILLATOR ARRAY, AND X-RAY	(87) JP2012074451	RAN, Kun
DETECTOR AND X-RAY EXAMINATION	18.04.2013	(31) 201610986372
DEVICE USING SCINTILLATOR ARRAY	(22) 25.09.2012	(32) 09.11.2016
(73) Kabushiki Kaisha Toshiba	(54) SYNTHETIC RESIN LENS	(33) China
Toshiba Materials Co., Ltd.	(73) Yamamoto Kogaku Co., Ltd.	(51) G02B 6/02
(72) MORIMOTO, Kazumitsu	(72) MATSUMOTO Kimio	G02B 6/44
SAITO, Akihisa	NODA Kenta	(11) EP3190441
ADACHI, Yoshitaka	(31) 2011224395	(21) EP17150646.2
TOYOSHIMA, Masaki	(32) 11.10.2011	(47) 26.08.2020
OYAIZU, Eiji	(33) Japan	(22) 09.01.2017
(31) 2011263927	(51) G02B 5/04	(54) LIGHT ILLUMINATING APPARATUS
(32) 01.12.2011	G02B 5/20	(73) Hoya Candeo Optronics Corporation
(33) Japan	G02B 5/30	(72) Shito, Kazutaka
(51) G01T 1/20	G02F 1/1335	(31) 2016003105
G01T 1/202	G02B 1/18	(32) 10.01.2016
(11) EP3438704	(11) EP3226041	(33) Japan
(21) EP17773597.4	(21) EP15780752.0	(51) G02B 6/10
(47) 26.08.2020	(47) 26.08.2020	G02B 27/20
(87) JP2017002748	(87) CN2015076721	(11) EP2850471
05.10.2017	02.06.2016	(21) EP13790195.5
(22) 26.01.2017	(22) 16.04.2015	(47) 26.08.2020
(54) RADIATION DETECTOR	(54) OPTICAL FILM LAYER, LIGHT-	(87) US2013041619
MANUFACTURING METHOD	EMITTING DEVICE AND DISPLAY	21.11.2013
(73) Hamamatsu Photonics K.K.	APPARATUS	(22) 17.05.2013
(72) JONISHI, Hidenori	(73) BOE Technology Group Co., Ltd.	(54) DIRECTIONALLY ILLUMINATED
KUSUYAMA, Yutaka	(72) WANG, Shang	WAVEGUIDE ARRANGEMENT
OSAWA, Hirotake	KIM, Ki Man	(73) RealD Spark, LLC
(31) 2016068619	(31) 201410680690	(72) WOODGATE, Graham, J.

ROBINSON, Michael, G.	(47) 26.08.2020	G02B 7/30
HARROLD, Jonathan	(87) JP2010052989	G03B 3/10
SCHUCK, Miller, H.	02.09.2010	G03B 13/36
(31) 201261648873 P	(22) 25.02.2010	G08B 13/196
201261649141 P	(54) OPTICAL COMMUNICATION MODULE	H04N 5/232
(32) 18.05.2012	AND OPTICAL COMMUNICATION	(11) EP3393120
18.05.2012	CONNECTOR	(21) EP17871326.9
(33) United States of America	(73) Yazaki Corporation	(47) 26.08.2020
United States of America	(72) KAWAI, Hiroki	(87) CN2017108890
(51) G02B 6/12	(31) 2009041650	24.05.2018
G02B 6/293	2009181173	(22) 01.11.2017
(11) EP3268784	(32) 25.02.2009	(54) METHOD FOR AUTOMATIC FOCUS
(21) EP16710130.2	04.08.2009	AND PTZ CAMERA
(47) 26.08.2020	(33) Japan	(73) Hangzhou Hikvision Digital Technology
(87) EP2016055117	Japan	Co., Ltd.
15.09.2016	(51) G02B 6/43	(72) GONG, Qi
(22) 10.03.2016	(11) EP3060950	MA, Weimin
(54) BIDIRECTIONAL PHOTONIC	(21) EP14799255.6	YOU, Can
INTEGRATED CIRCUIT WITH	(47) 26.08.2020	XU, Peng
SUPPRESSED REFLECTION	(87) US2014061285	(31) 201611030013
(73) Medlumics S.L.	30.04.2015	(32) 15.11.2016
(72) RUBIO GIVERNAU, José Luis	(22) 20.10.2014	(33) China
SANCHO DURÁ, Juan	(54) FLEXIBLE GLASS OPTICAL	(51) G02B 13/00
MARGALLO BALBÁS, Eduardo	WAVEGUIDE STRUCTURES	G02B 27/64
(31) 201562132038 P	(73) Corning Incorporated	H04N 5/225
201615065126	(72) GARNER, Sean Matthew	H04N 5/228
(32) 12.03.2015	LI, Ming-Jun	H04N 5/232
09.03.2016	(31) 201361894139 P	(11) EP3518520
(33) United States of America	(32) 22.10.2013	(21) EP19155857.6
United States of America	(33) United States of America	(47) 26.08.2020
(51) G02B 6/255	(51) G02B 6/44	(22) 25.04.2017
G02B 6/36	(11) EP3306368	(54) ROTATIONAL BALL-GUIDED VOICE
G02B 6/44	(21) EP16799631.3	COIL MOTOR
(11) EP3133430	(47) 26.08.2020	(73) Corephotonics Ltd.
(21) EP15780670.4	(87) JP2016057329	(72) Bachar, Gil
(47) 26.08.2020	01.12.2016	Jerby, Itay
(87) CN2015076683	(22) 09.03.2016	Yedid, Itay
22.10.2015	(54) OPTICAL FIBER UNIT AND OPTICAL	(31) 201662343011 P
(22) 15.04.2015	FIBER CABLE	201662353278 P
(54) OPTICAL CABLE SPLICE	(73) Fujikura Ltd.	(32) 30.05.2016
PROTECTION DEVICE AND METHOD	(72) TAKEDA, Daiki	22.06.2016
FOR MOUNTING SAME	OKADA, Naoki	(33) United States of America
(73) CommScope Telecommunications	YAMANAKA, Masayoshi	United States of America
(Shanghai) Co. Ltd.	OSATO, Ken	(51) G02B 21/00
(72) TONG, Zhaoyang	KAJI, Tomoaki	(11) EP2740001
XIA, Jiangzhen	(31) 2015106598	(21) EP12759257.4
(31) 201410150778	(32) 26.05.2015	(47) 26.08.2020
(32) 15.04.2014	(33) Japan	(87) IB2012053905
(33) China	(51) G02B 6/44	07.02.2013
(51) G02B 6/36	H02G 11/00	(22) 31.07.2012
G02B 6/38	H02G 15/115	(54) MICROSCOPY OPTOELECTRONIC
(11) EP2929384	(11) EP2845280	DEVICE WITH FOCUS SCANNING
(21) EP13861865.7	(21) EP13784457.7	(73) Consiglio Nazionale Delle Ricerche
(47) 26.08.2020	(47) 26.08.2020	(72) SIANO, Salvatore
(87) US2013069143	(87) US2013035782	MENCAGLIA, Andrea, Azelio
19.06.2014	07.11.2013	CACCIARI, Ilaria
(22) 08.11.2013	(22) 09.04.2013	(31) RM20110415
(54) FIBER OPTIC TERMINATION	(54) CABLE MANAGEMENT DEVICE	(32) 01.08.2011
ARRANGEMENT AND METHOD OF	AND CELL TOWER ENCLOSURE	(33) Italy
MAKING THE SAME	COMPRISED THE CABLE	(51) G02B 26/08
(73) Baker Hughes Holdings LLC	MANAGEMENT DEVICE	G02B 27/01
(72) CHILDERS, Brooks, A.	(73) Corning Research & Development	G02B 27/02
(31) 201213709577	Corporation	(11) EP2828703
(32) 10.12.2012	(72) SIMMONS, Richard L.	(21) EP13764303.7
(33) United States of America	(31) 201261640765 P	(47) 26.08.2020
(51) G02B 6/42	(32) 01.05.2012	(87) US2013029668
(11) EP2402804	(33) United States of America	26.09.2013
(21) EP10746274.9	(51) G02B 7/28	(22) 07.03.2013

(54) OPTICAL BEAM TILT FOR OFFSET HEAD MOUNTED DISPLAY	(32) 01.09.2014	(22) 16.07.2008
(73) Google LLC	(33) Korea (Republic)	(54) IMAGE DISPLAY DEVICE AND PRODUCTION METHOD THEREOF
(72) GUPTA, Anurag	(51) G02C 3/00	(73) Dexerials Corporation
(31) 201213423672	G02C 5/02	(72) Toyoda, Tomoyuki
(32) 19.03.2012	G02C 5/14	Shinya, Yoshihisa
(33) United States of America	(11) EP3069191	Kamata, Yusuke
(51) G02B 27/00	(21) EP14741775.2	(31) 2007186360
G02B 27/01	(47) 26.08.2020	2008005027
G02B 27/14	(87) US2014045492	2008102051
G06F 3/01	21.05.2015	(32) 17.07.2007
(11) EP3557308	(22) 03.07.2014	11.01.2008
(21) EP18758081.6	(54) EXPANDABLE EYEWEAR WITH FLEXIBLE BAND	10.04.2008
(47) 26.08.2020	(73) Clic Goggles, Inc.	(33) Japan
(87) CN2018077285	(72) LANDO, Ron	Japan
30.08.2018	(31) 201314080365	Japan
(22) 26.02.2018	(32) 14.11.2013	(51) G02F 1/1333
(54) VIRTUAL REALITY HEAD-MOUNTED APPARATUS	(33) United States of America	G02F 1/13357
(73) Alibaba Group Holding Limited	(51) G02F 1/015	G09F 9/00
(72) ZHANG, Hong	G02F 1/025	F21S 2/00
(31) 201710109486	H01L 29/06	(11) EP2958096
(32) 27.02.2017	H01L 29/08	(21) EP13874912.2
(33) China	H01L 29/205	(47) 26.08.2020
(51) G02B 27/01	H01L 29/417	(87) KR2013001166
(11) EP2852860	H01L 29/423	21.08.2014
(21) EP13724738.3	H01L 29/737	(22) 14.02.2013
(47) 26.08.2020	H01L 31/0304	(54) DISPLAY DEVICE
(87) EP2013001485	H01L 31/0352	(73) LG Electronics Inc.
28.11.2013	H01L 31/105	(72) CHAE, Sunki
(22) 17.05.2013	(11) EP2669934	PARK, Jihee
(54) METHOD FOR CALIBRATING A HEAD-UP DISPLAY	(21) EP12739690.1	JOUNG, Juyoung
(73) Audi AG	(47) 26.08.2020	LEE, Kyungjoon
(72) ZINK, Oliver	(87) JP2012051178	(51) G02F 1/35
HEIM, Marcus	02.08.2012	H01L 21/66
(31) 102012010120	(22) 20.01.2012	H01S 3/13
(32) 23.05.2012	(54) SEMICONDUCTOR DEVICE	(11) EP3514897
(33) Germany	(73) NTT Electronics Corporation	(21) EP19159186.6
(51) G02B 27/01	Nippon Telegraph and Telephone Corporation	(47) 26.08.2020
(11) EP2887126	(72) ISHIBASHI, Tadao	(22) 13.11.2011
(21) EP14197010.3	ANDO, Seigo	(54) HIGH DAMAGE THRESHOLD FREQUENCY CONVERSION SYSTEM
(47) 26.08.2020	MURAMOTO, Yoshifumi	(73) Kla-Tencor Corporation
(22) 09.12.2014	YOSHIMATSU, Toshihide	(72) ARMSTRONG, J. Joseph
(54) Optical see-through glass type display device and corresponding optical element	YOKOYAMA, Haruki	(31) 201113293485
(73) InterDigital CE Patent Holdings	(31) 2011012277	41346910 P
(72) Blonde, Laurent	(32) 24.01.2011	(32) 10.11.2011
Drazic, Valter	(33) Japan	14.11.2010
(31) 13306758	(51) G02F 1/13	(33) United States of America
(32) 18.12.2013	G02F 1/13363	United States of America
(33) European Patent Office (EPO)	G02F 1/1347	(51) G02F 1/35
(51) G02B 27/01	(11) EP3316022	H04L 9/08
G06F 3/01	(21) EP17196288.9	(11) EP2526459
G06F 3/0354	(47) 26.08.2020	(21) EP11706294.3
G06F 3/0481	(22) 13.10.2017	(47) 26.08.2020
(11) EP2990852	(54) VIEWING ANGLE CONTROL DEVICE AND VIEWING ANGLE CONTROLLABLE DISPLAY APPARATUS	(87) FR2011000021
(21) EP15183338.1	(73) Coretronic Corporation	28.07.2011
(47) 26.08.2020	(72) FANG, Chong-Yang	(22) 14.01.2011
(22) 01.09.2015	WANG, Wen-Chun	(54) SOURCE OF POLARISATION-ENTANGLED PHOTON PAIRS AND FABRICATION METHOD THEREOF
(54) HEAD-MOUNTED DISPLAY HOSTING A SMARTPHONE FOR PROVIDING VIRTUAL REALITY ENVIRONMENT	(31) 105216211 U	(73) Centre National de la Recherche Scientifique
(73) Samsung Electronics Co., Ltd.	(32) 25.10.2016	(72) SENELLART, Pascale
(72) JO, Jae-Hong	(33) Taiwan, Province of China	DOUSSE, Adrien
HAN, Ji-Yeon	(51) G02F 1/1333	(31) 1000195
(31) 20140115421	(11) EP3401726	(32) 19.01.2010
	(21) EP18179069.2	(33) France
	(47) 26.08.2020	(51) G03B 3/10

H04N 5/225	(33) China	SANDIK, Pavel
(11) EP3561588	(51) G03F 1/64	(51) G03G 15/00
(21) EP17882596.4	(11) EP2455810	G03G 15/20
(47) 26.08.2020	(21) EP11009039.6	(11) EP3112943
(87) KR2017012646	(47) 26.08.2020	(21) EP16176927.8
28.06.2018	(22) 14.11.2011	(47) 26.08.2020
(22) 09.11.2017	(54) Method of adhering a lithographic pellicle	(22) 29.06.2016
(54) AUTOMATIC FOCUS ADJUSTMENT	and adhering apparatus therefor	(54) IMAGE FORMING APPARATUS, IMAGE
DEVICE HAVING ASYMMETRIC	(73) Shin-Etsu Chemical Co., Ltd.	FORMING SYSTEM AND FIXING
SUPPORT STRUCTURE	(72) Hamada, Yuichi	DEVICE
(73) Jahwa Electronics Co., Ltd.	(31) 2010259363	(73) Canon Kabushiki Kaisha
(72) KIM, Hee Seung	(32) 19.11.2010	(72) Nakama, Katsuya
KIM, In Soo	(33) Japan	Yamamoto, Satoru
(31) 20160174693	(51) G03F 7/00	Tsujibayashi, Masahiro
(32) 20.12.2016	G03F 7/20	Chiyoda, Yasuharu
(33) Korea (Republic)	H01L 21/00	Kikuchi, Nobuhiro
(51) G03B 9/64	H01L 21/67	(31) 2015132170
G03B 15/00	H01L 21/677	2015132171
G03B 17/02	H01L 21/683	2015132173
G06F 3/01	H01L 21/687	(32) 30.06.2015
G06F 3/03	(11) EP3557606	30.06.2015
H04N 5/225	(21) EP19169075.9	30.06.2015
H04N 5/232	(47) 26.08.2020	(33) Japan
(11) EP2966854	(22) 18.02.2010	Japan
(21) EP14759623.3	(54) METHOD OF CLAMPING A	Japan
(47) 26.08.2020	SUBSTRATE AND CLAMP	(51) G03G 15/00
(87) JP2014052728	PREPARATION UNIT	G03G 15/20
12.09.2014	(73) ASML Netherlands B.V.	(11) EP1843218
(22) 06.02.2014	(72) DE JONG, Hendrik Jan	(21) EP07101161.3
(54) IMAGING DEVICE, IMAGING METHOD	WIELAND, Marco Jan-Jaco	(47) 26.08.2020
AND PROGRAM	(31) 154411 P	(22) 25.01.2007
(73) NEC Corporation	0905786	(54) Apparatus and method for controlling
(72) ISHIZUKA Yukari	(32) 22.02.2009	power supplied to fixing unit
(31) 2013043821	03.04.2009	(73) Hewlett-Packard Development Company,
(32) 06.03.2013	(33) United States of America	L.P.
(33) Japan	United Kingdom	(72) Kim, Jin-ha
(51) G03B 17/00	(51) G03F 7/20	Kwon, Joong-gi
G03B 17/02	(11) EP3223073	Choi, Jong-moon
H04N 5/225	(21) EP17000433.7	(31) 20060030150
(11) EP3306907	(47) 26.08.2020	(32) 03.04.2006
(21) EP16807766.7	(22) 16.03.2017	(33) Korea (Republic)
(47) 26.08.2020	(54) HOLDING DEVICE, HOLDING	(51) G03G 15/01
(87) KR2016006030	METHOD, LITHOGRAPHY	(11) EP2810129
15.12.2016	APPARATUS, AND ARTICLE	(21) EP12867668.1
(22) 08.06.2016	MANUFACTURING METHOD	(47) 26.08.2020
(54) CAMERA MODULE	(73) CANON KABUSHIKI KAISHA	(87) JP2012084292
(73) LG Innotek Co., Ltd.	(72) Kawahara, Atsushi	08.08.2013
(72) AN, Myoung Jin	(31) 2016061983	(22) 27.12.2012
(31) 20150080414	(32) 25.03.2016	(54) IMAGE FORMING APPARATUS FOR
20160017308	(33) Japan	FORMING ELECTROSTATIC LATENT
(32) 08.06.2015	(51) G03G 9/08	IMAGE FOR CORRECTION
15.02.2016	G03G 9/12	(73) Canon Kabushiki Kaisha
(33) Korea (Republic)	G03G 9/125	(72) YAMASHITA, Kentaro
Korea (Republic)	G03G 9/13	YODA, Yasuo
(51) G03B 21/00	G03G 9/135	HIRAYAMA, Akinobu
G03B 21/14	(11) EP3411756	OHKUBO, Takateru
G03B 21/20	(21) EP16714447.6	WATANABE, Kenji
(11) EP3385786	(47) 26.08.2020	KUMADA, Hiromitsu
(21) EP18163679.6	(87) EP2016057512	KUBO, Yoshiko
(47) 26.08.2020	12.10.2017	HAGIWARA, Hiroshi
(22) 23.03.2018	(22) 06.04.2016	WATANABE, Shuhei
(54) PROJECTION APPARATUS	(54) LIQUID ELECTROPHOTOGRAPHIC	(31) 2012018641
(73) Coretronic Corporation	INKS	(32) 31.01.2012
(72) LIAO, TSUNG-HSIN	(73) HP INDIGO B.V.	(33) Japan
LU, CHUN-HSIN	(72) KOKOTOV, Michael	(51) G03G 15/04
CHEN, CHUN-LI	KATZ, Gregory	H01S 5/022
(31) 201710220559	GRINWALD, Yaron	(11) EP3147717
(32) 06.04.2017		(21) EP16187536.4

(47) 26.08.2020	(72) BRECHBÜHL, Jérémy	SOMERVILLE, John Matthew
(22) 07.09.2016	BELO, Vasco	NOLAN, Charles Julian
(54) LIGHT SOURCE DEVICE, OPTICAL SCANNING APPARATUS, AND IMAGE FORMING APPARATUS	HERRERA, Bruno	(51) G05B 9/02
(73) Canon Kabushiki Kaisha	VAN STRAATEN, Matthijs	G05B 23/02
(72) OBARA, Mitsuhiro	CHERVET, Bernard	(11) EP3508933
(31) 2015187133	(31) 12632017	(21) EP16918304.3
(32) 24.09.2015	(32) 16.10.2017	(47) 26.08.2020
(33) Japan	(33) Switzerland	(87) JP2016079796
(51) G03G 15/16	(51) G04D 7/00	12.04.2018
(11) EP3121657	G04D 7/12	(22) 06.10.2016
(21) EP16179632.1	(11) EP3511781	(54) TIME-SERIES DATA PROCESSING DEVICE
(47) 26.08.2020	(21) EP18151480.3	(73) Mitsubishi Electric Corporation
(22) 15.07.2016	(47) 26.08.2020	(72) IMAMURA, Makoto
(54) IMAGE FORMING APPARATUS	(22) 12.01.2018	NAKAMURA, Takaaki
(73) Kyocera Document Solutions Inc.	(54) DEVICE AND METHOD OF COLLECTING, DOCKETING, ANALYSING AS WELL AS PROVIDING THE RESULTS OF THE ANALYSIS OF DATA RELATING TO WATCH PIECES	HIRAI, Norio
(72) NAKAMURA, Satoru	(73) Richemont International S.A.	(51) G05B 9/03
SHIBUYA, Teppei	(72) Daguët, Léo	G05B 19/042
KUROKAWA, Ayaka	Humbert, Eric	(11) EP3428748
(31) 2015147046	Belhomme, Arthur	(21) EP17181169.8
(32) 24.07.2015	Renouard, Serge	(47) 26.08.2020
(33) Japan	(51) G04F 5/14	(22) 13.07.2017
(51) G04B 3/04	(11) EP3499322	(54) METHOD AND ASSEMBLY FOR OPERATING TWO REDUNDANT SYSTEMS
(11) EP3489760	(21) EP18206585.4	(73) Siemens Aktiengesellschaft
(21) EP17203115.5	(47) 26.08.2020	(72) Grosch, Thomas
(47) 26.08.2020	(22) 09.10.2017	Walter, Maximilian
(22) 22.11.2017	(54) ATOMIC CLOCK SYSTEM	(51) G05B 11/42
(54) TIMEPIECE CASE WITH PUSH BUTTON	(73) Northrop Grumman Systems Corporation	G05B 19/05
(73) Harry Winston SA	(72) Larsen, Michael	G05B 23/00
(72) BAEBLER, Jean	Walker, Thad	(11) EP2946252
BÜHLER, Johnny	(31) 201662406653 P	(21) EP13701343.9
(51) G04B 5/16	201715722595	(47) 26.08.2020
G04B 13/00	(32) 11.10.2016	(87) US2013021688
G04B 15/12	02.10.2017	24.07.2014
G04B 15/14	(33) United States of America	(22) 16.01.2013
G04B 17/28	United States of America	(54) AUTOMATED INPUT SIMULATION FOR SIMULATED PROGRAMMABLE LOGIC CONTROLLER
G04B 19/00	(51) G04F 10/00	(73) Siemens Aktiengesellschaft
G04B 21/06	H03L 7/08	(72) SOUTHERLAND, Derrick
G04B 23/06	(11) EP2972598	DONG, Yi
G04B 29/02	(21) EP14714891.0	KINGSLEY, Ryan
G04B 33/08	(47) 26.08.2020	CORNETT, James W.
G04B 35/00	(87) US2014024035	(51) G05B 15/02
(11) EP3232276	25.09.2014	(11) EP2950170
(21) EP17164654.0	(22) 12.03.2014	(21) EP15163847.5
(47) 26.08.2020	(54) MIXED SIGNAL TDC WITH EMBEDDED T2V ADC	(47) 26.08.2020
(22) 03.04.2017	(73) Qualcomm Incorporated	(22) 16.04.2015
(54) CLOCK MOVEMENT COMPONENT	(72) TANG, Yi	(54) METHOD FOR MANAGING THE OPERATION OF A BUILDING INSTALLATION
(73) Richemont International S.A.	SUN, Bo	(73) SOMFY ACTIVITES SA
(72) YOAKIM, Nicolas	(31) 201313842481	(72) Mignot, Pierre
BRUTTIN, Gregory	(32) 15.03.2013	Robin, Frédéric
(31) 4312016	(33) United States of America	(31) 1453727
(32) 01.04.2016	(51) G05B 9/02	(32) 25.04.2014
(33) Switzerland	G05B 15/02	(33) France
(51) G04B 17/06	(11) EP3324251	(51) G05B 15/02
G04B 17/34	(21) EP16306530.3	H04L 12/28
G04B 18/04	(47) 26.08.2020	(11) EP3403086
G04B 18/06	(22) 21.11.2016	(21) EP17739090.3
G04B 29/02	(54) METHOD FOR MANAGING ELECTRICAL SUPPLY OF A DEVICE AND SYSTEM FOR IMPLEMENTING SAID METHOD	(47) 26.08.2020
G04B 33/06	(73) Electricité de France	(87) US2017013533
(11) EP3470932	(72) AUGUSTIN, Bertrand	20.07.2017
(21) EP18198921.1	MANCEL, Florian	(22) 13.01.2017
(47) 26.08.2020		
(22) 05.10.2018		
(54) OSCILLATOR FOR A TIMEPIECE MOVEMENT		
(73) Richemont International S.A.		

- (54) SYSTEMS AND METHODS FOR MONITORING OBJECTS AND THEIR STATES BY USING ACOUSTIC SIGNALS  
(73) Google LLC  
(72) TANNENBAUM, Harry  
IRVINE, Benjamin  
SAYADI, Shayan  
SINGER, James, Vanhook  
(31) 201614997456  
201614997440  
(32) 15.01.2016  
15.01.2016  
(33) United States of America  
United States of America
- 
- (51) G05B 19/042  
(11) EP2196879  
(21) EP09178601.2  
(47) 26.08.2020  
(22) 10.12.2009  
(54) Operation method for a home automation system  
(73) SOMFY ACTIVITES SA  
(72) Duchene, Isabelle  
Marais, Luc  
Loiseau, Jean-Noël  
(31) 0806940  
(32) 10.12.2008  
(33) France
- 
- (51) G05B 19/042  
(11) EP2734901  
(21) EP12725945.5  
(47) 26.08.2020  
(87) US2012038586  
24.01.2013  
(22) 18.05.2012  
(54) HANDHELD FIELD MAINTENANCE TOOL WITH PROCESS COMMUNICATION TUNNEL  
(73) Fisher-Rosemount Systems, Inc.  
(72) ARMSTRONG, Stephen  
TOEPKE, Todd  
HOKENESS, Scott  
LATTIMER, Donald  
(31) 201113186872  
(32) 20.07.2011  
(33) United States of America
- 
- (51) G05B 19/042  
(11) EP3115854  
(21) EP15175814.1  
(47) 26.08.2020  
(22) 08.07.2015  
(54) UNIVERSAL INPUT / OUTPUT CIRCUIT  
(73) Siemens Schweiz AG  
(72) Stoll, Walter
- 
- (51) G05B 19/042  
(11) EP3172630  
(21) EP15747358.8  
(47) 26.08.2020  
(87) AT2015050170  
28.01.2016  
(22) 17.07.2015  
(54) FAULT-TOLERANT, SERVICEABLE AUTOMATION SYSTEM  
(73) TTTech Industrial Automation AG  
(72) KOPETZ, Hermann  
(31) 505062014  
(32) 22.07.2014
- (33) Austria  
(51) G05B 19/042  
G05B 19/418  
G06F 11/34  
(11) EP3361330  
(21) EP18154574.0  
(47) 26.08.2020  
(22) 01.02.2018  
(54) EVENT ANALYZING DEVICE, EVENT ANALYZING SYSTEM, EVENT ANALYZING METHOD, EVENT ANALYZING PROGRAM, AND NON-TRANSITORY COMPUTER READABLE STORAGE MEDIUM  
(73) Yokogawa Electric Corporation  
(72) LIU, Zhuo  
SAKURABA, Yuichi  
(31) 2017021434  
(32) 08.02.2017  
(33) Japan
- 
- (51) G05B 19/418  
H04L 12/24  
H04L 12/70  
H04L 12/715  
H04L 12/813  
H04L 12/819  
H04L 12/823  
(11) EP3501140  
(21) EP16778729.0  
(47) 26.08.2020  
(87) EP2016073247  
05.04.2018  
(22) 29.09.2016  
(54) METHOD FOR OPERATING AN INDUSTRIAL AUTOMATION SYSTEM COMPRISING A PLURALITY OF COMMUNICATION DEVICES, AND CONTROL UNIT  
(73) Siemens Aktiengesellschaft  
(72) SAKIC, Ermin
- 
- (51) G05B 19/418  
H04L 29/06  
H04L 29/08  
(11) EP3522482  
(21) EP18184095.0  
(47) 26.08.2020  
(22) 18.07.2018  
(54) METHOD FOR COMMUNICATING DATA IN AN INDUSTRIAL NETWORK, CONTROL METHOD, DEVICE, COMPUTER PROGRAM AND COMPUTER-READABLE MEDIUM  
(73) Siemens Aktiengesellschaft  
(72) Kießling, Marcel  
(31) 18154319  
(32) 31.01.2018  
(33) European Patent Office (EPO)
- 
- (51) G05B 23/02  
(11) EP2135144  
(21) EP08742146.7  
(47) 26.08.2020  
(87) US2008003642  
23.10.2008  
(22) 20.03.2008  
(54) MACHINE CONDITION MONITORING USING PATTERN RULES  
(73) Siemens Aktiengesellschaft
- (72) HACKSTEIN, Holger  
NEUBAUER, Claus  
YUAN, Chao  
(31) 911577 P  
77279  
(32) 13.04.2007  
18.03.2008  
(33) United States of America  
United States of America
- 
- (51) G05B 23/02  
(11) EP3098681  
(21) EP16160362.6  
(47) 26.08.2020  
(22) 15.03.2016  
(54) ARTIFICIAL INTELLIGENCE BASED HEALTH MANAGEMENT OF HOST SYSTEM  
(73) Tata Consultancy Services Limited  
(72) MOHAN, Sreeram  
RAO, Srinivasa Pallanti  
CHINDAM, Venkateshwar  
(31) 2066MU2015  
(32) 27.05.2015  
(33) India
- 
- (51) G05B 23/02  
G06F 11/00  
(11) EP3270249  
(21) EP16179758.4  
(47) 26.08.2020  
(22) 15.07.2016  
(54) METHOD AND APPARATUS FOR A COMPUTER-BASED GENERATION OF COMPONENT FAULT TREES  
(73) Siemens Aktiengesellschaft  
(72) Höfig, Kai  
Zeller, Marc
- 
- (51) G05D 1/00  
(11) EP3376328  
(21) EP18161037.9  
(47) 26.08.2020  
(22) 09.03.2018  
(54) METHOD FOR AUTOMATICALLY OPERATING A MOVING SOIL-WORKING IMPLEMENT  
(73) Vorwerk & Co. Interholding GmbH  
(72) Ortmann, Roman  
Isenberg, Gerhard  
(31) 102017105724  
(32) 16.03.2017  
(33) Germany
- 
- (51) G05D 1/02  
(11) EP3545379  
(21) EP17778195.2  
(47) 26.08.2020  
(87) EP2017073097  
31.05.2018  
(22) 14.09.2017  
(54) FLOOR TREATMENT MACHINE AND METHOD FOR TREATING FLOOR SURFACES  
(73) Cleanfix Reinigungssysteme AG  
(72) LAMON, Pierre  
FLÜCK, Roland  
(31) 15482016  
(32) 23.11.2016  
(33) Switzerland
- 
- (51) G05D 1/06

(11) EP3299924	(72) EZRA, Dean	(54) METHOD FOR PROVIDING CONTENTS
(21) EP17190574.8	DUXBURY, Robert	CORRESPONDING TO ACCESSORY
(47) 26.08.2020	(31) 201020177	DEVICES AND ELECTRONIC DEVICE
(22) 12.09.2017	(32) 29.11.2010	THEREOF
(54) ENHANCED TAKE-OFF SYSTEM	(33) United Kingdom	(73) Samsung Electronics Co., Ltd.
(73) Yaborã Indústria Aeronáutica S.A.	(51) G06F 1/16	(72) LEE, Jae-Wook
(72) De Tarso Ferreira, Daniel Paulo	G06F 3/0488	KIM, Jung-Hun
Kestenbach, Thomas	G06F 21/00	PARK, Seung Woo
Carneiro, Luiz Gustavo Medeiros	(11) EP3062208	RHEE, Young Ho
Guedes, Patrice London	(21) EP16157714.3	LEE, Kihuk
De Camargo Clark Reis, Jose Roberto	(47) 26.08.2020	CHEONG, Cheolho
Ferreira	(22) 26.02.2016	HEO, Chang-Ryong
(31) 201615273986	(54) ELECTRONIC DEVICE AND CONTROL	HWANG, Hochul
(32) 23.09.2016	METHOD THEREOF	(31) 20170042286
(33) United States of America	(73) Samsung Electronics Co., Ltd.	(32) 31.03.2017
(51) G05F 1/10	(72) Lee, Jae Wook	(33) Korea (Republic)
G05F 3/30	Cho, An Ki	(51) G06F 1/26
(11) EP2414905	Cho, Jun Hyung	(11) EP2774017
(21) EP10759208.1	(31) 20150028700	(21) EP12780917.6
(47) 26.08.2020	(32) 28.02.2015	(47) 26.08.2020
(87) US2010027977	(33) Korea (Republic)	(87) US2012055973
07.10.2010	(51) G06F 1/16	10.05.2013
(22) 19.03.2010	G09F 19/00	(22) 19.09.2012
(54) METHOD AND CIRCUIT FOR LOW	H04M 1/02	(54) DEVICE CHARGING OVER USB USING
POWER VOLTAGE REFERENCE AND	(11) EP3451638	A PLURALITY OF HANDSHAKES
BIAS CURRENT GENERATOR	(21) EP18202349.9	(73) SMSC Holdings S.à.r.l.
(73) Analog Devices, Inc.	(47) 26.08.2020	(72) GHOSH, Atish
(72) MARINCA, Stefan	(22) 29.05.2013	KALIBAT, Matthew
(31) 415606	(54) DISPLAY SYSTEM HAVING A	(31) 201113285202
(32) 31.03.2009	CONTINUOUS FLEXIBLE DISPLAY	(32) 31.10.2011
(33) United States of America	WITH DISPLAY SUPPORTS	(33) United States of America
(51) G06F 1/16	(73) Samsung Electronics Co., Ltd.	(51) G06F 1/28
G06F 3/01	(72) WALTERS, Michael Johannes Anna	G06F 1/30
H04M 1/00	Maria	G06F 11/07
H04M 1/02	VAN DEN TILLAAR, Han	H04Q 9/00
H04M 1/725	VERSCHOOR, Volker Barnhart	(11) EP3236667
H04N 5/232	VAN DIJK, Robert Sjang Josine	(21) EP14908451.9
H04N 5/262	VAN LIESHOUT, Pieter	(47) 26.08.2020
H04W 12/06	(31) 201213532633	(87) JP2014083665
(11) EP2999208	(32) 25.06.2012	23.06.2016
(21) EP15185360.3	(33) United States of America	(22) 19.12.2014
(47) 26.08.2020	(51) G06F 1/16	(54) ELECTRONIC DEVICE AND METHOD
(22) 15.09.2015	H04M 1/02	(73) Kabushiki Kaisha Toshiba
(54) MOBILE TERMINAL AND	G06F 3/0488	(72) TSUJI, Tadashi
CONTROLLING METHOD THEREOF	(11) EP3547101	(51) G06F 3/01
(73) LG Electronics Inc.	(21) EP19165524.0	(11) EP3163407
(72) LEE, Seojin	(47) 26.08.2020	(21) EP16192897.3
KIM, Samsick	(22) 27.03.2019	(47) 26.08.2020
YU, Donghwan	(54) ELECTRONIC DEVICE WITH MOVABLE	(22) 07.10.2016
(31) 20140125114	FLEXIBLE DISPLAY AND OPERATING	(54) METHOD AND APPARATUS FOR
(32) 19.09.2014	METHOD THEREOF	ALERTING TO HEAD MOUNTED
(33) Korea (Republic)	(73) Samsung Electronics Co., Ltd.	DISPLAY USER
(51) G06F 1/16	(72) SHIN, Jaeyoung	(73) Samsung Electronics Co., Ltd.
G06F 3/041	BAEK, Moohyun	(72) ROCHFORD, Ciaran
G06F 3/14	CHUN, Youngsoo	HARSCOET, Philippe
G06F 3/048	CHOI, Seungmin	(31) 201514927309
G06F 3/0481	YOON, Byounguk	20160032288
G06F 3/0484	LEE, Soyoung	(32) 29.10.2015
G06F 3/0488	(31) 20180035383	17.03.2016
(11) EP2606419	(32) 27.03.2018	(33) United States of America
(21) EP11844781.2	(33) Korea (Republic)	Korea (Republic)
(47) 26.08.2020	(51) G06F 1/16	(51) G06F 3/01
(87) JP2011073469	H04M 1/725	G06F 3/041
07.06.2012	G06F 21/73	G06F 3/0346
(22) 05.10.2011	(11) EP3383010	G06F 3/038
(54) TOUCH-SENSITIVE ELECTRONIC	(21) EP18164966.6	G06F 3/0488
DEVICE	(47) 26.08.2020	(11) EP2829954
(73) NEC Corporation	(22) 29.03.2018	(21) EP13763781.5

(47) 26.08.2020	(22) 05.02.2014	(32) 28.10.2015
(87) JP2013057454	(54) ADAPTIVE SENSOR SAMPLING FOR	(33) Japan
26.09.2013	POWER EFFICIENT CONTEXT AWARE	
(22) 15.03.2013	INFERENCES	(51) G06F 3/041
(54) INFORMATION TERMINAL, METHOD	(73) Qualcomm Incorporated	G06F 3/043
FOR CONTROLLING INPUT	(72) GROKOP, Leonard Henry	(11) EP3295286
ACCEPTANCE, AND PROGRAM FOR	SADASIVAM, Shankar	(21) EP16803661.4
CONTROLLING INPUT ACCEPTANCE	(31) 201313782989	(47) 26.08.2020
(73) NTT Docomo, Inc.	(32) 01.03.2013	(87) KR2016005482
(72) YAMAZAKI Shunsaku	(33) United States of America	08.12.2016
YAMAZAKI Yuika		(22) 01.06.2016
OTA Tomohiro	(51) G06F 3/02	(54) TOUCH SCREEN APPARATUS AND
SHIMOSAKA Tomoki	G07F 7/10	CONTROL METHOD THEREOF
(31) 2012067288	G07F 19/00	(73) Samsung Electronics Co., Ltd.
(32) 23.03.2012	H01H 13/00	(72) CHOI, Sung-do
(33) Japan	(11) EP3289437	YOO, Jae-hyeon
(51) G06F 3/01	(21) EP16723270.1	(31) 201562169783 P
G06F 3/041	(47) 26.08.2020	20150105136
G09B 21/00	(87) EP2016059448	(32) 02.06.2015
H01F 7/122	03.11.2016	24.07.2015
H01F 7/16	(22) 27.04.2016	(33) United States of America
(11) EP3507815	(54) DETECTION OF THE OPENING OF A	Korea (Republic)
(21) EP17761926.9	DATA INPUT DEVICE	(51) G06F 3/041
(47) 26.08.2020	(73) Ingenico Group	G06F 3/044
(87) IB2017055124	(72) ANDRE, Jérôme	(11) EP3125084
08.03.2018	ROSSIGNOL, Michel	(21) EP16181288.8
(22) 25.08.2017	BERTHIAUD, Michel	(47) 26.08.2020
(54) BI-STABLE ACTUATOR BASED ON	(31) 1553778	(22) 26.07.2016
ELECTROMAGNETIC ATTRACTION	(32) 27.04.2015	(54) TOUCH INPUT DEVICE INCLUDING
(73) Fondazione Istituto Italiano di Tecnologia	(33) France	DISPLAY MODULE FORMED WITH
(72) BERTORA, Franco	(51) G06F 3/033	PRESSURE SENSING ELECTRODE
BRAYDA, Luca	G06F 3/048	AND PRESSURE SENSING
SANDINI, Giulio	G06F 3/0488	ELECTRODE FORMING METHOD
(31) 201600088204	(11) EP2718794	(73) HiDeep Inc.
(32) 30.08.2016	(21) EP12727533.7	(72) Kim, Taehwan
(33) Italy	(47) 26.08.2020	Yoon, Sangsic
(51) G06F 3/01	(87) US2012040920	(31) 20150106984
G06F 3/041	13.12.2012	(32) 29.07.2015
H01L 41/047	(22) 05.06.2012	(33) Korea (Republic)
H01L 41/08	(54) DEVICES, METHODS, AND	(51) G06F 3/041
H01L 41/193	GRAPHICAL USER INTERFACES FOR	G06F 3/044
(11) EP3316079	PROVIDING CONTROL OF A TOUCH-	G06F 1/3231
(21) EP17198264.8	BASED USER INTERFACE ABSENT	G06F 1/3234
(47) 26.08.2020	PHYSICAL TOUCH CAPABILITIES	(11) EP3358452
(22) 25.10.2017	(73) Apple Inc.	(21) EP18153852.1
(54) TOUCH SENSITIVE ELEMENT AND	(72) FLEIZACH, Christopher, Brian	(47) 26.08.2020
DISPLAY DEVICE INCLUDING THE	SEYMOUR, Eric, Taylor	(22) 29.01.2018
SAME	CRAIG, James, P.	(54) CAPACITIVE TOUCH SENSE UNIT
(73) LG Display Co., Ltd.	(31) 201161493495 P	COMPUTATION POWER REDUCTION
(72) LEE, YongWoo	201113217654	USING KEYPAD ELECTRODES
HAM, YongSu	(32) 05.06.2011	CROSSTALK
KIM, TaeHeon	25.08.2011	(73) NXP USA, Inc.
RYU, KyungYeol	(33) United States of America	(72) Cholasta, Petr
KHO, YuSeon	United States of America	(31) 201715421601
LIM, MyungJin		(32) 01.02.2017
CHOI, SeulGi	(51) G06F 3/041	(33) United States of America
(31) 20160143740	G06F 3/038	(51) G06F 3/041
(32) 31.10.2016	G06F 3/0354	G06F 3/044
(33) Korea (Republic)	G06F 3/038	G06F 3/046
(51) G06F 3/01	(11) EP3370135	G06F 3/0354
H04M 1/725	(21) EP16859389.5	(11) EP2474887
G06F 1/32	(47) 26.08.2020	(21) EP12150182.9
G06F 1/3287	(87) JP2016074942	(47) 26.08.2020
(11) EP2962171	04.05.2017	(22) 04.01.2012
(21) EP14707017.1	(22) 26.08.2016	(54) Methods and apparatus for correcting
(47) 26.08.2020	(54) OPERATION DEVICE	input error in input apparatus
(87) US2014014963	(73) Alps Alpine Co., Ltd.	(73) Samsung Electronics Co., Ltd.
04.09.2014	(72) WAKUDA, Hiroshi	(72) Kim, Gwan-Hyung
	HIRATSUKA, Kazuhiko	Lee, Joo-Hoon
	(31) 2015211560	



(31) 20110000860	MASON, James P.	(33) United States of America
(32) 05.01.2011	YEE, Jadine, N.	United States of America
(33) Korea (Republic)	(31) 861566	United States of America
(51) G06F 3/041	353577 P	(51) G06F 3/0484
G06F 3/044	(32) 23.08.2010	G06F 3/0486
H01L 27/32	10.06.2010	G06F 3/0488
H01L 51/50	(33) United States of America	(11) EP2635954
H05B 33/02	United States of America	(21) EP11834833.3
F21V 23/00	(51) G06F 3/048	(47) 26.08.2020
F21S 2/00	G16H 20/40	(87) US2011054510
F21Y 105/00	(11) EP3119345	26.04.2012
G09G 3/3225	(21) EP15765014.4	(22) 02.10.2011
H05B 33/08	(47) 26.08.2020	(54) NOTIFICATION GROUP TOUCH
(11) EP3154315	(87) US2015022093	GESTURE DISMISSAL TECHNIQUES
(21) EP14893952.3	24.09.2015	(73) Microsoft Technology Licensing, LLC
(47) 26.08.2020	(22) 23.03.2015	(72) WORLEY, Matthew Isaac
(87) JP2014074713	(54) DENTAL LASER INTERFACE SYSTEM	WONG, Tsz Yan
10.12.2015	AND METHOD	OSMAN, Heiwad Hamidy
(22) 18.09.2014	(73) Biolase, Inc.	(31) 910665
(54) ORGANIC ELECTROLUMINESCENCE	(72) PATTON, Douglas	(32) 22.10.2010
MODULE, SMART DEVICE, AND	BOUTOUSSOV, Dmitri	(33) United States of America
ILLUMINATION DEVICE	WALINSKI, Christopher, J.	(51) G06F 3/0485
(73) Konica Minolta, Inc.	JACKSON, Richard	(11) EP3252587
(72) OMATA, Kazuyoshi	(31) 201461968632 P	(21) EP16172751.6
YAGI, Tsukasa	(32) 21.03.2014	(47) 26.08.2020
SHIDA, Kuniaki	(33) United States of America	(22) 02.06.2016
(31) 2014117598	(51) G06F 3/0481	(54) METHOD AND SYSTEM FOR
(32) 06.06.2014	G06F 3/0482	SCROLLING VISUAL PAGE CONTENT
(33) Japan	G06F 3/0484	(73) Unify Patente GmbH & Co. KG
(51) G06F 3/041	G06F 3/0488	(72) Giannopoulos, Theodoros
H01L 27/32	F24F 11/30	Giatalis, Vasileios
H01L 51/00	F24F 110/10	Pappas, Lampros
(11) EP3201958	(11) EP3184919	(51) G06F 3/0488
(21) EP14903117.1	(21) EP16206109.7	(11) EP3278206
(47) 26.08.2020	(47) 26.08.2020	(21) EP16718389.6
(87) US2014058100	(22) 22.12.2016	(47) 26.08.2020
07.04.2016	(54) INPUT DEVICE AND AIR	(87) FR2016000061
(22) 29.09.2014	CONDITIONER INCLUDING THE SAME	06.10.2016
(54) FLEXIBLE DISPLAY DEVICE WITH	(73) LG ELECTRONICS INC.	(22) 30.03.2016
REDUCED BEND STRESS WIRES	(72) LEE, Hongku	(54) METHOD OF SELECTING AN
(73) LG Display Co., Ltd.	(31) 20150184711	ELEMENT FROM AMONG A GROUP
(72) ZHANG, Zhen	(32) 23.12.2015	OF ELEMENTS DISPLAYABLE ON A
DRZAIC, Paul, Stephen	(33) Korea (Republic)	SMALL INPUT SURFACE
KWON, Seyeoul	(51) G06F 3/0484	(73) Provost, Eric
YOUN, Sangcheon	G06F 3/0486	(72) Provost, Eric
YANG, Heeseok	G06F 3/0488	(31) 1500673
LEE, Chanwoo	(11) EP3491507	(32) 02.04.2015
JO, Soyoung	(21) EP17780946.4	(33) France
HA, Anna	(47) 26.08.2020	(51) G06F 3/0488
KIM, Dongyoon	(87) US2017053038	(11) EP3244296
LEE, Saemleenuri	29.03.2018	(21) EP17158104.4
CHO, Yoondong	(22) 22.09.2017	(47) 26.08.2020
(51) G06F 3/048	(54) DEVICES, METHODS, AND USER	(22) 04.03.2009
(11) EP2580648	INTERFACES FOR INTERACTING	(54) TOUCH EVENT MODEL
(21) EP11710925.6	WITH USER INTERFACE OBJECTS VIA	(73) Apple Inc.
(47) 26.08.2020	PROXIMITY-BASED AND CONTACT-	(72) PLATZER, Andrew
(87) US2011026830	BASED INPUTS	BEAVER, Jason Clay
15.12.2011	(73) Apple Inc.	(31) 42318
(22) 02.03.2011	(72) HAUENSTEIN, Mark, K.	(32) 04.03.2008
(54) AUTO-MORPHING ADAPTIVE USER	BERNSTEIN, Jeffrey, T.	(33) United States of America
INTERFACE DEVICE AND METHODS	MISSIG, Julian	(51) G06F 3/0488
(73) Qualcomm Incorporated	BEREZA, Marek, A.	G06F 9/451
(72) JOLLIFF, Maria, Romera	(31) 201662399239 P	(11) EP2354930
MOMEYER, Brian	201762506502 P	(21) EP11152015.1
FORUTANPOUR, Babak	201715712092	(47) 26.08.2020
YAMAKAWA, Devender	(32) 23.09.2016	(22) 25.01.2011
HORODEZKY, Samuel, J.	15.05.2017	
KIES, Jonathan	21.09.2017	

(54) Gesture recognizers with delegates for controlling and modifying gesture recognition	(47) 26.08.2020	201261712684 P
(73) Apple Inc.	(22) 02.05.2014	(32) 21.02.2012
(72) Shaffer Joshua H. Moore Bradford Allen Beaver Jason Clay	(54) Image forming apparatus and method for guidance on operation method by image forming apparatus	11.10.2012
(31) 298531 P 789695	(73) Konica Minolta, Inc.	(33) United States of America United States of America
(32) 26.01.2010 28.05.2010	(72) Ueda, Hiroki Fukuoka, Kaoru Atsumi, Tomoyuki Hosono, Masao Oikawa, Takashi Kitaguchi, Tatsuya	(51) G06F 3/147 G09G 5/391 H04N 19/129 H04N 19/154 H04N 19/167 H04N 19/182
(33) United States of America United States of America	(31) 2013099258	(11) EP3607544
(51) G06F 3/06 G06F 11/00 G06F 11/14 G06F 11/16 G06F 11/20	(32) 09.05.2013	(21) EP18723619.5
(11) EP3025232	(33) Japan	(47) 26.08.2020
(21) EP14829218.8	(51) G06F 3/12 G06K 15/02	(87) US2018027522 17.01.2019
(47) 26.08.2020	(11) EP3182273	(22) 13.04.2018
(87) US2014047915 29.01.2015	(21) EP16203654.5	(54) FOVEATED COMPRESSION OF DISPLAY STREAMS
(22) 23.07.2014	(47) 26.08.2020	(73) Google LLC
(54) AUTOMATIC RAID MIRRORING WHEN ADDING A SECOND BOOT DRIVE	(22) 13.12.2016	(72) BASTANI, Behnam VIERI, Carlin JIANG, Haomiao
(73) Western Digital Technologies, Inc.	(54) METHOD OF CONVERTING IMAGE DATA	(31) 201715649047
(72) LUDWIG, Thomas E. MARONEY, John E.	(73) Canon Production Printing Netherlands B.V.	(32) 13.07.2017
(31) 201361858095 P 201314010458	(72) LUIJTEN, Christian HERMANS, Frank TERWELLEN, Christian DRAGOMIR, Oana	(33) United States of America
(32) 24.07.2013 26.08.2013	(31) 15201379	(51) G06F 7/00 G06F 7/72 H04L 9/30 H04L 9/32
(33) United States of America United States of America	(32) 18.12.2015	(11) EP2798773
(51) G06F 3/06 G06F 11/14 G06F 21/60 G06F 16/174	(33) European Patent Office (EPO)	(21) EP11878427.1
(11) EP3564844	(51) G06F 3/12 G07G 1/14 H04N 1/00 G06Q 20/20	(47) 26.08.2020
(21) EP19162092.1	(11) EP2800000	(87) CA2011050810 04.07.2013
(47) 26.08.2020	(21) EP13870266.7	(22) 28.12.2011
(22) 05.06.2015	(47) 26.08.2020	(54) GENERATING DIGITAL SIGNATURES
(54) DATA DEDUPLICATION METHOD AND APPARATUS	(87) JP2013007633 10.07.2014	(73) BlackBerry Limited
(73) Huawei Technologies Co., Ltd.	(22) 26.12.2013	(72) BROWN, Daniel Richard L. ANTIPA, Adrian
(72) LI, Yuguo YOU, Jun ZHANG, Zongquan	(54) DEVICE CONTROL SYSTEM AND METHOD FOR CONTROLLING DEVICE CONTROL SYSTEM	(51) G06F 7/48 G09C 1/00 H04L 9/08 H04L 9/32 G06F 21/31 G06F 21/44 G06F 21/64
(31) 201410475287	(73) Seiko Epson Corporation	(11) EP3407534
(32) 17.09.2014	(72) TAKASU, Kazuhiro TSUTSUMI, Koichiro IKEDA, Shigeo	(21) EP17741202.0
(33) China	(31) 201361748232 P	(47) 26.08.2020
(51) G06F 3/12	(32) 02.01.2013	(87) JP2017000105 27.07.2017
(11) EP3091430	(33) United States of America	(22) 05.01.2017
(21) EP16163508.1	(51) G06F 3/12 H04W 4/80	(54) IN-CAR COMPUTER SYSTEM, VEHICLE, KEY GENERATION DEVICE, MANAGEMENT METHOD, KEY GENERATION METHOD, AND COMPUTER PROGRAM
(47) 26.08.2020	(11) EP2817708	(73) KDDI Corporation
(22) 01.04.2016	(21) EP13710144.0	(72) TAKEMORI Keisuke MIZOGUCHI Seiichiro KAWABATA Hideaki KUBOTA Ayumu
(54) PRINTER	(47) 26.08.2020	(31) 2016007432 2016150269
(73) Riso Kagaku Corporation	(87) US2013027164 29.08.2013	(32) 18.01.2016
(72) Hamayama, Shingo	(22) 21.02.2013	(29.07.2016
(31) 2015095371	(54) METHOD AND APPARATUS FOR IMPLEMENTING NEAR FIELD COMMUNICATIONS WITH A PRINTER	(33) Japan
(32) 08.05.2015	(73) Zebra Technologies Corporation	
(33) Japan	(72) FEIN, Michael LODWIG, Dean H. SAYAD, Joseph Sargon	
(51) G06F 3/12 G06K 15/00 H04N 1/00	(31) 201261601496 P	
(11) EP2802136		
(21) EP14166846.7		

Japan	VALIDATION OF THE SUCCESSOR	(21) EP13154176.5
(51) G06F 7/72	VERSION	(47) 26.08.2020
H04K 1/00	(73) Microsoft Technology Licensing, LLC	(22) 06.02.2013
H04L 9/00	(72) KHANDELWAL, Vaibhav	(54) INFORMATION PROCESSING
G06F 21/72	REMICK, Brian	APPARATUS AND INFORMATION
(11) EP2974094	ABARAOHA, Kacey	PROCESSING METHOD
(21) EP14768235.5	(31) 201213528860	(73) FUJITSU LIMITED
(47) 26.08.2020	(32) 21.06.2012	(72) Ito, Hidenobu
(87) US2014015927	(33) United States of America	Nimura, Kazuaki
25.09.2014	(51) G06F 9/06	Nakamura, Yosuke
(22) 12.02.2014	G06F 9/46	(31) 2012124554
(54) ASYMMETRICALLY MASKED	G06F 9/48	(32) 31.05.2012
MULTIPLICATION	G06F 15/80	(33) Japan
(73) Cryptography Research Inc.	G06F 12/10	(51) G06F 9/50
(72) JAFFE, Joshua, M.	G06F 9/38	H04L 12/24
(31) 201313835402	(11) EP2831721	H04L 12/26
(32) 15.03.2013	(21) EP12873375.5	H04L 29/08
(33) United States of America	(47) 26.08.2020	G06F 9/455
(51) G06F 8/41	(87) US2012031681	(11) EP3288239
G06F 9/4401	03.10.2013	(21) EP15892414.2
G06F 9/445	(22) 30.03.2012	(47) 26.08.2020
(11) EP2966566	(54) CONTEXT SWITCHING MECHANISM	(87) CN2015093112
(21) EP14880377.8	FOR A PROCESSING CORE HAVING A	24.11.2016
(47) 26.08.2020	GENERAL PURPOSE CPU CORE AND	(22) 28.10.2015
(87) CN2014090101	A TIGHTLY COUPLED ACCELERATOR	(54) SERVICE AVAILABILITY
05.11.2015	(73) Intel Corporation	MANAGEMENT METHOD AND
(22) 31.10.2014	(72) RONEN, Ronny	APPARATUS, AND NETWORK
(54) DRIVER PROGRAM LOADING	WEISSMANN, Eliezer	FUNCTION VIRTUALIZATION
METHOD AND EMBEDDED DEVICE	GINZBURG, Boris	INFRASTRUCTURE THEREOF
(73) Huawei Technologies Co. Ltd.	VAITHIANATHAN, Karthikeyan Karthik	(73) Huawei Technologies Co., Ltd.
(72) WANG, Daneng	COHEN, Ehud	(72) CHEN, Mingxiang
ZHONG, Guanghua	(51) G06F 9/445	GONG, Xuewen
YUAN, Fang	(11) EP3256944	NI, Shaoji
(31) 201410182979	(21) EP16708524.0	(31) 201510250878
(32) 30.04.2014	(47) 26.08.2020	(32) 15.05.2015
(33) China	(87) US2016017424	(33) China
(51) G06F 8/61	18.08.2016	(51) G06F 9/54
(11) EP3286648	(22) 10.02.2016	H04L 12/24
(21) EP16890079.3	(54) MODULAR CO-VERSIONING IN A	H04L 29/06
(47) 26.08.2020	DYNAMICALLY LINKED RUNTIME	H04L 29/08
(87) US2016029783	ENVIRONMENT	(11) EP3525421
17.08.2017	(73) Oracle International Corporation	(21) EP19155790.9
(22) 28.04.2016	(72) GOETZ, Brian	(47) 26.08.2020
(54) ASSEMBLING OPERATING SYSTEM	SANDOZ, Paul D.	(22) 06.02.2019
VOLUMES	(31) 201514622639	(54) DATA TRANSMISSION METHOD AND
(73) Hewlett Packard Enterprise Development	(32) 13.02.2015	APPARATUS
LP	(33) United States of America	(73) Huawei Technologies Co., Ltd.
(72) S S, Harish	(51) G06F 9/46	(72) Li, Xianming
D R, Niranjana	G06F 13/16	(31) 201810121338
C, Manasa	G06F 9/30	(32) 07.02.2018
V, Badriprasad	G06F 9/38	(33) China
N, Jyothi	(11) EP2875427	(51) G06F 11/00
V D, Uma Shankar	(21) EP13885974.9	G06F 1/32
REVANAKI, Santosh Ishwar	(47) 26.08.2020	(11) EP2985674
(31) 201641005072	(87) US2013043224	(21) EP13889111.4
(32) 12.02.2016	04.12.2014	(47) 26.08.2020
(33) India	(22) 30.05.2013	(87) JP2013068892
(51) G06F 8/656	(54) ALLOCATION OF ALIAS REGISTERS IN	15.01.2015
(11) EP2864873	A PIPELINED SCHEDULE	(22) 10.07.2013
(21) EP13732761.5	(73) Intel Corporation	(54) INFORMATION PROCESSING
(47) 26.08.2020	(72) RONG, Hongbo	SYSTEM, INFORMATION
(87) US2013045530	WANG, Cheng	PROCESSING DEVICE, INFORMATION
27.12.2013	PARK, Hyunchul	PROCESSING PROGRAM, AND
(22) 13.06.2013	WU, Youfeng	METHOD FOR CONTROLLING
(54) AUTO-UPDATE WHILE RUNNING A	(51) G06F 9/50	OPERATION MODE
CLIENT SOFTWARE APPLICATION	G06F 21/51	(73) Nintendo Co., Ltd.
WITH UPDATE HANDSHAKE	G06F 21/62	(72) KAWAI, Yozo
BETWEEN VERSIONS AND RUNTIME	(11) EP2669838	OIRA, Munehito

YASUDA, Shumpei	03.05.2016	(54) EXPEDITED SUB-RESOURCE
HORII, Yu	(33) United States of America	LOADING
FUKUDA, Takahiro	United States of America	(73) Fastly Inc.
TRAN, David	(51) G06F 11/20	(72) SOUDERS, Steven
BORISOV, Eugene	H04L 29/08	(31) 201514741631
HOPKINS, Joel	H04L 29/14	(32) 17.06.2015
(51) G06F 11/07	G06F 16/27	(33) United States of America
G06F 11/34	(11) EP3355555	(51) G06F 12/14
(11) EP2690559	(21) EP17153772.3	G11C 7/24
(21) EP12760970.9	(47) 26.08.2020	G11C 11/00
(47) 26.08.2020	(22) 30.01.2017	G11C 13/00
(87) JP2012058033	(54) METHOD FOR AN IMPROVED	G11C 15/04
27.09.2012	PROCESSING OF NETWORK	H04L 9/14
(22) 21.03.2012	COMMUNICATION BETWEEN	H04L 9/30
(54) OPERATION ADMINISTRATION	A TELECOMMUNICATIONS	(11) EP3304561
SYSTEM, OPERATION	NETWORK AND AT LEAST ONE	(21) EP15894493.4
ADMINISTRATION METHOD, AND	USER EQUIPMENT IN A DATABASE	(47) 26.08.2020
PROGRAM	EMERGENCY SITUATION WITHIN THE	(87) US2015052913
(73) NEC Corporation	TELECOMMUNICATIONS NETWORK,	08.12.2016
(72) NONOGAKI, Yosuke	SYSTEM, PROGRAM AND COMPUTER	(22) 29.09.2015
(31) 2011064603	PROGRAM PRODUCT	(54) MEMORY CIRCUIT USING RESISTIVE
(32) 23.03.2011	(73) Deutsche Telekom AG	RANDOM ACCESS MEMORY ARRAYS
(33) Japan	(72) SALEM, Tarek	IN A SECURE ELEMENT
(51) G06F 11/07	KOZOREV, Evgeni	(73) Cambou, Bertrand, F.
G06F 11/34	(51) G06F 11/30	(72) Cambou, Bertrand, F.
G06Q 10/02	H04L 29/06	(31) 201562169957 P
(11) EP2490126	G06F 21/55	(32) 02.06.2015
(21) EP10823495.6	G06F 21/56	(33) United States of America
(47) 26.08.2020	(11) EP3055808	(51) G06F 13/00
(87) JP2010068527	(21) EP14852166.9	G06F 13/14
21.04.2011	(47) 26.08.2020	G06F 13/38
(22) 13.10.2010	(87) US2014055660	G06F 13/42
(54) SYSTEM OPERATION MANAGEMENT	16.04.2015	(11) EP3400531
DEVICE, SYSTEM OPERATION	(22) 15.09.2014	(21) EP17736534.3
MANAGEMENT METHOD, AND	(54) EVENT MODEL FOR CORRELATING	(47) 26.08.2020
PROGRAM STORAGE MEDIUM	SYSTEM COMPONENT STATES	(87) US2017012774
(73) NEC Corporation	(73) Crowdstrike, Inc.	13.07.2017
(72) KATO, Kiyoshi	(72) MARTIN, Daniel T.	(22) 09.01.2017
(31) 2009238747	DIEHL, David F.	(54) SECONDARY BUS COMMUNICATION
(32) 15.10.2009	(31) 201314048920	BETWEEN DEVICES IN AN
(33) Japan	(32) 08.10.2013	AUTOMATED TRANSACTION
(51) G06F 11/10	(33) United States of America	MACHINE
(11) EP2605140	(51) G06F 12/02	(73) Crane Payment Innovations, Inc.
(21) EP13000066.4	G06F 12/14	(72) OSBORNE, Martin William
(47) 26.08.2020	G06F 12/1027	(31) 201662276748 P
(22) 20.11.2008	(11) EP3268866	(32) 08.01.2016
(54) Parallel Reed-Solomon RAID (RS-RAID)	(21) EP15895809.0	(33) United States of America
Architecture, Device, and Method	(47) 26.08.2020	(51) G06F 13/00
(73) Marvell Asia Pte, Ltd.	(87) US2015036438	G06F 16/958
(72) Pruthi, Arvind	22.12.2016	(11) EP3486790
(31) 989670 P	(22) 18.06.2015	(21) EP18199186.0
(32) 21.11.2007	(54) TRANSMITTING CONTENTS OF AN	(47) 26.08.2020
(33) United States of America	OPERATION FIELD TO A MEDIA	(22) 26.02.2008
(51) G06F 11/14	CONTROLLER	(54) DOWNLOAD CONTROL DEVICE
(11) EP3236358	(73) Hewlett Packard Enterprise Development	(73) Maxell, Ltd.
(21) EP17156950.2	LP	(72) KOREEDA, Hiroyuki
(47) 26.08.2020	(72) LESARTRE, Gregg B.	MIO, Satoshi
(22) 20.02.2017	SHERLOCK, Derek Alan	(31) 2007111200
(54) DATA BACKUP AND CHARGING	HERRELL, Russ W.	(32) 20.04.2007
DEVICE FOR COMMUNICATION	(51) G06F 12/06	(33) Japan
DEVICES	H04L 29/08	(51) G06F 13/10
(73) Ben David, Lior	G06F 12/0862	G06F 13/24
Israeli, Chai	(11) EP3311278	(11) EP3123322
(72) Ben David, Lior	(21) EP16812074.9	(21) EP15769531.3
Israeli, Chai	(47) 26.08.2020	(47) 26.08.2020
(31) 201662325481 P	(87) US2016021308	(87) US2015018914
201662330889 P	22.12.2016	01.10.2015
(32) 21.04.2016	(22) 08.03.2016	(22) 05.03.2015

(54) VIRTUAL GENERAL-PURPOSE I/O CONTROLLER	(22) 25.02.2016	H04L 29/12
(73) Intel Corporation	(54) TECHNOLOGIES FOR IMPROVED HYBRID SLEEP POWER MANAGEMENT	(11) EP2941716
(72) ADAMS, Nicholas J.	(73) Intel Corporation	(21) EP14735319.7
GOUGH, Robert E.	(72) ADAMS, Nicholas J.	(47) 26.08.2020
PAITHARA BALAGANGADHARA, Sai Prasad	BJORGE, Erik C.	(87) US2014010023
DUTTA, Pronay	MUDUSURU, Giri P.	10.07.2014
(31) 201414227735	(31) 201514670939	(22) 02.01.2014
(32) 27.03.2014	(32) 27.03.2015	(54) SYSTEMS AND METHODS FOR PROVIDING A RENAT COMMUNICATIONS ENVIRONMENT
(33) United States of America	(33) United States of America	(73) Skycasters, LLC
(51) G06F 13/10	(51) G06F 13/28	(72) MCKINNEY, Jack, Dennis
G06F 13/40	H04L 12/723	MCKINNEY, Richard Lee
G06F 8/65	H04L 12/931	(31) 201361748248 P
G06F 9/445	G06F 12/10	(32) 02.01.2013
(11) EP3360049	(11) EP2801914	(33) United States of America
(21) EP17753500.2	(21) EP14167802.9	(51) G06F 15/173
(47) 26.08.2020	(47) 26.08.2020	H04L 12/24
(87) KR2017001748	(22) 09.05.2014	H04L 12/26
24.08.2017	(54) Method and device for broadcasting data to multiple hardware forwarding engines	(11) EP3281120
(22) 17.02.2017	(73) Arista Networks, Inc.	(21) EP16777157.5
(54) DONGLE APPARATUS AND METHOD OF CONTROLLING THE SAME	(72) Holbrook, Hugh W.	(47) 26.08.2020
(73) Samsung Electronics Co., Ltd.	Sellappa, Sriram	(87) US2016026115
(72) KANG, Hee Jun	Nuckolls, Neal Thomas	13.10.2016
PARK, Jong Won	(31) 201361822259 P	(22) 06.04.2016
LEE, Jin Kyoung	201414270043	(54) SERVER SIDE CONTENT DELIVERY NETWORK QUALITY OF SERVICE
(31) 201662297637 P	(32) 10.05.2013	(73) Level 3 Communications, LLC
20170012424	05.05.2014	(72) HOPKINS, William
(32) 19.02.2016	(33) United States of America	POWER, William R.
26.01.2017	United States of America	(31) 201562143573 P
(33) United States of America	(51) G06F 13/30	201615091454
Korea (Republic)	(11) EP3423949	(32) 06.04.2015
(51) G06F 13/16	(21) EP17706729.5	05.04.2016
G11C 7/22	(47) 26.08.2020	(33) United States of America
G11C 13/00	(87) EP2017053901	United States of America
(11) EP2912557	08.09.2017	(51) G06F 15/173
(21) EP13849330.9	(22) 21.02.2017	H04L 29/08
(47) 26.08.2020	(54) DIRECT MEMORY ACCESS CONTROL DEVICE FOR A COMPUTING UNIT HAVING A MAIN MEMORY	H04W 4/38
(87) US2013066947	(73) Robert Bosch GmbH	(11) EP3304334
01.05.2014	(72) SCHLOTTMANN, Eckart	(21) EP16800702.9
(22) 25.10.2013	AUE, Axel	(47) 26.08.2020
(54) APPARATUSES AND METHODS FOR MEMORY OPERATIONS HAVING VARIABLE LATENCIES	BECKER, Eugen	(87) US2016034299
(73) Micron Technology, Inc.	(31) 102016203307	01.12.2016
(72) MIRICHIGNI, Graziano	(32) 01.03.2016	(22) 26.05.2016
VILLA, Corrado	(33) Germany	(54) WIRELESSLY CONNECTED LABORATORY
PORZIO, Luca	(51) G06F 15/16	(73) Flowjo, LLC
TAN, Chee Weng	H04L 29/06	(72) STADNISKY, Michael D.
LEMARIE, Sebastien	H04L 29/08	(31) 201514722820
KLINDWORTH, Andre	(11) EP1839175	(32) 27.05.2015
(31) 201261719321 P	(21) EP05853163.3	(33) United States of America
201313840929	(47) 26.08.2020	(51) G06F 16/00
(32) 26.10.2012	(87) US2005044172	(11) EP3043271
15.03.2013	06.07.2006	(21) EP16150268.7
(33) United States of America	(22) 05.12.2005	(47) 26.08.2020
United States of America	(54) AGNOSTIC PERIPHERAL CONTROL FOR MEDIA COMMUNICATION APPLIANCES	(22) 05.01.2016
(51) G06F 13/24	(73) Cisco Technology, Inc.	(54) ORDER ENCODED MANIFESTS IN A CONTENT CENTRIC NETWORK
G06F 21/57	(72) PRAJAPAT, Surendra	(73) Cisco Technology, Inc.
G06F 21/79	HOWARTH, Arthur, G.	(72) MOSKO, Marc E.
G06F 9/4401	(31) 27350	SOLIS, Ignacio
G06F 1/3206	(32) 29.12.2004	SCOTT, Glenn C.
(11) EP3274788	(33) United States of America	WOOD, Christopher A.
(21) EP16773664.4	(51) G06F 15/16	(31) 201514595102
(47) 26.08.2020	H04L 29/06	(32) 12.01.2015
(87) US2016019588		(33) United States of America
06.10.2016		(51) G06F 16/20

G06F 16/957	(87) EP2016075420	(54) ENRICHING AUDIO WITH LIGHTING
(11) EP2592597	26.04.2018	(73) Signify Holding B.V.
(21) EP11867651.9	(22) 21.10.2016	(72) ALIAKSEYEU, Dzmityr Viktorovich
(47) 26.08.2020	(54) ACCESSING DATA STORED IN A	MEERBEEK, Berent Willem
(87) JP2011063921	DATABASE SYSTEM	VAN DE SLUIS, Bartel Marinus
20.12.2012	(73) Barcelona Supercomputing Center-	(31) 16161674
(22) 17.06.2011	Centro Nacional de Supercomputación	(32) 22.03.2016
(54) INFORMATION PROCESSING DEVICE,	Universitat Politècnica de Catalunya	(33) European Patent Office (EPO)
INFORMATION PROCESSING	(72) CORTÉS ROSSELLÓ, Antonio	(51) G06F 16/83
METHOD, INFORMATION	MARTÍ FRAIZ, Jonathan	(11) EP3462340
PROCESSING PROGRAM, AND	QUERALT CALAFAT, Anna	(21) EP17194087.7
RECORDING MEDIUM ON WHICH	GASULL MOREIRA, Daniel	(47) 26.08.2020
INFORMATION PROCESSING	(51) G06F 16/2453	(22) 29.09.2017
PROGRAM IS RECORDED	(11) EP3341865	(54) DATA PROVIDER AND METHOD FOR
(73) Rakuten, Inc.	(21) EP16848095.2	PROVIDING DATA
(72) MASUKO Soh	(47) 26.08.2020	(73) Siemens Aktiengesellschaft
ABE Hiroshi	(87) CN2016099477	(72) Charpenay, Victor
(51) G06F 16/21	30.03.2017	Käbisch, Sebastian
(11) EP3477500	(22) 20.09.2016	(51) G06F 16/955
(21) EP17001916.0	(54) SYSTEM AND METHOD FOR	G06F 16/958
(47) 26.08.2020	DATABASE QUERY	(11) EP2823406
(22) 23.11.2017	(73) Huawei Technologies Co., Ltd.	(21) EP13757211.1
(54) DEPLOYING CHANGES IN A MULTI-	(72) ZHU, Cheng	(47) 26.08.2020
TENANCY DATABASE SYSTEM	DING, Yonghua	(87) US2013028072
(73) SAP SE	ZHANG, Guogen	12.09.2013
(72) Schlarb, Uwe	(31) 201514864289	(22) 27.02.2013
Neufeld, Andrea	(32) 24.09.2015	(54) UNIQUELY IDENTIFYING SCRIPT
Birn, Immo-Gert	(33) United States of America	FILES
Driesen, Volker	(51) G06F 16/2453	(73) Google LLC
(31) 201715794335	(11) EP1860603	(72) GETZIN, Jeffrey
(32) 26.10.2017	(21) EP07009345.5	(31) 201213414109
(33) United States of America	(47) 26.08.2020	(32) 07.03.2012
(51) G06F 16/22	(22) 09.05.2007	(33) United States of America
(11) EP2945071	(54) Efficient calculation of sets of distinct	(51) G06F 21/12
(21) EP13870453.1	results	G06F 21/57
(47) 26.08.2020	(73) SAP SE	(11) EP3347848
(87) JP2013080873	(72) Peh, Thomas	(21) EP16782036.4
17.07.2014	Schwedes, Holger	(47) 26.08.2020
(22) 15.11.2013	Steinau, Oliver, M.	(87) EP2016074391
(54) INDEX GENERATING DEVICE AND	Stephen, Wolfgang	08.06.2017
METHOD, AND SEARCH DEVICE AND	(31) 435149	(22) 12.10.2016
SEARCH METHOD	(32) 15.05.2006	(54) STORED-PROGRAM MODULE
(73) NEC Corporation	(33) United States of America	AND METHOD FOR THE SECURED
(72) LIU Jianquan	(51) G06F 16/28	TRANSFER OF DATA TO A STORED-
(31) 2013003970	(11) EP2300339	PROGRAM MODULE
(32) 11.01.2013	(21) EP09763164.2	(73) Siemens Mobility GmbH
(33) Japan	(47) 26.08.2020	(72) MERLI, Dominik
(51) G06F 16/23	(87) US2009044258	SCHNEIDER, Daniel
(11) EP3242227	17.12.2009	(31) 102015224300
(21) EP16742659.2	(22) 15.05.2009	(32) 04.12.2015
(47) 26.08.2020	(54) VIRTUALIZING OBJECTS WITHIN	(33) Germany
(87) CN2016070818	QUERIES	(51) G06F 21/14
04.08.2016	(73) Microsoft Technology Licensing, LLC	(11) EP3467691
(22) 13.01.2016	(72) HUGHES, Gregory, L.	(21) EP17194988.6
(54) PAGE QUERYING METHOD AND	KERER, Clemens	(47) 26.08.2020
DATA PROCESSING NODE IN OLTP	OLENICK, Brad M.	(22) 05.10.2017
CLUSTER DATABASE	(31) 136616	(54) METHOD OF SELECTING SOFTWARE
(73) Huawei Technologies Co. Ltd.	(32) 10.06.2008	FILES
(72) LI, Haifeng	(33) United States of America	(73) ESHARD
LI, Jian	(51) G06F 16/60	(72) GAGNEROT, Georges
REN, Samiao	H05B 47/12	RAZAFINDRALAMBO, Tiana
(31) 201510054832	H05B 47/155	(51) G06F 21/40
(32) 30.01.2015	(11) EP3434073	G06F 16/00
(33) China	(21) EP17710730.7	(11) EP2833285
(51) G06F 16/242	(47) 26.08.2020	(21) EP13769870.0
(11) EP3529712	(87) EP2017055907	(47) 26.08.2020
(21) EP16787787.7	28.09.2017	(87) JP2013059463
(47) 26.08.2020	(22) 14.03.2017	

03.10.2013	JIN, Pyeong Gyu	(72) NOH, Dongki
(22) 29.03.2013	YOO, Jae Bong	LIM, Seungwook
(54) OPERATION LIMITING DEVICE, OPERATION LIMITING METHOD, AND COMPUTER PROGRAM	JEONG, Deung Hyeon	LEE, Taekyeong
(73) Tokyo Electron Limited	(31) 20150032547	SHIM, Inbo
(72) ASAKAWA, Teruo	(32) 09.03.2015	(31) 20140131526
MURATA, Naoko	(33) Korea (Republic)	(32) 30.09.2014
(31) 2012081497	(51) G06K 7/00	(33) Korea (Republic)
(32) 30.03.2012	(11) EP3462369	(51) G06K 9/00
(33) Japan	(21) EP18178394.5	G06K 9/46
(51) G06F 21/51	(47) 26.08.2020	G06K 9/80
G06F 21/56	(22) 19.06.2018	(11) EP2905722
(11) EP3467696	(54) SYSTEM AND METHOD FOR	(21) EP14200509.9
(21) EP17195493.6	AUTOMATED CALIBRATION OF	(47) 26.08.2020
(47) 26.08.2020	WIRELESS IDENTIFICATION DEVICE	(22) 30.12.2014
(22) 09.10.2017	LOCATION DETERMINATION	(54) Method and apparatus for detecting
(54) MODULE AND METHOD FOR	EQUIPMENT	salient region of image
SECURING COMPUTER SYSTEMS	(73) The Boeing Company	(73) Huawei Technologies Co., Ltd.
(73) DriveLock SE	(72) Shah, Payal	(72) Du, Xinyu
(72) RIEDEL, Udo	Singh, Navpreet	Wang, Dong
(51) G06F 21/53	McInnis, Michael D.	Gu, Zichen
G06F 9/455	(31) 201715720105	Wei, Daiyu
(11) EP3109788	(32) 29.09.2017	(31) 201410046715
(21) EP15173096.7	(33) United States of America	(32) 10.02.2014
(47) 26.08.2020	(51) G06K 9/00	(33) China
(22) 22.06.2015	G06F 21/32	(51) G06K 9/00
(54) MICRO-CORE BASED USER	(11) EP3312752	G06T 7/246
ENVIRONMENT, NETWORK	(21) EP17196324.2	(11) EP3239900
ARCHITECTURE AND SECURE	(47) 26.08.2020	(21) EP17167230.6
BACK END FOR PREVENTING	(22) 13.10.2017	(47) 26.08.2020
INFORMATION LOSS	(54) ELECTRONIC DEVICE AND METHOD	(22) 20.04.2017
(73) Deutsche Telekom AG	FOR ACQUIRING FINGERPRINT	(54) IDENTIFICATION DEVICE,
(72) Peylo, Christoph	INFORMATION	IDENTIFICATION METHOD, AND
Schmidt, Aubrey-Derrick	(73) Samsung Electronics Co., Ltd.	RECORDING MEDIUM RECORDING
Seifert, Jean-Pierre	(72) KIM, Hyeonho	IDENTIFICATION PROGRAM
(51) G06F 21/56	KANG, Jinwook	(73) Panasonic Intellectual Property
(11) EP3306511	BAE, Sangmin	Management Co., Ltd.
(21) EP17176269.3	YOON, Piljoo	(72) ARATA, Koji
(47) 26.08.2020	LEE, Haedong	(31) 2016091760
(22) 15.06.2017	LIM, Yeunwook	(32) 28.04.2016
(54) SYSTEM AND METHODS OF	HAN, Yonggil	(33) Japan
DETECTING MALICIOUS ELEMENTS	(31) 20160137845	(51) G06K 9/00
OF WEB PAGES	(32) 21.10.2016	G06T 7/269
(73) AO Kaspersky Lab	(33) Korea (Republic)	(11) EP3388972
(72) KUPREEV, Oleg V.	(51) G06K 9/00	(21) EP17166468.3
GALCHENKO, Anton B.	G06K 9/22	(47) 26.08.2020
USTINOV, Mikhail V.	G06K 9/32	(22) 13.04.2017
KONDRATOV, Vitaly V.	G06K 9/46	(54) A METHOD AND A DEVICE FOR
KUSKOV, Vladimir A.	(11) EP3540635	GENERATING AN OCCUPANCY MAP
(31) 2016139468	(21) EP18382174.3	OF AN ENVIRONMENT OF A VEHICLE
201715475885	(47) 26.08.2020	(73) Aptiv Technologies Limited
(32) 10.10.2016	(22) 16.03.2018	(72) Westerhoff, Jens
31.03.2017	(54) METHOD FOR IDENTIFYING AN	Siegemund, Jan
(33) Russian Federation	OBJECT WITHIN AN IMAGE AND	Meuter, Mirko
United States of America	MOBILE DEVICE FOR EXECUTING	Leßmann, Stephanie
(51) G06F 21/62	THE METHOD	(51) G06K 9/00
(11) EP3067818	(73) Identy Inc.	G08G 1/16
(21) EP16159325.6	(72) ARAGON, Jesus	G06T 7/20
(47) 26.08.2020	(51) G06K 9/00	G06T 7/50
(22) 09.03.2016	G06K 9/46	G06T 7/70
(54) USER INFORMATION PROCESSING	G06K 9/62	(11) EP3093820
METHOD AND ELECTRONIC DEVICE	G05D 1/02	(21) EP14877969.7
SUPPORTING THE SAME	(11) EP3002656	(47) 26.08.2020
(73) Samsung Electronics Co., Ltd.	(21) EP15187658.8	(87) JP2014080182
(72) EOM, Yu Youl	(47) 26.08.2020	16.07.2015
LEE, Suk Hyung	(22) 30.09.2015	(22) 14.11.2014
LEE, Chang Ho	(54) ROBOT CLEANER AND CONTROL	(54) VEHICLE-SURROUNDINGS
	METHOD THEREOF	RECOGNITION DEVICE
	(73) LG Electronics Inc.	(73) Clarion Co., Ltd.

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(72) OGATA, Takehito<br/>KIYOHARA, Masahiro<br/>IRIE, Kota<br/>SAKATA, Masao<br/>UCHIDA, Yoshitaka<br/>(31) 2014002549<br/>(32) 09.01.2014<br/>(33) Japan</p> <hr/> <p>(51) G06K 9/46<br/>G06K 9/62<br/>G06T 7/00<br/>(11) EP3301641<br/>(21) EP16821321.3<br/>(47) 26.08.2020<br/>(87) JP2016069609<br/>12.01.2017<br/>(22) 01.07.2016<br/>(54) IMAGE COLLATION DEVICE, IMAGE<br/>COLLATION METHOD, AND PROGRAM<br/>(73) Nippon Telegraph and Telephone<br/>Corporation<br/>(72) WU, Xiaomeng<br/>KASHINO, Kunio<br/>(31) 2015135297<br/>(32) 06.07.2015<br/>(33) Japan</p> <hr/> <p>(51) G06K 19/06<br/>(11) EP3311336<br/>(21) EP16734205.4<br/>(47) 26.08.2020<br/>(87) EP2016063690<br/>22.12.2016<br/>(22) 15.06.2016<br/>(54) AUTHENTICATION FEATURE IN A<br/>BARCODE<br/>(73) Hicof Inc.<br/>(72) TOEDTLI, Sascha<br/>TOEDTLI, Sergej<br/>(31) 201562181423 P<br/>201562201848 P<br/>(32) 18.06.2015<br/>06.08.2015<br/>(33) United States of America<br/>United States of America</p> <hr/> <p>(51) G06K 19/06<br/>H03M 13/15<br/>(11) EP3156946<br/>(21) EP15809578.6<br/>(47) 26.08.2020<br/>(87) JP2015064335<br/>23.12.2015<br/>(22) 19.05.2015<br/>(54) METHOD FOR CONCEALING<br/>SECRET INFORMATION, SECRET<br/>INFORMATION CONCEALING<br/>DEVICE, PROGRAM, METHOD FOR<br/>EXTRACTING SECRET INFORMATION,<br/>AND SECRET INFORMATION<br/>EXTRACTION DEVICE<br/>(73) TOPPAN INFOMEDIA CO., LTD.<br/>(72) NISHIZAKI, Tsutao<br/>(31) 2014123332<br/>(32) 16.06.2014<br/>(33) Japan</p> <hr/> <p>(51) G06K 19/077<br/>(11) EP3198528<br/>(21) EP15767148.8<br/>(47) 26.08.2020</p> | <p>(87) EP2015071686<br/>31.03.2016<br/>(22) 22.09.2015<br/>(54) PASSIVE SMART CARDS, METAL<br/>CARDS, PAYMENT OBJECTS AND<br/>SMART JEWELRY<br/>(73) FÉINICS AMATECH TEORANTA<br/>(72) FINN, David<br/>LOTYA, Mustafa<br/>MOLLOY, Darren<br/>(31) 201414492113<br/>201462061689 P<br/>201462080332 P<br/>201414551376<br/>201514619177<br/>201562136644 P<br/>201562150307 P<br/>201562163962 P<br/>201562175308 P<br/>201562201578 P<br/>201562204466 P<br/>(32) 22.09.2014<br/>08.10.2014<br/>16.11.2014<br/>24.11.2014<br/>11.02.2015<br/>23.03.2015<br/>21.04.2015<br/>19.05.2015<br/>14.06.2015<br/>06.08.2015<br/>13.08.2015<br/>(33) United States of America<br/>United States of America<br/>United States of America<br/>United States of America<br/>United States of America<br/>United States of America<br/>United States of America<br/>United States of America<br/>United States of America<br/>United States of America<br/>United States of America</p> <hr/> <p>(51) G06N 5/04<br/>G06F 16/21<br/>(11) EP2994858<br/>(21) EP14728059.8<br/>(47) 26.08.2020<br/>(87) US2014037226<br/>13.11.2014<br/>(22) 08.05.2014<br/>(54) INFERRING ENTITY ATTRIBUTE<br/>VALUES<br/>(73) Microsoft Technology Licensing, LLC<br/>(72) MITRA, Bhaskar<br/>ABIB, Elbio Renato<br/>IMADA, Fabio Eigi<br/>JIAO, Yu<br/>(31) 201361821550 P<br/>201313920773<br/>(32) 09.05.2013<br/>18.06.2013<br/>(33) United States of America<br/>United States of America</p> <hr/> <p>(51) G06Q 10/00<br/>(11) EP3246856<br/>(21) EP17165190.4<br/>(47) 26.08.2020</p> | <p>(22) 06.04.2017<br/>(54) DEGRADATION ESTIMATION METHOD<br/>AND DEGRADATION ESTIMATION<br/>APPARATUS<br/>(73) Panasonic Intellectual Property<br/>Management Co., Ltd.<br/>(72) YOSHIDA, Atsushi<br/>ZHANG, Wei<br/>TAJIKI, Yosuke<br/>(31) 2016101991<br/>(32) 20.05.2016<br/>(33) Japan</p> <hr/> <p>(51) G06Q 10/00<br/>(11) EP3168793<br/>(21) EP15194420.4<br/>(47) 26.08.2020<br/>(22) 13.11.2015<br/>(54) REMOTE USER SUPPORT TOOL<br/>(73) ABB Schweiz AG<br/>(72) Hu, Zhongliang<br/>Tanila, Teemu<br/>Kohvacka, Mikko</p> <hr/> <p>(51) G06Q 10/06<br/>G06F 8/71<br/>G06F 16/242<br/>(11) EP2680169<br/>(21) EP13162301.9<br/>(47) 26.08.2020<br/>(22) 04.04.2013<br/>(54) Operation management support device,<br/>operation management support method,<br/>and program<br/>(73) FUJITSU LIMITED<br/>(72) Miyagi, Toshihide<br/>Masuda, Yuu<br/>(31) 2012147370<br/>(32) 29.06.2012<br/>(33) Japan</p> <hr/> <p>(51) G06Q 30/02<br/>G06Q 30/06<br/>(11) EP3607521<br/>(21) EP18712238.7<br/>(47) 26.08.2020<br/>(87) EP2018057696<br/>11.10.2018<br/>(22) 27.03.2018<br/>(54) METHOD AND APPARATUS FOR<br/>MONITORING USAGE OF A LIGHTING<br/>SYSTEM<br/>(73) Signify Holding B.V.<br/>(72) BERGMAN, Anthonie, Hendrik<br/>ENGELN, Dirk, Valentinus, René<br/>VAN DE SLUIS, Bartel, Marinus<br/>MEERBEEK, Berent, Willem<br/>VAN GHELUWE, Jochen, Renaat<br/>(31) 17165185<br/>(32) 06.04.2017<br/>(33) European Patent Office (EPO)</p> <hr/> <p>(51) G06T 1/00<br/>G06T 11/00<br/>(11) EP1975870<br/>(21) EP07706763.5<br/>(47) 26.08.2020<br/>(87) JP2007050429<br/>26.07.2007<br/>(22) 15.01.2007<br/>(54) MAKEUP SIMULATION SYSTEM,<br/>MAKEUP SIMULATION DEVICE,</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



MAKEUP SIMULATION METHOD, AND MAKEUP SIMULATION PROGRAM	(87) US2016053521 30.03.2017	(47) 26.08.2020
(73) Shiseido Co., Ltd.	(22) 23.09.2016	(22) 27.01.2017
(72) GOTO, Yasuo	(54) SIGNALLING OF RESHAPING FUNCTIONS FOR CODING HIGH DYNAMIC RANGE AND WIDE COLOR GAMUT SEQUENCES	(54) MULTI-CLASS IMAGE SEGMENTATION METHOD
(31) 2006009268	(73) ARRIS Enterprises LLC	(73) AGFA Healthcare
(32) 17.01.2006	(72) MINOO, Koohyar	VRVis Zentrum für Virtual Reality und Visualisierung Forschungs-GmbH
(33) Japan	BAYLON, David M. GU, Zhouye YU, Yue	(72) Novikov, Alexey Major, David Lenis, Dimitrios Wimmer, Maria Buehler, Katja
(51) G06T 1/20	LUTHRA, Ajay	(51) G06T 7/11
G06T 1/60	(31) 201562222723 P	G06T 7/12
G09G 5/36	201562241087 P	(11) EP3365870
G06F 9/30	201562241094 P	(21) EP16791166.8
G06F 9/34	201562242272 P	(47) 26.08.2020
G06F 9/44	(32) 23.09.2015	(87) US2016057522
G06F 9/451	13.10.2015	27.04.2017
(11) EP3113015	13.10.2015	(22) 18.10.2016
(21) EP14889172.4	15.10.2015	(54) SYSTEM AND METHOD FOR THE SEGMENTATION OF OPTICAL COHERENCE TOMOGRAPHY SLICES
(47) 26.08.2020	(33) United States of America United States of America United States of America United States of America	(73) The Charles Stark Draper Laboratory, Inc.
(87) CN2014074918	(51) G06T 7/00	(72) LOWRY, Nathan
15.10.2015	(11) EP2972303	LOMMEL, Peter
(22) 08.04.2014	(21) EP14769094.5	MANGOUBI, Rami
(54) METHOD AND APPARATUS FOR DATA COMMUNICATION IN VIRTUALIZED ENVIRONMENT	(47) 26.08.2020	WOOD, Richard
(73) Huawei Technologies Co. Ltd.	(87) US2014024527	HAMILTON, Lei
(72) AI, Chuyue	25.09.2014	IRVINE, John
PANG, Xibao	(22) 12.03.2014	DUNCAN, Stephen
(51) G06T 1/60	(54) SYSTEMS AND METHODS FOR IMPROVING DIRECT NUMERICAL SIMULATION OF MATERIAL PROPERTIES FROM ROCK SAMPLES AND DETERMINING UNCERTAINTY IN THE MATERIAL PROPERTIES	(31) 201562243435 P
(11) EP3474224	(73) BP Corporation North America Inc.	(32) 19.10.2015
(21) EP17207280.3	(72) FREDRICH, Joanne	(33) United States of America
(47) 26.08.2020	LIU, Elizabeth	(51) G06T 7/11
(22) 14.12.2017	LOUIS, Laurent	G06T 7/143
(54) GRAPHICS PROCESSING METHOD AND DEVICE	NI, Dianne	(11) EP2901419
(73) Shanghai Zhaoxin Semiconductor Co., Ltd.	(31) 201313836483	(21) EP13777369.3
(72) KONG, Weiman	201314063742	(47) 26.08.2020
WANG, Yuanyuan	(32) 15.03.2013	(87) US2013062069
GU, Yuwei	25.10.2013	03.04.2014
(31) 201710983477	(33) United States of America United States of America	(22) 27.09.2013
(32) 20.10.2017	(51) G06T 7/00	(54) MULTI-BONE SEGMENTATION FOR 3D COMPUTED TOMOGRAPHY
(33) China	(11) EP3234912	(73) Siemens Industry Software Inc.
(51) G06T 5/00	(21) EP15813914.7	(72) WU, Dijia
H04N 5/20	(47) 26.08.2020	BIRKBECK, Neil
H04N 9/68	(87) IB2015059234	SOFKA, Michal
(11) EP3231174	23.06.2016	LIU, Meizhu
(21) EP15762531.0	(22) 01.12.2015	ZHOU, Shaohua Kevin
(47) 26.08.2020	(54) QUALITY CONTROL OF IMAGE REGISTRATION	(31) 201261706342 P
(87) EP2015069980	(73) Koninklijke Philips N.V.	201313953825
16.06.2016	(72) TAHMASEBI MARAGHOOSH, Amir	(32) 27.09.2012
(22) 02.09.2015	Mohammad	30.07.2013
(54) OPTIMIZING HIGH DYNAMIC RANGE IMAGES FOR PARTICULAR DISPLAYS	(31) 201462091862 P	(33) United States of America United States of America
(73) Koninklijke Philips N.V.	(32) 15.12.2014	(51) G06T 7/11
(72) VAN MOURIK, Johannes Gerardus Rijk MERTENS, Mark Jozef Willem	(33) United States of America	G06T 7/60
NIJLAND, Rutger	(51) G06T 7/00	(11) EP3259736
(31) 14197360	G06T 7/11	(21) EP16706157.1
201562121028 P	(11) EP3355270	(47) 26.08.2020
(32) 11.12.2014	(21) EP17153431.6	(87) EP2016053213
26.02.2015		25.08.2016
(33) European Patent Office (EPO) United States of America		(22) 16.02.2016
(51) G06T 5/00		(54) DEVICE AND METHOD FOR CAMERA- BASED CALCULATION OF A LENGTH RATIO OF THE FINGERS OF A HAND
H04N 19/70		
H04N 19/98		
(11) EP3338452		
(21) EP16779255.5		
(47) 26.08.2020		

(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	(54) IMAGE ACQUISITION DEVICE, IMAGE ACQUISITION METHOD, AND IMAGE CORRECTION PROGRAM	(32) 18.07.2011 (33) United States of America
(72) TANTINGER, Daniel KOCH, Robert STRUCK, Matthias HASSLMAYER, Erik RULSCH, Martin	(73) Tokyo Metropolitan Industrial Technology Research Institute	(51) G06T 15/20 G06T 3/00 (11) EP3304498 (21) EP16718548.7 (47) 26.08.2020 (87) US2016025019 08.12.2016 (22) 30.03.2016
(31) 102015202922 (32) 18.02.2015 (33) Germany	(72) MONKAWA, Akira NAKANISHI, Shoichi ABE, Shinya	(54) SYSTEMS AND METHODS FOR PRODUCING A COMBINED VIEW FROM FISHEYE CAMERAS
(51) G06T 7/30 (11) EP3451291 (21) EP18151120.5 (47) 26.08.2020 (22) 11.01.2018	(31) 2015115101 (32) 05.06.2015 (33) Japan	(73) Qualcomm Incorporated (72) ZHANG, Tao GUO, Feng BI, Ning FORUTANPOUR, Bijan NGUYEN, Phi Hung
(54) SYSTEM AND METHOD FOR SHAPE CONSTRAINED 3D POINT CLOUD REGISTRATION	(11) EP3509053 (21) EP17845795.8 (47) 26.08.2020	(31) 201562170075 P 201514954357 (32) 02.06.2015 30.11.2015 (33) United States of America United States of America
(73) Tata Consultancy Services Limited (72) AGARWAL, SWAPNA BHOWMICK, BROJESHWAR	(87) JP2017019982 08.03.2018 (22) 30.05.2017	(51) G06T 17/05 G06T 19/00 (11) EP2518693 (21) EP12161120.6 (47) 26.08.2020 (22) 23.03.2012 (54) Method and System for Creating and Displaying Three-Dimensional Features on an Electronic Map Display
(31) 201721031135 (32) 01.09.2017 (33) India	(54) INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND PROGRAM	(73) HERE Global B.V. (72) Lynch, James (31) 201113093981 (32) 26.04.2011 (33) United States of America
(51) G06T 9/20 H04N 19/119 H04N 19/136 H04N 19/176 H04N 19/182 H04N 19/21 H04N 19/597	(73) Sony Corporation (72) SATOH, Ayaka OKUMURA, Mitsuo SASAKI, Takehiko ISOZU, Masaaki TAKAHASHI, Shohei NOZUE, Marika	(51) G06T 17/05 G09B 29/10 G06F 16/29 G06F 16/957 (11) EP2976750 (21) EP14770083.5 (47) 26.08.2020 (87) US2014031600 25.09.2014 (22) 24.03.2014
(11) EP3069322 (21) EP14713074.4 (47) 26.08.2020 (87) EP2014055666 24.09.2015 (22) 20.03.2014	(31) 2016168986 (32) 31.08.2016 (33) Japan	(54) GEOSPATIAL SMOOTHING IN WEB APPLICATIONS
(54) AN APPARATUS AND A METHOD FOR ASSOCIATING A VIDEO BLOCK PARTITIONING PATTERN TO A VIDEO CODING BLOCK	(51) G06T 13/60 (11) EP3151200 (21) EP16191878.4 (47) 26.08.2020 (22) 30.09.2016	(73) Accenture Global Services Limited (72) PATTERSON, Joshua SHETTERLEY, Nathan LU, Shan RUDERMAN, Brad (31) 201361804446 P (32) 22.03.2013 (33) United States of America
(73) Huawei Technologies Co., Ltd. (72) JAEGER, Fabian KONIECZNY, Jacek	(54) MODELING OBJECT	(51) G06T 15/00 G06T 19/00 (11) EP2734982 (21) EP12814123.1 (47) 26.08.2020 (87) CA2012000684 24.01.2013 (22) 18.07.2012
(51) G06T 11/00 (11) EP3008722 (21) EP14810968.9 (47) 26.08.2020 (87) US2014041793 18.12.2014 (22) 10.06.2014	(73) Samsung Electronics Co., Ltd. (72) Sagong, Donghoon Kang, Nahyup Son, Minjung Lee, KeeChang Lee, Hyong Euk Lee, Heesae	(54) METHOD AND SYSTEM FOR PERFORMING RENDERING
(54) MEDICAL IMAGE PROCESSING METHOD	(31) 20150138736 20150155935 (32) 01.10.2015 06.11.2015 (33) Korea (Republic) Korea (Republic)	(73) Cadens Medical Imaging Inc. (72) VINCENT, Thomas LAPALME, Tristan (31) 201161509092 P
(73) The University of Mississippi Medical Center (72) SMITH, Andrew (31) 201361833416 P (32) 10.06.2013 (33) United States of America	(51) G06T 15/00 G06T 19/00 (11) EP2734982 (21) EP12814123.1 (47) 26.08.2020 (87) CA2012000684 24.01.2013 (22) 18.07.2012	(51) G06T 19/00 G06T 19/20 G02B 27/01 G06F 3/01 G06F 3/041 G09G 3/00 G09G 5/00 G09G 5/14 G09G 5/36
(51) G06T 11/00 G01N 23/046 (11) EP3306309 (21) EP16803489.0 (47) 26.08.2020 (87) JP2016066539 08.12.2016 (22) 03.06.2016		

G09G 5/377	201161549511 P	21.09.2012
H04N 5/64	(32) 23.09.2011	(33) United States of America
G06F 3/0488	20.10.2011	United States of America
(11) EP3410264	(33) United States of America	United States of America
(21) EP18184698.1	United States of America	<hr/>
(47) 26.08.2020	(51) G07D 3/14	(51) G07F 11/62
(22) 11.11.2014	(11) EP2615586	G07F 17/00
(54) IMAGE DISPLAY DEVICE AND IMAGE	(21) EP13150993.7	A47B 88/00
DISPLAY METHOD	(47) 26.08.2020	(11) EP3098787
(73) Sony Corporation	(22) 11.01.2013	(21) EP16174270.5
(72) Yuki, Yamamoto	(54) Coin handling device with coin containers	(47) 26.08.2020
Kenta, Kawamoto	arranged on each side	(22) 18.03.2011
Takayasu Kon	(73) Wincor Nixdorf International GmbH	(54) STORAGE SYSTEM FOR SUPPLYING
(31) 2014010582	(72) Starke, Christian	ARTICLES
(32) 23.01.2014	Fischer, Arno	(73) Supply Point Systems Limited
(33) Japan	(31) 102012100309	(72) MORGAN, Jeffery
<hr/>	(32) 13.01.2012	CLARK, Christopher Iain
(51) G06T 19/20	(33) Germany	MARRIOTT, Christopher
G06T 11/60	<hr/>	GUPPY, Michael
G06F 3/0484	(51) G07D 3/14	(31) 201004668
G06F 9/451	G07D 9/00	(32) 19.03.2010
(11) EP2820535	(11) EP2497068	(33) United Kingdom
(21) EP13709012.2	(21) EP10773959.1	<hr/>
(47) 26.08.2020	(47) 26.08.2020	(51) G07F 17/00
(87) US2013027900	(87) GB2010051763	G07G 1/00
06.09.2013	05.05.2011	G07G 3/00
(22) 27.02.2013	(22) 20.10.2010	(11) EP2483825
(54) METHOD FOR DISPLAYING AND	(54) CHIP SORTING DEVICES AND	(21) EP10763934.6
MANIPULATING A FLOOR LAYOUT	METHODS OF EJECTING CHIPS	(47) 26.08.2020
DISPLAY ON A COMPUTER	(73) Shuffle Master GmbH & Co KG	(87) US2010050546
(73) Milliken & Company	(72) BLAHA, Ernst	07.04.2011
(72) FIELDS, Adam	KRENN, Peter	(22) 28.09.2010
MACMECCAN, Robert M.	(31) 610974	(54) VERIFICATION OF DISPENSED ITEMS
SEITZ, Lawrence Keith, Jr.	(32) 02.11.2009	(73) CareFusion 303, Inc.
WALKER, Stacy	(33) United States of America	(72) ROSS, Graham
HAAKSMA, Barbara Lynn	<hr/>	(31) 571221
MARTIN, Cresta A.	(51) G07F 7/06	(32) 30.09.2009
(31) 201261604602 P	(11) EP3208781	(33) United States of America
201313775287	(21) EP16156673.2	<hr/>
(32) 29.02.2012	(47) 26.08.2020	(51) G08B 1/08
25.02.2013	(22) 22.02.2016	H04R 3/00
(33) United States of America	(54) EMPTY RETURN DEVICE	(11) EP3497681
United States of America	(73) Wincor Nixdorf International GmbH	(21) EP17761597.8
<hr/>	(72) HARTUNG, Domenic	(47) 26.08.2020
(51) G07C 9/00	(51) G07F 7/10	(87) IB2017054841
(11) EP2043055	G06Q 20/38	15.02.2018
(21) EP07117498.1	G06Q 20/40	(22) 08.08.2017
(47) 26.08.2020	G06F 21/60	(54) DEVICE FOR SIGNALLING AUDIBLE
(22) 28.09.2007	(11) EP2801061	ALARMS AND THE LIKE
(54) Lock administration system	(21) EP13733792.9	(73) Intendime S.R.L.
(73) iLOQ Oy	(47) 26.08.2020	(72) FARRIS, Alessandra
(72) Lohiniva, Seppo	(87) US2013020580	AMBU, Giorgia
Pukari, Mika	11.07.2013	PINESE, Antonio
<hr/>	(22) 07.01.2013	BUFFETTI, Leonardo
(51) G07C 11/00	(54) DATA PROTECTION WITH	ARCIULO, Riccardo
(11) EP3355282	TRANSLATION	(31) 201600085079
(21) EP17207519.4	(73) Visa International Service Association	(32) 12.08.2016
(47) 26.08.2020	(72) POWELL, Glenn	(33) Italy
(22) 18.09.2012	SHEETS, John F.	<hr/>
(54) SYSTEM AND METHOD FOR	TAIT, Paul	(51) G08B 7/06
DETECTING, TRACKING AND	WAGNER, Kim R.	(11) EP3149716
COUNTING HUMAN OBJECTS OF	KOGANTI, Krishna Prasad	(21) EP15718421.9
INTEREST USING A COUNTING	PERL, Marc	(47) 26.08.2020
SYSTEM AND A DATA CAPTURE	RODRIGUEZ, Hector	(87) US2015026566
DEVICE	ZLOTH, Sue	03.12.2015
(73) ShopperTrak RCT Corporation	(31) 201261583550 P	(22) 19.04.2015
(72) MARCHESELLI, Edward A.	201261607546 P	(54) METHOD AND SYSTEM FOR
DISPENSA, Gary	201261704428 P	MANAGING EVACUATIONS USING
STEMEN, Thomas D.	(32) 05.01.2012	POSITIONING SYSTEMS
KASTILAHN, William C.	06.03.2012	(73) Sensormatic Electronics, LLC
(31) 201161538554 P		(72) SHARMA, Amit Kumar
		KUMAR, Rakesh

KONAR, Shubhendu	(54) METHOD AND APPARATUS FOR PROVIDING A TUNNEL SPEED ESTIMATE BASED ON PROBE DATA	(54) FLOATING IMAGE DISPLAY SYSTEM
(31) 201414288578	(73) HERE Global B.V.	(73) Disney Enterprises, Inc.
(32) 28.05.2014	(72) FOWE, James Adeyemi	(72) Haseltine, Eric C.
(33) United States of America	(72) SWINGLEY, Finn	Goslin, Michael P.
(51) G08B 13/196	(31) 201514750703	Thornton, Stephen A.
(11) EP3227868	(32) 25.06.2015	Hsu, Jonathan R.
(21) EP15808813.8	(33) United States of America	Baumbach, Elliott
(47) 26.08.2020	(51) G08G 1/0967	(31) 201815888896
(87) IB2015059210	G08G 1/16	(32) 05.02.2018
09.06.2016	H04W 4/06	(33) United States of America
(22) 30.11.2015	(11) EP3513581	(51) G09G 3/20
(54) SURVEILLANCE METHOD AND SYSTEM.	(21) EP17768902.3	G09G 3/34
(73) Guerzoni, Filippo	(47) 26.08.2020	G09G 5/10
Micheli, Cesare	(87) US2017049967	(11) EP2277162
(72) GUERZONI, Filippo	22.03.2018	(21) EP09730656.7
(31) BO20140684	(22) 01.09.2017	(47) 26.08.2020
(32) 03.12.2014	(54) METHODS AND APPARATUS FOR EFFICIENT SENSOR DATA SHARING IN A VEHICLE-TO-VEHICLE (V2V) NETWORK	(87) US2009040362
(33) Italy	(73) Qualcomm Incorporated	15.10.2009
(51) G08B 13/196	(72) NGUYEN, Tien Viet	(22) 13.04.2009
H04N 5/232	JIANG, Libin	(54) METHODS FOR DRIVING ELECTRO-OPTIC DISPLAYS
H04N 7/18	WU, Zhibin	(73) E Ink Corporation
G06T 7/00	GULATI, Kapil	(72) OHKAMI, Takahide
(11) EP2798840	BAGHEL, Sudhir	GATES, Holly, G.
(21) EP12806839.2	PATIL, Shailesh	(31) 44067
(47) 26.08.2020	MALLADI, Durga Prasad	(32) 11.04.2008
(87) US2012069707	LI, Junyi	(33) United States of America
04.07.2013	TSIRTISIS, Georgios	(51) G09G 3/36
(22) 14.12.2012	(31) 201662395350 P	G11C 19/28
(54) VISUAL COMMAND PROCESSING	201715623250	(11) EP2743931
(73) Pelco, Inc.	(32) 15.09.2016	(21) EP13197107.9
(72) MARTIN, Steven D.	14.06.2017	(47) 26.08.2020
YANG, Shu	(33) United States of America	(22) 13.12.2013
MILLAR, Greg	United States of America	(54) Shift register, gate driver and display device
DI CROCE, Tony T.	(51) G08G 5/00	(73) BOE Technology Group Co., Ltd.
HEDDINGS, Jason A.	G08G 5/02	Hefei BOE Optoelectronics Technology Co., Ltd.
MILLER, Casey L.	(11) EP2927893	(72) Gu, Xiaofang
OWENS, James W.	(21) EP15154345.1	Yang, Tong
(31) 201113338826	(47) 26.08.2020	Ma, Rui
(32) 28.12.2011	(22) 09.02.2015	Hu, Ming
(33) United States of America	(54) Arrival traffic scheduling system incorporating equipage-dependent in-trail spacing	(31) 201210546392
(51) G08C 17/02	(73) The Boeing Company	(32) 14.12.2012
H04L 12/28	(72) De Prins, Johan	(33) China
(11) EP2791928	(31) 201414217804	(51) G10K 11/175
(21) EP12810378.5	(32) 18.03.2014	G10K 11/26
(47) 26.08.2020	(33) United States of America	H04R 1/02
(87) FR2012052845	(51) G09B 23/28	H04R 1/10
20.06.2013	(11) EP2797068	H04R 1/28
(22) 07.12.2012	(21) EP13165254.7	H04R 1/34
(54) METHOD OF INSTALLING A HOME-AUTOMATION SYSTEM AND ASSOCIATED HOME-AUTOMATION SYSTEM	(47) 26.08.2020	H04R 5/02
(73) ORANGE	(22) 24.04.2013	(11) EP3420554
(72) DELBARY, Philippe	(54) Anatomical kidney phantom with calyxes for drainage training in interventional radiology	(21) EP17704440.1
DUBOIS, Pierre-François	(73) Tallinn University of Technology	(47) 26.08.2020
COTTET, Jean-Paul	(72) Ristolainen, Asko	(87) EP2017052673
(31) 1161703	Ross, Peeter	31.08.2017
(32) 15.12.2011	(51) G09G 3/00	(22) 08.02.2017
(33) France	(11) EP3522143	(54) AUDIO SYSTEM WITH BEAMFORMING LOUDSPEAKERS AND SPECTACLES WITH SUCH AN AUDIO SYSTEM
(51) G08G 1/01	(21) EP18209357.5	(73) Usound GmbH
G08G 1/052	(47) 26.08.2020	(72) RUSCONI CLERICI BELTRAMI, Andrea
(11) EP3314600	(22) 30.11.2018	BOTTONI, Ferruccio
(21) EP16734243.5		SONTACCHI, Alois
(47) 26.08.2020		POMBERGER, Hannes
(87) EP2016064749		(31) 102016103477
29.12.2016		(32) 26.02.2016
(22) 24.06.2016		

(33) Germany	CHRZANOWSKI, Mike	(54) PROGRESSIVE UTTERANCE
(51) G10K 11/178	ELSEN, Erich	ANALYSIS FOR SUCCESSIVELY
H04R 1/10	ENGEL, Jesse	DISPLAYING EARLY SUGGESTIONS
H04R 25/00	FOUGNER, Christopher	BASED ON PARTIAL SEMANTIC
(11) EP2229010	HAN, Xu	PARSES FOR VOICE CONTROL.
(21) EP10151957.7	HANNUN, Awni	&#xA;REAL TIME PROGRESSIVE
(47) 26.08.2020	PRENGER, Ryan	SEMANTIC UTTERANCE ANALYSIS
(22) 28.01.2010	SATHEESH, Sanjeev	FOR VISUALIZATION AND ACTIONS
(54) Hearing aid and method for noise	SENGUPTA, Shubhabrata	CONTROL.
compensation in a hearing aid	YOGATAMA, Dani	(73) Sony Corporation
(73) Sivantos Pte. Ltd.	WANG, Chong	(72) OHMURA, Junki
(72) Kasanmascheff, Robert	ZHAN, Jun	KIRIHARA, Reiko
Kornagel, Ulrich	ZHU, Zhenyao	SUKI, Yasuyuki
(31) 102009012745	AMODEI, Dario	OGASAWARA, Koichi
(32) 12.03.2009	(31) 201562260206 P	(31) 2015073894
(33) Germany	201615358102	(32) 31.03.2015
(51) G10K 15/12	201615358083	(33) Japan
H04S 3/02	(32) 25.11.2015	(51) G10L 17/06
(11) EP3329485	21.11.2016	G10L 21/02
(21) EP16747709.0	21.11.2016	G10L 25/81
(47) 26.08.2020	(33) United States of America	(11) EP3598448
(87) US2016044286	United States of America	(21) EP19190808.6
02.02.2017	United States of America	(47) 26.08.2020
(22) 27.07.2016	(51) G10L 15/18	(22) 25.03.2014
(54) SYSTEM AND METHOD FOR SPATIAL	G10L 15/197	(54) APPARATUSES AND METHODS
PROCESSING OF SOUNDFIELD	G06F 40/289	FOR AUDIO CLASSIFYING AND
SIGNALS	(11) EP3469585	PROCESSING
(73) Dolby Laboratories Licensing Corporation	(21) EP16826680.7	(73) Dolby Laboratories Licensing Corporation
(72) MCGRATH, David S.	(47) 26.08.2020	(72) LU, Lie
WILSON, Rhonda	(87) US2016069474	SEEFELDT, Alan J.
(31) 201562198440 P	14.12.2017	WANG, Jun
15185913	(22) 30.12.2016	(31) 201310100367
(32) 29.07.2015	(54) SCALABLE DYNAMIC CLASS	201361811062 P
18.09.2015	LANGUAGE MODELING	(32) 26.03.2013
(33) United States of America	(73) Google LLC	11.04.2013
European Patent Office (EPO)	(72) SCHEINER, Justin Max	(33) China
(51) G10L 13/033	ALEKSIC, Petar	United States of America
G10L 21/003	(31) 201662347250 P	(51) G10L 19/008
G10L 21/0208	(32) 08.06.2016	(11) EP3143617
(11) EP3416166	(33) United States of America	(21) EP15727505.8
(21) EP18165243.9	(51) G10L 15/22	(47) 26.08.2020
(47) 26.08.2020	G10L 15/197	(87) US2015031195
(22) 30.04.2015	(11) EP2864981	19.11.2015
(54) PROCESSING SPEECH SIGNAL	(21) EP13732788.8	(22) 15.05.2015
USING SUBSTITUTE SPEECH DATA	(47) 26.08.2020	(54) CROSSFADING BETWEEN HIGHER
(73) QUALCOMM Incorporated	(87) US2013046381	ORDER AMBISONIC SIGNALS
(72) MANJUNATH, Sharath	27.12.2013	(73) Qualcomm Incorporated
SINDER, Daniel	(22) 18.06.2013	(72) KIM, Moo Young
(31) 201461986701 P	(54) DYNAMIC LANGUAGE MODEL	PETERS, Nils Günther
201514700009	(73) Google LLC	(31) 201461994763 P
(32) 30.04.2014	(72) MENGIBAR, Pedro J. Moreno	201462004076 P
29.04.2015	COHEN, Michael H.	201562118434 P
(33) United States of America	(31) 201261662889 P	201514712854
United States of America	201313802414	(32) 16.05.2014
(51) G10L 15/14	(32) 21.06.2012	28.05.2014
G10L 15/16	13.03.2013	19.02.2015
G10L 15/183	(33) United States of America	14.05.2015
G06F 40/40	United States of America	(33) United States of America
(11) EP3245597	(51) G10L 15/22	United States of America
(21) EP16869302.6	G11B 27/34	United States of America
(47) 26.08.2020	G10L 15/18	United States of America
(87) US2016063661	(11) EP3282447	(51) G10L 19/022
01.06.2017	(21) EP15887792.8	G10L 21/038
(22) 23.11.2016	(47) 26.08.2020	G10L 21/04
(54) END-TO-END SPEECH RECOGNITION	(87) JP2015085845	(11) EP3246919
(73) Baidu USA LLC	06.10.2016	(21) EP17175871.7
(72) CATANZARO, Bryan	(22) 22.12.2015	(47) 26.08.2020
CHEN, Jingdong		(22) 12.03.2010

- (54) IMPROVED HARMONIC TRANSPOSITION  
(73) Dolby International AB  
(72) Ekstrand, Per  
    Villemoes, Lars Falck  
(31) 0900087  
    243624 P  
(32) 28.01.2009  
    18.09.2009  
(33) Sweden  
    United States of America
- 
- (51) G10L 19/028  
(11) EP3471093  
(21) EP18206224.0  
(47) 26.08.2020  
(22) 28.01.2014  
(54) NOISE FILLING IN PERCEPTUAL TRANSFORM AUDIO CODING  
(73) FRAUNHOFER-GESELLSCHAFT zur Förderung der angewandten Forschung e.V.  
(72) DISCH, Sascha  
    GAYER, Marc  
    HELMRICH, Christian  
    MARKOVIC, Goran  
    LUIS VALERO, Maria  
(31) 201361758209 P  
(32) 29.01.2013  
(33) United States of America
- 
- (51) G11B 7/005  
    G11B 7/007  
    G11B 20/10  
    G11B 20/18  
    G11B 7/24073  
(11) EP3385952  
(21) EP16870478.1  
(47) 26.08.2020  
(87) JP2016084407  
    08.06.2017  
(22) 21.11.2016  
(54) INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND PROGRAM  
(73) Sony Corporation  
(72) SAITO, Kimihiro  
    HORIGOME, Toshihiro  
(31) 2015235804  
(32) 02.12.2015  
(33) Japan
- 
- (51) G11C 13/00  
(11) EP3059736  
(21) EP15201793.5  
(47) 26.08.2020  
(22) 21.12.2015  
(54) WRITING AND VERIFYING CIRCUIT AND METHOD FOR WRITING AND VERIFYING RESISTIVE MEMORY THEREOF  
(73) Winbond Electronics Corp.  
(72) HUANG, Koying  
(31) 201514623507  
(32) 17.02.2015  
(33) United States of America
- 
- (51) G11C 16/04  
    G11C 16/06  
    G11C 16/08  
    G11C 16/10  
    G11C 16/34  
(11) EP3123478  
(21) EP15767747.7  
(47) 26.08.2020  
(87) US2015022865  
    01.10.2015  
(22) 27.03.2015  
(54) RAMPING INHIBIT VOLTAGE DURING MEMORY PROGRAMMING  
(73) Intel Corporation  
(72) RAJWADE, Shantanu  
    KALAVADE, Pranav  
    MIELKE, Neal  
    PARAT, Krishna  
    RAGHUNATHAN, Shyam Sunder  
(31) 201414228245  
(32) 27.03.2014  
(33) United States of America
- 
- (51) G16B 20/00  
    G16B 30/00  
    G16B 40/00  
(11) EP3298523  
(21) EP16725331.9  
(47) 26.08.2020  
(87) US2016032484  
    24.11.2016  
(22) 13.05.2016  
(54) METHODS AND SYSTEMS FOR COPY NUMBER VARIANT DETECTION  
(73) Regeneron Pharmaceuticals, Inc.  
(72) REID, Jeffrey  
    HABEGGER, Lukas  
    PACKER, Jonathan  
    MAXWELL, Evan  
(31) 201514714949  
(32) 18.05.2015  
(33) United States of America
- 
- (51) G16B 25/20  
(11) EP3000066  
(21) EP14734984.9  
(47) 26.08.2020  
(87) US2014039251  
    27.11.2014  
(22) 22.05.2014  
(54) SYSTEM AND METHODS FOR DETERMINATION OF TEMPERATURE CYCLING PROTOCOLS FOR POLYMERASE CHAIN REACTIONS  
(73) Chakrabarti Advanced Technology LLC  
(72) CHAKRABARTI, Raj  
(31) 201361826269 P  
    201461982108 P  
(32) 22.05.2013  
    21.04.2014  
(33) United States of America  
    United States of America
- 
- (51) G16H 20/10  
    G16H 20/17  
    G16H 50/50  
(11) EP2748747  
(21) EP12826823.2  
(47) 26.08.2020  
(87) US2012052422  
    07.03.2013  
(22) 26.08.2012  
(54) METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR ADAPTIVE ADVISORY CONTROL OF DIABETES  
(73) University of Virginia Patent Foundation  
(72) PATEK, Stephen, D.  
    KOVATCHEV, Boris, P.  
(31) 201161528129 P  
(32) 26.08.2011  
(33) United States of America
- 
- (51) G21C 17/022  
    G21F 9/00  
    G21F 9/12  
(11) EP3494579  
(21) EP18708918.0  
(47) 26.08.2020  
(87) EP2018053649  
    23.08.2018  
(22) 14.02.2018  
(54) PROCESS FOR THE REMOVAL OF A RADIONUCLIDE CONTAINING OXIDE-LAYER  
(73) Siempelkamp NIS Ingenieurgesellschaft mbH  
(72) THOMA, Markus  
    RUNGE, Hartmut  
    BECKER, Markus  
    LOEB, Andreas  
    SCHNEIDER, Laura  
    PRÜLLAGE, Anna  
    NIEDER, Dietmar  
(31) 102017102935  
(32) 14.02.2017  
(33) Germany
- 
- (51) G21F 5/008  
    G21F 5/12  
(11) EP3582231  
(21) EP18178093.3  
(47) 26.08.2020  
(22) 15.06.2018  
(54) CONTAINER FOR RADIOACTIVE WASTE MATERIALS AND CONTAINER ASSEMBLY  
(73) GNS Gesellschaft für Nuklear-Service mbH  
(72) Hüggenberg, Roland  
    Klöhn, Berthold
- 
- (51) H01B 3/04  
    H01B 3/08  
    H01B 7/02  
    H01B 7/29  
    H01B 7/295  
    H01B 11/02  
(11) EP3459085  
(21) EP17723119.8  
(47) 26.08.2020  
(87) EP2017061546

23.11.2017	(21) EP13811305.5	(51) H01F 7/18
(22) 13.05.2017	(47) 26.08.2020	H01H 47/32
(54) CABLE FOR DATA TRANSMISSION HAVING HIGH FIRE RESISTANCE	(87) US2013072555 12.06.2014	(11) EP2936532
(73) Ceam Cavi Speciali S.p.A.	(22) 02.12.2013	(21) EP13814148.6
(72) MAGON, Carlo	(54) SHIELDED CABLE	(47) 26.08.2020
GIACCARELLO, Davide	(73) 3M Innovative Properties Company	(87) EP2013077811 26.06.2014
(31) UA20163615	(72) GUNDEL, Douglas, B.	(22) 20.12.2013
(32) 19.05.2016	(31) 201261734156 P	(54) APPARATUS AND METHOD FOR OPERATING AN ELECTROMAGNETIC DRIVE FOR A SWITCHING DEVICE
(33) Italy	(32) 06.12.2012	(73) Eaton Intelligent Power Limited
(51) H01B 5/02	(33) United States of America	(72) SCHAAR, Ingo STEINNAGEL, Witali
H01L 21/60	(51) H01B 7/36	(31) 102012112692
H01L 23/00	H01B 13/34	(32) 20.12.2012
H01L 23/49	(11) EP3469604	(33) Germany
(11) EP2950335	(21) EP17729099.6	(51) H01F 17/00
(21) EP15169504.6	(47) 26.08.2020	H01L 23/498
(47) 26.08.2020	(87) EP2017063914 14.12.2017	(11) EP2973693
(22) 24.07.2008	(22) 08.06.2017	(21) EP14720314.5
(54) SEMICONDUCTOR DEVICE BONDING WIRE	(54) TRACEABLE POWER CABLE AND METHOD	(47) 26.08.2020
(73) NIPPON STEEL Chemical & Material Co., Ltd.	(73) Prysmian S.p.A.	(87) US2014024118 25.09.2014
Nippon Micrometal Corporation	(72) NEUMANN, Andreas	(22) 12.03.2014
(72) Uno, Tomohiro	LÜBBE, Frank	(54) CAPACITOR WITH A DIELECTRIC BETWEEN A VIA AND A PLATE OF THE CAPACITOR
Kimura, Keiichi	(31) PCT/EP2016/062959	(73) Qualcomm Incorporated
Terashima, Shinichi	(32) 08.06.2016	(72) LAN, Je-Hsiung
Yamada, Takashi	(33) World Intellectual Property Office (WIPO)	ZUO, Chengjie
Nishibayashi, Akihito	(51) H01F 3/10	YUN, Changhan
(31) 2007192193	H01F 27/36	BERDY, David F.
(32) 24.07.2007	H01F 38/14	KIM, Daeik D.
(33) Japan	B60L 53/12	MIKULKA, Robert P.
(51) H01B 5/02	(11) EP3558745	VELEZ, Mario Francisco
H01L 21/60	(21) EP17825212.8	KIM, Jonghae
H01L 23/00	(47) 26.08.2020	(31) 201313833632
H01L 23/49	(87) EP2017083782 28.06.2018	(32) 15.03.2013
(11) EP2960931	(22) 20.12.2017	(33) United States of America
(21) EP15169502.0	(54) A SECONDARY-SIDED ARRANGEMENT OF WINDING STRUCTURES AND A METHOD FOR MANUFACTURING A SECONDARY- SIDED ARRANGEMENT	(51) H01F 27/14 H05K 5/06
(47) 26.08.2020	(73) Bombardier Primove GmbH	(11) EP3121826
(22) 24.07.2008	(72) LINDT, Rudolf	(21) EP15177887.5
(54) COPPER BOND WIRE	GARCIA, Federico	(47) 26.08.2020
(73) NIPPON STEEL Chemical & Material Co., Ltd.	CZAINSKI, Robert	(22) 22.07.2015
Nippon Micrometal Corporation	ANDERS, Dominik	(54) RECEPTION DEVICE FOR RECEIVING INSULATING FLUID
(72) Uno, Tomohiro	KLINGSPOR, Alexander	(73) Siemens Aktiengesellschaft
Kimura, Keiichi	(31) 201621930	(72) REISING, Andreas
Terashima, Shinichi	(32) 22.12.2016	RUDOLPH, Oliver
Yamada, Takashi	(33) United Kingdom	(51) H01F 27/28 H01L 23/66 H03F 3/00
Nishibayashi, Akihito	(51) H01F 7/02	(11) EP2991085
(31) 2007192193	(11) EP2816573	(21) EP14182574.5
(32) 24.07.2007	(21) EP13744110.1	(47) 26.08.2020
(33) Japan	(47) 26.08.2020	(22) 28.08.2014
(51) H01B 7/04	(87) JP2013051104 08.08.2013	(54) Transformer
H01B 7/12	(22) 21.01.2013	(73) Ampleon Netherlands B.V.
(11) EP2763144	(54) MAGNETIC CIRCUIT	(72) Cuoco, Vittorio
(21) EP13306757.9	(73) Mitsubishi Electric Corporation	(51) H01G 2/02 H05K 7/12
(47) 26.08.2020	(72) OKADA, Masaaki	(11) EP2712287
(22) 18.12.2013	OGOMI, Tomokazu	(21) EP13185069.5
(54) Light weight dynamic subsea power cable	ASANO, Hiroyuki	(47) 26.08.2020
(73) Nexans	KISHIMOTO, Takeshi	(22) 19.09.2013
(72) Moen, Lars-Oyvind	SHIMOHATA, Kenji	
Hang, John	(31) 2012016847	
(31) 20130176	(32) 30.01.2012	
(32) 04.02.2013	(33) Japan	
(33) Norway		
(51) H01B 7/08		
H01B 11/20		
(11) EP2929546		

(54) A circuit board system comprising a spring fastened element	(51) H01G 11/26	(51) H01H 9/40
(73) Coriant Oy	H01G 11/50	H01H 71/40
(72) Holma, Antti	(11) EP2631924	H01H 73/48
Jekunen, Heikki	(21) EP11834098.3	(11) EP3343582
Laihonen, Jari-Pekka	(47) 26.08.2020	(21) EP17191831.1
(31) 20125982	(87) JP2011064773	(47) 26.08.2020
(32) 24.09.2012	26.04.2012	(22) 19.09.2017
(33) Finland	(22) 28.06.2011	(54) MOLDED-CASE CIRCUIT BREAKER FOR DC
(51) H01G 7/06	(54) LITHIUM ION CAPACITOR	(73) LSIS Co., Ltd.
(11) EP2361436	(73) JM Energy Corporation	(72) OH, Kihwan
(21) EP08742966.8	(72) NANSAKA, Kenji	(31) 20160184409
(47) 26.08.2020	TAGUCHI, Makoto	(32) 30.12.2016
(87) US2008004919	(31) 2010234276	(33) Korea (Republic)
02.10.2008	(32) 19.10.2010	(51) H01H 31/00
(22) 16.04.2008	(33) Japan	H01H 31/32
(54) CAPACITORS ADAPTED FOR ACOUSTIC RESONANCE CANCELLATION	(51) H01H 3/26	H01H 33/00
(73) NXP USA, Inc.	H01H 3/42	(11) EP3276647
(72) OAKES, James	H01H 33/666	(21) EP17180227.5
MARTIN, James	(11) EP3358587	(47) 26.08.2020
KOZYREV, Andrey	(21) EP17154638.5	(22) 07.07.2017
PRUDAN, Alexander	(47) 26.08.2020	(54) GROUNDING UNIT FOR A SWITCHING SYSTEM
(31) 726458	(22) 03.02.2017	(73) Siemens Aktiengesellschaft
890901	(54) A MEDIUM VOLTAGE SWITCHING APPARATUS	(72) Beutel, Stefan
(32) 22.03.2007	(73) ABB Schweiz AG	Kleinschmidt, Andreas
08.08.2007	(72) BOFFELLI, Carlo	Schneider, Ronny
(33) United States of America	JONSSON, Lars E.	(31) 102016214003
United States of America	HALÉN, Stefan	(32) 29.07.2016
(51) H01G 9/028	(51) H01H 3/42	(33) Germany
H01G 9/035	H01H 3/46	(51) H01H 31/10
(11) EP2881958	H01H 33/02	(11) EP3326189
(21) EP13825539.3	H01H 33/42	(21) EP16738789.3
(47) 26.08.2020	(11) EP3469615	(47) 26.08.2020
(87) JP2013070631	(21) EP17739930.0	(87) EP2016066743
06.02.2014	(47) 26.08.2020	26.01.2017
(22) 30.07.2013	(87) EP2017066991	(22) 14.07.2016
(54) SOLID ELECTROLYTIC CAPACITOR AND METHOD FOR MANUFACTURING SAME	08.02.2018	(54) MECHANICAL INTERLOCK MECHANISM FOR ELECTRICAL DEVICES
(73) Nippon Chemi-Con Corporation	(22) 06.07.2017	(73) Siemens Aktiengesellschaft
(72) KOSEKI, Kazuya	(54) TRANSMISSION OF A CIRCUIT BREAKER	(72) CHEN, Yan Ping
KURODA, Kouichi	(73) Siemens Aktiengesellschaft	LIU, Bin
KAWAKAMI, Junichi	(72) HÜBNER, Sebastian	PENG, Jun Cai
SAKAKURA, Masao	KREHNKE, Martin	SHAO, Yong Yu
(31) 2012169629	NOWAKOWSKI, Andrzej	ZHANG, Juan
(32) 31.07.2012	(31) 102016214221	BIRKHOLZ, Martin
(33) Japan	(32) 02.08.2016	GUENTHER, Rene
(51) H01G 9/20	(33) Germany	(31) 201510424930
H01L 51/42	(51) H01H 7/04	(32) 17.07.2015
(11) EP3491681	H01H 9/54	(33) China
(21) EP17743280.4	H01H 71/04	(51) H01H 33/662
(47) 26.08.2020	H01H 71/08	(11) EP3367410
(87) EP2017067633	H01R 9/26	(21) EP16856925.9
01.02.2018	H01R 13/717	(47) 26.08.2020
(22) 12.07.2017	H01R 25/14	(87) CN2016102795
(54) A METHOD FOR PRODUCING A PHOTOVOLTAIC DEVICE	H02B 1/052	27.04.2017
(73) Exeger Operations AB	H02B 1/20	(22) 21.10.2016
(72) LINDSTRÖM, Henrik	H05K 7/14	(54) MULTIFUNCTIONAL CAPACITANCE TYPE SLEEVE HAVING VACUUM ARC-EXTINGUISHING CHAMBER
FILI, Giovanni	(11) EP3447785	(73) Beijing Ruiheng Xinyuan Investment Co., Ltd
(31) 1651090	(21) EP18191740.2	(72) WANG, Huan
1651521	(47) 26.08.2020	(31) 201510696089
(32) 29.07.2016	(22) 23.05.2016	(32) 23.10.2015
21.11.2016	(54) CURRENT DISTRIBUTOR	(33) China
(33) Sweden	(73) Ellenberger & Poensgen GmbH	(51) H01H 33/70
Sweden	(72) FISCHER, Erich	
	WERNER, Klaus	
	(31) 102015213744	
	(32) 21.07.2015	
	(33) Germany	



H01H 33/74	(32) 30.10.2015	H01J 37/16
H01H 33/82	(33) China	H01J 37/18
H01H 33/90	(51) H01H 85/02	(11) EP2669925
(11) EP3469618	H01H 85/041	(21) EP13169946.4
(21) EP17739931.8	H01H 85/045	(47) 26.08.2020
(47) 26.08.2020	(11) EP3459102	(22) 31.05.2013
(87) EP2017067000	(21) EP17731200.6	(54) Improved ion beam processing and imaging using a plasma ion source
08.02.2018	(47) 26.08.2020	(73) FEI COMPANY
(22) 06.07.2017	(87) FR2017051177	(72) Miller, Tom
(54) INTERRUPTER UNIT FOR A CIRCUIT BREAKER	23.11.2017	Kellogg, Sean
(73) Siemens Aktiengesellschaft	(22) 16.05.2017	Zhang, Shouyin
(72) CERNAT, Radu-Marian	(54) FUSE CARTRIDGE	Maazouz, Mostafa
LEHMANN, Volker	(73) HAGER-ELECTRO SAS	Graupera, Anthony
NOWAKOWSKI, Andrzej	(72) KALISCHEK, Nicolas	(31) 201261653930 P
REICHERT, Frank	DECKERT, Denis	(32) 31.05.2012
(31) 102016214196	(31) 1654480	(33) United States of America
(32) 02.08.2016	(32) 19.05.2016	(51) H01J 40/14
(33) Germany	(33) France	(11) EP1472712
(51) H01H 33/90	(51) H01H 85/04	(21) EP03744589.7
(11) EP3419039	(11) EP3172756	(47) 26.08.2020
(21) EP17176899.7	(21) EP14835724.7	(87) US2003002193
(47) 26.08.2020	(47) 26.08.2020	25.09.2003
(22) 20.06.2017	(87) SI2014000073	(22) 24.01.2003
(54) ELECTRIC HIGH-VOLTAGE CIRCUIT BREAKER	28.01.2016	(54) SENSOR CONFIGURATION FOR SUBSTANTIAL SPACING FROM A SMALL APERTURE
(73) General Electric Technology GmbH	(22) 05.12.2014	(73) Gentex Corporation
(72) STELTER, Achim	(54) PRIMARY ELECTRIC CIRCUIT INTERRUPTING DEVICE, IN PARTICULAR FOR ELECTRIC VEHICLES	(72) BECHTEL, Jon, H. OCKERSE, Harold, C.
(51) H01H 50/32	(73) Razvojni Center eNem Novi Materiali d.o.o.	(31) 68540
H01H 50/64	(72) KOPRIVSEK, Mitja	(32) 06.02.2002
(11) EP3352195	(31) 201400266	(33) United States of America
(21) EP17152651.0	(32) 21.07.2014	(51) H01J 49/00
(47) 26.08.2020	(33) Slovenia	(11) EP3050074
(22) 23.01.2017	(51) H01J 23/15	(21) EP14772183.1
(54) ELECTROMECHANICAL RELAY WITH TEST BUTTON	(11) EP3537468	(47) 26.08.2020
(73) Tyco Electronics EC Trutnov s.r.o.	(21) EP19159050.4	(87) GB2014052813
(72) LEV, Pavel	(47) 26.08.2020	26.03.2015
KUBU, Petr	(22) 25.02.2019	(22) 17.09.2014
HOFMAN, Petr	(54) MAGNETRON FILTER BOARD FOR MICROWAVE OVEN	(54) PEAK ASSESSMENT FOR MASS SPECTROMETERS
MELISIK, Jan	(73) Rockwell Collins, Inc.	(73) Micromass UK Limited
(51) H01H 71/46	(72) PACHECO, Jorge	(72) DENNY, Richard
(11) EP3073507	COENEN, Martinus J.	SLATER, Paul
(21) EP15203040.9	(31) 201862641087 P	(31) 201316876
(47) 26.08.2020	201816215849	13185613
(22) 30.12.2015	(32) 09.03.2018	(32) 23.09.2013
(54) APPARATUS FOR AUXILIARY CONTACT OF CIRCUIT BREAKER	11.12.2018	23.09.2013
(73) LSIS Co., Ltd.	(33) United States of America	(33) United Kingdom
(72) CHO, Hyungeun	United States of America	European Patent Office (EPO)
(31) 20150040873	(51) H01J 23/54	(51) H01L 21/266
(32) 24.03.2015	H01J 25/50	H01L 21/8238
(33) Korea (Republic)	(11) EP3435402	H01L 21/84
(51) H01H 73/18	(21) EP16895547.4	(11) EP3041031
(11) EP3370246	(47) 26.08.2020	(21) EP15202051.7
(21) EP16858885.3	(87) JP2016088826	(47) 26.08.2020
(47) 26.08.2020	28.09.2017	(22) 22.12.2015
(87) CN2016100722	(22) 27.12.2016	(54) A METHOD OF PROVIDING AN IMPLANTED REGION IN A SEMICONDUCTOR STRUCTURE
04.05.2017	(54) MAGNETRON	(73) IMEC VZW
(22) 29.09.2016	(73) Toshiba Hokuto Electronics Corporation	(72) TAO, Zheng
(54) CIRCUIT-BREAKER AND BAFFLE THEREOF	(72) HIGASHI, Masatoshi	XU, Kaidong
(73) Seari Electric Technology Co., Ltd.	(31) 2016062477	(31) 14200613
Zhejiang Chint Electrics Co., Ltd.	(32) 25.03.2016	(32) 30.12.2014
(72) GE, Weijun	(33) Japan	(33) European Patent Office (EPO)
ZHANG, Shenhu	(51) H01J 37/02	(51) H01L 21/28
ZHOU, Changqing	H01J 37/08	
(31) 201510728363		

H01L 21/285	(11) EP2822039	(47) 26.08.2020
H01L 21/768	(21) EP13847740.1	(87) EP2013050930
H01L 23/532	(47) 26.08.2020	06.09.2013
H01L 29/161	(87) JP2013077862	(22) 18.01.2013
H01L 29/165	24.04.2014	(54) SEMICONDUCTOR MODULE
H01L 29/40	(22) 11.10.2013	HAVING INTEGRATED ANTENNA
H01L 29/45	(54) SEMICONDUCTOR DEVICE	STRUCTURES
H01L 29/739	(73) Fuji Electric Co., Ltd.	(73) Robert Bosch GmbH
H01L 29/768	(72) ONOZAWA, Yuichi	(72) MITTELSTRASS, Delf
H01L 29/78	TAKAHASHI, Hidenori	BINZER, Thomas
(11) EP2741318	YOSHIMURA, Takashi	(31) 102012203151
(21) EP12815245.1	(31) 2012229971	(32) 29.02.2012
(47) 26.08.2020	(32) 17.10.2012	(33) Germany
(87) JP2012068383	(33) Japan	<hr/>
24.01.2013	(51) H01L 21/337	(51) H01L 23/00
(22) 19.07.2012	H01L 29/06	H01L 25/075
(54) SEMICONDUCTOR ELEMENT AND	H01L 29/10	H01L 33/00
METHOD FOR MANUFACTURING	H01L 29/808	H01L 33/52
SEMICONDUCTOR ELEMENT	(11) EP3477706	(11) EP2725631
(73) Kabushiki Kaisha Kobe Seiko Sho (Kobe	(21) EP18200790.6	(21) EP13190235.5
Steel, Ltd.)	(47) 26.08.2020	(47) 26.08.2020
(72) MAEDA Takeaki	(22) 16.10.2018	(22) 25.10.2013
OKUNO, Hiroyuki	(54) LOW GATE CURRENT JUNCTION	(54) Method of Manufacturing LED Assembly
YOKOTA, Yoshihiro	FIELD EFFECT TRANSISTOR AND	using Liquid Molding Technologies
(31) 2011157571	METHOD OF MANUFACTURING THE	(73) FLEXTRONICS AP, LLC
(32) 19.07.2011	SAME	(72) Tam, Samuel
(33) Japan	(73) Analog Devices Global Unlimited	Kurwa, Murad
<hr/>	Company	Pang, Dick
(51) H01L 21/285	(72) COYNE, Edward John	(31) 201213660893
H01L 29/417	(31) 201715798182	(32) 25.10.2012
H01L 29/45	(32) 30.10.2017	(33) United States of America
(11) EP3422390	(33) United States of America	<hr/>
(21) EP18180973.2	(51) H01L 21/36	(51) H01L 23/057
(47) 26.08.2020	(11) EP3255656	H01L 23/66
(22) 29.06.2018	(21) EP16173384.5	(11) EP3098842
(54) METHOD FOR PRODUCING NI-	(47) 26.08.2020	(21) EP15740630.7
BASED INTERMETALLIC CONTACT ON	(22) 07.06.2016	(47) 26.08.2020
INXGA1-XAS	(54) A METHOD FOR FORMING A	(87) JP2015051904
(73) Commissariat à l'Energie Atomique et	VERTICAL HETERO-STACK AND A	30.07.2015
aux Energies Alternatives	DEVICE INCLUDING A VERTICAL	(22) 23.01.2015
(72) RODRIGUEZ, Philippe	HETERO-STACK	(54) PACKAGE FOR AN ELECTRONIC
ZHIOU, Seifeddine	(73) IMEC VZW	ELEMENT
NEMOUCHI, Fabrice	(72) DELABIE, Annelies	(73) Kyocera Corporation
GERGAUD, Patrice	ARMINI, Silvia	(72) KAWAZU, Yoshiki
(31) 1756022	<hr/>	(31) 2014011295
(32) 29.06.2017	(51) H01L 21/48	(32) 24.01.2014
(33) France	H01L 21/768	(33) Japan
<hr/>	H01L 23/14	<hr/>
(51) H01L 21/304	H01L 23/48	(51) H01L 23/31
H01L 21/683	H01L 23/498	H01L 23/44
(11) EP3159916	(11) EP2638568	H01L 23/473
(21) EP16195113.2	(21) EP11776940.6	H01L 23/495
(47) 26.08.2020	(47) 26.08.2020	H01L 25/07
(22) 21.10.2016	(87) US2011055129	H05K 7/20
(54) METHOD FOR THINNING SAMPLES	18.05.2012	(11) EP3138125
(73) COMMISSARIAT À L'ÉNERGIE	(22) 06.10.2011	(21) EP15718861.6
ATOMIQUE ET AUX ÉNERGIES	(54) THROUGH SILICON VIA WITH	(47) 26.08.2020
ALTERNATIVES	IMPROVED RELIABILITY	(87) EP2015058819
(72) DECHAMP, Jérôme	(73) Xilinx, Inc.	05.11.2015
MORICEAU, Hubert	(72) RAHMAN, Arifur	(22) 23.04.2015
ZUSSY, Marc	BANIJAMALI, Bahareh	(54) CIRCUIT ARRANGEMENT, AND
(31) 1560141	(31) 945700	CURRENT TRANSFORMER HAVING A
(32) 23.10.2015	(32) 12.11.2010	CIRCUIT ARRANGEMENT
(33) France	(33) United States of America	(73) Vitesco Technologies Germany GmbH
<hr/>	(51) H01L 23/00	(72) POLA, Olivier
(51) H01L 21/336	H01L 23/66	(31) 102014208255
H01L 29/06	H01Q 23/00	(32) 30.04.2014
H01L 29/40	(11) EP2820674	(33) Germany
H01L 29/423	(21) EP13701030.2	<hr/>
H01L 29/739		(51) H01L 23/34
H01L 29/78		H01L 23/49
		(11) EP3489994

(21) EP17204197.2	(87) JP2013079143	H01L 33/50
(47) 26.08.2020	08.05.2014	(11) EP3378105
(22) 28.11.2017	(22) 28.10.2013	(21) EP16801411.6
(54) DEVICE AND A METHOD AND A SYSTEM FOR ALLOWING THE RESTORATION OF AN INTERCONNECTION OF A DIE OF A POWER MODULE	(54) SEMICONDUCTOR DEVICE	(47) 26.08.2020
(73) Mitsubishi Electric Corporation	(73) Fuji Electric Co., Ltd.	(87) EP2016078047
(72) EWANCHUK, Jeffrey	(72) SOYANO, Shin	26.05.2017
(72) BRANDELERO, Julio	(31) 2012238285	(22) 17.11.2016
(72) MOLLOV, Stefan	2013136279	(54) SEMICONDUCTOR DEVICE
(73) Mitsubishi Electric Corporation	(32) 29.10.2012	(73) OSRAM Opto Semiconductors GmbH
(72) EWANCHUK, Jeffrey	28.06.2013	(72) PUST, Philipp
(72) BRANDELERO, Julio	(33) Japan	RACZ, David
(72) MOLLOV, Stefan	Japan	KÖLPER, Christopher
(51) H01L 23/34	(51) H01L 23/66	(31) 102015119817
H05K 7/20	H03F 1/02	(32) 17.11.2015
(11) EP2974576	H03F 1/30	(33) Germany
(21) EP14767495.6	H03F 1/56	(51) H01L 25/075
(47) 26.08.2020	H03F 3/195	H05K 1/05
(87) US2014027246	H03F 3/213	H05K 1/14
25.09.2014	H04L 29/06	H01L 33/64
(22) 14.03.2014	(11) EP3264597	F21V 29/60
(54) HEAT TRANSFER SYSTEM AND METHOD INCORPORATING TAPERED FLOW FIELD	(21) EP16177387.4	F21V 29/74
(73) Rochester Institute of Technology	(47) 26.08.2020	F21V 29/83
(72) KANDLIKAR, Satish, G.	(22) 30.06.2016	F21Y 105/16
(31) 201361782458 P	(54) DOHERTY AMPLIFIER CIRCUITS	F21Y 115/10
(32) 14.03.2013	(73) NXP B.V.	(11) EP3166145
(33) United States of America	(72) de Jong, Gerben Willem	(21) EP16195877.2
(51) H01L 23/40	van der Heijden, Mark Pieter	(47) 26.08.2020
(11) EP3273472	Bergervoet, Jozef Reinerus Maria	(22) 26.10.2016
(21) EP16186136.4	Vanhoucke, Tony	(54) AIR MIXING SYSTEM TO REDUCE THE TEMPERATURE OF LIGHT EMITTING DIODES OF A PHOTOCATALYTIC REACTOR
(47) 26.08.2020	Hoogzaad, Gian	(73) Honeywell International Inc.
(22) 29.08.2016	Zahariev, Ivan Mitkov	(72) SURE, Anita
(54) HEAT DISSIPATION ASSEMBLY	(51) H01L 25/075	KOLLATI, Vighneswara Rao
(73) Delta Electronics, Inc.	F21S 4/20	DESAI, Raghuvveer Hanumanthrao
(72) WU, CHIH-CHI	(11) EP3193075	(31) 201514935075
(72) LIN, I-Shen	(21) EP16202166.1	(32) 06.11.2015
(31) 201620776101 U	(47) 26.08.2020	(33) United States of America
(32) 22.07.2016	(22) 05.12.2016	(51) H01L 27/144
(33) China	(54) LED LIGHT EMITTING STRIP AND ARRANGEMENT OF LED LIGHT EMITTING STRIPS	H01L 27/146
(51) H01L 23/40	(73) vosla GmbH	H01L 31/0352
H01L 23/473	(72) WINKLER, Markus	H01L 31/103
(11) EP3459110	BÖTTCHER, Matthias	(11) EP2713409
(21) EP16733971.2	ENENKEL, Martin	(21) EP12186405.2
(47) 26.08.2020	(31) 201614996429	(47) 26.08.2020
(87) EP2016065587	(32) 15.01.2016	(22) 27.09.2012
04.01.2018	(33) United States of America	(54) PHOTODIODE WITH A FIELD ELECTRODE FOR REDUCING THE SPACE CHARGE REGION
(22) 01.07.2016	(51) H01L 25/075	(73) ams AG
(54) COOLING BOX UNIT AND POWER ELECTRONICS DEVICE HAVING A COOLING BOX UNIT	F21Y 115/10	(72) Teva, Jordi
(73) Siemens Aktiengesellschaft	H05B 33/08	(51) H01L 27/146
(72) DELCHMANN, Wilhelm	(11) EP3560295	(11) EP3528288
(72) FREY, Alexander	(21) EP17832744.1	(21) EP18214935.1
(72) HÜTTNER, Sebastian	(47) 26.08.2020	(47) 26.08.2020
(72) KÜBEL, Thomas	(87) EP2017081883	(22) 20.06.2014
(72) ZUBER, Michael	28.06.2018	(54) GATE-CONTROLLED CHARGE MODULATED DEVICE FOR CMOS IMAGE SENSORS
(51) H01L 23/552	(22) 07.12.2017	(73) Stratio, Inc.
H01L 25/07	(54) MULTI-MODE POLARIZED SPOT WITH ELECTRICALLY ADJUSTABLE POLARIZATION STATE	(72) LEE, Jae, Hyung
H01L 25/16	(73) Signify Holding B.V.	NA, Yeul
H01L 25/18	(72) SWEEGERS, Norbertus, Antonius, Maria	KIM, Youngsik
H02M 7/00	DE SAMBER, Marc, Andre	JUNG, Woo-Shik
H05K 7/14	CORNELISSEN, Hugo, Johan	(31) 201361837557 P
H05K 9/00	(31) 16205218	201462002045 P
H02M 7/48	(32) 20.12.2016	(32) 20.06.2013
(11) EP2922092	(33) European Patent Office (EPO)	
(21) EP13851700.8	(51) H01L 25/075	
(47) 26.08.2020	H01L 33/08	

22.05.2014	(32) 02.06.2015	20.10.2017
(33) United States of America	(33) United States of America	(33) Korea (Republic)
United States of America	(51) H01L 29/225	Korea (Republic)
(51) H01L 27/32	H01L 33/40	(51) H01L 31/0224
(11) EP3021364	H01L 33/44	H01L 31/18
(21) EP15194703.3	H01L 33/46	(11) EP2628190
(47) 26.08.2020	(11) EP2018671	(21) EP11811521.1
(22) 16.11.2015	(21) EP06802931.3	(47) 26.08.2020
(54) NARROW BEZEL LARGE AREA	(47) 26.08.2020	(87) DE2011075252
ORGANIC LIGHT EMITTING DIODE	(87) US2006034464	28.06.2012
DISPLAY	29.11.2007	(22) 14.10.2011
(73) LG Display Co., Ltd.	(22) 31.08.2006	(54) SOLAR CELL HAVING A DIELECTRIC
(72) KIM, Jungchul	(54) LOW OPTICAL LOSS ELECTRODE	REAR FACE COATING AND METHOD
(31) 20140159172	STRUCTURES FOR LEDS	FOR PRODUCING SAME
(32) 14.11.2014	(73) Bridgelux, Inc.	(73) RCT Solutions GmbH
(33) Korea (Republic)	(72) SHUM, Frank T.	(72) TEPPE, Andreas
(51) H01L 27/32	SO, William W.	MÜNZER, Adolf
H01L 51/52	LESTER, Steven D.	SCHÖNE, Jan
(11) EP3343662	(31) 437570	HEIN, Mathias
(21) EP17207627.5	(32) 19.05.2006	WINTER, Peter
(47) 26.08.2020	(33) United States of America	(31) 102010048437
(22) 15.12.2017	(51) H01L 29/423	(32) 15.10.2010
(54) ORGANIC LIGHT EMITTING DISPLAY	H01L 29/66	(33) Germany
DEVICE	H01L 29/788	(51) H01L 31/0224
(73) LG Display Co., Ltd.	H01L 27/115	H01L 31/18
(72) BANG, Hyungseok	(11) EP3320561	H01L 31/068
YOON, JongGeun	(21) EP16741416.8	(11) EP3101696
(31) 20160183644	(47) 26.08.2020	(21) EP14880771.2
(32) 30.12.2016	(87) US2016038241	(47) 26.08.2020
(33) Korea (Republic)	19.01.2017	(87) JP2014081746
(51) H01L 27/32	(22) 17.06.2016	06.08.2015
H01L 51/52	(54) SPLIT GATE NON-VOLATILE MEMORY	(22) 01.12.2014
(11) EP2932530	CELL HAVING A FLOATING GATE,	(54) SOLAR CELL AND SOLAR CELL
(21) EP13862914.2	WORD LINE AND ERASE GATE	MANUFACTURING METHOD
(47) 26.08.2020	(73) Silicon Storage Technology, Inc.	(73) Shin-Etsu Chemical Co., Ltd.
(87) KR2013011437	(72) YANG, Jeng-Wei	(72) MITTA, Ryo
19.06.2014	WU, Man-Tang	WATABE, Takenori
(22) 11.12.2013	CHEN, Chun-Ming	OTSUKA, Hiroyuki
(54) ORGANIC LIGHT EMITTING DEVICE	TADAYONI, Mandana	(31) 2014016450
AND METHOD OF MANUFACTURING	SU, Chien-Sheng	(32) 31.01.2014
THE SAME	DO, Nhan	(33) Japan
(73) LG Display Co., Ltd.	(31) 201562191047 P	(51) H01L 31/0304
(72) KIM, Min Ki	201615182527	H01L 31/0312
PARK, Han Sun	(32) 10.07.2015	H01L 31/18
DO, Eui Doo	14.06.2016	H01L 31/0687
(31) 20120144928	(33) United States of America	H01L 31/0735
20130150356	United States of America	(11) EP2439789
(32) 12.12.2012	(51) H01L 29/66	(21) EP10013379.2
05.12.2013	H01L 29/786	(47) 26.08.2020
(33) Korea (Republic)	(11) EP3422419	(22) 06.10.2010
Korea (Republic)	(21) EP18179057.7	(54) Inverted multijunction solar cells with
(51) H01L 29/15	(47) 26.08.2020	group IV/III-V hybrid alloys
(11) EP3295484	(22) 21.06.2018	(73) SolAero Technologies Corp.
(21) EP16728814.1	(54) THIN-FILM TRANSISTOR INCLUDING	(72) Sharps, Paul
(47) 26.08.2020	OXIDE SEMICONDUCTOR LAYER,	Newman, Fred
(87) US2016035223	METHOD OF MANUFACTURING THE	(51) H01L 31/048
08.12.2016	SAME, AND DISPLAY APPARATUS	H01L 31/049
(22) 01.06.2016	INCLUDING THE SAME	(11) EP3563423
(54) METHOD FOR MAKING ENHANCED	(73) LG Display Co., Ltd.	(21) EP17818594.8
SEMICONDUCTOR STRUCTURES	(72) Lee, HeeSung	(47) 26.08.2020
IN SINGLE WAFER PROCESSING	Kim, SungKi	(87) EP2017084537
CHAMBER WITH DESIRED	Kim, MinCheol	05.07.2018
UNIFORMITY CONTROL	Kim, SeungJin	(22) 22.12.2017
(73) Atomera Incorporated	Park, JeeHo	(54) A PHOTOVOLTAIC PACKAGING, AND
(72) MEARS, Robert, J.	Im, Seoyeon	A METHOD FOR MANUFACTURING
CODY, Nyles	(31) 20170081022	SUCH A PHOTOVOLTAIC PACKAGING
STEPHENSON, Robert, John	20170136199	(73) SABIC Global Technologies B.V.
(31) 201562169885 P	(32) 27.06.2017	(72) VAN GIESEN, Roland

STEENBAKKERS-MENTING, Henrica Norberta Alberta Maria BERCX, Rick Robert Emilie VAN DER VEN, Maud Corrina Willie	(54) III-P SEMICONDUCTOR LIGHT- EMITTING DEVICE AND METHOD OF FABRICATING A III-P SEMICONDUCTOR LIGHT-EMITTING DEVICE	(51) H01L 51/00 H01L 51/52 (11) EP2983224 (21) EP14848913.1 (47) 26.08.2020 (87) KR2014009232 02.04.2015 (22) 30.09.2014 (54) ORGANIC ELECTRONIC DEVICE (73) LG Display Co., Ltd. (72) CHOI, Jun Rye LEE, Jung Hyoung (31) 20130116193 20130153464 (32) 30.09.2013 10.12.2013 (33) Korea (Republic) Korea (Republic)
(31) 17150032 (32) 02.01.2017 (33) European Patent Office (EPO)	(73) Lumileds Holding B.V. (72) CHUNG, Theodore MUNKHOLM, Anneli	(22) 30.09.2014 (54) ORGANIC ELECTRONIC DEVICE (73) LG Display Co., Ltd. (72) CHOI, Jun Rye LEE, Jung Hyoung (31) 20130116193 20130153464 (32) 30.09.2013 10.12.2013 (33) Korea (Republic) Korea (Republic)
(51) H01L 31/18 H01L 31/0687 H01L 27/142 H01L 31/05	(31) 494988 (32) 30.06.2009 (33) United States of America	(22) 30.09.2014 (54) ORGANIC ELECTRONIC DEVICE (73) LG Display Co., Ltd. (72) CHOI, Jun Rye LEE, Jung Hyoung (31) 20130116193 20130153464 (32) 30.09.2013 10.12.2013 (33) Korea (Republic) Korea (Republic)
(11) EP2412032 (21) EP10722815.7 (47) 26.08.2020 (87) US2010028351 30.09.2010 (22) 23.03.2010 (54) SOLAR CELL ASSEMBLY WITH COMBINED HANDLE SUBSTRATE AND BYPASS DIODE AND METHOD	(51) H01L 33/06 H01L 33/14 H01L 33/32 (11) EP3331035 (21) EP16830000.2 (47) 26.08.2020 (87) JP2016003021 02.02.2017 (22) 22.06.2016 (54) GROUP III NITRIDE SEMICONDUCTOR LIGHT-EMITTING ELEMENT AND MANUFACTURING METHOD THEREFOR	(22) 30.09.2014 (54) ORGANIC ELECTRONIC DEVICE (73) LG Display Co., Ltd. (72) CHOI, Jun Rye LEE, Jung Hyoung (31) 20130116193 20130153464 (32) 30.09.2013 10.12.2013 (33) Korea (Republic) Korea (Republic)
(73) The Boeing Company (72) KUKULKA, Jerry R. (31) 413353 (32) 27.03.2009 (33) United States of America	(73) DOWA Electronics Materials Co., Ltd. (72) WATANABE, Yasuhiro FUJITA, Takehiko	(22) 22.06.2016 (54) GROUP III NITRIDE SEMICONDUCTOR LIGHT-EMITTING ELEMENT AND MANUFACTURING METHOD THEREFOR (73) DOWA Electronics Materials Co., Ltd. (72) WATANABE, Yasuhiro FUJITA, Takehiko (31) 2015151052 (32) 30.07.2015 (33) Japan
(51) H01L 33/00 (11) EP2365535 (21) EP10193470.1 (47) 26.08.2020 (22) 02.12.2010 (54) Substrate for fabricating light emitting device and method for fabricating the light emitting device	(31) 2015151052 (32) 30.07.2015 (33) Japan	(22) 22.06.2016 (54) GROUP III NITRIDE SEMICONDUCTOR LIGHT-EMITTING ELEMENT AND MANUFACTURING METHOD THEREFOR (73) DOWA Electronics Materials Co., Ltd. (72) WATANABE, Yasuhiro FUJITA, Takehiko (31) 2015151052 (32) 30.07.2015 (33) Japan
(73) LG Innotek Co., Ltd. (72) Jeong, Hwan Hee (31) 20100020648 (32) 09.03.2010 (33) Korea (Republic)	(51) H01L 41/08 H02N 2/00 H02N 2/02 H02N 2/04 H02N 2/06	(22) 22.06.2016 (54) GROUP III NITRIDE SEMICONDUCTOR LIGHT-EMITTING ELEMENT AND MANUFACTURING METHOD THEREFOR (73) DOWA Electronics Materials Co., Ltd. (72) WATANABE, Yasuhiro FUJITA, Takehiko (31) 2015151052 (32) 30.07.2015 (33) Japan
(51) H01L 33/00 H01L 33/46 H01L 33/50	(11) EP3430652 (21) EP17711143.2 (47) 26.08.2020 (87) EP2017056114 21.09.2017 (22) 15.03.2017 (54) PIEZOELECTRIC DRIVE (73) Physik Instrumente (PI) GmbH & Co. KG (72) MARTH, Harry BOCSKAI, Dominik	(22) 22.06.2016 (54) GROUP III NITRIDE SEMICONDUCTOR LIGHT-EMITTING ELEMENT AND MANUFACTURING METHOD THEREFOR (73) DOWA Electronics Materials Co., Ltd. (72) WATANABE, Yasuhiro FUJITA, Takehiko (31) 2015151052 (32) 30.07.2015 (33) Japan
(11) EP3251156 (21) EP15820083.2 (47) 26.08.2020 (87) EP2015080033 04.08.2016 (22) 16.12.2015 (54) METHOD FOR PRODUCING AN OPTOELECTRONIC SEMICONDUCTOR COMPONENT	(31) 102016104803 (32) 15.03.2016 (33) Germany	(22) 15.03.2017 (54) PIEZOELECTRIC DRIVE (73) Physik Instrumente (PI) GmbH & Co. KG (72) MARTH, Harry BOCSKAI, Dominik (31) 102016104803 (32) 15.03.2016 (33) Germany
(73) OSRAM Opto Semiconductors GmbH (72) LINKOV, Alexander HERRMANN, Siegfried	(51) H01L 51/00 (11) EP2939228 (21) EP13868158.0 (47) 26.08.2020 (87) KR2013012104 03.07.2014 (22) 24.12.2013 (54) FLEXIBLE DISPLAY DEVICE (73) LG Display Co., Ltd. (72) LEE, Chan Woo PARK, Jong Hyun KIM, Tae Woo CHOI, Jae Kyung YOUN, Sang Cheon MIN, Sung Joon KWON, Se Yeoul LEE, Kwon Hyung	(22) 15.03.2017 (54) PIEZOELECTRIC DRIVE (73) Physik Instrumente (PI) GmbH & Co. KG (72) MARTH, Harry BOCSKAI, Dominik (31) 102016104803 (32) 15.03.2016 (33) Germany
(31) 102015101143 (32) 27.01.2015 (33) Germany	(51) H01L 51/00 H02N 2/00 H02N 2/02 H02N 2/04 H02N 2/06	(22) 15.03.2017 (54) PIEZOELECTRIC DRIVE (73) Physik Instrumente (PI) GmbH & Co. KG (72) MARTH, Harry BOCSKAI, Dominik (31) 102016104803 (32) 15.03.2016 (33) Germany
(51) H01L 33/02 H01L 33/14 H01L 33/30 H01L 33/38 H01L 33/40	(31) 102016104803 (32) 15.03.2016 (33) Germany	(22) 15.03.2017 (54) PIEZOELECTRIC DRIVE (73) Physik Instrumente (PI) GmbH & Co. KG (72) MARTH, Harry BOCSKAI, Dominik (31) 102016104803 (32) 15.03.2016 (33) Germany
(11) EP2449605 (21) EP10726298.2 (47) 26.08.2020 (87) IB2010052367 06.01.2011 (22) 27.05.2010	(51) H01L 51/00 H01L 51/56 (11) EP3016163 (21) EP14847748.2 (47) 26.08.2020 (87) KR2014009242 02.04.2015 (22) 30.09.2014 (54) LAMINATE AND MANUFACTURING METHOD THEREFOR (73) LG Display Co., Ltd. (72) MOON, Young Kyun KANG, Minsoo (31) 20130116197 (32) 30.09.2013	(22) 15.03.2017 (54) PIEZOELECTRIC DRIVE (73) Physik Instrumente (PI) GmbH & Co. KG (72) MARTH, Harry BOCSKAI, Dominik (31) 102016104803 (32) 15.03.2016 (33) Germany

(33) Korea (Republic)	H01M 10/613	26.05.2017
(51) H01L 51/54	H01M 10/625	(22) 14.11.2016
(11) EP3316334	H01M 10/6551	(54) ELECTRODE CARTRIDGE AND ZINC SECONDARY CELL USING SAME
(21) EP17198447.9	H01M 10/6554	(73) NGK Insulators, Ltd.
(47) 26.08.2020	H01M 10/6556	(72) GONDA Yuichi
(22) 26.10.2017	(11) EP3525257	YAMADA Naohito
(54) ORGANIC LIGHT EMITTING DIODE AND ORGANIC LIGHT EMITTING DISPLAY DEVICE	(21) EP19155733.9	KITOH Kenshin
(73) LG Display Co., Ltd.	(47) 26.08.2020	(31) 2015223800
(72) JOO, Sung-Hoon	(22) 06.02.2019	(32) 16.11.2015
YOO, Seon-Keun	(54) BATTERY ARRANGEMENT FOR STRUCTURALLY INTEGRATING BATTERIES IN A VEHICLE	(33) Japan
YOON, Seung-Hee	(73) AIRBUS HELICOPTERS	(51) H01M 2/14
SHIN, Ji-Cheol	DEUTSCHLAND GmbH	H01M 2/16
(31) 20160143283	Airbus Defence and Space GmbH	H01M 10/06
(32) 31.10.2016	(72) Kristian, Zimmermann	D04H 1/4218
(33) Korea (Republic)	Petr, Schejbal	D04H 1/4382
(51) H01L 51/54	(31) 102018202114	(11) EP2973781
(11) EP3544076	(32) 12.02.2018	(21) EP14769150.5
(21) EP19163558.0	(33) Germany	(47) 26.08.2020
(47) 26.08.2020	(51) H01M 2/10	(87) US2014020484
(22) 18.03.2019	H01M 10/6555	25.09.2014
(54) ORGANIC LIGHT-EMITTING DEVICE AND ELECTRONIC APPARATUS INCLUDING THE SAME	(11) EP2600463	(22) 05.03.2014
(73) Samsung Display Co., Ltd.	(21) EP11811960.1	(54) THREE-REGION BATTERY SEPARATOR
(72) KO, Soobyung	(47) 26.08.2020	(73) Hollingsworth & Vose Company
KIM, Sungbum	(87) JP2011002532	(72) CLEMENT, Nicolas
PARK, Junha	02.02.2012	ASHIRGADE, Akshay
SIM, Munki	(22) 02.05.2011	(31) 201313834597
AHN, Heechoon	(54) BATTERY MODULE	(32) 15.03.2013
LEE, Hyoyoung	(73) Panasonic Intellectual Property Management Co., Ltd.	(33) United States of America
JEON, Mina	(72) TAKASAKI, Hiroshi	(51) H01M 2/16
JUN, Mieun	HOSOTANI, Naoto	H01M 4/02
HAN, Junghoon	ASAIDA, Yasuhiro	H01M 4/38
KIM, Youngkook	EJIMA, Tsuneyuki	H01M 4/134
HWANG, Seokhwan	NAKASHIMA, Takuya	H01M 10/0525
(31) 20180033482	(31) 2010172456	H01M 10/058
(32) 22.03.2018	(32) 30.07.2010	H01M 10/0583
(33) Korea (Republic)	(33) Japan	H01M 10/0585
(51) H01M 2/10	(51) H01M 2/12	(11) EP3522263
H01M 10/052	H01M 2/34	(21) EP17855081.0
H01M 10/0525	(11) EP3255704	(47) 26.08.2020
H01M 10/056	(21) EP17000953.4	(87) IB2017001380
H01M 10/0565	(47) 26.08.2020	05.04.2018
H01M 10/0585	(22) 06.06.2017	(22) 28.09.2017
H01M 10/0587	(54) POWER BATTERY TOP COVER AND POWER BATTERY	(54) SECONDARY CELL
B60L 58/10	(73) Contemporary Amperex Technology Co., Limited	(73) Renault S.A.S.
(11) EP3067980	(72) LI, Quankun	Envision AESC Japan Ltd.
(21) EP14859812.1	GUO, Jian	(72) HONDA, Takashi
(47) 26.08.2020	Wang, Peng	NARUOKA, Yoshinori
(87) JP2014004415	Deng, Pinghua	YOSHINO, Satoshi
14.05.2015	ZHU, Lingbo	(31) 2016191862
(22) 28.08.2014	(31) 201610399363	(32) 29.09.2016
(54) BATTERY, ELECTROLYTE, BATTERY PACK, ELECTRONIC APPARATUS, ELECTRIC VEHICLE, ELECTRICITY STORAGE DEVICE, AND POWER SYSTEM	(32) 07.06.2016	(33) Japan
(73) Murata Manufacturing Co., Ltd.	(33) China	(51) H01M 2/22
(72) HATTA, Kazuhito	(51) H01M 2/14	H01M 2/26
KAGAMI, Keiichi	H01M 2/16	(11) EP3043404
SHIMOSAKA, Nobuaki	H01M 4/24	(21) EP15196088.7
KOGA, Keizo	H01M 4/32	(47) 26.08.2020
(31) 2013229672	H01M 4/74	(22) 24.11.2015
(32) 05.11.2013	H01M 10/28	(54) SECONDARY BATTERY
(33) Japan	H01M 10/34	(73) Samsung SDI Co., Ltd.
(51) H01M 2/10	(11) EP3358654	(72) Kim, Hakkyu
	(21) EP16866280.7	(31) 20150001942
	(47) 26.08.2020	(32) 07.01.2015
	(87) JP2016083734	(33) Korea (Republic)
		(51) H01M 4/02
		H01M 4/38
		H01M 4/62

(11) EP2543097	H01M 10/42	H01M 10/654
(21) EP11708622.3	H01M 10/48	H01M 10/6553
(47) 26.08.2020	(11) EP3535795	(11) EP2939294
(87) US2011026581	(21) EP17811398.1	(21) EP13866928.8
09.09.2011	(47) 26.08.2020	(47) 26.08.2020
(22) 01.03.2011	(87) US2017059465	(87) CN2013083375
(54) COMPOSITE NEGATIVE ELECTRODE MATERIALS	11.05.2018	03.07.2014
(73) Johnson Matthey Public Limited Company	(22) 01.11.2017	(22) 12.09.2013
(72) OBROVAC, Mark N.	(54) POSITIVE BATTERY TERMINAL ANTENNA GROUND PLANE	(54) BATTERY
FLODQUIST, Marc	(73) Duracell U.S. Operations, Inc.	(73) BYD Company Limited
(31) 716354	(72) BOURILKOV, Jordan	(72) SHEN, Xi
(32) 03.03.2010	RIEMER, Joern	JIANG, Luxia
(33) United States of America	PAVLINSKY, Robert	ZHU, Jianhua
(51) H01M 4/04	SPECHT, Steven, J.	HU, Shichao
H01M 10/0525	TURCO, George	WANG, Gaowu
H01M 10/0562	CORONADO, Sergio	GU, Hongjuan
H01M 10/0565	(31) 201615340737	(31) 201210566932
(11) EP2814091	(32) 01.11.2016	201210566506
(21) EP13171347.1	(33) United States of America	201220720224 U
(47) 26.08.2020	(51) H01M 8/02	(32) 25.12.2012
(22) 11.06.2013	H01M 8/0206	25.12.2012
(54) Solid state battery with surface ion-diffusion enhancement coating and method for manufacturing thereof.	H01M 8/0271	(33) China
(73) IMEC VZW	H01M 8/0273	China
(72) Vereecken, Philippe M.	H01M 8/0286	China
Huyghebaert, Cedric	H01M 8/12	(51) H01M 10/052
(51) H01M 4/36	H01M 8/124	H01M 10/0565
H01M 4/38	H01M 8/242	H01M 10/0568
H01M 10/052	(11) EP3291344	H01M 10/0569
(11) EP3236516	(21) EP16789530.9	H01G 11/22
(21) EP14908420.4	(47) 26.08.2020	H01G 11/52
(47) 26.08.2020	(87) JP2016063157	H01G 11/56
(87) JP2014083476	10.11.2016	(11) EP3261164
23.06.2016	(22) 27.04.2016	(21) EP15882812.9
(22) 17.12.2014	(54) FUEL-CELL POWER GENERATION UNIT AND FUEL-CELL STACK	(47) 26.08.2020
(54) NEGATIVE-ELECTRODE ACTIVE MATERIAL FOR ELECTRICAL DEVICE, AND ELECTRICAL DEVICE USING SAME	(73) MORIMURA SOFC TECHNOLOGY CO., LTD.	(87) KR2015013675
(73) Nissan Motor Co., Ltd.	(72) MORIKAWA, Tetsuya	25.08.2016
(72) KABURAGI, Tomohiro	(31) 2015093872	(22) 14.12.2015
WATANABE, Manabu	(32) 01.05.2015	(54) GEL POLYMER ELECTROLYTE, METHOD FOR PREPARING SAME, AND ELECTROCHEMICAL DEVICE COMPRISING SAME
CHIBA, Nobutaka	(33) Japan	(73) Jenax Inc.
MIKI, Humihiro	(51) H01M 8/026	(72) LEE, Sang Young
TANIMURA, Makoto	H01M 8/0297	KIM, Se Hee
(51) H01M 4/66	H01M 8/12	CHO, Sung Ju
H01M 10/052	H01M 8/243	(31) 20150024262
(11) EP3624240	(11) EP2704243	(32) 17.02.2015
(21) EP19164862.5	(21) EP12776006.4	(33) Korea (Republic)
(47) 26.08.2020	(47) 26.08.2020	(51) H01M 10/42
(22) 25.03.2019	(87) KR2012002487	H01M 10/48
(54) CURRENT COLLECTOR, ELECTRODE PLATE AND ELECTROCHEMICAL DEVICE	01.11.2012	G01R 31/36
(73) Contemporary Amperex Technology Co., Limited	(22) 03.04.2012	(11) EP3535800
(72) LIN, Jinwei	(54) CONNECTING MATERIAL FOR A PIPE-SHAPED SOLID OXIDE FUEL CELL, AND PIPE-SHAPED SOLID OXIDE FUEL CELL STACK INCLUDING SAME	(21) EP17840512.2
WU, Zuyu	(73) Mico Co. Ltd.	(47) 26.08.2020
LI, Keqiang	(72) HAN, Ki Moon	(87) US2017059466
WU, Congmiao	CHOI, Song Ho	11.05.2018
ZHU, Taosheng	LIM, Chong Sik	(22) 01.11.2017
(31) 201811083345	(31) 20110038469	(54) REUSABLE BATTERY INDICATOR WITH ELECTRICAL LOCK AND KEY
(32) 17.09.2018	(32) 25.04.2011	(73) Duracell U.S. Operations, Inc.
(33) China	(33) Korea (Republic)	(72) RIEMER, Joern
(51) H01M 6/08	(51) H01M 10/04	PAVLINSKY, Robert
	H01M 10/0525	BOURILKOV, Jordan
	H01M 10/0585	SPECHT, Steven, J.
	H01M 10/0587	TURCO, George
	H01M 10/617	CORONADO, Sergio
		(31) 201615340789

(32) 01.11.2016	(51) H01Q 1/04	(72) XIAO, Weihong
(33) United States of America	H01Q 1/34	LIAO, Zhiqiang
(51) H01P 1/17	(11) EP3223360	(51) H01Q 1/32
H01P 5/12	(21) EP17161746.7	H01Q 3/04
H01Q 13/02	(47) 26.08.2020	H01Q 3/24
H01Q 21/00	(22) 20.03.2017	H01Q 21/20
H01Q 21/06	(54) DUAL-LOOP ANTENNA FOR AN	H04B 7/06
H01Q 21/24	IMMERSED VEHICLE	H04W 4/40
H01Q 25/00	(73) THALES	(11) EP3383076
H01Q 5/55	(72) NGO BUI HUNG, Frédéric	(21) EP18164533.4
(11) EP3114732	LAMY-BERGOT, Catherine	(47) 26.08.2020
(21) EP15710074.4	CHULOT, Didier	(22) 28.03.2018
(47) 26.08.2020	(31) 1600476	(54) VEHICLE-MOUNTED MILLIMETER-
(87) US2015019007	(32) 22.03.2016	WAVE COMMUNICATION DEVICE AND
11.09.2015	(33) France	COMMUNICATION METHOD
(22) 05.03.2015	(51) H01Q 1/12	(73) Toyota Jidosha Kabushiki Kaisha
(54) WAVEGUIDE FEED NETWORK	H03K 17/96	(72) SAI, Seii
ARCHITECTURE FOR WIDEBAND,	(11) EP2795720	(31) 2017067612
LOW PROFILE, DUAL POLARIZED	(21) EP12783939.7	(32) 30.03.2017
PLANAR HORN ARRAY ANTENNAS	(47) 26.08.2020	(33) Japan
(73) ViaSat, Inc.	(87) EP2012071424	(51) H01Q 1/36
(72) BONGARD, Frédéric	27.06.2013	H01Q 11/08
VACCARO, Stefano	(22) 30.10.2012	H01Q 5/50
(31) 201461949008 P	(54) COMPOUND GLAZING WITH	(11) EP3314694
(32) 06.03.2014	ANTENNA STRUCTURE AND	(21) EP16840547.0
(33) United States of America	INTEGRATED BUTTON	(47) 26.08.2020
(51) H01P 1/36	(73) SAINT-GOBAIN GLASS FRANCE	(87) CN2016076351
H01P 1/38	(72) SCHMALBUCH, Klaus	09.03.2017
(11) EP2710665	(31) 11194451	(22) 15.03.2016
(21) EP12782822.6	(32) 20.12.2011	(54) MULTI-FILAR HELICAL ANTENNA
(47) 26.08.2020	(33) European Patent Office (EPO)	(73) Huawei Technologies Co., Ltd.
(87) US2012036660	(51) H01Q 1/22	(72) HYJAZIE, Fayez
15.11.2012	H01Q 1/24	TONG, Wen
(22) 04.05.2012	H01Q 3/24	WATSON, Paul Robert
(54) APPARATUS AND METHODS RELATED	H01Q 3/26	(31) 201514839192
TO FERRITE BASED CIRCULATORS	H01Q 21/20	(32) 28.08.2015
(73) Skyworks Solutions, Inc.	(11) EP2614555	(33) United States of America
(72) CRUICKSHANK, David, Bowie	(21) EP11823988.8	(51) H01Q 3/00
MURRAY, Brian	(47) 26.08.2020	H04B 7/06
(31) 201161483595 P	(87) US2011050313	H04B 7/08
(32) 06.05.2011	15.03.2012	H04B 7/02
(33) United States of America	(22) 02.09.2011	(11) EP3479494
(51) H01P 3/00	(54) CONFIGURING ANTENNA ARRAYS OF	(21) EP17819359.5
H01P 3/08	MOBILE WIRELESS DEVICES USING	(47) 26.08.2020
H01P 11/00	MOTION SENSORS	(87) CN2017091196
(11) EP3093917	(73) Qualcomm Incorporated	04.01.2018
(21) EP15167192.2	(72) HUSTED, Paul J.	(22) 30.06.2017
(47) 26.08.2020	SMITH, Jeffrey L.	(54) SYSTEM AND METHOD FOR HYBRID
(22) 11.05.2015	(31) 879186	BEAMFORMING DIVERSITY
(54) A SUSPENDED 2D SIGNAL LINE	(32) 10.09.2010	(73) Huawei Technologies Co., Ltd.
FOR CIRCUITS, AND ASSOCIATED	(33) United States of America	(72) CHENG, Qian
APPARATUS AND METHODS	(51) H01Q 1/24	XIAO, Weimin
(73) Nokia Technologies Oy	H01Q 1/36	LIU, Jialing
(72) Haque, Md Samiul	H01Q 1/48	(31) 201615199301
(51) H01P 5/12	H01Q 3/32	(32) 30.06.2016
H01P 5/16	H01Q 3/44	(33) United States of America
H03H 7/48	H01Q 19/10	(51) H01Q 3/26
(11) EP3080865	H01Q 21/00	H01Q 3/44
(21) EP13899198.9	H01Q 21/24	H04B 10/11
(47) 26.08.2020	H01Q 21/26	H04B 10/90
(87) SE2013051511	(11) EP3361567	(11) EP3382797
18.06.2015	(21) EP15907014.3	(21) EP16868250.8
(22) 13.12.2013	(47) 26.08.2020	(47) 26.08.2020
(54) POWER DIVIDER AND POWER	(87) CN2015093455	(87) JP2016077009
COMBINER	04.05.2017	01.06.2017
(73) Saab AB	(22) 30.10.2015	(22) 13.09.2016
(72) VICKES, Hans-Olof	(54) ANTENNA SYSTEM	(54) PHASED ARRAY ANTENNA
	(73) Huawei Technologies Co., Ltd.	(73) Fujikura Ltd.



<p>(72) HASEGAWA, Yuta GUAN, Ning (31) 2015229843 (32) 25.11.2015 (33) Japan</p> <hr/> <p>(51) H01Q 3/26 H04B 17/11 H04B 17/21 (11) EP3309980 (21) EP17196691.4 (47) 26.08.2020 (22) 16.10.2017 (54) WIRELESS DEVICE AND RADIO FREQUENCY CHANNEL CALIBRATION METHOD (73) Huawei Technologies Co., Ltd. (72) RUAN, Wei LI, Qian WANG, Mingyue TAN, Hongyi ZHAO, Xi (31) 201610901193 (32) 17.10.2016 (33) China</p> <hr/> <p>(51) H01Q 9/04 H01Q 13/10 H01Q 21/24 H01Q 5/378 (11) EP3533109 (21) EP17788243.8 (47) 26.08.2020 (87) EP2017077315 03.05.2018 (22) 25.10.2017 (54) ARRANGEMENT COMPRISING ANTENNA ELEMENTS (73) Kaelus Antennas AB (72) LINDMARK, Björn (31) 1651391 (32) 25.10.2016 (33) Sweden</p> <hr/> <p>(51) H01Q 13/06 H01Q 19/19 H01Q 5/47 H01Q 5/55 (11) EP3419113 (21) EP17893209.1 (47) 26.08.2020 (87) CN2017072085 26.07.2018 (22) 22.01.2017 (54) DUAL-FREQUENCY ANTENNA (73) Huawei Technologies Co., Ltd. (72) LUO, Xin LIN, Hongyong GUO, Zhili</p> <hr/> <p>(51) H01R 4/18 H01R 13/11 H01R 13/187 H01R 43/055 H01R 43/16 (11) EP3251172 (21) EP16701971.0 (47) 26.08.2020 (87) EP2016052001 04.08.2016 (22) 29.01.2016</p>	<p>(54) CONTACT ELEMENT AND EQUIPPING ARRANGEMENT WITH SAID CONTACT ELEMENT (73) TE Connectivity Germany GmbH (72) LEHNER, Antonio JETTER, Rolf GLOMBITZA, Erik BLUEMMELE, Uwe BALTES, Marcel (31) 102015201635 (32) 30.01.2015 (33) Germany</p> <hr/> <p>(51) H01R 4/20 H01R 9/05 H01R 43/048 (11) EP3573185 (21) EP19169373.8 (47) 26.08.2020 (22) 16.04.2019 (54) TERMINAL CRIMPING METHOD AND TERMINAL CRIMPING STRUCTURE (73) YAZAKI CORPORATION (72) MASUDA, Satoki SATO, Yoshinao IDA, Takeo HAYASHI, Junpei (31) 2018097223 (32) 21.05.2018 (33) Japan</p> <hr/> <p>(51) H01R 4/58 H01R 25/14 (11) EP3276757 (21) EP17179053.8 (47) 26.08.2020 (22) 30.06.2017 (54) BUSBAR CONNECTOR AND SET CONSISTING OF TWO COMPLEMENTARY BUSBAR CONNECTORS AND METAL TROUGHS CONTAINING POWER CONDUCTOR PROFILE (73) Wago Verwaltungsgesellschaft mbH (72) GASSAUER, Herr Stephan WENIG, Fabian (31) 102016114070 (32) 29.07.2016 (33) Germany</p> <hr/> <p>(51) H01R 9/03 H01R 13/512 (11) EP3542417 (21) EP17797925.9 (47) 26.08.2020 (87) EP2017078910 24.05.2018 (22) 10.11.2017 (54) DEVICE FOR CONNECTING CONDUCTORS AND CONNECTION ASSEMBLY COMPRISING SUCH A DEVICE (73) Safran Aerosystems (72) PELLETIER, Yannick BRAJARD, Fabrice (31) 1661219 (32) 18.11.2016 (33) France</p> <hr/> <p>(51) H01R 11/01 H01R 13/11 H01R 25/14</p>	<p>(11) EP3262719 (21) EP16756449.1 (47) 26.08.2020 (87) US2016019782 01.09.2016 (22) 26.02.2016 (54) ELECTRICAL CONTACT RECEPTACLE FOR BUS BARS AND BLADE TERMINALS (73) Byrne, Norman R. Steelcase Inc. (72) KNAPP, Robert L. MEEK, Steven K. ANDREE, Matthew R. BATTEY, David J. (31) 201562121571 P (32) 27.02.2015 (33) United States of America</p> <hr/> <p>(51) H01R 11/28 H01R 13/44 H01R 13/447 H01R 13/621 (11) EP3419119 (21) EP18179135.1 (47) 26.08.2020 (22) 21.06.2018 (54) MODULE CONNECTOR (73) TE Connectivity Germany GmbH (72) KAEHNY, Frank LISTING, Martin GRZYWOK, Wilhelm (31) 102017210425 202018100111 U (32) 21.06.2017 10.01.2018 (33) Germany Germany</p> <hr/> <p>(51) H01R 12/70 H01R 12/78 B60Q 1/26 B60Q 1/34 B60Q 1/44 F21V 17/10 F21V 23/06 H01L 51/52 H05K 1/14 H05K 1/18 F21Y 115/15 F21S 43/14 F21S 43/145 F21S 43/19 F21S 45/10 F21S 45/33 F21S 45/60 (11) EP3290780 (21) EP17001288.4 (47) 26.08.2020 (22) 26.07.2017 (54) LAMP ASSEMBLY FOR VEHICLE COMPRISING A PLURALITY OF OLED MODULES (73) ZKW Group GmbH (72) LEE, Jonghak (31) 20160097569 (32) 29.07.2016 (33) Korea (Republic)</p> <hr/> <p>(51) H01R 12/71 H01R 12/73</p>
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

H01R 12/91	(31) 201414477116	(47) 26.08.2020
H01R 24/50	(32) 04.09.2014	(87) EP2017000528
(11) EP3482461	(33) United States of America	14.12.2017
(21) EP18735259.6	(51) H01R 13/627	(22) 28.04.2017
(47) 26.08.2020	H01R 13/639	(54) COAXIAL PLUG CONNECTOR
(87) EP2018067279	H01R 13/66	(73) Rosenberger Hochfrequenztechnik
04.04.2019	H02K 11/22	GmbH & Co. KG
(22) 27.06.2018	B60L 53/16	(72) LÖDDING, Thomas
(54) ELECTRIC CONTACT DEVICE	B60L 53/18	MAIER, Christian
(73) Rosenberger Hochfrequenztechnik	(11) EP3252879	ARMBRECHT, Gunnar, Dr.
GmbH & Co. KG	(21) EP16172315.0	SCHMID, Thomas
(72) Dandl, Christian	(47) 26.08.2020	(31) 102016006923
Schwarz, Benedikt	(22) 31.05.2016	(32) 06.06.2016
(31) 102017009066	(54) ACTUATOR MODULE FOR CHARGE	(33) Germany
(32) 28.09.2017	INLETS	(51) H01R 13/6582
(33) Germany	(73) TE Connectivity Germany GmbH	H01R 24/38
(51) H01R 12/75	(72) Heiss, Dominik	H01R 13/187
H04Q 1/02	Wittrock, Frank	(11) EP3396793
H05K 1/18	Weyrauch, Dirk	(21) EP17168727.0
H05K 7/14	(51) H01R 13/6581	(47) 26.08.2020
(11) EP3139447	H01R 9/05	(22) 28.04.2017
(21) EP15802417.4	H01R 43/16	(54) CONTACT BODY FOR A CONNECTOR
(47) 26.08.2020	(11) EP3422493	(73) Rosenberger Hochfrequenztechnik
(87) CN2015079196	(21) EP18178882.9	GmbH & Co. KG
10.12.2015	(47) 26.08.2020	(72) BREDBECK, Till
(22) 18.05.2015	(22) 20.06.2018	ZEBHAUSER, Martin
(54) BACKBOARD AND COMMUNICATION	(54) METHOD FOR FORMING A SHIELDED	HOENADL, Florian
DEVICE	ELECTRICAL CONNECTOR AND AN	(51) H01R 13/6592
(73) Huawei Technologies Co., Ltd.	ELECTRICAL CONNECTOR FORMED	H01R 9/05
(72) ZHANG, Guodong	BY SAID METHOD	H01R 13/512
ZHANG, Jian	(73) Aptiv Technologies Limited	H01R 43/28
SHU, Jianping	(72) MORELLO, John R.	(11) EP3547457
(31) 201410251151	RAINEY, James M.	(21) EP19163329.6
(32) 06.06.2014	(31) 201762524795 P	(47) 26.08.2020
(33) China	201815988133	(22) 18.03.2019
(51) H01R 13/03	(32) 26.06.2017	(54) CONNECTOR AND ELECTRIC WIRE
H01R 13/24	24.05.2018	WITH CONNECTOR
H01R 13/627	(33) United States of America	(73) Yazaki Corporation
(11) EP3503304	United States of America	(72) MORI, Yuki
(21) EP17306829.7	(51) H01R 13/6581	(31) 2018057623
(47) 26.08.2020	H01R 13/516	(32) 26.03.2018
(22) 19.12.2017	H01R 4/2433	(33) Japan
(54) ELECTRICAL CONTACT ELEMENT OF	H01R 4/2454	(51) H01R 24/86
A PLUG SYSTEM	(11) EP3075033	H01R 13/625
(73) Nexans	(21) EP14808535.0	H01R 13/639
(72) STEINBERG, Helmut	(47) 26.08.2020	H01R 107/00
(51) H01R 13/52	(87) EP2014075307	(11) EP3322046
H01R 31/02	28.05.2015	(21) EP17201020.9
H02G 15/013	(22) 21.11.2014	(47) 26.08.2020
(11) EP3451463	(54) ARRANGEMENT FOR AN ELECTRICAL	(22) 10.11.2017
(21) EP17306142.5	CONNECTOR	(54) LINEAR CONNECTION ASSEMBLY
(47) 26.08.2020	(73) TE Connectivity Germany GmbH	FOR ELECTRICAL CONDUCTORS
(22) 04.09.2017	(72) JÄGER, Stefan	WITH HIGH LOCKING RELIABILITY
(54) ASSEMBLY FOR CONNECTION OF	STRELOW, Markus	(73) A.A.G. Stucchi S.r.l.
ELECTRICAL LINES	SCHMIDT, Ralf	(72) STUCCHI, Aristide
(73) Nexans	KANG, Ingon	(31) 201600113670
(72) HUSCHER, Rainer	SCHRETTLINGER, Christian	(32) 10.11.2016
SENDER, Kai	HAUCKE, Matthias	(33) Italy
(51) H01R 13/622	SZELAG, Martin	(51) H01R 25/14
H01R 13/639	(31) 102013224042	H02G 5/00
(11) EP2993739	(32) 25.11.2013	(11) EP3503311
(21) EP15183738.2	(33) Germany	(21) EP18211032.0
(47) 26.08.2020	(51) H01R 13/6581	(47) 26.08.2020
(22) 03.09.2015	H01R 24/40	(22) 07.12.2018
(54) CIRCULAR CONNECTORS	H01R 43/16	(54) CURRENT GUIDING PROFILE
(73) Conesys, Inc.	H01R 103/00	(73) Wago Verwaltungsgesellschaft mbH
(72) Bates III, Charles L	(11) EP3465841	(72) GASSAUER, Stephan
Edwards, Robert M	(21) EP17722372.4	Tumoseit, Jörg

(31) 102017130571	(32) 09.04.2014	(54) METHOD AND APPARATUS FOR
(32) 19.12.2017	(33) Japan	DETECTING VECTOR SHIFT
(33) Germany	(51) H01T 13/20	(73) ABB Schweiz AG
(51) H01S 3/00	H01T 21/02	(72) Suomi, Frej
H01S 3/10	(11) EP2624382	(51) H02J 1/00
H01S 4/00	(21) EP11828325.8	H02J 1/08
(11) EP3410548	(47) 26.08.2020	H02J 1/10
(21) EP18184271.7	(87) JP2011005023	H02J 1/12
(47) 26.08.2020	05.04.2012	H02J 7/00
(22) 25.05.2004	(22) 07.09.2011	H02J 7/14
(54) CHIRPED PULSE AMPLIFIER FOR A	(54) SPARK PLUG AND MANUFACTURING	H02J 7/34
FIBER OPTIC SYSTEM	METHOD FOR SAME	B60L 3/00
(73) IMRA America, Inc.	(73) NGK SPARK PLUG CO., LTD.	B60L 58/20
(72) GU, Xinhua	(72) YOSHIDA, Haruki	(11) EP3561982
UEHARA, Yuzuru	HONDA, Toshitaka	(21) EP19165788.1
HARTER, Donald J.	FUKUSHIMA, Houju	(47) 26.08.2020
(31) 606829	(31) 2010224264	(22) 28.03.2019
(32) 27.06.2003	(32) 01.10.2010	(54) POWER REDUNDANCY SYSTEM
(33) United States of America	(33) Japan	(73) YAZAKI CORPORATION
(51) H01S 3/094	(51) H02G 3/08	(72) WATARU, Kazuhisa
H04B 10/291	(11) EP3322055	KAZUMI, Kenji
(11) EP3443690	(21) EP16198223.6	(31) 2018086961
(21) EP17718871.1	(47) 26.08.2020	(32) 27.04.2018
(47) 26.08.2020	(22) 10.11.2016	(33) Japan
(87) EP2017058968	(54) ASSEMBLY WITH AN ELECTRICAL	(51) H02J 3/01
19.10.2017	INSTALLATION SOCKET AND A TUBE	H02J 3/38
(22) 13.04.2017	ADAPTER WHICH CAN BE FIXED TO	H02M 1/12
(54) CODIRECTIONAL ROPA SUPPLIED	THE ELECTRICAL INSTALLATION	H02M 7/44
WITH POWER VIA A SEPARATE FIBER	SOCKET	H02M 7/48
TRANSMITTING DATA IN OPPOSITE	(73) Günther Spelsberg GmbH & Co. KG	(11) EP3487057
DIRECTION	(72) Hauck, Dirk	(21) EP18206000.4
(73) Xieon Networks S.à r.l.	(51) H02G 3/12	(47) 26.08.2020
(72) RAPP, Lutz	(11) EP2947734	(22) 21.04.2014
COSTA, Nelson	(21) EP15168428.9	(54) RESONANCE SUPPRESSION DEVICE
(31) 16165658	(47) 26.08.2020	(73) Fuji Electric Co., Ltd.
(32) 15.04.2016	(22) 20.05.2015	(72) MURAKAMI, Kenya
(33) European Patent Office (EPO)	(54) ELECTRICAL INSTALLATION DEVICE	JINTSUGAWA, Toru
(51) H01S 5/183	FOR CONCRETE CONSTRUCTION	KOIKE, Tomohiro
H01S 5/34	(73) Günther Spelsberg GmbH & Co. KG	KOFUJI, Kentaro
H01S 5/343	(72) Edelhoff, Detlef	(31) PCT/JP2013/062386
(11) EP3266080	Zborowski, Zbigniew	(32) 26.04.2013
(21) EP16709512.4	Proswitz, André	(33) World Intellectual Property Office (WIPO)
(47) 26.08.2020	Spelsberg, Holger	(51) H02J 3/14
(87) GB2016050550	(31) 102014107085	H02J 3/28
09.09.2016	(32) 20.05.2014	H02J 3/32
(22) 02.03.2016	(33) Germany	H02J 3/38
(54) VERTICAL-CAVITY SURFACE-	(51) H02G 3/18	H01M 8/04089
EMITTING LASER	(11) EP3035467	H01M 8/04223
(73) Lancaster University Business	(21) EP15200466.9	H01M 8/04228
Enterprises Limited	(47) 26.08.2020	H01M 8/04303
(72) HAYNE, Manus	(22) 16.12.2015	H01M 8/0612
HODGSON, Peter David	(54) CONTROL DEVICE OF FLUSH TYPE	H01M 8/124
(31) 201503498	FOR AT LEAST ONE ELECTRIC USER	(11) EP3333951
(32) 02.03.2015	APPLIANCE	(21) EP17197694.7
(33) United Kingdom	(73) Bticino S.p.A.	(47) 26.08.2020
(51) H01T 13/16	(72) BRAGHINI, Roberto	(22) 23.10.2017
H01T 13/36	RIVA, Paolo	(54) FUEL CELL APPARATUS
(11) EP3131164	(31) MI20142169	(73) Robert Bosch GmbH
(21) EP15776682.5	(32) 17.12.2014	(72) Matter, Maren
(47) 26.08.2020	(33) Italy	Feilmeier, Christin
(87) JP2015001115	(51) H02H 3/44	Carre, Maxime
15.10.2015	H02H 3/46	Haefelin, Andreas
(22) 03.03.2015	H02J 3/38	(31) 102016224497
(54) SPARK PLUG	(11) EP3093943	(32) 08.12.2016
(73) NGK SPARK PLUG CO., LTD.	(21) EP15167513.9	(33) Germany
(72) KOBAYASHI, Tsutomu	(47) 26.08.2020	(51) H02J 3/14
IGARASHI, Tomoyuki	(22) 13.05.2015	H04L 12/12
(31) 2014079844		H04L 12/26

G06Q 10/06	26.07.2016	(73) Shin-Etsu Chemical Co., Ltd.
(11) EP2420020	(33) World Intellectual Property Office (WIPO)	(72) WATANABE, Naoki
(21) EP10764926.1	China	DOI, Yuhito
(47) 26.08.2020	(51) H02J 7/00	(31) 2015085200
(87) US2010030244	H02J 7/34	(32) 17.04.2015
21.10.2010	A24F 40/20	(33) Japan
(22) 07.04.2010	A24F 40/40	(51) H02K 1/22
(54) SYSTEM AND METHOD OF	A24F 40/95	H02K 15/03
MONITORING AND OPTIMIZING	(11) EP3530130	(11) EP3560084
POWER QUALITY IN A NETWORK	(21) EP18159021.7	(21) EP17816462.0
(73) Howard University	(47) 26.08.2020	(47) 26.08.2020
(72) MOMOH, James	(22) 27.02.2018	(87) EP2017079746
(31) 425764	(54) SMOKING APPARATUS	09.08.2018
(32) 17.04.2009	(73) Imperial Tobacco Ventures Limited	(22) 20.11.2017
(33) United States of America	(72) Adams, James	(54) PRODUCTION METHOD AND
(51) H02J 3/38	Callaghan, Christopher	DISASSEMBLY METHOD FOR A
H02M 1/00	Beer, Andreas	ROTARY PERMANENTLY EXCITED
H02M 3/158	(51) H02J 7/00	ELECTRICAL MACHINE
H02N 10/00	H02J 7/34	(73) Siemens Aktiengesellschaft
H02M 7/49	H02J 9/00	(72) BRAUN, Jochen
(11) EP3176933	H02J 9/06	(31) 17153953
(21) EP17150670.2	H02M 1/00	(32) 31.01.2017
(47) 26.08.2020	H02M 5/458	(33) European Patent Office (EPO)
(22) 15.03.2013	(11) EP3402037	(51) H02K 1/27
(54) HIGH EFFICIENCY INTERLEAVED	(21) EP18156750.4	(11) EP2677631
SOLAR POWER SUPPLY SYSTEM	(47) 26.08.2020	(21) EP13172899.0
(73) AMPT, LLC	(22) 11.03.2014	(47) 26.08.2020
(72) Ledenev, Anatoli	(54) UNINTERRUPTIBLE POWER	(22) 19.06.2013
(51) H02J 3/38	SUPPLYING METHOD AND	(54) Cylindrical magnetic circuit and
H04B 3/54	UNINTERRUPTIBLE POWER SUPPLY	producing method thereof
H02M 7/483	(73) Huawei Technologies Co., Ltd.	(73) Shin-Etsu Chemical Co., Ltd.
H02M 7/49	(72) CHENG, Yang	(72) Doi, Yuhito
(11) EP3378151	LIU, Peiguo	Higuchi, Dai
(21) EP16866749.1	CAI, Mita	Hashimoto, Shingo
(47) 26.08.2020	(31) 201310269839	(31) 2012138590
(87) SE2016051113	(32) 28.06.2013	(32) 20.06.2012
26.05.2017	(33) China	(33) Japan
(22) 11.11.2016	(51) H02J 7/00	(51) H02K 1/27
(54) COMMON LINE COMMUNICATION IN	H04W 28/04	H02K 15/12
CASCADED INVERTERS	H02J 50/00	(11) EP3429061
(73) ABB Schweiz AG	(11) EP3499682	(21) EP18176955.5
(72) BERGQUIST, Gustav	(21) EP19155344.5	(47) 26.08.2020
LINDGREN, Anders	(47) 26.08.2020	(22) 11.06.2018
MODEER, Tomas	(22) 29.06.2015	(54) CLAMP DEVICE AND ROTOR FOR AN
(31) 1551492	(54) WIRELESS POWER TRANSFER	ELECTRIC MACHINE
(32) 18.11.2015	METHOD, APPARATUS AND SYSTEM	(73) Robert Bosch GmbH
(33) Sweden	(73) LG Electronics Inc.	(72) Lange, Fabian
(51) H02J 7/00	(72) PARK, Yongcheol	Stahl, Andreas
H02J 7/04	LEE, Hyunbeom	(31) 102017211882
H02J 7/10	(31) 201462028587 P	(32) 12.07.2017
H02M 3/335	201462035727 P	(33) Germany
H02J 7/02	20150046444	(51) H02K 3/12
(11) EP3282547	(32) 24.07.2014	H02K 15/06
(21) EP17746712.3	11.08.2014	(11) EP3285366
(47) 26.08.2020	01.04.2015	(21) EP16827777.0
(87) CN2017070537	(33) United States of America	(47) 26.08.2020
10.08.2017	United States of America	(87) JP2016071147
(22) 07.01.2017	Korea (Republic)	26.01.2017
(54) TERMINAL CHARGING SYSTEM,	(51) H02K 1/02	(22) 19.07.2016
CHARGING METHOD, AND POWER	H02K 1/27	(54) STATOR AND METHOD OF
ADAPTER	H02K 5/173	MANUFACTURING STATOR
(73) GUANGDONG OPPO MOBILE	H02K 16/02	(73) AISIN AW CO., LTD.
TELECOMMUNICATIONS CORP., LTD.	H02K 21/24	(72) KOGA, Kiyotaka
(72) TIAN, Chen	(11) EP3082236	HASHIMOTO, Shingo
ZHANG, Jialiang	(21) EP16164582.5	SATO, Shingo
(31) PCT/CN2016/073679	(47) 26.08.2020	(31) 2015146223
201610600612	(22) 08.04.2016	(32) 23.07.2015
(32) 05.02.2016	(54) AXIAL GAP TYPE ROTATING MACHINE	

(33) Japan	(22) 06.02.2013	(87) EP2017074938
(51) H02K 3/38	(54) Method for producing a rotor and rotor	19.04.2018
(11) EP2949026	(73) KSB SE & Co. KGaA	(22) 02.10.2017
(21) EP14706076.8	(72) Bosbach, Franz Gerhard	(54) CONTROL DEVICE FOR A DC
(47) 26.08.2020	Gontermann, Daniel	CONVERTER, DC CONVERTER, AND
(87) IB2014000060	Könen, Michael	METHOD FOR CONTROLLING A DC
31.07.2014	(31) 102012202018	CONVERTER
(22) 22.01.2014	(32) 10.02.2012	(73) Robert Bosch GmbH
(54) STATOR, STATOR MANUFACTURING	(33) Germany	(72) ESTEHLAL, Gholamabas
METHOD, AND ROTARY ELECTRIC	(51) H02K 15/02	(31) 102016219740
MACHINE	H02K 15/12	(32) 11.10.2016
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	H02K 33/06	(33) Germany
(72) HATTORI, Hiroyuki	(11) EP2795773	(51) H02M 3/158
(31) 2013009511	(21) EP12810253.0	H02M 1/32
2014003498	(47) 26.08.2020	H02M 1/36
(32) 22.01.2013	(87) EP2012076230	H05B 33/08
10.01.2014	27.06.2013	H05B 45/37
(33) Japan	(22) 19.12.2012	(11) EP3376833
Japan	(54) MINIATURE LINEAR VIBRATOR	(21) EP18160837.3
(51) H02K 3/38	(73) Centre National de la Recherche	(47) 26.08.2020
H02K 3/50	Scientifique	(22) 09.03.2018
H02K 3/51	Sorbonne Université	(54) DRIVE CIRCUIT AND LIGHT EMITTING
H02K 9/10	(72) HAYWARD, Vincent	DEVICE
H02K 9/14	BERREZAG, Amir	(73) Ricoh Company, Ltd.
H02K 9/19	DIETZ, George	Kyushu Institute of Technology
H02K 9/20	(31) 1161874	(72) Oka, Yuuki
H02K 55/00	(32) 19.12.2011	Ueno, Tsuyoshi
H02K 55/04	(33) France	Abe, Seiya
(11) EP2506405	(51) H02K 19/34	(31) 2017053047
(21) EP12160627.1	H02K 19/38	(32) 17.03.2017
(47) 26.08.2020	(11) EP3032716	(33) Japan
(22) 21.03.2012	(21) EP15199120.5	(51) H02P 1/16
(54) Cooling of superconducting machines	(47) 26.08.2020	H02P 6/22
(73) Rolls-Royce plc	(22) 10.12.2015	H02P 25/089
(72) Cullen, John James Anthony	(54) DUAL-OUTPUT GENERATORS	(11) EP3331157
Knott, David Sydney	(73) Hamilton Sundstrand Corporation	(21) EP17200503.5
(31) 201105404	(72) SPIERLING, Todd A.	(47) 26.08.2020
(32) 31.03.2011	WELCH, Timothy R.	(22) 08.11.2017
(33) United Kingdom	(31) 201414565697	(54) METHOD AND CONTROL UNIT
(51) H02K 3/50	(32) 10.12.2014	FOR CONTROLLING A SWITCHED
H02K 7/18	(33) United States of America	RELUCTANCE MOTOR
H02K 9/04	(51) H02M 1/00	(73) Miele & Cie. KG
H02K 11/01	H02M 1/12	(72) Balzer, Eugen
(11) EP3252928	H02M 7/5395	(31) 102016123335
(21) EP16172892.8	H02M 7/48	(32) 02.12.2016
(47) 26.08.2020	H02M 7/5387	(33) Germany
(22) 03.06.2016	(11) EP3484037	(51) H02P 3/18
(54) STATOR ASSEMBLY WITH A	(21) EP18213860.2	H02P 25/14
CABLE WIRING ARRANGEMENT,	(47) 26.08.2020	(11) EP2947765
GENERATOR AND WIND TURBINE	(22) 13.07.2009	(21) EP15168493.3
WITH SUCH A STATOR ASSEMBLY	(54) INVERTER CONTROL CIRCUIT AND	(47) 26.08.2020
(73) Siemens Gamesa Renewable Energy A/	UTILITY INTERACTIVE INVERTER	(22) 20.05.2015
S	SYSTEM WITH INVERTER CONTROL	(54) ELECTRONIC BRAKING FOR A
(72) Lemma, Edom	CIRCUIT	UNIVERSAL MOTOR IN A POWER
Thygesen, Claus	(73) Daihen Corporation	TOOL
(51) H02K 7/102	(72) HATTORI, Nobuyuki	(73) Black & Decker Inc.
(11) EP3035503	MOROTOMI, Noriyuki	(72) Usselman, Robert Alan
(21) EP14198182.9	TSUKIYAMA, Daisuke	Nosov, Anatoliy
(47) 26.08.2020	(31) 2008232838	(31) 201462000758 P
(22) 16.12.2014	2008310712	(32) 20.05.2014
(54) Dynamoelectric machine with a brake	(32) 11.09.2008	(33) United States of America
(73) Siemens Aktiengesellschaft	05.12.2008	(51) H02P 6/00
(72) Eckert, Frank	(33) Japan	H02P 29/00
(51) H02K 15/02	Japan	H02P 29/02
(11) EP2626989	(51) H02M 3/158	(11) EP3118991
(21) EP13154126.0	(11) EP3526891	(21) EP14885405.2
(47) 26.08.2020	(21) EP17777899.0	(47) 26.08.2020
	(47) 26.08.2020	(87) JP2014056746

- 17.09.2015  
(22) 13.03.2014  
(54) MOTOR CONTROL DEVICE, MOTOR CONTROL SYSTEM, MOTOR CONTROL METHOD, AND MOTOR CONTROL PROGRAM  
(73) Kabushiki Kaisha Yaskawa Denki  
(72) OKA, Yusuke  
OKUBO, Tadashi
- 
- (51) H02P 9/00  
H02P 9/10  
H02P 9/30  
(11) EP3391529  
(21) EP16813068.0  
(47) 26.08.2020  
(87) EP2016081616  
22.06.2017  
(22) 16.12.2016  
(54) MULTI-STAGE SYNCHRONOUS GENERATOR  
(73) Safran Electrical & Power  
(72) DUDLEY, Neil  
(31) 201522395  
(32) 18.12.2015  
(33) United Kingdom
- 
- (51) H02P 29/62  
(11) EP3136591  
(21) EP16186331.1  
(47) 26.08.2020  
(22) 30.08.2016  
(54) MOTOR DRIVING APPARATUS AND HOME APPLIANCE INCLUDING THE SAME  
(73) LG ELECTRONICS INC.  
(72) PARK, Cheonsu  
(31) 20150122849  
(32) 31.08.2015  
(33) Korea (Republic)
- 
- (51) H02S 10/30  
(11) EP3523876  
(21) EP17826319.0  
(47) 26.08.2020  
(87) IT2017000218  
19.04.2018  
(22) 09.10.2017  
(54) THERMOPHOTOVOLTAIC PANEL AND A METHOD FOR MAKING A THERMOPHOTOVOLTAIC PANEL  
(73) Alma Mater Studiorum - Università di Bologna  
(72) FABBRI, Giampietro  
GREPPI, Matteo  
PROLI, Paolo  
(31) 201600101227  
(32) 10.10.2016  
(33) Italy
- 
- (51) H02S 20/24  
(11) EP3410598  
(21) EP18175228.8  
(47) 26.08.2020  
(22) 30.05.2018  
(54) CONSTRUCTION ELEMENT FOR A SUPPORT STRUCTURE FOR SOLAR PANELS, BOTTOM SUPPORT AND UPRIGHT FOR FORMING THEREOF, AND CORRESPONDING SUPPORT STRUCTURE  
(73) GroenLeven B.V.
- Mannen van Staal B.V.  
(72) Bouwer, Sytse Jacob  
Bakker, Theunis  
(31) 2018991  
(32) 30.05.2017  
(33) Netherlands
- 
- (51) H03F 1/08  
H03F 3/183  
H03F 3/217  
H03G 3/00  
H03G 3/30  
H04R 3/00  
(11) EP3525343  
(21) EP19153906.3  
(47) 26.08.2020  
(22) 28.01.2019  
(54) AUTOMATIC LOOP GAIN CALIBRATION IN AMPLIFICATION CIRCUITS  
(73) NXP B.V.  
(72) Berkhout, Marco  
Mostert, Fred  
Ciacci, Massimo  
Koerts, Mattheus Johan  
Kessel, Martin  
(31) 201815891790  
(32) 08.02.2018  
(33) United States of America
- 
- (51) H03F 1/32  
(11) EP3384597  
(21) EP16820391.7  
(47) 26.08.2020  
(87) US2016064127  
08.06.2017  
(22) 30.11.2016  
(54) DIGITAL COMPENSATOR  
(73) Nanosemi, Inc.  
(72) KIM, Helen, H.  
MEGRETSKI, Alexandre  
YAN, Li  
KEVIN, Chuang  
MAHMOOD, Zohaib  
(31) 201514953762  
(32) 30.11.2015  
(33) United States of America
- 
- (51) H03F 1/32  
H04L 27/36  
(11) EP3534582  
(21) EP19153004.7  
(47) 26.08.2020  
(22) 18.11.2010  
(54) METHOD AND FREQUENCY AGILE PRE-DISTORTED TRANSMITTER USING PROGRAMMABLE DIGITAL UP AND DOWN CONVERSION  
(73) Telefonaktiebolaget LM Ericsson (publ)  
(72) Morris, Bradley John  
Thorebäck, Lars Johan
- 
- (51) H03F 3/195  
H03F 3/21  
H03F 3/68  
(11) EP2364524  
(21) EP09825118.4  
(47) 26.08.2020  
(87) US2009005986  
14.05.2010  
(22) 05.11.2009
- (54) MILLIMETER WAVE MONOLITHIC INTEGRATED CIRCUITS AND METHODS OF FORMING SUCH INTEGRATED CIRCUITS  
(73) Raytheon Company  
(72) BROWN, Kenneth W.  
BROWN, Andrew K.  
(31) 266229  
(32) 06.11.2008  
(33) United States of America
- 
- (51) H03F 3/217  
H03F 3/68  
(11) EP1771944  
(21) EP05793315.2  
(47) 26.08.2020  
(87) FR2005001927  
09.03.2006  
(22) 25.07.2005  
(54) AD CLASS AUDIO AMPLIFIER  
(73) DEVIALET  
(72) CALMEL, Pierre-Emmanuel  
ROBERT, Fabrice  
(31) 0408473  
(32) 30.07.2004  
(33) France
- 
- (51) H03H 7/25  
(11) EP3012973  
(21) EP15189983.8  
(47) 26.08.2020  
(22) 15.10.2015  
(54) APPARATUS AND METHODS FOR REDUCING GLITCHES IN DIGITAL STEP ATTENUATORS  
(73) Analog Devices Global Unlimited Company  
(72) ATESAL, Yusuf Alperen  
KATZIN, Peter J.  
(31) 201462067301 P  
201514719241  
(32) 22.10.2014  
21.05.2015  
(33) United States of America  
United States of America
- 
- (51) H03H 17/02  
G10L 19/02  
(11) EP3454471  
(21) EP18171733.1  
(47) 26.08.2020  
(22) 01.09.2006  
(54) EFFICIENT FILTERING WITH A COMPLEX MODULATED FILTERBANK  
(73) Dolby International AB  
(72) Villemoes, Lars  
(31) 76259206 P  
74455906 P  
(32) 27.01.2006  
10.04.2006  
(33) United States of America  
United States of America
- 
- (51) H03K 3/356  
(11) EP2899885  
(21) EP14004438.9  
(47) 26.08.2020  
(22) 29.12.2014  
(54) A low power level-shift circuit for data dependent signals  
(73) Avago Technologies International Sales Pte. Limited

(72) Van der Goes, Franciscus Ward, Christopher	(73) Fraunhofer Gesellschaft zur Förderung der angewandten Forschung e.V.	H04J 13/18 H04L 5/00
(31) 201461932689 P 201414185853	(72) BARTNIK, Christian	(11) EP3468051
(32) 28.01.2014 20.02.2014	BROSS, Benjamin	(21) EP18198124.2
(33) United States of America United States of America	GEORGE, Valerie	(47) 26.08.2020
(51) H03K 17/00	HENKEL, Anastasia	(22) 02.10.2018
H03K 17/10	HINZ, Tobias	(54) SYSTEM AND METHOD FOR OPTIMISING THE USE OF THE RADIO SPECTRUM AS A FUNCTION OF THE AIR TRANSMISSION TIMES
H03K 17/12	KIRCHHOFFER, Heiner	(73) Unidata S.p.A.
H03K 17/687	MARPE, Detlev	(72) BIANCHI, Giuseppe
(11) EP3503394	NGUYEN, Tung	CAMPO, Manuel
(21) EP17841361.3	PREISS, Matthias	CAPONI, Alberto
(47) 26.08.2020	SCHIERL, Thomas	CUOMO, Francesca
(87) JP2017027645	SCHWARZ, Heiko	PISANI, Patrizio
22.02.2018	SIEKMANN, Mischa	ROSSINI, Giampaolo
(22) 31.07.2017	STEGEMANN, Jan	(31) 201700111602
(54) DISCHARGE CIRCUIT FOR CAPACITOR	WIEGAND, Thomas	(32) 05.10.2017
(73) Mitsubishi Electric Corporation	(31) 201161543942 P	(33) Italy
(72) KIKUCHI Yuto	(32) 06.10.2011	(51) H04B 1/713
OHNO Yuji	(33) United States of America	H04B 1/715
(31) 2016160971	(51) H03M 13/00	H04B 1/7156
(32) 19.08.2016	H03M 13/13	H04W 76/19
(33) Japan	H04L 1/00	(11) EP3429306
(51) H03K 17/95	(11) EP3142257	(21) EP18183029.0
(11) EP2911299	(21) EP14893282.5	(47) 26.08.2020
(21) EP14155957.5	(47) 26.08.2020	(22) 11.07.2018
(47) 26.08.2020	(87) CN2014079020	(54) FREQUENCY HOPPING COMMUNICATION RECOVERING METHOD, ELECTRONIC DEVICE, AND NON-TRANSITORY COMPUTER READABLE STORAGE MEDIUM
(22) 20.02.2014	03.12.2015	(73) HTC Corporation
(54) Method and circuit for evaluating a physical measurement value measured by a sensor	(22) 30.05.2014	(72) Yao-Te, TSAI
(73) Pepperl + Fuchs GmbH	(54) METHOD AND APPARATUS FOR CONSTRUCTING PUNCTURED POLAR CODE	(31) 201762532378 P
(72) Seefried, Roland	(73) Huawei Technologies Co., Ltd.	(32) 14.07.2017
(51) H03K 19/00	(72) SHEN, Hui	(33) United States of America
H03K 19/17784	LI, Bin	(51) H04B 3/00
(11) EP3213413	(51) H04B 1/00	H04M 3/24
(21) EP15778493.5	H05K 1/02	H04M 3/30
(47) 26.08.2020	(11) EP3367576	(11) EP3580919
(87) US2015052350	(21) EP18166592.8	(21) EP18713704.7
06.05.2016	(47) 26.08.2020	(47) 26.08.2020
(22) 25.09.2015	(22) 01.04.2014	(87) EP2018058422
(54) CIRCUITS FOR AND METHODS OF CONTROLLING POWER WITHIN AN INTEGRATED CIRCUIT	(54) ROUTING AND SHIELDING OF SIGNAL LINES TO IMPROVE ISOLATION	04.10.2018
(73) Xilinx, Inc.	(73) Qualcomm Incorporated	(22) 03.04.2018
(72) SOOD, Santosh, Kumar	(72) YOUSSEF, Ahmed Abdel Monem	(54) MEASUREMENT METHOD
GAIDE, Brian, C.	CHANG, Li-Chung	(73) British Telecommunications Public Limited Company
YOUNG, Steven, P.	LEUNG, Wingching Vincent	(72) BEAUMONT, Stephen
(31) 201414526192	HE, Allen	HITCHEN, Jonathan
(32) 28.10.2014	XU, Rui	(31) 17163913
(33) United States of America	ABDEL GHANY, Ehab Ahmed Sobhy	(32) 30.03.2017
(51) H03M 7/30	(31) 201313857022	(33) European Patent Office (EPO)
H03M 7/40	(32) 04.04.2013	(51) H04B 3/32
H04N 19/13	(33) United States of America	(11) EP3251222
H04N 19/156	(51) H04B 1/44	(21) EP16710002.3
H04N 19/436	H04Q 3/00	(47) 26.08.2020
(11) EP2764692	(11) EP3540967	(87) IB2016000291
(21) EP12770126.6	(21) EP18205591.3	04.08.2016
(47) 26.08.2020	(47) 26.08.2020	(22) 26.01.2016
(87) EP2012069894	(22) 12.11.2018	(54) METHODS AND SYSTEMS FOR REDUCING CROSSTALK VIA STABILIZED VECTORING CONTROL
11.04.2013	(54) MULTIWAY SWITCH, RADIO FREQUENCY SYSTEM, AND ELECTRONIC DEVICE	(73) Alcatel Lucent
(22) 08.10.2012	(73) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	(72) NUZMAN, Carl
(54) ENTROPY CODING BUFFER ARRANGEMENT	(72) BAI, Jian	VAN BRUYSSSEL, Danny
	(31) 201810220614	
	(32) 16.03.2018	
	(33) China	
	(51) H04B 1/69	

(31) 201514609657	H02J 50/80	30.12.2009
(32) 30.01.2015	H02J 50/90	(22) 26.11.2008
(33) United States of America	(11) EP3462576	(54) METHOD FOR COOPERATIVE MULTI-ANTENNA COMMUNICATION
(51) H04B 3/32	(21) EP18204041.0	(73) Korea Advanced Institute of Science and Technology
H04J 3/06	(47) 26.08.2020	Samsung Electronics Co., Ltd.
H04L 25/08	(22) 15.09.2016	(72) JEON, Sang-Woon
H04M 3/34	(54) SYSTEMS AND METHODS FOR GENERATING AND TRANSMITTING WIRELESS POWER TRANSMISSION WAVES	CHUNG, Sae-Young
(11) EP3229379	(73) Energous Corporation	LIM, Jong-Bu
(21) EP17173899.0	(72) LEABMAN, Michael A.	(31) 20080061686
(47) 26.08.2020	(31) 201514854820	(32) 27.06.2008
(22) 02.05.2013	(32) 15.09.2015	(33) Korea (Republic)
(54) ALIGNING THE UPSTREAM DMT SYMBOLS OF MULTIPLE LINES IN A TDD DSL SYSTEM	(33) United States of America	(51) H04B 7/04
(73) HUAWEI TECHNOLOGIES CO., LTD.	(51) H04B 5/00	(11) EP3525360
(72) Shi, Cao	H04B 5/02	(21) EP16920304.9
Fazlollahi, Amir H.	(11) EP3293888	(47) 26.08.2020
Liu, Jianhua	(21) EP17190972.4	(87) CN2016103857
(31) 201261641424 P	(47) 26.08.2020	03.05.2018
201361772312 P	(22) 13.09.2017	(22) 28.10.2016
(32) 02.05.2012	(54) SIGNAL ISOLATOR HAVING BIDIRECTIONAL COMMUNICATION BETWEEN DIE	(54) INFORMATION TRANSMISSION METHOD, ACCESS NETWORK DEVICE, AND TERMINAL DEVICE
04.03.2013	(73) Allegro MicroSystems, LLC	(73) Huawei Technologies Co., Ltd.
(33) United States of America	(72) LATHAM, Alexander	(72) SUN, Xiaodong
United States of America	JUDKINS III, Joseph James	STIRLING-GALLACHER, Richard
(51) H04B 3/54	TAN, Neil	XU, Kai
(11) EP3407502	(31) 201662393805 P	SUN, Yanliang
(21) EP18173581.2	(32) 13.09.2016	(51) H04B 7/0413
(47) 26.08.2020	(33) United States of America	(11) EP2583407
(22) 22.05.2018	(51) H04B 5/00	(21) EP11728998.3
(54) METHOD AND APPARATUS TO ENABLE COMMUNICATION AND CONTROL IN A POWER SYSTEM	H04W 4/80	(47) 26.08.2020
(73) Solaredge Technologies Ltd.	(11) EP3076561	(87) US2011041304
(72) Braginsky, David	(21) EP16163063.7	29.12.2011
Galim, Yoav	(47) 26.08.2020	(22) 21.06.2011
Yoscovich, Ilan	(22) 31.03.2016	(54) PHYSICAL RESOURCE BLOCK (PRB) BUNDLING FOR OPEN LOOP BEAMFORMING
(31) 201762509411 P	(54) SYSTEM AND METHOD OF NEAR FIELD COMMUNICATION ENABLED DEVICE PROGRAMMING	(73) Qualcomm Incorporated
(32) 22.05.2017	(73) Honeywell International Inc.	(72) BHATTAD, Kapil
(33) United States of America	(72) BEREZOWSKI, Andrew G.	GAAL, Peter
(51) H04B 5/00	KORE, Vinayak Sadashiv	MONTOJO, Juan
H02J 5/00	OTIS, Jesse J.	(31) 201113164551
H02J 7/02	(31) 201514676231	357005 P
H02J 50/12	(32) 01.04.2015	(32) 20.06.2011
H02J 50/40	(33) United States of America	21.06.2010
H02J 50/80	(51) H04B 7/005	(33) United States of America
H02J 50/90	H04W 16/28	United States of America
(11) EP2955813	H04W 48/20	(51) H04B 7/06
(21) EP15001732.5	H04B 7/0408	H04B 7/08
(47) 26.08.2020	(11) EP3399803	H04L 5/00
(22) 11.06.2015	(21) EP18170853.8	H04B 7/0456
(54) WIRELESS POWER TRANSFER METHOD, APPARATUS AND SYSTEM	(47) 26.08.2020	H04B 7/10
(73) LG Electronics Inc.	(22) 04.05.2018	(11) EP3308476
(72) PARK, Yongcheol	(54) DEVICE FOR HANDLING A CELL SELECTION PROCEDURE OR A CELL RESELECTION PROCEDURE	(21) EP16811893.3
LEE, Hyunbeom	(73) HTC Corporation	(47) 26.08.2020
(31) 201462011867 P	(72) CHEN, Te-Ming	(87) KR2016006288
201462024855 P	(31) 201762501774 P	22.12.2016
20150046438	(32) 05.05.2017	(22) 14.06.2016
(32) 13.06.2014	(33) United States of America	(54) APPARATUS AND METHOD FOR PERFORMING BEAMFORMING BY USING ANTENNA ARRAY IN WIRELESS COMMUNICATION SYSTEM
15.07.2014	(51) H04B 7/024	(73) Samsung Electronics Co., Ltd.
01.04.2015	(11) EP2291928	(72) KIM, Jaewon
(33) United States of America	(21) EP08874812.4	YU, Hyunkyuu
United States of America	(47) 26.08.2020	PARK, Jeongho
Korea (Republic)	(87) KR2008006964	CHEUN, Kyungwhoon
(51) H04B 5/00		
H02J 50/20		
H02J 50/40		
H02J 50/60		



OH, Jongho	(22) 06.01.2017	H04W 12/02
CHOI, Sung Tae	(54) METHOD FOR SWITCHING STATES, NETWORK DEVICE, AND TERMINAL DEVICE	H04W 28/02
HAN, Jung Il		H04W 48/16
HUR, Sooyoung		H04W 92/24
(31) 20150084312	(73) Huawei Technologies Co., Ltd.	H04B 7/04
(32) 15.06.2015	(72) SUN, Yanliang	H04B 7/0456
(33) Korea (Republic)	XU, Kai	H04W 4/70
(51) H04B 7/06	LIU, Bin	(11) EP3267720
H04B 7/08	(31) 201610959056	(21) EP17182135.8
H04W 56/00	(32) 03.11.2016	(47) 26.08.2020
H04W 74/08	(33) China	(22) 22.05.2014
(11) EP3523886	(51) H04B 7/06	(54) USER EQUIPMENT AND METHODS FOR CODEBOOK SUBSAMPLING FOR ENHANCED 4TX CODEBOOKS
(21) EP17780268.3	H04L 5/00	(73) Intel IP Corporation
(47) 26.08.2020	H04W 72/04	(72) CHEN, Xiaogang
(87) US2017052460	H04W 72/12	ZHU, Yuan
12.04.2018	(11) EP3410625	LI, Qinghua
(22) 20.09.2017	(21) EP17767001.5	(31) 201361829968 P
(54) BEAM CORRESPONDENCE INDICATION, UE CALIBRATION INDICATION, AND SYNCHRONIZATION INFORMATION FOR TDD RACH PROCEDURE	(47) 26.08.2020	201314108648
(73) QUALCOMM Incorporated	(87) KR2017002845	(32) 31.05.2013
(72) AKKARAKARAN, Sony	21.09.2017	17.12.2013
LUO, Tao	(22) 16.03.2017	(33) United States of America
NAGARAJA, Sumeeth	(54) TECHNIQUES FOR TRANSMISSION AND RECEPTION OF CONTROL INFORMATION IN A WIRELESS COMMUNICATION SYSTEM	United States of America
JOHN WILSON, Makesh Pravin	(73) LG Electronics Inc.	(51) H04B 7/06
(31) 201662405768 P	(72) SEO, Inkwon	H04W 16/28
201715708415	KIM, Kijun	H04W 24/02
(32) 07.10.2016	AHN, Joonkui	(11) EP3400732
19.09.2017	YI, Yunjung	(21) EP17736350.4
(33) United States of America	(31) 201662309435 P	(47) 26.08.2020
United States of America	201762455553 P	(87) US2017012359
(51) H04B 7/06	(32) 16.03.2016	13.07.2017
H04B 7/26	06.02.2017	(22) 05.01.2017
H04W 52/42	(33) United States of America	(54) SYSTEM AND METHOD FOR CARRIER AGGREGATION USING BEAMFORMING
H04B 7/0404	United States of America	(73) Commscope Technologies LLC
(11) EP3008832	(51) H04B 7/06	(72) BUTLER, Ray
(21) EP14737098.5	H04L 12/66	MICHAELIS, Scott
(47) 26.08.2020	H04L 25/02	MARTOS, Pedro Torres
(87) US2014041625	H04L 25/03	MEYER, Louis
18.12.2014	H04W 16/28	ZIMMERMAN, Martin L.
(22) 10.06.2014	H04W 48/16	PATEL, Sammit
(54) METHOD AND APPARATUS FOR TRANSMISSION BY TIME DIVISION DUPLEXING (TDD) DEVICES USING MULTIPLE ANTENNAS	H04W 52/10	HAMDY, Mohamed Nadder
(73) Qualcomm Incorporated	H04W 52/14	KURK, Morgan
(72) YAN, Hongbo	H04W 72/00	WOLFE, Michael
KANG, Insung	H04W 84/04	(31) 201662276519 P
FILIPOVIC, Daniel Fred	H04B 7/0456	(32) 08.01.2016
FAN, Michael Mingxi	(11) EP3145142	(33) United States of America
HE, Ning	(21) EP16191444.5	(51) H04B 7/06
LIU, Minkui	(47) 26.08.2020	H04W 28/18
(31) 201361833767 P	(22) 02.07.2010	H04W 48/16
201314061536	(54) BEAMFORMING USING BASE AND DIFFERENTIAL CODEBOOKS	H04W 72/04
(32) 11.06.2013	(73) Intel Corporation	H04W 84/12
23.10.2013	(72) ZHU, Yuan	H04W 76/12
(33) United States of America	LI, Qinghua	(11) EP3461203
United States of America	LIN, Xintian E.	(21) EP18199120.9
(51) H04B 7/06	NIU, Huaning	(47) 26.08.2020
H04L 5/00	DAVYDOV, Alexei	(22) 11.11.2010
H04B 7/04	(31) 223360 P	(54) METHOD AND APPARATUS FOR SUPPORTING MANAGEMENT ACTIONS FOR VERY HIGH THROUGH- PUT IN WIRELESS COMMUNICATIONS
(11) EP3525380	639640	(73) Interdigital Patent Holdings, Inc.
(21) EP17868265.4	(32) 06.07.2009	(72) Grandhi, Sudheer A.
(47) 26.08.2020	16.12.2009	(31) 26119709 P
(87) CN2017070387	(33) United States of America	(32) 13.11.2009
11.05.2018	United States of America	(33) United States of America
	(51) H04B 7/06	
	H04L 25/03	
	H04L 27/20	

(51) H04B 7/06 H04W 72/04 H04B 7/04	(73) FUJITSU LIMITED (72) MULLER, Julien	INFORMATION IN A WIRELESS COMMUNICATION SYSTEM
(11) EP3480964 (21) EP17838438.4 (47) 26.08.2020 (87) CN2017089007 15.02.2018 (22) 19.06.2017	(51) H04B 7/185 H04B 7/204 H04B 7/216 (11) EP3111510 (21) EP15755032.8 (47) 26.08.2020 (87) IL2015050210 03.09.2015 (22) 25.02.2015 (54) METHOD AND SYSTEM FOR ADDRESSING LINE OF SIGHT BLOCKAGE IN SATELLITE COMMUNICATION NETWORKS	(73) LG Electronics Inc. (72) HAN, Seung Hee CHUNG, Jae Hoon MOON, Sung Ho LEE, Moon Il LEE, Hyun Woo (31) 20110007794 412794 P 412769 P 412405 P 412392 P 412362 P 356643 P 321771 P 320759 P 315024 P 311740 P 301160 P (32) 26.01.2011 12.11.2010 11.11.2010 11.11.2010 11.11.2010 10.11.2010 20.06.2010 07.04.2010 04.04.2010 18.03.2010 08.03.2010 03.02.2010
(54) COORDINATED MULTI-POINT- BASED BEAM CONFIGURATION AND MANAGEMENT METHOD (73) Huawei Technologies Co., Ltd. (72) SHANG, Peng WU, Lu BI, Xiaoyan (31) 201610663062 (32) 12.08.2016 (33) China	(73) Elbit Systems Land and C4I Ltd. (72) LAUFER, Shaul SAGIV, Ariel (31) 23118014 (32) 26.02.2014 (33) Israel	
(51) H04B 7/08 H04B 7/0404 H04B 7/0408 (11) EP3485584 (21) EP17727797.7 (47) 26.08.2020 (87) EP2017060982 15.11.2018 (22) 09.05.2017 (54) UE BEAM SWITCHING TO BACKUP BEAMS FOR BEAM FAILURE RECOVERY (73) Telefonaktiebolaget LM Ericsson (publ) (72) NILSSON, Andreas LANDSTRÖM, Anders SIMONSSON, Arne FRENNE, Mattias	(31) 23118014 (32) 26.02.2014 (33) Israel (51) H04B 7/185 H04L 29/06 (11) EP3468066 (21) EP18195737.4 (47) 26.08.2020 (22) 20.09.2018 (54) COMMERCIAL SATELLITE OPERATIONS WITH SECURE ENCLAVE FOR PAYLOAD OPERATIONS (73) The Boeing Company (72) WINIG, Robert J. CHEN, Yi-Feng James (31) 201715724125 (32) 03.10.2017 (33) United States of America	(31) 20110007794 412794 P 412769 P 412405 P 412392 P 412362 P 356643 P 321771 P 320759 P 315024 P 311740 P 301160 P (32) 26.01.2011 12.11.2010 11.11.2010 11.11.2010 11.11.2010 10.11.2010 20.06.2010 07.04.2010 04.04.2010 18.03.2010 08.03.2010 03.02.2010 (33) Korea (Republic) 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 United States of America United States of America United States of America
(51) H04B 7/155 H04L 5/00 H04W 48/10 H04W 84/04 (11) EP2697994 (21) EP12716942.3 (47) 26.08.2020 (87) US2012033397 18.10.2012 (22) 12.04.2012 (54) BEACON SIGNALS FOR REPEATERS WITHIN A WIRELESS COMMUNICATIONS SYSTEM (73) Qualcomm Incorporated (72) WANG, Michael Mao GORE, Dhananjay Ashok BARRIAC, Gwendolyn Denise (31) 201113086540 (32) 14.04.2011 (33) United States of America	(31) 23118014 (32) 26.02.2014 (33) Israel (51) H04B 7/185 H04L 29/08 (11) EP3206376 (21) EP17155705.1 (47) 26.08.2020 (22) 10.02.2017 (54) NETWORK COMMUNICATION SYSTEM WITH WEB PUSH PROTOCOL (73) Global Eagle Entertainment Inc. (72) Vignali, Claudio (31) 201662295399 P 201615138874 (32) 15.02.2016 26.04.2016 (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 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) H04B 7/155 H04W 24/02 H04W 48/18 (11) EP3606180 (21) EP18187394.4 (47) 26.08.2020 (22) 03.08.2018 (54) A METHOD OF SECURING WIRELESS BACKHAUL, A CHILD BASE STATION, A PARENT BASE STATION AND METHODS IN THE CHILD AND PARENT BASE STATIONS	(33) United States of America United States of America (51) H04B 7/26 H04L 1/00 H04L 1/16 H04L 1/18 H04L 5/00 H04L 27/26 (11) EP2533451 (21) EP11740016.8 (47) 26.08.2020 (87) KR2011000718 11.08.2011 (22) 01.02.2011 (54) METHOD AND APPARATUS FOR TRANSMITTING CONTROL	(31) 201113086540 14.11.2013 (22) 09.05.2013 (54) METHOD AND APPARATUS FOR TRANSCIEIVING DATA USING PLURALITY OF CARRIERS IN MOBILE COMMUNICATION SYSTEM (73) Samsung Electronics Co., Ltd. (72) KIM, Soeng Hun JANG, Jae Hyuk CHOI, Jongsoo (31) 201261644645 P 201261645591 P 201261646888 P 201261649910 P

201261653026 P	H04W 72/08	MALLIK, Siddhartha
(32) 09.05.2012	(11) EP3151450	(31) 201662378137 P
10.05.2012	(21) EP16197500.8	201762447534 P
14.05.2012	(47) 26.08.2020	201715659598
21.05.2012	(22) 01.11.2006	(32) 22.08.2016
30.05.2012	(54) WIRELESS COMMUNICATION SYSTEM	18.01.2017
12.06.2012	(73) Fujitsu Limited	25.07.2017
(33) United States of America	(72) ODE, Takayoshi	(33) United States of America
United States of America	(51) H04B 10/116	United States of America
United States of America	(11) EP3491750	United States of America
United States of America	(21) EP17845554.9	(51) H04H 20/31
United States of America	(47) 26.08.2020	G10H 1/00
United States of America	(87) CN2017100283	G10H 1/12
United States of America	08.03.2018	H04B 11/00
(51) H04B 7/26	(22) 01.09.2017	G10L 19/018
H04L 29/06	(54) METHOD OF DIMMING FOR VISIBLE	(11) EP3128512
H04L 29/08	LIGHT COMMUNICATIONS	(21) EP15772822.1
H04W 16/26	(73) Huawei Technologies Co., Ltd.	(47) 26.08.2020
H04W 72/04	(72) WEI, Dong	(87) JP2015055822
H04W 72/08	LOU, Shun	08.10.2015
H04W 84/04	GONG, Chen	(22) 27.02.2015
H04W 92/20	WU, Nan	(54) METHOD FOR ACOUSTICALLY
(11) EP2490399	XU, Zhengyuan	TRANSMITTING AN ARBITRARY
(21) EP10823069.9	(31) 201662383300 P	SIGNAL
(47) 26.08.2020	201715691915	(73) Karasawa, Masuo
(87) CN2010077702	(32) 02.09.2016	(72) KASHIWA Kotaro
21.04.2011	31.08.2017	LIN Tao
(22) 13.10.2010	(33) United States of America	KARASAWA, Masuo
(54) METHOD FOR DATA TRANSMISSION	United States of America	(31) 2014074180
BASED ON RELAY MOBILE	(51) H04B 17/21	(32) 31.03.2014
COMMUNICATION SYSTEM AND	H04B 17/23	(33) Japan
EQUIPMENT THEREOF	H04B 17/345	(51) H04J 3/06
(73) China Mobile Communications	H04B 17/40	(11) EP2959600
Corporation	(11) EP2537270	(21) EP13875527.7
(72) GAO, Youjun	(21) EP11703564.2	(47) 26.08.2020
HU, Zhenping	(47) 26.08.2020	(87) CN2013071758
YANG, Ning	(87) US2011024000	28.08.2014
WU, Weimin	25.08.2011	(22) 22.02.2013
WANG, Desheng	(22) 08.02.2011	(54) TIME SYNCHRONOUS PLUGGABLE
JIANG, Xiaowei	(54) GAIN MEASUREMENT AND	TRANSCEIVER
(31) 200910236027	MONITORING FOR WIRELESS	(73) Telefonaktiebolaget LM Ericsson (publ)
(32) 16.10.2009	COMMUNICATION SYSTEMS	(72) YANG, Qingfeng
(33) China	(73) CommScope Technologies LLC	PASIO, Francesco
(51) H04B 7/26	(72) HOBBS, Neil	LEI, Zhendong
H04W 36/08	SCHMIDT, Nelson, C., Jr.	RUFFINI, Stefano
H04W 36/26	KUMMETZ, Thomas	(51) H04J 3/06
(11) EP2526719	PHILLIPS, Fred	H04L 12/723
(21) EP11747628.3	(31) 706001	(11) EP3216143
(47) 26.08.2020	(32) 16.02.2010	(21) EP15790059.8
(87) KR2011001169	(33) United States of America	(47) 26.08.2020
01.09.2011	(51) H04B 17/24	(87) EP2015074732
(22) 23.02.2011	(11) EP3501122	12.05.2016
(54) METHOD AND APPARATUS FOR	(21) EP17752211.7	(22) 26.10.2015
PERFORMING HANDOVER	(47) 26.08.2020	(54) TRANSMITTING RESIDENCE TIME
(73) Samsung Electronics Co., Ltd	(87) US2017043983	INFORMATION IN A NETWORK
(72) KIM, Ho-Dong	01.03.2018	(73) Telefonaktiebolaget LM Ericsson (publ)
JUN, Hae-Young	(22) 26.07.2017	(72) RUFFINI, Stefano
KWON, Hyuk-Choon	(54) METHODS AND APPARATUSES	MIRSKY, Gregory
PARK, Dong-Seek	FOR BEAM INFORMATION FOR	KINI, Sriganesh
JUNG, Soo-Yeon	INDEPENDENT LINKS	GRAY, Eric
(31) 20100058230	(73) QUALCOMM Incorporated	(31) 201462075614 P
308072 P	(72) LUO, Tao	PCT/EP2014/075332
(32) 18.06.2010	MONTOJO, Juan	(32) 05.11.2014
25.02.2010	KADOUS, Tamer	21.11.2014
(33) Korea (Republic)	LI, Junyi	(33) United States of America
United States of America	ZHANG, Xiaoxia	World Intellectual Property Office (WIPO)
(51) H04B 7/26	SUN, Jing	(51) H04L 1/00
H04W 72/04	YOO, Taesang	H04L 1/08

H04L 1/18	HOOLI, Kari Juhani	(21) EP12768765.5
H04L 29/06	(51) H04L 1/16	(47) 26.08.2020
(11) EP3461044	H04L 1/18	(87) EP2012068647
(21) EP17830201.4	(11) EP2882129	27.03.2014
(47) 26.08.2020	(21) EP14196794.3	(22) 21.09.2012
(87) CN2017074340	(47) 26.08.2020	(54) METHOD AND APPARATUS FOR
25.01.2018	(22) 08.12.2014	ENABLING A USER EQUIPMENT TO
(22) 22.02.2017	(54) Method for handling device-to-device	USE CELLS HAVING DIFFERENT
(54) METHOD AND APPARATUS FOR DATA	communication	FREQUENCIES
TRANSMISSION	(73) HTC Corporation	(73) Nokia Solutions and Networks Oy
(73) Huawei Technologies Co., Ltd.	(72) Wu, Chih-Hsiang	(72) FREDERIKSEN, Frank
(72) WANG, Fanzhao	(31) 201361912565 P	KOLDING, Troels Emil
YANG, Jun	(32) 06.12.2013	(51) H04L 5/00
ZHENG, Kai	(33) United States of America	H04L 27/00
(31) 201610573028	(51) H04L 1/18	(11) EP2829032
(32) 19.07.2016	H04W 74/02	(21) EP13715840.8
(33) China	(11) EP2944150	(47) 26.08.2020
(51) H04L 1/00	(21) EP13870651.0	(87) US2013033485
H04L 1/08	(47) 26.08.2020	26.09.2013
H04L 5/00	(87) CN2013070305	(22) 22.03.2013
H04W 16/32	17.07.2014	(54) DYNAMIC SUBCARRIER UTILIZATION
H04W 48/12	(22) 10.01.2013	AND INTELLIGENT TRANSMISSION
H04W 4/70	(54) E-HICH INFORMATION TRANSMITTING	SCHEDULING
(11) EP2919407	METHOD, BASE STATION AND USER	(73) Cisco Technology, Inc.
(21) EP14160123.7	EQUIPMENT	(72) HUI, Jonathan, W.
(47) 26.08.2020	(73) Telefonaktiebolaget LM Ericsson (publ)	VASSEUR, Jean-philippe
(22) 14.03.2014	(72) ZHU, Guowei	HONG, Wei
(54) COVERAGE EXTENSION IN	(51) H04L 5/00	(31) 201261614975 P
WIRELESS COMMUNICATION	(11) EP3288326	201213563524
(73) FUJITSU LIMITED	(21) EP15906468.2	(32) 23.03.2012
(72) Moulisley, Timothy	(47) 26.08.2020	31.07.2012
(51) H04L 1/00	(87) CN2015092500	(33) United States of America
H04L 1/18	27.04.2017	United States of America
H04L 5/14	(22) 22.10.2015	(51) H04L 5/00
H04W 48/16	(54) METHOD OF TRANSMITTING	H04L 29/08
H04W 72/04	FEEDBACK INFORMATION, TERMINAL	H04W 4/10
(11) EP3277038	EQUIPMENT AND BASE STATION	H04W 72/02
(21) EP17191740.4	(73) GUANGDONG OPPO MOBILE	G06F 21/43
(47) 26.08.2020	TELECOMMUNICATIONS CORP., LTD.	H04W 4/40
(22) 17.01.2013	(72) FENG, Bin	H04W 4/80
(54) DYNAMIC TDD UPLINK/DOWNLINK	TANG, Hai	H04W 76/14
CONFIGURATION USING DCI	(51) H04L 5/00	H04W 76/23
(73) Sun Patent Trust	H04L 5/14	(11) EP3485689
(72) GOLITSCHKE EDLER VON ELBWART,	(11) EP3373498	(21) EP17830677.5
Alexander	(21) EP16862425.2	(47) 26.08.2020
LOEHR, Joachim	(47) 26.08.2020	(87) JP2017018128
EINHAUS, Michael	(87) KR2016012538	25.01.2018
FENG, Sujuan	11.05.2017	(22) 15.05.2017
WANG, Lilei	(22) 02.11.2016	(54) IMPROVED SUPPORT OF QUALITY OF
OIZUMI, Toru	(54) METHOD OF TRANSMITTING/ RECEIVING CHANNEL STATE	SERVICE FOR V2X TRANSMISSIONS
(51) H04L 1/00	INFORMATION REFERENCE SIGNAL	(73) Panasonic Intellectual Property
H04L 5/00	IN WIRELESS COMMUNICATION	Corporation of America
H04L 5/14	SYSTEM AND DEVICE FOR SAME	(72) LOEHR Joachim
(11) EP3100548	(73) LG Electronics Inc.	BASU MALLICK Prateek
(21) EP14702798.1	(72) PARK, Jonghyun	HORI Takako
(47) 26.08.2020	KIM, Kijun	(31) 16179995
(87) EP2014051865	PARK, Haewook	(32) 18.07.2016
06.08.2015	(31) 201562250488 P	(33) European Patent Office (EPO)
(22) 31.01.2014	(32) 03.11.2015	(51) H04L 5/00
(54) A METHOD AND APPARATUS FOR	(33) United States of America	H04W 16/32
ENHANCING A DYNAMIC RANGE	(51) H04L 5/00	H04W 72/04
FOR ENHANCED INTERFERENCE	H04L 25/02	(11) EP2779729
MANAGEMENT AND TRAFFIC	H04W 16/32	(21) EP12847187.7
ADAPTATION	H04W 52/02	(47) 26.08.2020
(73) Nokia Solutions and Networks Oy	H04W 84/04	(87) JP2012079091
(72) LUNTTILA, Timo Erkki	(11) EP2898620	16.05.2013
KOIVISTO, Tommi		(22) 09.11.2012
TIIROLA, Esa Tapani		

- (54) MOBILE TERMINAL DEVICE, LOCAL-AREA BASE STATION DEVICE, AND WIRELESS COMMUNICATION METHOD  
(73) NTT DOCOMO, INC.  
(72) KISHIYAMA, Yoshihisa  
(31) 2011247804  
(32) 11.11.2011  
(33) Japan
- 
- (51) H04L 5/00  
H04W 24/08  
H04W 24/10  
H04W 72/00  
H04W 72/12  
(11) EP2946517  
(21) EP13871312.8  
(47) 26.08.2020  
(87) SE2013051461  
24.07.2014  
(22) 05.12.2013  
(54) AVOIDING SERVING CELL INTERRUPTION  
(73) Telefonaktiebolaget LM Ericsson (publ)  
(72) KAZMI, Muhammad  
CHAPMAN, Thomas  
(31) 201361753990 P  
(32) 18.01.2013  
(33) United States of America
- 
- (51) H04L 5/00  
H04W 28/18  
(11) EP3439361  
(21) EP17788584.5  
(47) 26.08.2020  
(87) CN2017078186  
02.11.2017  
(22) 24.03.2017  
(54) METHOD AND APPARATUS FOR GENERATING TRANSPORT BLOCK  
(73) Huawei Technologies Co., Ltd.  
(72) GE, Shibin  
BI, Xiaoyan  
CHEN, Dageng  
(31) 201610262568  
(32) 25.04.2016  
(33) China
- 
- (51) H04L 5/00  
H04W 72/04  
(11) EP2836043  
(21) EP13819845.2  
(47) 26.08.2020  
(87) CN2013077368  
23.01.2014  
(22) 18.06.2013  
(54) METHOD AND DEVICE FOR ALLOCATING CHANNEL RESOURCES OF WLAN AND WIRELESS LOCAL AREA NETWORK COMMUNICATION SYSTEM  
(73) Huawei Technologies Co., Ltd.  
(72) WANG, Li  
JIANG, Yanping  
ZHEN, Bin  
(31) 201210250635  
201210325486  
(32) 19.07.2012  
05.09.2012  
(33) China  
China
- 
- (51) H04L 5/00  
H04W 72/04  
(11) EP3295739  
(21) EP15733637.1  
(47) 26.08.2020  
(87) EP2015062581  
08.12.2016  
(22) 05.06.2015  
(54) METHOD AND APPARATUS FOR CONFIGURING SOUNDING REFERENCE SYMBOL (SRS)  
(73) Huawei Technologies Co., Ltd.  
(72) LEGG, Peter  
KOLMAS, Damian
- 
- (51) H04L 5/00  
H04W 88/08  
(11) EP3358777  
(21) EP16858909.1  
(47) 26.08.2020  
(87) CN2016101914  
04.05.2017  
(22) 12.10.2016  
(54) METHOD, BASE STATION, TERMINAL AND SYSTEM FOR TRANSMITTING SYSTEM INFORMATION  
(73) Huawei Technologies Co., Ltd.  
(72) ZHANG, Jian  
QU, Bingyu  
LI, Yuanjie  
ZHOU, Yongxing  
(31) 201510718080  
(32) 29.10.2015  
(33) China
- 
- (51) H04L 5/14  
H04W 72/12  
H04W 74/08  
H04W 84/12  
H04B 7/0452  
(11) EP3188429  
(21) EP14901975.4  
(47) 26.08.2020  
(87) CN2014086959  
24.03.2016  
(22) 19.09.2014  
(54) METHOD AND APPARATUS FOR FULL-DUPLEX COMMUNICATION IN WLAN SYSTEM  
(73) HUAWEI TECHNOLOGIES CO., LTD.  
(72) LIU, Sheng
- 
- (51) H04L 9/00  
(11) EP3058678  
(21) EP14786491.2  
(47) 26.08.2020  
(87) EP2014072210  
23.04.2015  
(22) 16.10.2014  
(54) SYSTEM AND METHOD FOR DYNAMIC, NON-INTERACTIVE, AND PARALLELIZABLE SEARCHABLE SYMMETRIC ENCRYPTION  
(73) Robert Bosch GmbH  
(72) YAVUZ, Attila  
GUAJARDO MERCHAN, Jorge  
ANVESH, Raji  
(31) 201361892641 P  
201462026201 P  
(32) 18.10.2013  
18.07.2014
- 
- (33) United States of America  
United States of America
- 
- (51) H04L 9/00  
H04L 9/08  
H04L 9/32  
G06Q 20/10  
G06F 21/60  
(11) EP3549082  
(21) EP18865369.5  
(47) 26.08.2020  
(87) CN2018117560  
18.04.2019  
(22) 27.11.2018  
(54) SYSTEM AND METHOD FOR INFORMATION PROTECTION  
(73) Alibaba Group Holding Limited  
(72) MA, Baoli  
ZHANG, Wenbin
- 
- (51) H04L 9/00  
H04L 9/14  
(11) EP2924911  
(21) EP15156568.6  
(47) 26.08.2020  
(22) 25.02.2015  
(54) SECURE PATTERN MATCHING USING SOMEWHAT HOMOMORPHIC ENCRYPTION  
(73) FUJITSU LIMITED  
(72) Yasuda, Masaya  
Shimoyama, Takeshi  
Kogure, Jun  
(31) 2014060926  
(32) 24.03.2014  
(33) Japan
- 
- (51) H04L 9/00  
H04L 9/32  
H04L 29/06  
H04W 12/04  
H04W 12/06  
H04W 12/08  
H04W 12/10  
(11) EP3386140  
(21) EP15911978.3  
(47) 26.08.2020  
(87) CN2015100252  
06.07.2017  
(22) 31.12.2015  
(54) DATA TRANSMISSION METHOD, APPARATUS AND DEVICE  
(73) Huawei Technologies Co., Ltd.  
(72) LIU, Jing  
HUANG, Min  
SHU, Bing
- 
- (51) H04L 9/06  
H04L 9/32  
G06F 21/85  
(11) EP2852089  
(21) EP14185186.5  
(47) 26.08.2020  
(22) 17.09.2014  
(54) Data protecting apparatus and method thereof  
(73) Winbond Electronics Corp.  
(72) Kaluzhny, Uri  
Tasher, Nir  
Alon, Moshe  
Teper, Valery  
Hershman, Ziv

(31) 201361880932 P	MA, Baoli	(87) CN2007070025
(32) 22.09.2013	LIU, Zheng	17.01.2008
(33) United States of America	ZHANG, Wenbin	(22) 17.05.2007
(51) H04L 9/06	MA, Huanyu	(54) METHOD AND DEVICE FOR DERIVING LOCAL INTERFACE KEY
H04L 29/06	(51) H04L 9/08	(73) Huawei Technologies Co., Ltd.
G06F 21/62	H04L 9/32	(72) YANG, Yanmei
G06F 16/31	H04L 29/06	CAO, Shuhua
G06F 16/33	(11) EP2656535	(31) 200610098422
(11) EP3201782	(21) EP11802651.7	(32) 04.07.2006
(21) EP15846840.5	(47) 26.08.2020	(33) China
(47) 26.08.2020	(87) EP2011006491	(51) H04L 9/14
(87) US2015051681	28.06.2012	H04L 9/30
07.04.2016	(22) 21.12.2011	H04L 9/32
(22) 23.09.2015	(54) CRYPTOGRAPHIC METHOD	H04L 29/06
(54) PROTECTED INDEXING AND QUERYING OF LARGE SETS OF TEXTUAL DATA	(73) Giesecke+Devrient Mobile Security GmbH	(11) EP3061205
(73) Terbium Labs, Inc.	(72) MEISTER, Gisela	(21) EP14855601.2
(72) ROGERS, Daniel	(31) 102010055699	(47) 26.08.2020
MOORE, Michael	(32) 22.12.2010	(87) AU2014001001
BLAZAKIS, Dionysus	(33) Germany	30.04.2015
(31) 201462058759 P	(51) H04L 9/08	(22) 22.10.2014
201562110644 P	H04L 9/32	(54) A SYSTEM AND METHOD FOR CERTIFYING INFORMATION
201514642886	H04L 29/06	(73) ETeam Software Pty Ltd
(32) 02.10.2014	H04W 12/06	(72) CHAZAN, Mark Mervyn
02.02.2015	(11) EP2989743	KONTOROVICH, Michael
10.03.2015	(21) EP14739771.5	(31) 2013904074
(33) United States of America	(47) 26.08.2020	(32) 22.10.2013
United States of America	(87) EP2014064790	(33) Australia
United States of America	12.02.2015	(51) H04L 9/14
(51) H04L 9/08	(22) 10.07.2014	H04L 9/32
H04L 9/32	(54) METHOD AND SYSTEM FOR PROTECTED GROUP COMMUNICATION WITH TRANSMITTER AUTHENTICATION	(11) EP3200388
G06F 21/44	(73) Siemens Aktiengesellschaft	(21) EP17150377.4
G06F 21/60	(72) FALK, Rainer	(47) 26.08.2020
(11) EP3232602	FRIES, Steffen	(22) 05.01.2017
(21) EP15867958.9	(31) 102013215577	(54) USER PERMISSION CHECK SYSTEM
(47) 26.08.2020	(32) 07.08.2013	(73) Hitachi, Ltd.
(87) JP2015084909	(33) Germany	(72) IDEGUCHI, Kota
16.06.2016	(51) H04L 9/08	ANDO, Eriko
(22) 14.12.2015	H04L 29/06	(31) 2016016836
(54) MANAGEMENT DEVICE, KEY GENERATING DEVICE, VEHICLE, MAINTENANCE TOOL, MANAGEMENT SYSTEM, MANAGEMENT METHOD, AND COMPUTER PROGRAM	(11) EP3113443	(32) 01.02.2016
(73) KDDI Corporation	(21) EP15382354.7	(33) Japan
(72) TAKEMORI Keisuke	(47) 26.08.2020	(51) H04L 9/14
KAWABATA Hideaki	(22) 02.07.2015	H04L 29/06
(31) 2014252477	(54) METHOD, A SYSTEM AND COMPUTER PROGRAM PRODUCTS FOR SECURELY ENABLING IN-NETWORK FUNCTIONALITY OVER ENCRYPTED DATA SESSIONS	(11) EP3591925
2015232348	(73) Telefonica Digital España, S.L.U.	(21) EP18181091.2
(32) 12.12.2014	(72) Naylor, David	(47) 26.08.2020
27.11.2015	Schomp, Kyle	(22) 02.07.2018
(33) Japan	Varvello, Matteo	(54) ENCRYPTION SYSTEM FOR UNTRUSTWORTHY ENVIRONMENTS
Japan	Leontiadis, Ilias	(73) Siemens Aktiengesellschaft
(51) H04L 9/08	Blackburn, Jeremy	(72) Mayer, Hermann Georg
H04L 9/32	Lopez, Diego	(51) H04L 9/30
G06Q 20/10	Papagiannaki, Konstantina	(11) EP1889391
G06Q 20/38	Rodriguez Rodriguez, Pablo	(21) EP06785921.5
(11) EP3523919	Steenkiste, Peter	(47) 26.08.2020
(21) EP18865371.1	(51) H04L 9/08	(87) US2006025498
(47) 26.08.2020	H04L 29/06	11.01.2007
(87) CN2018117571	H04W 12/04	(22) 29.06.2006
18.04.2019	H04W 88/02	(54) SCALAR RECODING FOR ELLIPTIC CURVE POINT MULTIPLICATION
(22) 27.11.2018	(11) EP2037621	(73) Microsoft Technology Licensing, LLC
(54) SYSTEM AND METHOD FOR INFORMATION PROTECTION	(21) EP07721648.9	(72) ZHU, Bin
(73) Alibaba Group Holding Limited	(47) 26.08.2020	FENG, Min
(72) CUI, Jiahui		LI, Shipeng
		(31) 173251
		(32) 01.07.2005

(33) United States of America	(54) AIRPLANE IDENTITY MANAGEMENT WITH REDUNDANT LINE REPLACEABLE UNITS (LRUS) AND COMPOSITE AIRPLANE MODIFIABLE INFORMATION (AMI)	(22) 07.03.2014
(51) H04L 9/32		(54) Method and apparatus for processing media traffic in mobile communication system
G06F 21/64		(73) Samsung Electronics Co., Ltd.
(11) EP3324355	(73) The Boeing Company	(72) Lee, Ji-Cheol
(21) EP16824435.8	(72) ANGUS, Ian G	Lee, Hyung-Ho
(47) 26.08.2020	REID, Travis S	(31) 20130025312
(87) JP2016070415	(31) 201514887969	20140021452
19.01.2017	(32) 20.10.2015	(32) 08.03.2013
(22) 11.07.2016	(33) United States of America	24.02.2014
(54) CONTRACT AGREEMENT METHOD, AGREEMENT VERIFICATION METHOD, CONTRACT AGREEMENT SYSTEM, AGREEMENT VERIFICATION DEVICE, CONTRACT AGREEMENT DEVICE, CONTRACT AGREEMENT PROGRAM AND AGREEMENT VERIFICATION PROGRAM	(51) H04L 9/32	(33) Korea (Republic)
(73) Nippon Telegraph and Telephone Corporation	H04L 29/06	Korea (Republic)
(72) WATANABE, Hiroki	H04L 29/08	(51) H04L 12/18
AKUTSU, Akihito	G06F 21/64	H04M 11/06
MIYAZAKI, Yasuhiko	(11) EP3562120	H04B 10/25
NAKADAIRA, Atsushi	(21) EP18754500.9	(11) EP2676407
FUJIMURA, Shigeru	(47) 26.08.2020	(21) EP12747743.8
(31) 2015139490	(87) CN2018076505	(47) 26.08.2020
2015139495	23.08.2018	(87) US2012025321
(32) 13.07.2015	(22) 12.02.2018	23.08.2012
13.07.2015	(54) BLOCKCHAIN SYSTEM AND DATA STORAGE METHOD AND APPARATUS	(22) 15.02.2012
(33) Japan	(73) Alibaba Group Holding Limited	(54) SYSTEMS AND METHODS FOR COMMUNICATING ACROSS DROP CONNECTIONS
Japan	(72) Li, Ning	(73) Adtran, Inc.
(51) H04L 9/32	(31) 201710086153	(72) JOFFE, Daniel, M.
G06Q 20/06	(32) 17.02.2017	CHU, Fred
G06Q 20/12	(33) China	GOODSON, Richard
G06Q 20/38	(51) H04L 9/32	(31) 201161443126 P
(11) EP3491779	H04L 29/06	(32) 15.02.2011
(21) EP17748949.9	H04W 12/06	(33) United States of America
(47) 26.08.2020	(11) EP3280090	(51) H04L 12/24
(87) IB2017054429	(21) EP16771252.0	(11) EP3289735
01.02.2018	(47) 26.08.2020	(21) EP16791968.7
(22) 21.07.2017	(87) CN2016076415	(47) 26.08.2020
(54) BLOCKCHAIN-IMPLEMENTED METHOD AND SYSTEM	06.10.2016	(87) CN2016078735
(73) Nchain Holdings Limited	(22) 15.03.2016	17.11.2016
(72) VINCENT, Stephane	(54) USER AUTHENTICATION METHOD AND DEVICE	(22) 07.04.2016
(31) 201613144	(73) Alibaba Group Holding Limited	(54) TRANSPORT SOFTWARE DEFINED NETWORKING (SDN) LOGICAL TO PHYSICAL TOPOLOGY DISCOVERY
(32) 29.07.2016	(72) JIANG, Long	(73) Huawei Technologies Co., Ltd.
(33) United Kingdom	(31) 201510155552	(72) ASHWOOD-SMITH, Peter
(51) H04L 9/32	(32) 02.04.2015	(31) 201514709697
H04L 29/06	(33) China	(32) 12.05.2015
(11) EP3142325	(51) H04L 12/10	(33) United States of America
(21) EP16186454.1	H04L 12/24	(51) H04L 12/24
(47) 26.08.2020	H04L 12/40	(11) EP3447965
(22) 30.08.2016	H04M 19/08	(21) EP16900879.4
(54) NETWORK NAMED FRAGMENTS IN A CONTENT CENTRIC NETWORK	(11) EP3142293	(47) 26.08.2020
(73) Cisco Technology, Inc.	(21) EP14894654.4	(87) CN2016081311
(72) MOSKO, Marc E.	(47) 26.08.2020	09.11.2017
WOOD, Christopher A.	(87) CN2014087227	(22) 06.05.2016
(31) 201514851894	17.12.2015	(54) NETWORK FUNCTION INSTANCE MANAGEMENT METHOD AND RELEVANT DEVICE
(32) 11.09.2015	(22) 23.09.2014	(73) Huawei Technologies Co., Ltd.
(33) United States of America	(54) REVERSE POWER SUPPLY MANAGEMENT METHOD, APPARATUS AND SYSTEM	(72) XU, Ruiyue
(51) H04L 9/32	(73) ZTE Corporation	ZHANG, Kai
H04L 29/06	(72) CHENG, Mingming	(51) H04L 12/24
(11) EP3160108	ZHANG, Weiliang	(11) EP3382942
(21) EP16194004.4	(31) 201410256793	(21) EP18164184.6
(47) 26.08.2020	(32) 10.06.2014	(47) 26.08.2020
(22) 14.10.2016	(33) China	(22) 27.03.2018
	(51) H04L 12/14	(54) NETWORK SERVICE CONFIGURATION METHOD AND NETWORK MANAGEMENT DEVICE
	H04L 29/06	
	(11) EP2775688	
	(21) EP14158306.2	
	(47) 26.08.2020	

(73) Huawei Technologies Co., Ltd.	H04L 12/715	(21) EP15861291.1
(72) TANG, Xiaohu	H04L 12/721	(47) 26.08.2020
YU, Bin	H04L 12/751	(87) US2015062002
(31) 201710193791	(11) EP3295623	26.05.2016
(32) 28.03.2017	(21) EP16795757.0	(22) 20.11.2015
(33) China	(47) 26.08.2020	(54) SYSTEM AND METHOD FOR
(51) H04L 12/24	(87) CN2016078734	MODIFYING A SERVICE-SPECIFIC
H04L 12/26	24.11.2016	DATA PLANE CONFIGURATION
(11) EP3306860	(22) 07.04.2016	(73) Huawei Technologies Co., Ltd.
(21) EP16817187.4	(54) TRANSPORT SOFTWARE DEFINED	(72) LI, Xu
(47) 26.08.2020	NETWORKING (SDN) ZERO	RAO, Jaya
(87) CN2016086759	CONFIGURATION ADJACENCY VIA	(31) 201462083033 P
05.01.2017	PACKET SNOOPING	(32) 21.11.2014
(22) 22.06.2016	(73) Huawei Technologies Co., Ltd.	(33) United States of America
(54) OPENFLOW PROTOCOL RESOURCES	(72) ASHWOOD-SMITH, Peter	(51) H04L 12/24
CONTROL METHOD, DEVICE AND	(31) 201514718941	H04L 12/26
SYSTEM	(32) 21.05.2015	H04W 28/00
(73) Huawei Technologies Co., Ltd.	(33) United States of America	H04W 72/00
(72) JIANG, Zhihua	(51) H04L 12/24	H04L 12/725
MA, Peng	H04L 12/26	H04L 12/803
NI, Hui	H04L 12/721	H04L 12/911
(31) 201510373310	G06F 1/3215	(11) EP3527017
(32) 30.06.2015	G06F 1/3234	(21) EP17868719.0
(33) China	G06F 1/3287	(47) 26.08.2020
(51) H04L 12/24	(11) EP3510729	(87) CN2017110839
H04L 12/26	(21) EP17769149.0	17.05.2018
(11) EP3245766	(47) 26.08.2020	(22) 14.11.2017
(21) EP15878276.3	(87) US2017050019	(54) CREATION AND MODIFICATION OF
(47) 26.08.2020	15.03.2018	SHAREABLE SLICE INSTANCES
(87) US2015064689	(22) 05.09.2017	(73) Huawei Technologies Co., Ltd.
21.07.2016	(54) POWER AWARE SWITCHING USING	(72) SENARATH, Nimal, Gamini
(22) 09.12.2015	ANALYTICS	LI, Xu
(54) TECHNIQUES FOR MONITORING	(73) Cisco Technology, Inc.	FARMANBAR, Hamidreza
VIRTUALIZED NETWORK FUNCTIONS	(72) AKELLA, Anand, V.	(31) 201662421566 P
OR NETWORK FUNCTIONS	IYENGAR, Praveen, Parthasarathy	201715808349
VIRTUALIZATION INFRASTRUCTURE	THIRUMURTHI, Rajendra, Kumar	(32) 14.11.2016
(73) Intel IP Corporation	SHARMA, Samar	09.11.2017
(72) CHOU, Joey	DHARWADA, Krishna, Bharadwaj	(33) United States of America
VENKATACHALAM, Muthaiah	PURUSHOTHAM, Vivek	United States of America
(31) 201562102991 P	(31) 201615261605	(51) H04L 12/24
201514751499	(32) 09.09.2016	H04L 12/26
(32) 13.01.2015	(33) United States of America	H04W 40/22
26.06.2015	(51) H04L 12/24	H04L 12/721
(33) United States of America	H04L 12/26	H04L 12/733
United States of America	H04L 29/06	(11) EP3300412
(51) H04L 12/24	(11) EP3618384	(21) EP17190670.4
H04L 12/26	(21) EP18191982.0	(47) 26.08.2020
H04L 12/703	(47) 26.08.2020	(22) 12.09.2017
H04L 12/721	(22) 31.08.2018	(54) METHOD AND APPARATUS FOR
H04L 12/741	(54) METHOD FOR SIMULATING A	SELECTING POSITION OF ROUTING
H04L 12/751	PROCESSING OF RESERVATION	NODE AND TERMINAL EQUIPMENT
(11) EP3399700	REQUESTS FOR MULTI CAST	(73) FUJITSU LIMITED
(21) EP16893324.0	DATA FLOWS IN COMMUNICATION	(72) LI, Hongchun
(47) 26.08.2020	NETWORKS AND SIMULATION	TIAN, Jun
(87) CN2016110467	SYSTEM	AO, Chen
14.09.2017	(73) Siemens Aktiengesellschaft	XU, Yi
(22) 16.12.2016	(72) Albrecht, Harald	(31) 201610849521
(54) METHOD, APPARATUS AND DEVICE	Höme, Stephan	(32) 23.09.2016
FOR DETECTING FORWARDING	Kerschbaum, Sven	(33) China
TABLE	Kießling, Marcel	(51) H04L 12/24
(73) Huawei Technologies Co., Ltd.	(51) H04L 12/24	H04L 12/26
(72) LI, Guoping	H04L 12/26	H04W 52/02
ZHANG, Zhenwei	H04W 24/02	(11) EP3331197
(31) 201610130617	H04W 28/02	(21) EP16201834.5
(32) 08.03.2016	H04W 28/18	(47) 26.08.2020
(33) China	H04L 12/801	(22) 02.12.2016
(51) H04L 12/24	H04W 4/70	
H04L 12/26	(11) EP3222001	



(54) A METHOD AND SYSTEM FOR MONITORING A CONNECTION STATUS OF A DEVICE	(22) 15.02.2017	(72) TSUDA, Shinichiro
(73) Advanced Digital Broadcast S.A.	(54) CONNECTIVITY TESTING METHOD AND DEVICE	(31) 2010256299
(72) Fratini, Franco	(73) Huawei Technologies Co., Ltd.	(32) 16.11.2010
Storto, Marco	(72) ZHENG, Ruobin	(33) Japan
(51) H04L 12/24	(31) 201610108124	(51) H04L 12/26
H04L 12/46	(32) 26.02.2016	H04W 8/00
H04L 12/715	(33) China	H04W 64/00
H04L 12/721	(51) H04L 12/26	H04W 4/80
H04L 12/723	(11) EP2974141	H04W 76/14
H04L 12/725	(21) EP14763564.3	H04W 76/27
H04L 12/851	(47) 26.08.2020	(11) EP2859775
(11) EP3300317	(87) US2014028967	(21) EP14780348.0
(21) EP15894614.5	18.09.2014	(47) 26.08.2020
(47) 26.08.2020	(22) 14.03.2014	(87) US2014032013
(87) CN2015081170	(54) NETWORK TRAFFIC MAPPING AND PERFORMANCE ANALYSIS	09.10.2014
15.12.2016	(73) Amazon Technologies, Inc.	(22) 27.03.2014
(22) 10.06.2015	(72) SEARLE, Ian Roger	(54) METHOD AND APPARATUS FOR PROXIMITY DISCOVERY FOR DEVICE-TO-DEVICE COMMUNICATION
(54) METHOD, DEVICE AND SYSTEM FOR REALIZING SERVICE LINK	DESANTIS, Peter Nicholas	(73) BlackBerry Limited
(73) Huawei Technologies Co., Ltd.	(31) 201313833945	(72) KIM, Joon Beom
(72) HAO, Weiguo	(32) 15.03.2013	KOO, Changhoi
LIANG, Qiandeng	(33) United States of America	CAI, Zhijun
HUANG, Shibi	(51) H04L 12/26	(31) 201313856969
(51) H04L 12/24	(11) EP3087700	(32) 04.04.2013
H04L 29/06	(21) EP14816295.1	(33) United States of America
G06F 21/55	(47) 26.08.2020	(51) H04L 12/28
(11) EP3437290	(87) EP2014078994	H04L 12/54
(21) EP17708272.4	02.07.2015	H04L 12/803
(47) 26.08.2020	(22) 22.12.2014	(11) EP3300307
(87) EP2017055081	(54) DATA CAPTURE	(21) EP16190319.0
05.10.2017	(73) BAE Systems PLC	(47) 26.08.2020
(22) 03.03.2017	(72) FRIEND, Gordon, Campbell	(22) 23.09.2016
(54) DETECTING COMPUTER SECURITY THREATS	(31) 13275333	(54) HYBRID NETWORK ACCESS FOR CLIENT DEVICES CONNECTED TO A TELECOMMUNICATIONS NETWORK
(73) British Telecommunications public limited company	201322883	(73) Deutsche Telekom AG
(72) EL-MOUSSA, Fadi	(32) 23.12.2013	(72) KOLBE, Hans-Jörg
HERWONO, Ian	23.12.2013	HAAG, Thomas
(31) 16162937	(33) European Patent Office (EPO)	(51) H04L 12/28
(32) 30.03.2016	United Kingdom	H04L 29/08
(33) European Patent Office (EPO)	(51) H04L 12/26	H04L 29/12
(51) H04L 12/24	H04L 12/46	(11) EP3297258
H04L 29/08	(11) EP3151467	(21) EP17191396.5
(11) EP3395010	(21) EP14893649.5	(47) 26.08.2020
(21) EP15911527.8	(47) 26.08.2020	(22) 15.09.2017
(47) 26.08.2020	(87) CN2014086449	(54) COMMISSIONING OF A SENSOR IN A HOME AUTOMATION SYSTEM
(87) US2015000386	03.12.2015	(73) Niko NV
29.06.2017	(22) 12.09.2014	(72) VANISTERDAAL, Koen
(22) 26.12.2015	(54) METHOD AND APPARATUS FOR DETECTING USER NETWORK INTERFACE CONNECTIVITY OF VIRTUAL PRIVATE NETWORK	VELDEMAN, Pol
(54) DISTRIBUTED FRAMEWORK FOR RESILIENT MACHINE-TO-MACHINE SYSTEM MANAGEMENT	(73) ZTE Corporation	DEGRYSE, Tom
(73) Intel Corporation	(72) ZHANG, Yan	LUYPAERT, Bart
(72) YANG, Shao-Wen	WU, Rui	(31) 201605699
NOLAN, Michael, J.	(31) 201410228082	(32) 17.09.2016
ALVAREZ MARTINEZ, Ignacio, J.	(32) 27.05.2014	(33) Belgium
ADAMS, Robert	(33) China	(51) H04L 12/40
BRADY, John	(51) H04L 12/26	(11) EP3590234
KELLY, Mark	H04W 4/02	(21) EP18711223.0
CHEN, Yen-Kuang	(11) EP3264808	(47) 26.08.2020
(51) H04L 12/26	(21) EP17185584.4	(87) EP2018000088
(11) EP3410640	(47) 26.08.2020	11.10.2018
(21) EP17755764.2	(22) 02.11.2011	(22) 06.03.2018
(47) 26.08.2020	(54) INFORMATION PROVIDING APPARATUS, INFORMATION PROVIDING METHOD, AND COMMUNICATION SYSTEM	(54) ASSEMBLY AND METHOD FOR AN AIRPLANE FOR TRANSMITTING AN ANALOG AUDIO SIGNAL
(87) CN2017073664	(73) Sony Corporation	(73) Diehl Aerospace GmbH
31.08.2017		(72) HOCHE, Peter

SALOMON, Uwe	(72) ZHANG, Ran	WEINER JR., Martin Eric
(31) 102017003434	WU, Qinghua	GAVINI, Naveen
(32) 08.04.2017	LOU, Xiaoyan	(31) 201514837771
(33) Germany	(31) 201510901427	(32) 27.08.2015
(51) H04L 12/46	20160147637	(33) United States of America
H04L 12/723	(32) 09.12.2015	(51) H04L 12/66
(11) EP2579514	07.11.2016	H04L 29/06
(21) EP12169451.7	(33) China	H04L 29/08
(47) 26.08.2020	Korea (Republic)	H04W 88/16
(22) 25.05.2012	(51) H04L 12/58	(11) EP3407551
(54) Method and apparatus for a converged	(11) EP3407549	(21) EP18172839.5
wired/wireless enterprise network	(21) EP17741055.2	(47) 26.08.2020
architecture	(47) 26.08.2020	(22) 17.05.2018
(73) Juniper Networks, Inc.	(87) CN2017071595	(54) WIRELESS GATEWAY SYSTEM AND
(72) Sindhu, Pradeep	27.07.2017	COMMUNICATION METHOD THEREOF
Choudhury, Abhijit	(22) 18.01.2017	(73) Yokogawa Electric Corporation
Murphy, James	(54) RESOURCE SHARING METHOD,	(72) FUJIMOTO, Naoyuki
Mallya, Raghavendra	TERMINAL AND STORAGE MEDIUM	(31) 2017102696
Pogde, Pranay	(73) Tencent Technology (Shenzhen)	(32) 24.05.2017
Boddu, Jayabharat	Company Limited	(33) Japan
Aybay, Gunes	(72) LAI, Wenhui	(51) H04L 12/701
Venkatramani, Anjan	LIN, Danni	(11) EP3125477
Nanda, Phalguni	XIONG, Feng	(21) EP14890245.5
(31) 201113252852	LIU, Lin	(47) 26.08.2020
(32) 04.10.2011	ZHONG, Pengfei	(87) CN2014075840
(33) United States of America	XIAO, Richeng	29.10.2015
(51) H04L 12/46	XU, Lingfeng	(22) 21.04.2014
H04L 12/801	LIAO, Zengkang	(54) MESSAGE TRANSMISSION METHOD
(11) EP3449603	TANG, Cong	AND DEVICE AND COMMUNICATION
(21) EP16722808.9	HUANG, Ming	SYSTEM
(47) 26.08.2020	LI, Moubang	(73) Huawei Technologies Co., Ltd.
(87) EP2016059207	KUANG, Jianwei	(72) ZHOU, Wei
02.11.2017	WANG, Junchao	(51) H04L 12/703
(22) 25.04.2016	WANG, Song	H04L 12/715
(54) DATA CENTER NETWORK	WU, Zurong	(11) EP3276890
(73) Telefonaktiebolaget LM Ericsson (PUBL)	TU, Qiang	(21) EP15888846.1
(72) D'ERRICO, Antonio	ZHAI, Wei	(47) 26.08.2020
GIORGI, Luca	(31) 201610042161	(87) CN2015076916
BOTTARI, Giulio	(32) 21.01.2016	20.10.2016
(51) H04L 12/46	(33) China	(22) 17.04.2015
H04W 40/00	(51) H04L 12/58	(54) PRESERVING METHOD AND DEVICE
H04L 12/803	(11) EP3157204	FOR VIRTUAL NETWORK
H04W 76/12	(21) EP14894735.1	(73) Huawei Technologies Co., Ltd.
(11) EP3294006	(47) 26.08.2020	(72) HE, Jia
(21) EP17175609.1	(87) CN2014082521	LIN, Yi
(47) 26.08.2020	17.12.2015	(51) H04L 12/715
(22) 17.02.2014	(22) 18.07.2014	H04L 12/717
(54) MULTILINK-BASED DATA	(54) METHOD AND DEVICE FOR	H04L 12/753
TRANSMISSION METHOD AND	QUESTIONING AND ANSWERING	H04L 12/761
DEVICE	(73) Netease, Inc.	(11) EP3549313
(73) Huawei Device Co., Ltd.	(72) DING, Lei	(21) EP17818673.0
(72) ZHANG, Kai	RUAN, Liang	(47) 26.08.2020
WU, Haijun	XU, Hangsheng	(87) US2017063362
CHEN, Shuhua	(31) 201410256268	07.06.2018
(31) 201310066030	(32) 10.06.2014	(22) 28.11.2017
(32) 28.02.2013	(33) China	(54) GROUP-BASED PRUNING IN A
(33) China	(51) H04L 12/58	SOFTWARE DEFINED NETWORKING
(51) H04L 12/58	G06F 16/955	ENVIRONMENT
(11) EP3335190	(11) EP3341863	(73) Cisco Technology, Inc.
(21) EP16873348.3	(21) EP16840240.2	(72) MEHTA, Munish
(47) 26.08.2020	(47) 26.08.2020	JAIN, Saurabh
(87) KR2016014356	(87) US2016049136	JAIN, Praveen
15.06.2017	02.03.2017	DESAI, Ronak, K.
(22) 08.12.2016	(22) 26.08.2016	YANG, Yibin
(54) DEVICE AND METHOD FOR	(54) SUGGESTING OBJECT IDENTIFIERS	(31) 201615367317
PROVIDING USER-CUSTOMIZED	TO INCLUDE IN A COMMUNICATION	(32) 02.12.2016
CONTENT	(73) Pinterest, Inc.	(33) United States of America
(73) Samsung Electronics Co., Ltd.	(72) PROBASCO, Ryan Wilson	

(51) H04L 12/723	H04W 56/00	16.06.2014
H04L 12/761	(11) EP3459289	10.02.2015
(11) EP3297229	(21) EP18715144.4	25.03.2015
(21) EP16806513.4	(47) 26.08.2020	(33) United States of America
(47) 26.08.2020	(87) SE2018050287	United States of America
(87) CN2016071605	27.09.2018	United States of America
15.12.2016	(22) 21.03.2018	United States of America
(22) 21.01.2016	(54) NR BROADCAST CHANNEL	(51) H04L 27/26
(54) USER MULTICAST ROUTING METHOD	TRANSMISSION	H04W 74/08
AND APPARATUS, AND EDGE DEVICE	(73) Telefonaktiebolaget LM Ericsson (Publ)	H04W 84/12
(73) ZTE Corporation	(72) GRÖVLEN, Asbjörn	(11) EP3266269
(72) ZHANG, Zheng	SAHLIN, Henrik	(21) EP16759253.4
(31) 201510319369	WANG, Jianfeng	(47) 26.08.2020
(32) 11.06.2015	(31) PCT/CN2017/078102	(87) US2016017570
(33) China	(32) 24.03.2017	09.09.2016
(51) H04L 12/801	(33) World Intellectual Property Office (WIPO)	(22) 11.02.2016
H04L 12/823	(51) H04L 25/14	(54) ORTHOGONAL FREQUENCY
H04L 12/835	H04L 29/06	DIVISION MULTIPLE ACCESS BASED
H04L 12/841	(11) EP2290888	DISTRIBUTED CHANNEL ACCESS
(11) EP3399707	(21) EP10182283.1	(73) Intel IP Corporation
(21) EP18170803.3	(47) 26.08.2020	(72) GHOSH, Chittabrata Chitto
(47) 26.08.2020	(22) 16.10.2000	STACEY, Robert
(22) 04.05.2018	(54) WIRELESS PARALLEL	(31) 201562127675 P
(54) DATA FLOW CONTROL FOR DUAL	COMMUNICATIONS SYSTEM AND	201514866298
ENDED TRANSMISSION CONTROL	METHOD THEREFOR	(32) 03.03.2015
PROTOCOL PERFORMANCE	(73) BlackBerry Limited	25.09.2015
ENHANCEMENT PROXIES	(72) Hudson, John	(33) United States of America
(73) Global Eagle Entertainment Inc.	(31) 419211	United States of America
(72) RETNAMONY, Shadrach Benny	(32) 15.10.1999	(51) H04L 29/06
ECHEVARRIA, Luis Carrion	(33) United States of America	(11) EP3346666
(31) 201762501236 P	(51) H04L 27/00	(21) EP18150029.9
201815969613	H04B 7/10	(47) 26.08.2020
(32) 04.05.2017	(11) EP3291458	(22) 02.01.2018
02.05.2018	(21) EP15890757.6	(54) A PREDICTION SYSTEM
(33) United States of America	(47) 26.08.2020	CONFIGURED FOR MODELING THE
United States of America	(87) JP2015063013	EXPECTED NUMBER OF ATTACKS ON
(51) H04L 12/851	03.11.2016	A COMPUTER OR COMMUNICATION
H04L 12/869	(22) 30.04.2015	NETWORK
(11) EP2667554	(54) TRANSMISSION STATION, CONTROL	(73) Deutsche Telekom AG
(21) EP13168869.9	STATION, RECEPTION STATION,	(72) SHAPIRA, Bracha
(47) 26.08.2020	DATA TRANSFER SYSTEM, AND DATA	BAR, Ariel
(22) 23.05.2013	TRANSFER METHOD	MIMRAN, Dudu
(54) Hierarchal maximum information rate	(73) Mitsubishi Electric Corporation	UNGER, Moshe
enforcement	(72) TANI, Shigenori	ROKACH, Lior
(73) Gilat Satellite Networks Ltd.	SANO, Hiroyasu	BRODT, Oleg
(72) Meiri, Tzvika	MOTOYOSHI, Katsuyuki	(31) 24995017
(31) 201261651402 P	FUJIMURA, Akinori	(32) 05.01.2017
(32) 24.05.2012	EJIMA, Futaba	(33) Israel
(33) United States of America	IZUMI, Kyoichiro	(51) H04L 29/06
(51) H04L 12/861	(51) H04L 27/26	(11) EP2263171
H04L 12/935	(11) EP3132583	(21) EP09728663.7
(11) EP3249867	(21) EP15720160.9	(47) 26.08.2020
(21) EP17172494.1	(47) 26.08.2020	(87) US2009036410
(47) 26.08.2020	(87) US2015026160	08.10.2009
(22) 23.05.2017	22.10.2015	(22) 06.03.2009
(54) EFFICIENT USE OF BUFFER SPACE IN	(22) 16.04.2015	(54) HARDWARE INTERFACE FOR
A NETWORK SWITCH	(54) SIGNAL FIELD LENGTH INDICATION	ENABLING DIRECT ACCESS AND
(73) Mellanox Technologies TLV Ltd.	IN A HIGH EFFICIENCY WIRELESS	SECURITY ASSESSMENT SHARING
(72) KRISS, Roy	LOCAL AREA NETWORK (WLAN)	(73) Microsoft Technology Licensing, LLC
GAFNI, Barak	(73) NXP USA, Inc.	(72) NICE, Nir
ELIAS, George	(72) CAO, Rui	WALKER, Lee, F.
RUBINSTEIN, Eran	ZHENG, Xiayu	(31) 42691 P
BAR TIKVA, Shachar	ZHANG, Hongyuan	144863
(31) 201615161316	(31) 201461980417 P	(32) 04.04.2008
(32) 23.05.2016	201462012930 P	24.06.2008
(33) United States of America	201562114232 P	(33) United States of America
(51) H04L 25/03	201562138148 P	United States of America
H04W 48/16	(32) 16.04.2014	(51) H04L 29/06

G06F 21/31	11.03.2016	(54) SYSTEM AND METHOD OF
G06F 21/62	(33) United States of America	DETERMINING TEXT CONTAINING
(11) EP2756444	United States of America	CONFIDENTIAL DATA
(21) EP12831989.4	United States of America	(73) AO Kaspersky Lab
(47) 26.08.2020	United States of America	(72) DOROGOY, Dmitry S.
(87) US2012054387	(51) H04L 29/06	(31) 201715642659
21.03.2013	G06F 21/40	(32) 06.07.2017
(22) 10.09.2012	(11) EP3544256	(33) United States of America
(54) RESOURCE ACCESS AUTHORIZATION	(21) EP18167526.5	(51) H04L 29/06
(73) Microsoft Technology Licensing, LLC	(47) 26.08.2020	G06F 21/60
(72) OBASANJO, Oludare V.	(22) 16.04.2018	G06F 21/62
GORDON, Stephen R.	(54) PASSWORDLESS AND	(11) EP3276524
RADUTSKIY, Aleksandr	DECENTRALIZED IDENTITY	(21) EP16768084.2
HALLIN, Philip J.	VERIFICATION	(47) 26.08.2020
OSKOV, Atanas D.	(73) CyberArk Software Ltd.	(87) JP2016050210
VIEGAS, Jeremy D.	(72) KANDEL, Tal	29.09.2016
KITCHENER, Daniel C.	BRIN, Max	(22) 06.01.2016
(31) 201113230460	BARBOI, Dima	(54) ACCESS CONTROL SYSTEM AND
(32) 12.09.2011	ZWEIG, Noam	ACCESS CONTROL METHOD
(33) United States of America	(31) 201815925006	(73) Hitachi Solutions, Ltd.
(51) H04L 29/06	(32) 19.03.2018	(72) KIYOKAWA, Yuuichi
G06F 21/32	(33) United States of America	INOUE, Kouji
(11) EP3319292	(51) H04L 29/06	NAKAYAMA, Ryuuji
(21) EP16817193.2	G06F 21/55	OTA, Hiroyuki
(47) 26.08.2020	G06F 21/56	(31) 2015062999
(87) CN2016086868	(11) EP3430559	(32) 25.03.2015
05.01.2017	(21) EP16828876.9	(33) Japan
(22) 23.06.2016	(47) 26.08.2020	(51) H04L 29/06
(54) METHODS, CLIENT AND SERVER FOR	(87) US2016069034	G06F 21/64
CHECKING SECURITY BASED ON	21.09.2017	(11) EP3561712
BIOMETRIC FEATURES	(22) 28.12.2016	(21) EP19181490.4
(73) Alibaba Group Holding Limited	(54) SYSTEMS AND METHODS FOR	(47) 26.08.2020
(72) LIN, Junsui	GENERATING TRIPWIRE FILES	(22) 27.05.2016
(31) 201510394393	(73) Symantec Corporation	(54) SYSTEMS AND METHODS FOR
(32) 02.07.2015	(72) GU, Lei	DEPLOYING COUNTERMEASURES
(33) China	SOKOLOV, Ilya	AGAINST UNAUTHORIZED SCRIPTS
(51) H04L 29/06	BOUCHER, Matt	INTERFERING WITH THE RENDERING
G06F 21/34	(31) 201615070523	OF CONTENT ELEMENTS ON
(11) EP3583533	(32) 15.03.2016	INFORMATION RESOURCES
(21) EP18725079.0	(33) United States of America	(73) Google LLC
(47) 26.08.2020	(51) H04L 29/06	(72) BURRIESCI, Matthew
(87) US2018029403	G06F 21/55	ILLOWSKY, Rebeca
31.10.2019	G06F 21/57	(31) 201662289699 P
(22) 25.04.2018	G06F 16/2455	(32) 01.02.2016
(54) DELAYED TWO-FACTOR	G06F 16/901	(33) United States of America
AUTHENTICATION IN A NETWORKED	G06F 16/951	(51) H04L 29/06
ENVIRONMENT	(11) EP3295359	G06Q 20/32
(73) Google LLC	(21) EP16742436.5	G06Q 20/38
(72) LEWIS, Justin	(47) 26.08.2020	(11) EP3232633
DAVIES, Ruxandra	(87) US2016032227	(21) EP15867391.3
(51) H04L 29/06	24.11.2016	(47) 26.08.2020
G06F 21/35	(22) 12.05.2016	(87) CN2015096242
(11) EP3070632	(54) DETECTION OF SQL INJECTION	16.06.2016
(21) EP16160513.4	ATTACKS	(22) 03.12.2015
(47) 26.08.2020	(73) Virsec Systems, Inc.	(54) SERVICE PROCESSING METHOD AND
(22) 15.03.2016	(72) GUPTA, Satya, Vrat	APPARATUS, AND SERVICE SERVER
(54) BINDING TO A USER DEVICE	(31) 201562162621 P	(73) Alibaba Group Holding Limited
(73) Assa Abloy AB	201662286282 P	(72) ZHANG, Lei
(72) HOLLAND, James William	(32) 15.05.2015	(31) 201410751376
GUYOMARCH, François-Eric Michel	22.01.2016	(32) 09.12.2014
LOWE, Ian	(33) United States of America	(33) China
(31) 201562133633 P	United States of America	(51) H04L 29/06
201562149883 P	(51) H04L 29/06	G06Q 20/40
201615004297	G06F 21/60	G06F 21/32
201615067346	(11) EP3425549	(11) EP2779012
(32) 16.03.2015	(21) EP17196479.4	(21) EP14157692.6
20.04.2015	(47) 26.08.2020	(47) 26.08.2020
22.01.2016	(22) 13.10.2017	(22) 04.03.2014

(54) Pro-Active Identity Verification For Authentication Of Transaction Initiated Via Non-Voice Channel	H04L 29/08 G06F 3/0484 (11) EP3664414	PLATFORM, GATEWAY, AND MACHINE-READABLE MEDIUM (73) Siemens Aktiengesellschaft
(73) Nuance Communications, Inc.	(21) EP20155215.5	(72) NIE, Kun
(72) Sharp, Robert Douglas	(47) 26.08.2020	(31) 201710641944
(31) 201313830238	(22) 01.07.2013	(32) 31.07.2017
(32) 14.03.2013	(54) SYNCHRONIZED PLAYBACK OF A MEDIA PRESENTATION USING A "PLAY" CONTROL INPUT	(33) China
(33) United States of America		(51) H04L 29/06
(51) H04L 29/06	(73) Spotify AB	H04L 29/08
H04L 12/703	(72) GARMARK, Sten	H04M 3/42
H04L 12/709	RÖÖS, Karl Magnus	H04M 3/51
(11) EP3412009	ÖMAN, Anders	H04W 8/26
(21) EP17707094.3	BENGTSSON, Per Gunnar Joachim	H04W 12/00
(47) 26.08.2020	VESTERLUND, Marcus Per	H04W 12/12
(87) GB2017050207	(31) 201261666732 P	H04W 64/00
10.08.2017	201261727649 P	H04W 88/08
(22) 27.01.2017	(32) 29.06.2012	H04W 4/02
(54) MULTI-LANE COMMUNICATION	16.11.2012	H04W 4/90
(73) Star-Dundee Limited	(33) United States of America	(11) EP3554108
(72) FERRER FLORIT, Albert	United States of America	(21) EP18166731.2
(31) 201601802	(51) H04L 29/06	(47) 26.08.2020
201601873	H04L 29/08	(22) 11.04.2018
(32) 01.02.2016	G06F 16/178	(54) A COMMUNICATION SYSTEM AND METHOD FOR LOCATION IDENTIFICATION
02.02.2016	(11) EP3238096	(73) Deutsche Telekom AG
(33) United Kingdom	(21) EP15816925.0	(72) REITH, Lothar
United Kingdom	(47) 26.08.2020	PAUL, Manuel
(51) H04L 29/06	(87) US2015061951	
H04L 29/08	30.06.2016	(51) H04L 29/06
(11) EP3476096	(22) 20.11.2015	H04L 29/08
(21) EP17737324.8	(54) SYSTEM AND METHOD FOR DISCOVERING A LAN SYNCHRONIZATION CANDIDATE FOR A SYNCHRONIZED CONTENT MANAGEMENT SYSTEM	H04W 4/00
(47) 26.08.2020	(73) Dropbox, Inc.	(11) EP3373608
(87) FR2017051570	(72) ENDAHL, Jesse	(21) EP16881030.7
28.12.2017	JAYAKAR, Sujay	(47) 26.08.2020
(22) 16.06.2017	(31) 201414579872	(87) CN20161111101
(54) UDP COMMUNICATION METHOD BETWEEN TWO TERMINALS VIA MULTIPLE PATHS	(32) 22.12.2014	06.07.2017
(73) ORANGE	(33) United States of America	(22) 20.12.2016
(72) BOUCADAIR, Mohamed	(51) H04L 29/06	(54) METHOD AND APPARATUS FOR ACQUIRING RESOURCES
JACQUENET, Christian	H04L 29/08	(73) Huawei Technologies Co., Ltd.
(31) 1655907	H04L 12/801	(72) YIN, Jiaxin
(32) 24.06.2016	(11) EP3346671	GAO, Ying
(33) France	(21) EP16847841.0	WU, Jiaming
(51) H04L 29/06	(47) 26.08.2020	ZHANG, Yongjing
H04L 29/08	(87) CN2016084750	(31) 201511030526
(11) EP3528454	30.03.2017	(32) 31.12.2015
(21) EP19156533.2	(22) 03.06.2016	(33) China
(47) 26.08.2020	(54) SERVICE PROCESSING METHOD AND EQUIPMENT	(51) H04L 29/06
(22) 14.09.2017	(73) Huawei Technologies Co., Ltd.	H04L 29/08
(54) SINGLE SIGN-ON AND SINGLE LOGOUT FUNCTIONALITY FOR A MULTI-TENANT IDENTITY AND DATA SECURITY MANAGEMENT CLOUD SERVICE	(72) CHEN, Zhifeng	H04W 4/06
(73) Oracle International Corporation	(31) 201510621776	(11) EP2640099
(72) SUBRAMANIAN, Elangovan	(32) 25.09.2015	(21) EP11848357.7
UCHIL, Mrudul, Pradeep	(33) China	(47) 26.08.2020
SANKESARA, Bhavik	(51) H04L 29/06	(87) CN2011072640
KUPPALA, Siva Sundeep	H04L 29/08	21.06.2012
GANGAWANE, Jay Vijay	H04L 12/805	(22) 12.04.2011
JOSEPH, Binoy	H04L 12/863	(54) METHOD, SYSTEM AND APPARATUS FOR PROVIDING STREAM MEDIA SERVICE
(31) 201662394273 P	(11) EP3439262	(73) ZTE Corporation
201662394345 P	(21) EP18181655.4	(72) LIU, Jianmin
(32) 14.09.2016	(47) 26.08.2020	(31) 201010588355
14.09.2016	(22) 04.07.2018	(32) 14.12.2010
(33) United States of America	(54) METHOD AND SYSTEM FOR UPLOADING DATA TO CLOUD	(33) China
United States of America		(51) H04L 29/06
(51) H04L 29/06		H04L 29/08
		H04W 4/08
		H04W 12/08

(11) EP3092835	(51) H04L 29/06	(11) EP3254435
(21) EP15700913.5	H04L 29/10	(21) EP16707581.1
(47) 26.08.2020	(11) EP3000217	(47) 26.08.2020
(87) GB2015050028	(21) EP14801094.5	(87) US2016016359
16.07.2015	(47) 26.08.2020	11.08.2016
(22) 08.01.2015	(87) KR2014004546	(22) 03.02.2016
(54) TELECOMMUNICATIONS NETWORKS	27.11.2014	(54) POST-CONFERENCE PLAYBACK
(73) Vodafone IP Licensing Limited	(22) 21.05.2014	SYSTEM HAVING HIGHER PERCEIVED
(72) BINDRIM, Walter	(54) ELECTRONIC DEVICE USING	QUALITY THAN ORIGINALLY HEARD
MOUGHTON, John	LOGICAL CHANNELS FOR	IN THE CONFERENCE
POLLARD, Adam	COMMUNICATION	(73) Dolby Laboratories Licensing Corporation
FOX, David	(73) Samsung Electronics Co., Ltd.	(72) CARTWRIGHT, Richard J.
COSIMINI, Peter	(72) CHO, Ki-Soo	DICKINS, Glenn N.
CHENG, Matthew	IYER, Aravind	(31) PCT/CN2015/072161
PUDNEY, Christopher	ANJANAPPA, Mahesh	201562128631 P
(31) 201400302	PATRO, Ranjeet Kumar	(32) 03.02.2015
(32) 08.01.2014	VADLAPUDI, Prasad Tirumala Sree Hari	05.03.2015
(33) United Kingdom	Vara	(33) World Intellectual Property Office (WIPO)
(51) H04L 29/06	SEO, Suck-Ho	United States of America
H04L 29/08	CHOI, In-Hyuk	<hr/>
H04W 12/06	HONG, Il-Sung	(51) H04L 29/06
H04W 12/08	PATHAK, Abhijit C.	H04W 12/00
(11) EP3412017	PRABHUDESAI, Amit	(11) EP3264714
(21) EP17706313.8	SUBASH, Ashok	(21) EP17174007.9
(47) 26.08.2020	SHET, Ravindra Balkrishna	(47) 26.08.2020
(87) IB2017050618	SON, Dong-Hyoun	(22) 01.06.2017
10.08.2017	SHIM, Byeong-Ho	(54) METHOD FOR OPERATING A
(22) 03.02.2017	CHUNG, Ji-Ryang	VOICE CONTROL SYSTEM FOR
(54) METHOD AND APPARATUS FOR	HAO, Kangli	AUTHENTICATED VOICE CONTROL,
FACILITATING FRICTIONLESS TWO-	VASUDEVAN, Madhavan	HOUSEHOLD APPLIANCE, VOICE
FACTOR AUTHENTICATION	PATIL, Mahesh Malagouda	CONTROL UNIT, MANAGEMENT UNIT
(73) Averon US, Inc.	SHARMA, M.S.S.K.	AND VOICE CONTROL SYSTEM
(72) BROWN, Wendell	WABLE. Ranjitsinh Udaysinh	(73) Miele & Cie. KG
(31) 201662290491 P	AMBEKAR, Shekhar Anantha	(72) Langhammer, Nils
201662313845 P	KOTA, Subba Reddy Venkata	(31) 102016112061
201662325478 P	RAMEGOWDA, Raghavendra	(32) 01.07.2016
201662416210 P	Vaddarahalli	(33) Germany
(32) 03.02.2016	KAINOTH, Varunjith Therath	<hr/>
28.03.2016	BALEKUDIGE GOPALKRISHNA,	(51) H04L 29/06
21.04.2016	Vishwanath	H04W 12/00
02.11.2016	KIM, Nam-Kun	H04W 12/02
(33) United States of America	KIM, Young-Ju	H04W 12/04
United States of America	KIM, Jeong-Mi	H04W 4/00
United States of America	KIM, Chang-Sik	(11) EP3306886
United States of America	KIM, Hyeong-Geun	(21) EP16002183.8
(51) H04L 29/06	DASARI, Shashanka	(47) 26.08.2020
H04L 29/08	SHIM, Gyu-Seok	(22) 10.10.2016
H04W 12/08	SHIM, Won-Geun	(54) LPWA COMMUNICATION SYSTEM
H04W 12/12	AGIWAL, Anil	JOIN-IN
G06F 21/12	LEE, Jin-Hyuk	(73) Giesecke+Devrient Mobile Security
G06F 21/56	HAN, Sang-Hyun	GmbH
G06F 21/62	HWANG, In-Hyup	(72) Tea, Vui Huang
(11) EP3085050	HWANG, Ji-Young	<hr/>
(21) EP14824307.4	(31) 201361825702 P	(51) H04L 29/06
(47) 26.08.2020	201361870428 P	H04W 12/00
(87) US2014070829	201414281206	H04W 12/12
25.06.2015	201414281355	(11) EP2959707
(22) 17.12.2014	(32) 21.05.2013	(21) EP14711168.6
(54) PRIVILEGED STATIC HOSTED WEB	27.08.2013	(47) 26.08.2020
APPLICATIONS	19.05.2014	(87) EP2014053416
(73) Google LLC	19.05.2014	28.08.2014
(72) KAY, Erik	(33) United States of America	(22) 21.02.2014
(31) 201361918145 P	United States of America	(54) NETWORK SECURITY SYSTEM AND
201414522897	United States of America	METHOD
(32) 19.12.2013	United States of America	(73) Adaptive Mobile Security Limited
24.10.2014	(51) H04L 29/06	(72) BRADLEY, Ciaran
(33) United States of America	H04M 3/56	CARR, Hugh
United States of America	H04M 15/00	DILLON, Brendan
		MACLACHLAN, Gareth
		BUCKLEY, Mark
		(31) 201361768104 P

13159649	ACCESS CONTROL ENTITY TO MITIGATE ATTACK TRAFFIC	(72) LANDAIS, Gilbert GLOANEC, Simon
(32) 22.02.2013 15.03.2013	(73) Akamai Technologies, Inc.	(31) 1060395
(33) United States of America European Patent Office (EPO)	(72) Lee, Bonita G. Bero, Christopher	(32) 10.12.2010 (33) France
(51) H04L 29/06	(31) 201715608542	(51) H04L 29/08
H04W 12/04	(32) 30.05.2017	G06F 16/957
H04W 12/06	(33) United States of America	(11) EP3430789
H04W 12/08	(51) H04L 29/06	(21) EP16893837.1
H04W 48/16	H04W 12/08	(47) 26.08.2020
H04W 48/20	H04W 48/14	(87) CN2016076238
H04W 84/12	(11) EP3364628	21.09.2017
H04W 4/50	(21) EP18162627.6	(22) 14.03.2016
(11) EP3552359	(47) 26.08.2020	(54) SYSTEM AND METHOD FOR DELEGATING CONTENT PROCESSING
(21) EP17797163.7	(22) 26.04.2010	(73) eBay Inc.
(47) 26.08.2020	(54) METHOD AND APPARATUS TO DISCOVER AUTHENTICATION INFORMATION IN A WIRELESS NETWORKING ENVIRONMENT	(72) HU, Yue YANG, Yuquan
(87) EP2017079054 14.06.2018	(73) BlackBerry Limited	(51) H04L 29/08
(22) 13.11.2017	(72) MCCANN, Stephen	H04L 29/12
(54) CONFIGURATION OF WIRELESS-EQUIPPED DEVICES	MONTEMURRO, Michael	H04L 12/721
(73) British Telecommunications Public Limited Company	(31) 172597 P	H04L 12/725
(72) TOWNEND, David	504500	(11) EP3523945
(31) 16203021	(32) 24.04.2009	(21) EP17788003.6
(32) 08.12.2016	16.07.2009	(47) 26.08.2020
(33) European Patent Office (EPO)	(33) United States of America	(87) US2017054700
(51) H04L 29/06	United States of America	12.04.2018
H04W 12/06	(51) H04L 29/08	(22) 02.10.2017
(11) EP3490285	(11) EP3361703	(54) SYSTEM AND METHOD TO FACILITATE INTEGRATION OF INFORMATION-CENTRIC NETWORKING INTO INTERNET PROTOCOL NETWORKS
(21) EP17203819.2	(21) EP16861524.3	(73) Cisco Technology, Inc.
(47) 26.08.2020	(47) 26.08.2020	(72) MUSCARIELLO, Luca
(22) 27.11.2017	(87) CN2016104054	CAROFILIO, Giovanna
(54) WIRELESS COMMUNICATION WITH USER AUTHENTICATION	11.05.2017	AUGE, Jordan
(73) Siemens Aktiengesellschaft	(22) 31.10.2016	(31) 201662405490 P
(72) Fischer, Kai	(54) LOAD BALANCING METHOD, RELATED DEVICE AND SYSTEM	201762462253 P
Heintel, Markus	(73) Huawei Technologies Co., Ltd.	201715658576
(51) H04L 29/06	(72) WANG, Tianke	(32) 07.10.2016
H04W 12/06	XIONG, Longsheng	22.02.2017
H04W 4/38	SHAN, Rujun	25.07.2017
H04W 4/70	(31) 201510734298	(33) United States of America
G06F 40/20	(32) 02.11.2015	United States of America
(11) EP3367255	(33) China	United States of America
(21) EP16877713.4	(51) H04L 29/08	(51) H04L 29/08
(47) 26.08.2020	(11) EP3468150	H04L 29/12
(87) CN2016111102	(21) EP17194674.2	H04W 4/06
29.06.2017	(47) 26.08.2020	H04W 8/00
(22) 20.12.2016	(22) 04.10.2017	H04W 8/26
(54) METHOD AND DEVICE FOR SEMANTIC VERIFICATION	(54) HANDLING QUESTIONS OF CONVERSATIONAL SERVICES	H04W 84/12
(73) Huawei Technologies Co., Ltd.	(73) Nokia Technologies Oy	H04W 84/18
(72) GAO, Ying	(72) Huysegems, Rafaël	H04W 84/20
ZHANG, Yongjing	Theeten, Bart	H04W 92/18
YIN, Jiaxin	Van Cutsem, Tom	H04W 4/20
WU, Jiaming	(51) H04L 29/08	H04W 4/80
(31) 201510998415	(11) EP2649749	H04W 76/10
(32) 25.12.2015	(21) EP11805091.3	H04W 76/11
(33) China	(47) 26.08.2020	(11) EP3461109
(51) H04L 29/06	(87) FR2011052864	(21) EP18204467.7
H04W 12/08	14.06.2012	(47) 26.08.2020
(11) EP3410671	(22) 05.12.2011	(22) 20.02.2013
(21) EP18174420.2	(54) METHOD OF COLLECTING AND PROCESSING INFORMATION REPRESENTATIVE OF THE FUNCTIONAL STATE OF AN APPARATUS	(54) METHOD AND APPARATUS FOR ALLOCATING IP ADDRESS IN WIRELESS P2P COMMUNICATION NETWORK
(47) 26.08.2020	(73) ORANGE	(73) Samsung Electronics Co., Ltd.
(22) 25.05.2018		
(54) SYSTEMS AND METHODS FOR AUTOMATICALLY SELECTING AN		





Japan	(73) Dish Network, L.L.C.	(54) INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND PROGRAM
(51) H04M 1/02	(72) TRYGUBOVA, Svitlana	(73) Canon Kabushiki Kaisha
H04M 1/725	(31) 201715853019	(72) TAKENOUCHI, Takuya
H04W 4/80	(32) 22.12.2017	(31) 2014247330
(11) EP3232648	(33) United States of America	(32) 05.12.2014
(21) EP15866473.0	(51) H04M 1/73	(33) Japan
(47) 26.08.2020	H04W 52/02	(51) H04N 1/387
(87) CN2015075770	G06F 1/32	B29C 67/00
16.06.2016	(11) EP2658231	(11) EP3099050
(22) 02.04.2015	(21) EP11857153.8	(21) EP16170768.2
(54) COMBINED TYPE ATTACHMENT SYSTEM AND COMBINED TYPE ATTACHMENT THEREOF	(47) 26.08.2020	(47) 26.08.2020
(73) JRD Communication Inc.	(87) CN2011078820	(22) 23.05.2016
(72) LUO, Minli	02.08.2012	(54) PRINTING LAYER TRIMMING METHOD AND ELECTRONIC DEVICE USING THE SAME
SUN, Li	(22) 24.08.2011	(73) XYZprinting, Inc.
(31) 201410767237	(54) ENERGY-SAVING DEVICE AND METHOD FOR PORTABLE TERMINAL	Kinpo Electronics, Inc.
(32) 11.12.2014	(73) ZTE Corporation	Cal-Comp Electronics & Communications Company Ltd.
(33) China	(72) WANG, Xiaowei	(72) Chou, Ching-Yuan
(51) H04M 1/247	YIN, Tianci	Lu, Ting-Yu
G06F 3/0482	(31) 201110027482	(31) 201510270209
G06F 3/0488	(32) 25.01.2011	(32) 25.05.2015
(11) EP3364637	(33) China	(33) China
(21) EP15911048.5	(51) H04M 3/51	(51) H04N 1/409
(47) 26.08.2020	H04M 3/523	H04N 1/50
(87) CN2015098228	(11) EP2869545	(11) EP3226534
29.06.2017	(21) EP13803844.3	(21) EP17162492.7
(22) 22.12.2015	(47) 26.08.2020	(47) 26.08.2020
(54) METHOD AND APPARATUS FOR FILTERING OBJECT BY MEANS OF PRESSURE	(87) CN2013078174	(22) 23.03.2017
(73) Huawei Technologies Co., Ltd.	19.12.2013	(54) SIGNAL PROCESSING APPARATUS, SIGNAL PROCESSING METHOD, AND PROGRAM
(72) WANG, Tizheng	(22) 27.06.2013	(73) CANON KABUSHIKI KAISHA
(51) H04M 1/57	(54) METHOD AND DEVICE FOR DISTRIBUTING MOBILE ATTENDANT CALL	(72) SUWA, Tetsuya
H04M 1/64	(73) ZTE Corporation	ISHIKAWA, Tomokazu
H04M 1/725	(72) LI, Weihua	TANAKA, Wakao
H04M 3/533	(31) 201210225091	HORI, Shinjiro
H04W 4/12	(32) 02.07.2012	(31) 2016070728
(11) EP3518511	(33) China	(32) 31.03.2016
(21) EP19160400.8	(51) H04N 1/00	(33) Japan
(47) 26.08.2020	G06F 1/3209	(51) H04N 1/41
(22) 13.09.2012	G06F 1/3287	H04N 1/46
(54) DIVIDED CALL HISTORY USER INTERFACE	G06F 1/3293	H04N 1/64
(73) Google LLC	(11) EP3125071	(11) EP3158721
(72) LERDA, Flavio	(21) EP16178424.4	(21) EP14895448.0
HUDSON, Hugo	(47) 26.08.2020	(47) 26.08.2020
CHATTERJEE, Debashish	(22) 07.07.2016	(87) US2014043451
TICKNER, Simon	(54) ELECTRONIC DEVICE THAT ENSURES REDUCED POWER CONSUMPTION, ELECTRIC POWER CONTROL METHOD, AND RECORDING MEDIUM	23.12.2015
FOSTER, Marcus Alexander	(73) Kyocera Document Solutions Inc.	(22) 20.06.2014
(31) 201161538905 P	(72) Aiba, Masaaki	(54) SYSTEM AND METHOD FOR ENCODING AND AUTHENTICATING A DIGITAL IMAGE
201213352128	(31) 2015151951	(73) Signs & Wonders Unlimited LLC
(32) 25.09.2011	2015152924	(72) POWERS, Nancy
17.01.2012	(32) 31.07.2015	KOCSIS, Paul
(33) United States of America	31.07.2015	(51) H04N 5/00
United States of America	(33) Japan	H04N 7/173
(51) H04M 1/60	Japan	H04N 21/232
H04M 1/725	(51) H04N 1/00	H04N 21/61
H04W 4/16	H04N 1/32	H04N 21/6405
G10L 15/00	H04N 1/60	H04N 21/6408
G10L 25/78	G06F 3/048	H04N 19/61
H04W 4/48	G06F 3/0482	(11) EP1981284
(11) EP3503513	(11) EP3029922	(21) EP07007559.3
(21) EP18215304.9	(21) EP15197603.2	
(47) 26.08.2020	(47) 26.08.2020	
(22) 21.12.2018	(22) 02.12.2015	
(54) VOICE-ACTIVATED CALL PICK-UP FOR MOBILE DEVICE		

(47) 26.08.2020	(11) EP3309591	(87) AT2014050158
(22) 12.04.2007	(21) EP16807526.5	21.01.2016
(54) Method for reading data and device	(47) 26.08.2020	(22) 15.07.2014
(73) ADTRAN GmbH	(87) JP2016067096	(54) METHOD FOR DISPLAYING THREE
(72) Kloppe, Karl	15.12.2016	DIMENSIONAL SCENE ON AN
Mück, Josef	(22) 08.06.2016	AUTOSTEREO SCOPIC DISPLAY
(51) H04N 5/225	(54) ARRAY SUBSTRATE AND RADIATION	(73) NOVOMATIC AG
H04N 5/232	DETECTOR	(72) KUGLER, Andreas
G06T 7/246	(73) Canon Electron Tubes & Devices Co.,	(51) H04N 13/30
G06T 7/80	Ltd.	(11) EP3499296
(11) EP3416367	(72) SHIMBA, Yuichi	(21) EP19155000.3
(21) EP16889398.0	(31) 2015117551	(47) 26.08.2020
(47) 26.08.2020	(32) 10.06.2015	(22) 08.04.2015
(87) JP2016085737	(33) Japan	(54) GLASSES-FREE 3D DISPLAY MOBILE
10.08.2017	(51) H04N 5/44	DEVICE, SETTING METHOD OF THE
(22) 01.12.2016	H04N 5/445	SAME, AND USING METHOD OF THE
(54) CAMERA CALIBRATION DEVICE	H04N 21/21	SAME
(73) Clarion Co., Ltd.	H04N 21/41	(73) Samsung Electronics Co., Ltd.
(72) SAKANO, Morihiko	H04N 21/422	(72) SHIN, Yoon-cheol
(31) 2016018717	H04N 21/4227	LEE, Won-jun
(32) 03.02.2016	H04N 21/431	(31) 201462013836 P
(33) Japan	H04N 21/47	20140132660
(51) H04N 5/335	H04N 21/482	(32) 18.06.2014
H05K 13/00	H04N 21/643	01.10.2014
H05K 13/04	H04L 29/08	(33) United States of America
H05K 13/08	H04M 1/725	Korea (Republic)
G06T 7/00	G06F 3/038	(51) H04N 19/107
(11) EP3270677	G06F 3/048	H04N 19/31
(21) EP15884550.3	G06F 3/0482	H04N 19/44
(47) 26.08.2020	G06F 3/0488	H04N 19/46
(87) JP2015056956	G06F 9/44	H04N 19/70
15.09.2016	(11) EP3101520	(11) EP2941879
(22) 10.03.2015	(21) EP16181014.8	(21) EP14702672.8
(54) MOUNTING DEVICE, IMAGE	(47) 26.08.2020	(47) 26.08.2020
PROCESSING METHOD AND IMAGING	(22) 16.04.2010	(87) US2014010487
UNIT	(54) DIRECTIONAL TOUCH REMOTE	10.07.2014
(73) FUJI Corporation	(73) Apple Inc.	(22) 07.01.2014
(72) AMANO, Masafumi	(72) BRODERSEN, Rainer	(54) GRADUAL DECODING REFRESH WITH
KOTANI, Kazuya	CANNISTRARO, Alan	TEMPORAL SCALABILITY SUPPORT
YAMAKAGE, Yusuke	ROBBIN, Jeffrey, L	IN VIDEO CODING
MORI, Ryosuke	LINDLEY, Gregory, Charles	(73) QUALCOMM INCORPORATED
(51) H04N 5/367	(31) 434556	(72) WANG, Ye-Kui
H04N 5/369	(32) 01.05.2009	RAMASUBRAMONIAN, Adarsh Krishnan
H04N 5/376	(33) United States of America	(31) 201361749880 P
H01L 27/146	(51) H04N 7/15	201414148000
(11) EP3468169	G01S 15/00	(32) 07.01.2013
(21) EP17806771.6	(11) EP3271744	06.01.2014
(47) 26.08.2020	(21) EP16713210.9	(33) United States of America
(87) JP2017020369	(47) 26.08.2020	United States of America
07.12.2017	(87) US2016022422	(51) H04N 19/109
(22) 31.05.2017	22.09.2016	H04N 19/142
(54) IMAGE CAPTURING DEVICE, IMAGE	(22) 15.03.2016	H04N 19/176
CAPTURING METHOD, CAMERA	(54) ULTRASONIC ECHO CANCELER-	H04N 19/577
MODULE, AND ELECTRONIC DEVICE	BASED TECHNIQUE TO DETECT	H04N 19/87
(73) Sony Semiconductor Solutions	PARTICIPANT PRESENCE AT A VIDEO	(11) EP2983361
Corporation	CONFERENCE ENDPOINT	(21) EP14787580.1
(72) OKA, Takumi	(73) Cisco Technology, Inc.	(47) 26.08.2020
SUZUKI, Atsushi	(72) BIRKENES, Oystein	(87) CN2014076257
KAWAZU, Naoki	BURENIUS, Lennart	30.10.2014
(31) 2016109196	TANGELAND, Kristian	(22) 25.04.2014
(32) 31.05.2016	(31) 201514662691	(54) VIDEO FRAME FADE DETECTION
(33) Japan	(32) 19.03.2015	METHOD AND DEVICE
(51) H04N 5/369	(33) United States of America	(73) Huawei Technologies Co., Ltd.
G01T 7/00	(51) H04N 13/117	(72) ZHANG, Lei
H01L 27/14	H04N 13/128	YAO, Zhigang
H01L 27/144	(11) EP3170307	XIE, Qingpeng
H01L 27/146	(21) EP14749703.6	(31) 201310152569
H04N 5/32	(47) 26.08.2020	(32) 27.04.2013

(33) China	HENDRY, Fnu	H04N 21/854
(51) H04N 19/117	(31) 201361890763 P	H04N 19/119
H04N 19/14	201414512199	H04N 19/12
H04N 19/174	(32) 14.10.2013	H04N 19/124
H04N 19/182	10.10.2014	H04N 19/162
H04N 19/46	(33) United States of America	H04N 19/179
H04N 19/82	United States of America	(11) EP3095030
H04N 19/86	(51) H04N 19/433	(21) EP14878907.6
(11) EP2774371	H04N 19/58	(47) 26.08.2020
(21) EP12791448.9	H04N 19/70	(87) US2014071735
(47) 26.08.2020	(11) EP2770734	23.07.2015
(87) EP2012071748	(21) EP12841179.0	(22) 19.12.2014
10.05.2013	(47) 26.08.2020	(54) STREAMING MULTIPLE ENCODINGS
(22) 02.11.2012	(87) JP2012006235	ENCODED USING DIFFERENT
(54) EFFICIENT ROUNDING FOR	25.04.2013	ENCODING PARAMETERS
DEBLOCKING	(22) 28.09.2012	(73) Avigilon Corporation
(73) Sun Patent Trust	(54) IMAGE CODING METHOD AND IMAGE	(72) MARLATT, Shaun P.
(72) NARROSCHKE, Matthias	CODING DEVICE	SHIR, Oren
KOTRA, Anand	(73) Sun Patent Trust	NEUFELD, Peter W.
ESENLIK, Semih	(72) WAHADANIAH, Viktor	NGUYEN, Van C.
WEDI, Thomas	LIM, Chong Soon	AFROOZE, Sina
(31) 201161555181 P	NAING, Sue Mon Thet	(31) 201461927952 P
(32) 03.11.2011	SUN, Hai Wei	201414568081
(33) United States of America	NISHI, Takahiro	(32) 15.01.2014
(51) H04N 19/119	SASAI, Hisao	11.12.2014
H04N 19/159	SHIBAHARA, Youji	(33) United States of America
H04N 19/176	SUGIO, Toshiyasu	United States of America
H04N 19/46	TANIKAWA, Kyoko	(51) H04N 21/235
H04N 19/52	MATSUNOBU, Toru	H04N 21/236
H04N 19/61	TERADA, Kengo	H04N 21/433
H04N 19/70	(31) 201161548842 P	H04N 21/434
(11) EP2597874	(32) 19.10.2011	H04N 21/435
(21) EP11809603.1	(33) United States of America	H04N 21/436
(47) 26.08.2020	(51) H04N 21/234	H04N 21/4363
(87) JP2011066120	H04N 21/2381	H04N 21/443
26.01.2012	H04N 21/242	H04N 21/462
(22) 14.07.2011	H04N 21/2668	H04N 21/4782
(54) IMAGE PREDICTION ENCODING	H04N 21/43	H04N 21/6332
METHOD, IMAGE PREDICTION	H04N 21/472	H04N 21/6543
DECODING DEVICE, IMAGE	H04N 21/6543	H04N 21/81
PREDICTION DECODING METHOD	H04L 12/18	H04H 20/16
AND IMAGE PREDICTION DECODING	H04L 29/06	H04H 60/13
PROGRAM	(11) EP3047651	H04H 60/80
(73) NTT DOCOMO, INC.	(21) EP14846458.9	(11) EP3139619
(72) SUZUKI, Yoshinori	(47) 26.08.2020	(21) EP15785875.4
TAKIUE, Junya	(87) KR2014008664	(47) 26.08.2020
BOON, Choong Seng	26.03.2015	(87) JP2015002023
TAN, Thiow Keng	(22) 17.09.2014	05.11.2015
(31) 2010174869	(54) A METHOD AND SYSTEM FOR	(22) 10.04.2015
2010163245	INTEGRATING CONTENT VIEWING	(54) BROADCAST RECEIVER, BROADCAST
(32) 03.08.2010	AND COMMUNICATION IN IMMERSIVE	RECEPTION METHOD, INFORMATION
20.07.2010	SOCIAL CENTRE SESSION	PROCESSING APPARATUS,
(33) Japan	(73) Samsung Electronics Co., Ltd.	INFORMATION PROCESSING
Japan	(72) SELVARAJ, Ashok Kumar	METHOD, BROADCAST APPARATUS,
(51) H04N 19/30	PATTAN, Basavaraj Jayawant	AND BROADCAST METHOD
H04N 19/436	LEE, Kyung-Tak	(73) Sony Corporation
H04N 19/70	OH, Gyubong	(72) KITAZATO, Naohisa
(11) EP3058729	(31) 4201CH2013	(31) 2014094278
(21) EP14792942.6	4223CH2013	(32) 30.04.2014
(47) 26.08.2020	(32) 18.09.2013	(33) Japan
(87) US2014060445	19.09.2013	(51) H04N 21/2368
23.04.2015	(33) India	H04N 21/43
(22) 14.10.2014	India	H04N 21/434
(54) INDICATION OF PARALLEL	(51) H04N 21/2343	H04N 21/438
PROCESSING IN VIDEO CODING	H04N 21/235	H04N 21/439
(73) Qualcomm Incorporated	H04N 21/2365	H04N 19/44
(72) RAPAKA, Krishnakanth	H04N 21/43	(11) EP3542536
WANG, Ye-Kui	H04N 21/4728	(21) EP17803846.9

(47) 26.08.2020	(54) METHOD AND APPARATUS FOR CONTROLLING A DEVICE	(21) EP18305104.4
(87) EP2017079037 24.05.2018	(73) Samsung Electronics Co., Ltd	(47) 26.08.2020
(22) 13.11.2017	(72) EUN, Dong-Jin	(22) 01.02.2018
(54) METHOD FOR DECODING AN AUDIO/VIDEO STREAM AND CORRESPONDING DEVICE	KIM, Hark-Joon	(54) A METHOD FOR STREAMING AN AUDIO VIDEO CONTENT
(73) InterDigital CE Patent Holdings	KANG, Seong-Hoon	(73) Broadpeak
(72) QUERE, Thierry	(31) 20110005987	(72) MARTIN, Jean-François
SEINGIER, François-Xavier	(32) 20.01.2011	DESMAUTS, Jérémy
RIGAL, Renaud	(33) Korea (Republic)	LE MANCQ, Jacques
(31) 16306495	(51) H04N 21/433	(51) H04N 21/482
(32) 16.11.2016	H04N 21/4788	G06F 3/048
(33) European Patent Office (EPO)	(11) EP2954693	(11) EP3473014
(51) H04N 21/237	(21) EP14715177.3	(21) EP17795121.7
H04N 21/254	(47) 26.08.2020	(47) 26.08.2020
H04N 21/266	(87) US2014022872	(87) US2017057670
(11) EP3380983	25.09.2014	12.07.2018
(21) EP16813009.4	(22) 10.03.2014	(22) 20.10.2017
(47) 26.08.2020	(54) PROCESSING OF SOCIAL MEDIA FOR SELECTED TIME-SHIFTED MULTIMEDIA CONTENT	(54) ELECTRONIC PROGRAMMING GUIDE WITH EXPANDING CELLS FOR VIDEO PREVIEW
(87) FR2016053065	(73) ARRIS Enterprises LLC	(73) Google LLC
01.06.2017	(72) TARBOX, Brian J.	(72) CORMICAN, Neil P.
(22) 24.11.2016	WIENER, Stewart M.	KLEINERMAN, Michael
(54) METHOD FOR THE IDENTIFICATION OF SECURITY PROCESSORS	(31) 201361802076 P	POES, Andrew
(73) Viaccess	201361802381 P	(31) 201715400814
(72) TRONEL, Bruno	201313855687	(32) 06.01.2017
(31) 1561518	201313855686	(33) United States of America
(32) 27.11.2015	(32) 15.03.2013	(51) H04Q 11/00
(33) France	16.03.2013	H04L 12/931
(51) H04N 21/2668	02.04.2013	H04L 12/933
H04N 21/41	02.04.2013	H04L 12/937
H04N 21/436	(33) United States of America	(11) EP3164962
H04N 21/442	United States of America	(21) EP15816017.6
H04N 21/45	United States of America	(47) 26.08.2020
H04N 21/458	United States of America	(87) US2015039045
H04N 21/81	(51) H04N 21/4363	07.01.2016
(11) EP3117621	H04N 21/64	(22) 02.07.2015
(21) EP14885483.9	H04L 12/16	(54) DATA CENTER PATH SWITCH WITH IMPROVED PATH INTERCONNECTION ARCHITECTURE
(47) 26.08.2020	H04L 12/28	(73) Fiber Mountain, Inc.
(87) KR2014011192	H04L 29/02	(72) RAZA, Mohammad, H.
17.09.2015	H04L 29/06	STONE, David, G.
(22) 20.11.2014	H04L 29/08	LORENZO, Aristito
(54) VIDEO DISPLAY DEVICE AND METHOD OF CONTROLLING THE SAME	H04L 29/12	PLANTE, Ronald, M.
(73) LG Electronics Inc.	H04L 12/721	LAGANA, John, R.
(72) CHOI, Jiho	H04L 12/751	(31) 201462020894 P
JANG, Saehun	H04L 12/935	(32) 03.07.2014
KIM, Hyeonhui	(11) EP2540032	(33) United States of America
KIM, Jungdo	(21) EP11747660.6	(51) H04R 1/28
YEO, Junhee	(47) 26.08.2020	(11) EP3395079
(31) 20140030483	(87) KR2011001211	(21) EP16820392.5
(32) 14.03.2014	01.09.2011	(47) 26.08.2020
(33) Korea (Republic)	(22) 23.02.2011	(87) US2016064215
(51) H04N 21/41	(54) A METHOD AND AN APPARATUS FOR TRANSMITTING MESSAGES IN HOME NETWORK SYSTEM	29.06.2017
H04N 21/422	(73) LG Electronics Inc.	(22) 30.11.2016
H04N 21/4223	(72) LEE, Min Soo	(54) MITIGATING EFFECTS OF CAVITY RESONANCE IN SPEAKERS
H04N 21/436	KIM, Jin Ho	(73) Bose Corporation
H04N 5/225	JEON, Beom Jin	(72) LIPPITT, Benjamin
H04N 5/232	(31) 306953 P	ZASTOUPIL, Greg
H04N 13/398	(32) 23.02.2010	(31) 201514978939
(11) EP2666285	(33) United States of America	(32) 22.12.2015
(21) EP11856546.4	(51) H04N 21/442	(33) United States of America
(47) 26.08.2020	H04N 21/63	(51) H04R 3/00
(87) KR2011007646	H04N 21/6373	(11) EP2508010
26.07.2012	H04L 29/06	(21) EP09806011.4
(22) 14.10.2011	H04L 29/08	(47) 26.08.2020
	(11) EP3522498	

(87) EP2009066080 03.06.2011	(72) WAGNER, Paul AU, Michael	(31) 201862701350 P 201862719919 P 201862721417 P 18208020
(22) 30.11.2009	CHANA, Barjinder	(32) 20.07.2018 20.08.2018 22.08.2018 23.11.2018
(54) AN APPARATUS FOR PROCESSING AUDIO SIGNALS IN DEPENDENCE OF MOTION AND ORIENTATION OF THE APPARATUS	KARAMUK, Erdal KHAN, Mehnaz BAER, Daniel VAN OERLE, Gerard VONLANTHEN, Andi	(33) United States of America United States of America United States of America European Patent Office (EPO)
(73) Nokia Technologies Oy		
(72) KARKKAINEN, Asta Maria VIROLAINEN, Jussi	(51) H04R 25/00 (11) EP3313097	
(51) H04R 3/00 H04S 7/00 G10L 21/0208 G10L 21/0216	(21) EP17197395.1 (47) 26.08.2020 (22) 19.10.2017	(51) H04W 4/08 H04W 84/12 H04W 84/18 H04W 4/029 H04W 4/21
(11) EP3580756	(54) AN EAR BUD OR DOME	(11) EP3567882
(21) EP18707500.7 (47) 26.08.2020	(73) Sonion Nederland B.V.	(21) EP19183890.3 (47) 26.08.2020
(87) US2018017774 16.08.2018	(72) Lawand, Nishant Rietman, Peter Brouwer, Theodorus Gerardus Maria Maas, René Bakuwel, Robert Muijtjens, Ricardo Timothy Jonathan van der Most, Sally	(22) 16.06.2009 (54) MASHUP APPLICATION AND SERVICE FOR WIRELESS DEVICES (73) Microsoft Technology Licensing, LLC (72) SHEN, Guobin ZHANG, Yongguang LU, Songwu
(22) 12.02.2018	(31) 16194625 (32) 19.10.2016 (33) European Patent Office (EPO)	(31) 140251 (32) 16.06.2008 (33) United States of America
(54) AUDIO SYSTEMS AND METHOD FOR PERTURBING SIGNAL COMPENSATION	(51) H04R 25/00 (11) EP1952668 (21) EP05804258.1 (47) 26.08.2020 (87) CH2005000701 31.05.2007 (22) 25.11.2005	(51) H04W 4/12 H04W 56/00 H04W 72/04 H04W 72/12 H04W 4/02 H04W 4/40 H04W 4/90 H04W 76/14
(73) Bose Corporation	(54) METHOD FOR FITTING A HEARING DEVICE	(11) EP3349489 (21) EP16844713.4 (47) 26.08.2020 (87) KR2016010119 16.03.2017
(72) HERA, Cristian, M. VAUTIN, Jeffery, R. BOU DAHER, Elie ARGYROPOULOS, Paraskevas KATHAVARAYAN, Vigneish	(73) Sonova AG (72) BORETZKI, Michael DÜRST, Manfred FICHTL, Elmar	(22) 08.09.2016 (54) METHOD FOR DEVICE-TO-DEVICE DIRECT COMMUNICATION IN WIRELESS COMMUNICATION SYSTEM, AND APPARATUS THEREFOR (73) LG Electronics Inc. (72) SEO, Hanbyul (31) 201562216347 P (32) 09.09.2015 (33) United States of America
(31) 201715431029 (32) 13.02.2017 (33) United States of America	(51) H04R 3/04 H04R 3/12 H04R 5/04 H04S 7/00 (11) EP3406084 (21) EP17741772.2 (47) 26.08.2020 (87) US2017013061 27.07.2017 (22) 11.01.2017	(51) H04W 4/14 H04W 8/14 H04W 12/06 H04W 36/12 H04W 36/22 H04W 80/10 H04W 4/02 H04W 4/60
(54) SUBBAND SPATIAL AND CROSSTALK CANCELLATION FOR AUDIO REPRODUCTION	(11) EP3391665 (21) EP15813334.8 (47) 26.08.2020 (87) EP2015079723 22.06.2017 (22) 15.12.2015	(11) EP3494718 (21) EP18735818.9 (47) 26.08.2020 (87) CN2018071632 12.07.2018 (22) 05.01.2018
(73) Boomcloud 360, Inc. (72) SELDESS, Zachary TRACEY, James KRAEMER, Alan	(54) METHOD OF OPERATING A HEARING DEVICE	
(31) 201662280119 P 201662388366 P (32) 18.01.2016 29.01.2016 (33) United States of America United States of America	(73) Sonova AG (72) MEIER, Hilmar KURMANN, Reto EL GUINDI, Nadim WESSEL, Thomas LAUNER, Stefan	
(51) H04R 25/00 (11) EP3473021 (21) EP16736308.4 (47) 26.08.2020 (87) US2016038179 21.12.2017 (22) 17.06.2016	(51) H04R 25/00 G10L 19/02 G10L 19/032 (11) EP3598442 (21) EP19187377.7 (47) 26.08.2020 (22) 19.07.2019	
(54) A CUSTOMIZED DEVICE FOR INSERTION OF A DEEP-CANAL HEARING AID AND A METHOD FOR MANUFACTURING AND USING SUCH AN INSERTION DEVICE	(54) SYSTEMS AND METHODS FOR MODIFYING AN AUDIO SIGNAL USING CUSTOM PSYCHOACOUSTIC MODELS	
(73) Sonova AG	(73) Mimi Hearing Technologies GmbH (72) Clark, Nicholas R.	

(54) SYSTEMS AND METHODS FOR APPLICATION-FRIENDLY PROTOCOL DATA UNIT (PDU) SESSION MANAGEMENT	(21) EP15759347.6 (47) 26.08.2020 (87) US2015019182 11.09.2015	(32) 08.12.2014 (33) United States of America
(73) Huawei Technologies Co., Ltd.	(22) 06.03.2015	(51) H04W 16/04 H04W 16/14
(72) Li, Xu	(54) CELL TOWER FUNCTIONALITY WITH SATELLITE ACCESS TO ALLOW A CELL DEVICE TO ROAM ON A SATELLITE NETWORK	(11) EP3295698 (21) EP16802560.9 (47) 26.08.2020 (87) CN2016084401 08.12.2016
(31) 201762442857 P 201762455368 P 201762459985 P 201762473274 P 201762477384 P 201762487960 P 201762491529 P 201762522040 P 201715832103	(73) Globalstar, Inc. (72) CROWLEY, Joseph BLANCHARD, Eric MONTE, Paul, A. AMRAN, Prihamdhani	(22) 01.06.2016 (54) SYSTEM AND METHOD FOR PROVISION AND DISTRIBUTION OF SPECTRUM RESOURCES
(32) 05.01.2017 06.02.2017 16.02.2017 17.03.2017 27.03.2017 20.04.2017 28.04.2017 19.06.2017 05.12.2017	(31) 201461949588 P (32) 07.03.2014 (33) United States of America	(73) Huawei Technologies Co., Ltd. (72) VRZIC, Sophie ZHANG, Hang SENARATH, Nimal Gamini
(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 United States of America United States of America	(31) 201461949588 P (32) 07.03.2014 (33) United States of America	(31) 201562169243 P 201562220693 P 201615168411
(51) H04W 4/14 H04W 48/12 H04W 4/70	(51) H04W 8/18 H04W 8/20 H04W 88/06	(32) 01.06.2015 18.09.2015 31.05.2016
(11) EP3090577 (21) EP14810071.2 (47) 26.08.2020	(11) EP3228104 (21) EP15839070.8 (47) 26.08.2020	(33) United States of America United States of America United States of America
(87) US2014066264 09.07.2015	(87) IB2015057178 24.03.2016	(51) H04W 16/10 H04W 24/10
(22) 19.11.2014	(2) 17.09.2015	(11) EP3487208 (21) EP18203195.5 (47) 26.08.2020 (22) 08.10.2011
(54) METHODS AND SYSTEMS FOR OPTIMIZING SHORT DATA BURST SERVICES OVER AN LTE NETWORK	(54) APPARATUSES, METHODS AND SYSTEMS FOR IMPLEMENTING A TRUSTED SUBSCRIPTION MANAGEMENT PLATFORM	(54) METHOD AND APPARATUS FOR COORDINATING DIFFERENT TYPES OF BASE STATIONS IN A HETEROGENEOUS COMMUNICATIONS SYSTEM
(73) Alcatel Lucent	(73) Simless, Inc.	(73) Huawei Technologies Co., Ltd.
(72) WANG, Jin YANG, Yang ZOU, Jialin	(72) WANE, Ismaila	(72) OTERI, Oghenekome JANSE VAN RENSBURG, Cornelius XIAO, Weimin
(31) 201314145244	(31) 201462051311 P 201462078006 P 201562162740 P 201562171246 P	(31) 201113252646 41130710 P 38956510 P
(32) 31.12.2013	(32) 17.09.2014 11.11.2014 16.05.2015 05.06.2015	(32) 04.10.2011 08.11.2010 04.10.2010
(33) United States of America	(33) United States of America United States of America United States of America United States of America	(33) United States of America United States of America United States of America
(51) H04W 4/24	(51) H04W 16/02 H04W 48/02 H04W 48/08 H04W 74/00 H04W 88/08 H04W 4/70 H04W 76/00	(51) H04W 16/14 H04W 72/12 H04W 74/02
(11) EP2144458 (21) EP08159871.6 (47) 26.08.2020	(11) EP3231251 (21) EP15867285.7 (47) 26.08.2020	(11) EP3446531 (21) EP17724130.4 (47) 26.08.2020 (87) SE2017050395 26.10.2017
(22) 08.07.2008	(87) US2015034032 16.06.2016	(87) SE2017050395 26.10.2017
(54) A system operable to enable mobile access	(54) EVOLVED NODE B, METHOD AND COMPUTER-READABLE NON-TRANSITORY MEDIA ASSOCIATED WITH PARTITIONING OF A COMMUNICATION BAND	(22) 21.04.2017 (54) METHOD AND APPARATUS FOR PERFORMING UNSCHEDULED UPLINK TRANSMISSIONS ON AN UNLICENSED BAND
(73) Synapse International S.A.	(73) Intel Corporation	(73) Telefonaktiebolaget LM Ericsson (PUBL)
(72) Bergqvist, Per	(72) RASHID, Mohammad Mamunur JHA, Satish C. GUPTA, Maruti VANNITHAMBY, Rath	(72) OBREGON, Evanny CHENG, Jung-Fu MUKHERJEE, Amitav KARAKI, Reem
(51) H04W 8/04 H04W 8/06 H04W 8/12 H04W 36/00 H04W 84/04	(31) 201414563930	
(11) EP3114876		

KANG, Du Ho	(72) ERIKSSON, Erik	(33) China
(31) 201662326292 P	RAMACHANDRA, Pradeepa	(51) H04W 36/00
(32) 22.04.2016	MOOSAVI, Reza	H04W 36/30
(33) United States of America	BERGLUND, Joel	H04W 88/06
(51) H04W 16/18	CIRKIC, Mirsad	H04W 76/23
H04W 24/00	(51) H04W 24/02	(11) EP2962491
H04W 52/02	H04W 24/08	(21) EP14705050.4
H04W 72/00	H04W 84/18	(47) 26.08.2020
(11) EP3445104	(11) EP2638723	(87) EP2014051020
(21) EP16901265.5	(21) EP10779534.6	04.09.2014
(47) 26.08.2020	(47) 26.08.2020	(22) 20.01.2014
(87) CN2016081730	(87) EP2010067322	(54) RADIO COMMUNICATION DEVICES
16.11.2017	18.05.2012	AND CELLULAR WIDE AREA RADIO
(22) 11.05.2016	(22) 11.11.2010	BASE STATION FOR DEVICE-
(54) BASE STATION CLUSTERING AND	(54) NETWORK MANAGEMENT	TO-DEVICE COMMUNICATION
BASE STATION CONTROL METHOD	(73) Nokia Solutions and Networks Oy	HANDOVER
AND DEVICE	(72) SUERBAUM, Clemens	(73) Intel Corporation
(73) Huawei Technologies Co., Ltd.	(51) H04W 24/04	Intel Deutschland GmbH
(72) JIN, Shi	H04W 60/00	(72) PHUYAL, Umesh
ZHAO, Yaqi	H04W 68/00	BIENAS, Maik
DENG, Tianle	H04W 76/27	ZONG, Pingping
(51) H04W 16/32	H04W 76/38	HEO, Youn Hyoung
H04W 76/15	(11) EP3516890	(31) 201313779884
(11) EP3016440	(21) EP18716066.8	(32) 28.02.2013
(21) EP14306746.0	(47) 26.08.2020	(33) United States of America
(47) 26.08.2020	(87) US2018023180	(51) H04W 36/00
(22) 30.10.2014	20.09.2018	H04W 36/32
(54) Methods for setting up multiple radio	(22) 19.03.2018	(11) EP3110203
links in a radio communication system,	(54) METHODS AND APPARATUSES FOR	(21) EP16175670.5
network-based sub-system, mobile	HANDLING RADIO ACCESS NETWORK	(47) 26.08.2020
station and computer program thereof	NOTIFICATION AREA UPDATE PAGING	(22) 22.06.2016
(73) Alcatel Lucent	(73) Ofinno, LLC	(54) MEASURING POWER IN A
(72) Braun, Volker	(72) PARK, Kyungmin	COMMUNICATION DEVICE TAKING
Doetsch, Uwe	DINAN, Esmael	ACOUNT OF DOPPLER EFFECT
Halbauer, Hardy	(31) 201762473010 P	(73) THALES
(51) H04W 24/02	(32) 17.03.2017	(72) PANAITOPOL, Dorin
(11) EP3381216	(33) United States of America	ICART, Isabelle
(21) EP16801224.3	(51) H04W 28/06	(31) 1501298
(47) 26.08.2020	H04L 12/801	(32) 23.06.2015
(87) EP2016078701	(11) EP3493586	(33) France
01.06.2017	(21) EP17909724.1	(51) H04W 36/00
(22) 24.11.2016	(47) 26.08.2020	H04W 52/02
(54) CONTROLLING UPLINK TRAFFIC	(87) CN2017085079	H04W 76/19
RECEIVED BY MULTIPLE BASE	22.11.2018	H04W 76/27
STATIONS	(22) 19.05.2017	(11) EP3389331
(73) IPCom GmbH & Co. KG	(54) METHOD AND DEVICE FOR DATA	(21) EP16880337.7
(72) HANS, Martin	RECEPTION AND PROCESSING OF	(47) 26.08.2020
BIENAS, Maik	RADIO LINK CONTROL LAYER	(87) CN2016078165
SCHMIDT, Andreas	(73) GUANGDONG OPPO MOBILE	06.07.2017
LUFT, Achim	TELECOMMUNICATIONS CORP., LTD.	(22) 31.03.2016
(31) 15195991	(72) TANG, Hai	(54) MOBILITY MANAGEMENT METHODS,
(32) 24.11.2015	(51) H04W 28/24	APPARATUS, AND COMPUTER-
(33) European Patent Office (EPO)	H04W 28/26	READABLE STORAGE MEDIUM
(51) H04W 24/02	(11) EP3439359	(73) Huawei Technologies Co., Ltd.
H04W 24/08	(21) EP17785265.4	(72) LI, Bingzhao
H04W 24/10	(47) 26.08.2020	QUAN, Wei
H04W 76/19	(87) CN2017075780	ZHANG, Jian
(11) EP3266272	26.10.2017	LIU, Weihua
(21) EP15884101.5	(22) 06.03.2017	(31) PCT/CN2015/100336
(47) 26.08.2020	(54) METHOD OF GENERATING RADIO	(32) 31.12.2015
(87) SE2015050234	ACCESS NETWORK SLICE, RADIO	(33) World Intellectual Property Office (WIPO)
09.09.2016	ACCESS NETWORK, AND SLICE	(51) H04W 36/00
(22) 02.03.2015	MANAGER	H04W 72/04
(54) METHODS AND ARRANGEMENTS	(73) Huawei Technologies Co., Ltd.	H04W 88/06
FOR MANAGING RADIO LINK	(72) JIN, Yinghao	(11) EP3373645
FAILURES IN A WIRELESS	LI, Hong	(21) EP16869942.9
COMMUNICATION NETWORK	(31) 201610257629	(47) 26.08.2020
(73) Telefonaktiebolaget LM Ericsson (publ)	(32) 23.04.2016	(87) CN2016107430

08.06.2017	(51) H04W 36/14	(21) EP13881641.8
(22) 28.11.2016	(11) EP3235292	(47) 26.08.2020
(54) RADIO COMMUNICATION METHOD AND APPARATUS	(21) EP15869095.8	(87) CN2013074140
(73) Huawei Technologies Co., Ltd.	(47) 26.08.2020	16.10.2014
(72) LIN, Bo	(87) CN2015090906	(22) 12.04.2013
WANG, Hong	23.06.2016	(54) PDCP OPERATION FOR DUAL CONNECTION
(31) 201510849432	(22) 28.09.2015	(73) Nokia Solutions and Networks Oy
(32) 30.11.2015	(54) HANDOVER USING DUAL ACTIVE CONNECTIONS	(72) WU, Chunli
(33) China	(73) Qualcomm Incorporated	SEBIRE, Benoist Pierre
(51) H04W 36/06	(72) HORN, Gavin Bernard	(51) H04W 36/30
H04W 36/18	ZHU, Xipeng	H04W 88/08
(11) EP2605592	(31) PCT/CN2014/094029	(11) EP3410769
(21) EP13001396.4	(32) 17.12.2014	(21) EP16894242.3
(47) 26.08.2020	(33) World Intellectual Property Office (WIPO)	(47) 26.08.2020
(22) 15.10.2004	(51) H04W 36/14	(87) CN2016113341
(54) BASE STATION AND METHOD FOR SUPPORTING BREAK BEFORE MAKE HANDOFFS IN A MULTI-CARRIER SYSTEM	H04W 36/30	21.09.2017
(73) Qualcomm Incorporated	H04W 88/06	(22) 30.12.2016
(72) Laroia, Rajiv	(11) EP3127370	(54) METHOD AND DEVICE FOR SWITCHING BETWEEN SUPER CELLS
Li, Junyi	(21) EP14888499.2	(73) Huawei Technologies Co., Ltd.
Lane, Frank, A.	(47) 26.08.2020	(72) XIE, Yong
(31) 527475 P	(87) US2014032366	LIU, Yalin
964945	08.10.2015	LI, Sainan
(32) 05.12.2003	(22) 31.03.2014	(31) 201610156672
14.10.2004	(54) METHODS AND APPARATUS FOR VERTICAL HANDOVER	(32) 18.03.2016
(33) United States of America	(73) Intel Corporation	(33) China
United States of America	(72) MENG, Peng	(51) H04W 40/36
(51) H04W 36/08	ZHU, Jing	(11) EP3420756
H04W 36/16	(51) H04W 36/14	(21) EP16707069.7
H04W 36/22	H04W 36/30	(47) 26.08.2020
H04W 36/30	H04W 88/06	(87) EP2016053923
H04W 48/02	(11) EP2989827	31.08.2017
(11) EP3277018	(21) EP14788674.1	(22) 25.02.2016
(21) EP15888150.8	(47) 26.08.2020	(54) ENABLING ROAMING TO A VISITING COMMUNICATION NETWORK OF A WIRELESS TERMINAL BELONGING TO A HOME COMMUNICATION NETWORK
(47) 26.08.2020	(87) US2014035409	(73) Telefonaktiebolaget LM Ericsson (PUBL)
(87) CN2015076149	30.10.2014	(72) ERIKSSON, Hans
13.10.2016	(22) 25.04.2014	WESTBERG, Lars
(22) 09.04.2015	(54) USER EQUIPMENT AND METHOD FOR FEEDBACK OF USER EQUIPMENT PERFORMANCE METRICS DURING DYNAMIC RADIO SWITCHING	(51) H04W 48/10
(54) ADMISSION CONTROL METHOD AND NETWORK EQUIPMENT	(73) Intel IP Corporation	H04W 48/12
(73) Huawei Technologies Co. Ltd.	(72) YEH, Shu-Ping	H04W 52/02
(72) SUN, Shaofeng	HIMAYAT, Nageen	H04W 68/00
YAO, Yao	SIROTKIN, Sasha	H04W 4/00
LIU, Lin	TALWAR, Shilpa	H04W 4/50
(51) H04W 36/12	(31) 201361816662 P	H04W 4/70
H04W 60/00	201314107400	(11) EP3068178
H04W 88/16	(32) 26.04.2013	(21) EP13897013.2
(11) EP3446511	16.12.2013	(47) 26.08.2020
(21) EP17712166.2	(33) United States of America	(87) CN2013086743
(47) 26.08.2020	United States of America	14.05.2015
(87) EP2017057044	(51) H04W 36/18	(22) 08.11.2013
26.10.2017	H04W 80/04	(54) SYSTEM INFORMATION ACQUISITION METHOD, DEVICE AND SYSTEM
(22) 24.03.2017	H04W 84/12	(73) Fujitsu Connected Technologies Limited
(54) METHOD FOR AN ENHANCED GATEWAY SELECTION IN A MOBILE COMMUNICATION NETWORK, MOBILITY MANAGEMENT ENTITY, MOBILE COMMUNICATION NETWORK, PROGRAM AND COMPUTER PROGRAM PRODUCT	H04W 88/06	(72) QIU, Tao
(73) Deutsche Telekom AG	(11) EP2112849	XU, Haibo
(72) NEGM, Mohamed	(21) EP08151185.9	(51) H04W 48/12
(31) 16165964	(47) 26.08.2020	H04W 48/14
(32) 19.04.2016	(22) 07.02.2008	H04W 74/08
(33) European Patent Office (EPO)	(54) Method for automatic seamless mobility	(11) EP3474624
	(73) BlackBerry Limited	(21) EP18211273.0
	(72) Gisby, Doug	(47) 26.08.2020
	Gray, Michael	(22) 09.02.2018
	(51) H04W 36/28	(54) METHOD AND APPARATUS FOR RANDOM ACCESS PROCEDURE FOR
	H04W 76/19	
	(11) EP2984871	



SYSTEM INFORMATION REQUEST IN A WIRELESS COMMUNICATION SYSTEM	(21) EP17759238.3 (47) 26.08.2020 (87) CN2017075323 08.09.2017	(11) EP3273736 (21) EP16305929.8 (47) 26.08.2020 (22) 19.07.2016
(73) ASUSTek Computer Inc. (72) OU, Meng-Hui GUO, Yu-Hsuan	(22) 01.03.2017 (54) COMMUNICATION METHOD, TERMINAL DEVICE AND NETWORK SIDE DEVICE	(54) METHOD AND APPARATUS FOR POWER AND USER DISTRIBUTION TO SUB-BANDS IN NOMA SYSTEMS
(31) 201762473684 P (32) 20.03.2017	(73) Huawei Technologies Co., Ltd. (72) ZENG, Qinghai HUANG, Yada ZHANG, Jian HAN, Lifeng	(73) INSTITUT MINES TELECOM / TELECOM BRETAGNE Universite Libanaise Universite Saint-Esprit de Kaslik
(33) United States of America	(31) 201610120649 (32) 03.03.2016 (33) China	(72) HOJEIJ, Marie-Rita FARAH, Joumana ABDEL NOUR, Charbel DOUILLARD, Catherine
(51) H04W 48/12 H04W 48/16	(51) H04W 48/20 H04W 74/00 H04B 7/04	(51) H04W 52/24 H04W 52/28 H04W 52/34 H04W 52/36 H04W 52/40 H04W 72/04 H04W 72/08 H04W 72/10 H04B 7/024
(11) EP3412067 (21) EP16888703.2 (47) 26.08.2020 (87) CN2016073324 10.08.2017	(11) EP3427519 (21) EP17778623.3 (47) 26.08.2020 (87) CN2017079084 12.10.2017	(11) EP3131349 (21) EP14889477.7 (47) 26.08.2020 (87) CN2014075723 22.10.2015 (22) 18.04.2014
(22) 03.02.2016	(54) SYSTEM AND METHOD FOR MILLIMETER WAVE COMMUNICATIONS	(54) POWER CONFIGURATION METHOD, USER EQUIPMENT AND BASE STATION
(54) ACCESS INFORMATION TABLES OF REGIONS FOR ACCESS TO CELLULAR NETWORKS	(73) Huawei Technologies Co., Ltd. (72) STIRLING-GALLACHER, Richard TENNY, Nathan Edward LIU, Bin ZHANG, Lili	(73) Huawei Technologies Co., Ltd. (72) SHAO, Jiafeng QU, Bingyu LI, Qiang
(73) Telefonaktiebolaget LM Ericsson (PUBL) (72) WANG, Jianfeng LI, Gen LU, Qianxi ZHENG, Yanli	(31) 201615092388 (32) 06.04.2016 (33) United States of America	(51) H04W 56/00 (11) EP3461189 (21) EP17812398.0 (47) 26.08.2020 (87) CN2017073643 21.12.2017 (22) 15.02.2017
(51) H04W 48/12 H04W 52/02	(51) H04W 52/02 (11) EP2642802 (21) EP12161084.4 (47) 26.08.2020 (22) 23.03.2012	(54) METHOD, BASE STATION AND SYSTEM FOR FREQUENCY SYNCHRONIZATION
(11) EP3372012 (21) EP15791283.3 (47) 26.08.2020 (87) EP2015075597 11.05.2017	(54) Methods and apparatus for controlling power consumption in a electronic device with a communication subsystem	(73) Huawei Technologies Co., Ltd. (72) HU, Jun CAO, Haibing LUO, Yajun
(22) 03.11.2015	(73) BlackBerry Limited (72) Gosal, Manpreet Kaur Lahti, Nils Patrik	(31) PCT/CN2016/086272 (32) 17.06.2016 (33) World Intellectual Property Office (WIPO)
(54) METHODS, NETWORK NODE AND WIRELESS DEVICE FOR HANDLING SYSTEM INFORMATION	(51) H04W 52/06 H04W 52/14 H04W 52/40	(51) H04W 56/00 H04W 4/02 (11) EP3335481 (21) EP16748381.7 (47) 26.08.2020 (87) US2016041593 16.02.2017 (22) 08.07.2016
(73) Telefonaktiebolaget LM Ericsson (publ) (72) DA SILVA, Icaro L. J. RUNE, Johan PRADAS, Jose Luis MILDH, Gunnar	(11) EP3190839 (21) EP14902786.4 (47) 26.08.2020 (87) CN2014087700 31.03.2016	(54) PARTIAL TIMING SYNCHRONIZATION FUNCTION (TSF) SYNCHRONIZATION IN FINE TIMING MEASUREMENT (FTM) PROTOCOL
(51) H04W 48/16	(22) 28.09.2014 (54) UPLINK POWER CONTROL METHOD AND DEVICE	(73) Qualcomm Incorporated (72) MARRI SRIDHAR, Subash
(11) EP3103284 (21) EP15712705.1 (47) 26.08.2020 (87) US2015013975 13.08.2015	(73) Huawei Technologies Co., Ltd. (72) LIU, Jianqin	
(22) 30.01.2015	(51) H04W 52/22 H04W 52/24 H04W 52/26 H04W 52/34 H04W 52/36 H04W 72/04 H04W 72/08 H04W 72/12	
(54) TECHNIQUES FOR READING SYSTEM INFORMATION IN WIRELESS COMMUNICATIONS		
(73) Qualcomm Incorporated (72) SHI, Yongsheng SHEIK, Ansah Ahmed CHAKRAVARTHY, Chetan HSU, Liangchi KUMAR, Arvindhan		
(31) 201461935664 P 201461936301 P 201414475177		
(32) 04.02.2014 05.02.2014 02.09.2014		
(33) United States of America United States of America United States of America		
(51) H04W 48/18 (11) EP3416429		

ALDANA, Carlos Horacio	21.09.2017	(73) Huawei Technologies Co., Ltd.
VAMARAJU, Santosh Kumar	(22) 18.03.2016	(72) XIAO, Xiao
(31) 201562203306 P	(54) WIRELESS COMMUNICATION	CAO, Zhenzhen
201615065696	DEVICES AND BASE STATION FOR	HUA, Yao
(32) 10.08.2015	WIRELESS COMMUNICATION IN A	HAN, Guanglin
09.03.2016	WIRELESS COMMUNICATION SYSTEM	(51) H04W 74/02
(33) United States of America	(73) Huawei Technologies Co., Ltd.	H04W 84/12
United States of America	Fraunhofer Gesellschaft zur Förderung	(11) EP3422792
(51) H04W 64/00	der angewandten Forschung E.V.	(21) EP16891664.1
H04W 72/04	(72) ZHOU, Chan	(47) 26.08.2020
H04W 4/02	CHANG, Yunyan	(87) JP2016088021
(11) EP3413596	JUNG, Peter	31.08.2017
(21) EP18169051.2	STANCZAK, Slawomir	(22) 21.12.2016
(47) 26.08.2020	(51) H04W 72/08	(54) INFORMATION PROCESSING
(22) 24.04.2018	(11) EP2689626	DEVICE, COMMUNICATION SYSTEM,
(54) REAL-TIME LOCATION SYSTEM	(21) EP11861855.2	INFORMATION PROCESSING
NETWORK POLICY CONFIGURATION	(47) 26.08.2020	METHOD, AND PROGRAM
CONTROL OF FIXED AND MOBILE	(87) CA2011050154	(73) Sony Corporation
ELEMENTS	27.09.2012	(72) MORIOKA, Yuichi
(73) The Boeing Company	(22) 24.03.2011	SUGAYA, Shigeru
(72) McINNIS, Michael D.	(54) DEVICE-EMPOWERED RADIO	(31) 2016034687
SHAH, Payal	RESOURCE ASSIGNMENT	(32) 25.02.2016
SINGH, Navpreet	(73) BlackBerry Limited	(33) Japan
(31) 201715619042	(72) NOVAK, Robert	(51) H04W 74/04
(32) 09.06.2017	GAGE, William	H04W 84/12
(33) United States of America	(51) H04W 72/08	(11) EP3399827
(51) H04W 72/00	(11) EP2984891	(21) EP17782121.2
H04W 72/04	(21) EP14727087.0	(47) 26.08.2020
H04W 4/00	(47) 26.08.2020	(87) JP2017006500
(11) EP3461204	(87) JP2014060447	19.10.2017
(21) EP18199871.7	16.10.2014	(22) 22.02.2017
(47) 26.08.2020	(22) 04.04.2014	(54) COMMUNICATION APPARATUS,
(22) 12.06.2012	(54) COMMUNICATIONS SYSTEM	COMMUNICATION METHOD, AND
(54) TELECOMMUNICATIONS METHOD	(73) NEC Corporation	PROGRAM
AND SYSTEM	(72) SHARMA, Vivek	(73) Sony Corporation
(73) SCA IPLA Holdings Inc.	(31) 201306438	(72) SUGAYA, Shigeru
(72) DARWOOD, Peter	(32) 09.04.2013	(31) 2016080027
MCNAMARA, Darren	(33) United Kingdom	(32) 13.04.2016
(31) 201109987	(51) H04W 72/08	(33) Japan
(32) 14.06.2011	H04W 76/14	(51) H04W 74/08
(33) United Kingdom	(11) EP2848067	(11) EP3531783
(51) H04W 72/04	(21) EP13731892.9	(21) EP16921153.9
H04W 4/70	(47) 26.08.2020	(47) 26.08.2020
(11) EP3326417	(87) IB2013053631	(87) CN2016113562
(21) EP16745366.1	14.11.2013	17.05.2018
(47) 26.08.2020	(22) 06.05.2013	(22) 30.12.2016
(87) US2016043461	(54) DYNAMIC BAND SELECTION FOR	(54) SUBFRAME SCHEDULING METHOD,
26.01.2017	INTERFERENCE MINIMIZATION	AND BASE STATION
(22) 22.07.2016	IN DIRECT DEVICE TO DEVICE	(73) Huawei Technologies Co., Ltd.
(54) SEMI-PERSISTENT SCHEDULING	COMMUNICATIONS	(72) LI, Xiaocui
FOR ENHANCED MACHINE TYPE	(73) Telefonaktiebolaget LM Ericsson (publ)	XU, Kai
COMMUNICATIONS	(72) DIMOU, Konstantinos	(31) 201610980988
(73) Qualcomm Incorporated	FODOR, Gabor	(32) 08.11.2016
(72) VAJAPAYAM, Madhavan, Srinivasan	MACIEL, Tarcisio	(33) China
CHEN, Wanshi	CAVALCANTI, Francisco Rodrigo Porto	(51) H04W 74/08
XU, Hao	(31) 201213465303	(11) EP3198978
(31) 201562196223 P	(32) 07.05.2012	(21) EP15825631.3
201615215809	(33) United States of America	(47) 26.08.2020
(32) 23.07.2015	(51) H04W 72/12	(87) IB2015002435
21.07.2016	(11) EP3448110	31.03.2016
(33) United States of America	(21) EP16902031.0	(22) 04.09.2015
United States of America	(47) 26.08.2020	(54) METHOD AND APPARATUS FOR
(51) H04W 72/04	(87) CN2016082849	MITIGATING HIDDEN NODE
H04W 74/08	23.11.2017	INTERFERENCE
(11) EP3427529	(22) 20.05.2016	(73) Alcatel Lucent
(21) EP16711593.0	(54) METHOD, APPARATUS AND SYSTEM	(72) WONG, Shin Horng
(47) 26.08.2020	FOR TRIGGERING SCHEDULING	HU, Teck
(87) EP2016056052	REQUEST	HAN, Feng

(31) 201410493987	(11) EP2820803	OMORI, Yoshiharu
(32) 24.09.2014	(21) EP12705882.4	HAYAKAWA, Yuji
(33) China	(47) 26.08.2020	(31) 2014259168
(51) H04W 84/00	(87) EP2012053295	(32) 22.12.2014
B60W 30/095	06.09.2013	(33) Japan
G05D 1/02	(22) 28.02.2012	(51) H05B 33/08
(11) EP3436312	(54) DATA FORWARDING IN A	(11) EP2829159
(21) EP17776079.0	MOBILE COMMUNICATIONS	(21) EP13722822.7
(47) 26.08.2020	NETWORK SYSTEM WITH	(47) 26.08.2020
(87) US2017016157	CENTRALIZED GATEWAY APPARATUS	(87) IB2013051913
05.10.2017	CONTROLLING DISTRIBUTED	26.09.2013
(22) 02.02.2017	GATEWAY ELEMENTS	(22) 11.03.2013
(54) V2X OBJECT-LOCATION	(73) Nokia Solutions and Networks Oy	(54) APPARATUS, SYSTEMS AND
VERIFICATION SYSTEM FOR	(72) KORJA, Pekka Juhani	METHODS FOR A MULTICHANNEL
AUTOMATED VEHICLES	HEINONEN, Johanna	WHITE LIGHT ILLUMINATION SOURCE
(73) Aptiv Technologies Limited	HAHN, Wolfgang	(73) Signify Holding B.V.
(72) BHATIA, Gaurav	(51) H05B 3/20	(72) FIEBERG, Dirk
LEE, Jong Ho	(11) EP3076751	PISKUN, Nadezhda
KIM, Junsung	(21) EP14866535.9	PICCIRILLO, Robert
(31) 201615083538	(47) 26.08.2020	(31) 201261612562 P
(32) 29.03.2016	(87) KR2014011464	(32) 19.03.2012
(33) United States of America	04.06.2015	(33) United States of America
(51) H04W 84/00	(22) 27.11.2014	(51) H05B 45/20
H04W 88/16	(54) HEATING ELEMENT AND METHOD	(11) EP2897444
H04W 76/12	FOR MANUFACTURING SAME	(21) EP15151415.5
(11) EP3310117	(73) LG Chem, Ltd.	(47) 26.08.2020
(21) EP16193989.7	(72) SEONG, Jiehyun	(22) 16.01.2015
(47) 26.08.2020	CHOI, Hyeon	(54) Circuit for LED current supply
(22) 14.10.2016	KIM, Sarah	(73) SITECO GmbH
(54) METHOD FOR ESTABLISHING	LEE, Seung Heon	(72) Haselberger, Hans
A CONNECTION OF A MOBILE	(31) 20130147153	(31) 102014100523
TERMINAL TO A MOBILE RADIO	(32) 29.11.2013	102014109466
COMMUNICATION NETWORK	(33) Korea (Republic)	(32) 17.01.2014
AND RADIO ACCESS NETWORK	(51) H05B 3/50	07.07.2014
COMPONENT	(11) EP2608633	(33) Germany
(73) NTT DoCoMo, Inc.	(21) EP11010088.0	Germany
(72) THAKOLSRI, Srisakul	(47) 26.08.2020	(51) H05B 45/58
SAMA, Malla Reddy	(22) 22.12.2011	(11) EP3082383
ALI, Irfan	(54) Element which produces heat	(21) EP16165482.7
ZUGENMEIER, Alf	(73) Eberspächer catem GmbH & Co. KG	(47) 26.08.2020
MINOKUCHI, Atsushi	(72) Bohlender, Franz	(22) 15.04.2016
SHIMOJO, Takuya	Niederer, Michael	(54) METHOD AND APPARATUS FOR
(51) H04W 88/06	Morgen, Christian	DETERMINING LIFE EXPECTANCY
H04W 76/16	(51) H05B 6/12	INFORMATION FOR AN LED MODULE
H04W 76/19	(11) EP3544376	(73) SITECO GmbH
H04W 76/34	(21) EP18163809.9	(72) Wuppinger, Bernhard
(11) EP3033918	(47) 26.08.2020	Rhein, Markus
(21) EP14753384.8	(22) 23.03.2018	Pözl, Julia
(47) 26.08.2020	(54) CONNECTION INTERFACE FOR	(31) 102015105914
(87) US2014049128	INDUCTION COIL ARRAY	(32) 17.04.2015
19.02.2015	(73) Whirlpool Corporation	(33) Germany
(22) 31.07.2014	(72) Pastore, Cristiano Vito	(51) H05B 47/105
(54) TECHNIQUES FOR MANAGING RADIO	Parachini, Davide	H05B 47/16
LINK FAILURE RECOVERY FOR A	(51) H05B 6/70	(11) EP3457818
USER EQUIPMENT CONNECTED TO A	H05B 6/72	(21) EP17190782.7
WWAN AND A WLAN	H05B 6/74	(47) 26.08.2020
(73) Qualcomm Incorporated	(11) EP3240363	(22) 13.09.2017
(72) VAJPEYAM, Madhavan Srinivasan	(21) EP15872162.1	(54) METHOD AND ARRANGEMENT FOR
HORN, Gavin Bernard	(47) 26.08.2020	MAKING A BUILDING AUTOMATION
GUPTA, Ajay	(87) JP2015006017	SYSTEM REACT TO SENSOR
(31) 201361866862 P	30.06.2016	SIGNALS
201414447331	(22) 04.12.2015	(73) Helvar Oy Ab
(32) 16.08.2013	(54) MICROWAVE HEATING DEVICE	(72) Juslén, Henri
30.07.2014	(73) Panasonic Intellectual Property	(51) H05B 47/105
(33) United States of America	Management Co., Ltd.	H05B 47/17
United States of America	(72) YOSHINO, Koji	H05B 47/185
(51) H04W 88/16	SADAHIRA, Masafumi	(11) EP2477462
H04L 12/717	KUBO, Masayuki	

(21) EP12000157.3	Töpert, Gerhard
(47) 26.08.2020	(31) 102013208273
(22) 12.01.2012	(32) 06.05.2013
(54) Central supply system and method for simultaneously dimming a number of lights	(33) Germany
(73) Eaton Intelligent Power Limited	(51) H05K 7/14
(72) Prasuhn, Jürgen	H05K 7/20
(31) 102011008572	(11) EP2484187
(32) 14.01.2011	(21) EP10819607.2
(33) Germany	(47) 26.08.2020
(51) H05B 47/19	(87) US2010050408
(11) EP3607806	31.03.2011
(21) EP18713982.9	(22) 27.09.2010
(47) 26.08.2020	(54) MODULAR SYSTEM FOR DATA CENTER
(87) EP2018058537	(73) Amazon Technologies, Inc.
11.10.2018	(72) CZAMARA, Michael, P.
(22) 04.04.2018	MORALES, Osvaldo, P.
(54) CONTROLLER AND METHOD FOR A LIGHTING SYSTEM	(31) 568323
(73) Signify Holding B.V.	(32) 28.09.2009
(72) MAGIELSE, Remco	(33) United States of America
(31) 17165259	(51) H05K 7/20
(32) 06.04.2017	(11) EP3541156
(33) European Patent Office (EPO)	(21) EP18183720.4
(51) H05H 1/28	(47) 26.08.2020
H05H 1/34	(22) 16.07.2018
(11) EP3305037	(54) AIR JET EMBEDDED CHASSIS
(21) EP16731731.2	(73) Quanta Computer Inc.
(47) 26.08.2020	(72) CHEN, Chao-Jung
(87) US2016036463	HUANG, Yu-Nien
15.12.2016	CHEN, Ching-Yu
(22) 08.06.2016	(31) 201815922625
(54) COOLING PLASMA TORCH NOZZLES AND RELATED SYSTEMS	(32) 15.03.2018
(73) Hypertherm, Inc.	(33) United States of America
(72) CURRIER, Brian J.	(51) H05K 13/04
PETERS, John	(11) EP3307043
DUNBAR, Steve	(21) EP15893316.8
(31) 201562172589 P	(47) 26.08.2020
(32) 08.06.2015	(87) JP2015065210
(33) United States of America	01.12.2016
(51) H05K 3/28	(22) 27.05.2015
B29C 64/106	(54) DEPOSIT REMOVAL METHOD AND DEPOSIT REMOVAL DEVICE
(11) EP3041326	(73) FUJI Corporation
(21) EP15003443.7	(72) HOSHIKAWA, Kazumi
(47) 26.08.2020	(51) H05K 13/04
(22) 03.12.2015	H05K 13/08
(54) METHOD FOR PRODUCING A HIGH VOLTAGE INSULATION OF ELECTRIC COMPONENTS	(11) EP3174377
(73) Tesat Spacecom GmbH & Co. KG	(21) EP14898164.0
(72) Katz, Hanspeter	(47) 26.08.2020
Blass, Andreas	(87) JP2014069660
(31) 102014018277	28.01.2016
(32) 12.12.2014	(22) 25.07.2014
(33) Germany	(54) INSPECTION METHOD
(51) H05K 7/14	(73) FUJI Corporation
(11) EP2802195	(72) HOSAKA, Hideki
(21) EP14163074.9	(51) H05K 13/04
(47) 26.08.2020	H05K 13/08
(22) 01.04.2014	(11) EP3328180
(54) Electronics housing for switching devices with integrated terminal contacts	(21) EP15898940.0
(73) Siemens Aktiengesellschaft	(47) 26.08.2020
(72) Geitner, Manuel	(87) JP2015070929
Holmer, Wolfgang	26.01.2017
Richter, Bernhard	(22) 23.07.2015
	(54) COMPONENT-MOUNTING MACHINE
	(73) FUJI Corporation
	(72) YAMAKAGE, Yusuke
	FUKAYA, Yoshiyuki

## 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) A01D 57/00	(51) A01G 23/06	A01N 43/38
B65G 65/06	(11) EP2205060	A01N 47/28
(11) EP3331342	(21) EP08827184.6	A01N 59/08
(21) EP16763952.5	(22) 04.11.2008	A01N 59/16
(22) 03.08.2016	(54) STUMP CUTTER	A01P 13/02
(54) AGRICULTURAL MACHINE FOR	(73) Vermeer Manufacturing Company	(11) EP3193596
HARVESTING A CROP, COMPRISING	(72) KAPPEL, Gary, Wayne	(21) EP15842994.4
A HARVESTING HEAD AND A CROP	PFOLTNER, Christopher, Allen	(22) 15.09.2015
TRANSPORTATION SYSTEM FOR SAID	BARTELS, Brent, Allen	(54) USE OF 4-CHLOROINDOLE-3-ACETIC
HARVESTING HEAD	RIECKHOFF, Mark A.	ACID FOR CONTROLLING UNWANTED
(73) Capello S.r.l.	(74) J.M.H. Duyver lic.	PLANTS
(72) BONGIOVANNI, Livio	(31) 2092 P	(73) Premier Tech Technologies Ltée
ARMANDO, Lodovico	(32) 06.11.2007	(72) TALBOT, Pierre
(74) ir. C.G.C. Veldman-Dijkers	(33) United States of America	BELANGER, Alain
(31) UB20152931	(47) 22.07.2020	KANELLOS, George
(32) 06.08.2015	(51) A01G 24/18	PURCELL, Shaun
(33) Italy	(11) EP2793556	LEFEBVRE, Paul
(47) 08.07.2020	(21) EP12813372.5	ROY, Genevieve
(51) A01F 15/07	(22) 21.12.2012	LE QUERE, Dominique
A01F 15/10	(54) PLANT GROWTH SUBSTRATE	(74) dr. W.A.H.M. Van Borm
(11) EP3005854	(73) Rockwool International A/S	(31) 2863477
(21) EP14187804.1	(72) JANSSEN, Frank, Hendrikus, Peter	(32) 16.09.2014
(22) 06.10.2014	DE KUBBER, Daan, Louis	(33) Canada
(54) A round baler for forming a bale from a	(31) 11195447	(47) 20.05.2020
crop product and a method	(32) 22.12.2011	(51) A01N 25/28
(73) Kverneland Group Ravenna S.r.l.	(33) European Patent Office (EPO)	A61K 31/14
(72) Varley, Seamus	(47) 03.06.2020	C08K 5/17
(47) 08.05.2019	(51) A01G 31/02	C09D 5/16
(51) A01G 9/029	A01G 31/06	(11) EP3167714
(11) EP2324696	A01G 31/00	(21) EP16199117.9
(21) EP10386017.7	(11) EP3261431	(22) 28.09.2012
(22) 26.10.2010	(21) EP15866386.4	(54) HIGH QUALITY ANTIMICROBIAL PAINT
(54) Plastic double tray system for mechanical	(22) 24.04.2015	COMPOSITION
seed sowing or seedling transplantation	(54) SOILLESS PLANT CULTIVATING	(73) SWIMC LLC
(73) D.T.System International LTD	CONTAINER	(72) Gisser, Kathleen R.
(72) Tsonakis, Iakovos	(73) E-Smarts Global Licensing Ltd	Sibbald, Morgan S.
Korkodilos, Aggelos	(72) VAN DER MERWE, Pieter Gideo	Smith, Wanda J.
(74) ir. J.C. Volmer c.s.	(31) 201501201	Dreshar, Janice K.
(31) 20090100591	(32) 23.02.2015	Prochazka, Donald A.
(32) 26.10.2009	(33) South Africa	(74) ir. M.F.J.M. Ketelaars c.s.
(33) Greece	(47) 08.07.2020	(31) 201161541168 P
(47) 27.05.2020	(51) A01J 5/08	(32) 30.09.2011
(51) A01G 9/12	(11) EP3389366	(33) United States of America
F16B 2/22	(21) EP16815692.5	(47) 24.06.2020
(11) EP3469886	(22) 12.12.2016	(51) A01N 59/20
(21) EP18196943.7	(54) TEATCUP LINER WITH A SECURE	A61K 9/00
(22) 26.09.2018	COLLAPSE	A61K 9/02
(54) DEVICE FOR HOLDING A PLANT	(73) DeLaval Holding AB	A61K 9/06
ALONG A SUSPENDED WIRE	(72) ÄLVEBY, Nils	A61K 33/34
(73) Gautherot, Basile	(74) dr. W.A.H.M. Van Borm	A61L 15/44
Gautherot, Philippe	(31) 1551637	A61L 17/00
(72) Gautherot, Basile	201514967407	A61L 26/00
Gautherot, Philippe	(32) 14.12.2015	(11) EP3003046
(74) ir. A. Blokland c.s.	14.12.2015	(21) EP14768896.4
(31) 1759622	(33) Sweden	(22) 12.03.2014
(32) 13.10.2017	United States of America	(54) TOPICAL COPPER ION TREATMENTS
(33) France	(47) 08.07.2020	IN THE DERMATOLOGICAL AREAS OF
(47) 13.05.2020	(51) A01N 25/00	THE BODY
	A01N 37/00	(73) CDA Research Group, Inc.

(72) ABBOTT, Chun, Lim	11002345	A61P 1/14
ABBOTT, Dominic, C.	11003605	A61P 3/00
(74) dr. A. Krebs	11010186	A61P 3/02
(31) 201313842387	(32) 10.02.2011	A61P 3/04
(32) 15.03.2013	22.03.2011	A61P 3/08
(33) United States of America	03.05.2011	A61P 7/00
(47) 29.07.2020	23.12.2011	A61P 21/06
(51) A21C 5/00	(33) European Patent Office (EPO)	(11) EP2822568
A21C 9/08	European Patent Office (EPO)	(21) EP13757439.8
(11) EP3539385	European Patent Office (EPO)	(22) 11.03.2013
(21) EP19172890.6	European Patent Office (EPO)	(54) USES OF CASEIN COMPOSITIONS
(22) 23.01.2017	(47) 27.05.2020	(73) Fonterra Co-Operative Group Limited
(54) A SYSTEM AND A METHOD	(51) A22C 7/00	(72) FANNING, Aaron Calvin
FOR WEIGHING AND CUTTING	B65B 25/08	PATEL, Hasmukh Ambalal
CONTINUOUS FOOD DOUGH	A23P 30/10	SCHALK, Johannes
(73) RHEON AUTOMATIC MACHINERY CO.,	(11) EP2454943	HALL, Ramon Stafford
LTD.	(21) EP10014873.3	SCHWARZENBACH, Roger Richard
(72) Ueno, Hiroshi	(22) 23.11.2010	UKRAINTSEV, Sergey Yevgenievich
(74) J.M.H. Duyver lic.	(54) Apparatus and method for the production	(74) dr. W.A.H.M. Van Borm
(31) 2016013835	of a product with an interleaver	(31) 201261608858 P
(32) 27.01.2016	(73) GEA Food Solutions Bakel B.V.	(32) 09.03.2012
(33) Japan	(72) Van Gerwen, Hendrikus Petrus Gerardus	(33) United States of America
(47) 15.07.2020	(74) ir. W.J.J.M. Kempes	(47) 17.06.2020
(51) A22C 7/00	(47) 27.05.2020	(51) A23D 9/007
A22C 17/00	(51) A23B 7/10	A23D 9/013
B02C 18/36	A23B 7/155	A23L 33/115
(11) EP2755491	A23L 2/38	(11) EP2211629
(21) EP12832307.8	A23L 2/42	(21) EP08839768.2
(22) 12.09.2012	A23L 19/00	(22) 20.10.2008
(54) VENTURI EFFECT TECHNOLOGY	(11) EP2648530	(54) METHODS OF MAINTAINING
ON A FOOD PRODUCT MOLDING	(21) EP11802325.8	OR INCREASING GROWTH OR
MACHINE	(22) 07.12.2011	COGNITIVE DEVELOPMENT
(73) Wolff, James B.	(54) FRUIT FERMENTS CONTAINING	(73) Fonterra Co-Operative Group Limited
(72) Wolff, James B.	PROPIONATE AND USE THEREOF	(72) HODGKINSON, Steven Charles
(74) ir. W.J.J.M. Kempes	(73) Purac Biochem B.V.	MCJARROW, Christopher Paul
(31) 201113199910	(72) SLIEKERS, Arne Olav	MITCHELL, Murray D.
201113374422	HEINTZ, Eelco Anthonius Johannes	ROWAN, Angela Marie
201113374421	(74) ir. A.R. Aalbers	TODD, Joanne Margaret
201113374423	(31) 10194044	VICKERS, Mark Hedley
201113374417	(32) 07.12.2010	(74) dr. W.A.H.M. Van Borm
201113374441	(33) European Patent Office (EPO)	(31) 56270607
(32) 12.09.2011	(47) 27.05.2020	56270807
27.12.2011	(51) A23C 9/00	(32) 19.10.2007
27.12.2011	A23C 9/142	19.10.2007
27.12.2011	(11) EP2613640	(33) New Zealand
28.12.2011	(21) EP11758312.0	New Zealand
29.12.2011	(22) 08.09.2011	(47) 08.07.2020
(33) United States of America	(54) HIGH SOLIDS CONCENTRATED DAIRY	(51) A23K 20/00
United States of America	LIQUIDS	A23K 20/158
United States of America	(73) Koninklijke Douwe Egberts B.V.	A23K 50/40
United States of America	(72) CRIEZIS, Anthony William	(11) EP2750518
United States of America	CAMPBELL, Bruce E.	(21) EP12759310.1
United States of America	DIERBACH, Lisa Ann	(22) 30.08.2012
(47) 13.05.2020	MENDOZA, J. Nicholas	(54) COMPOSITIONS AND METHODS
(51) A22C 7/00	PORBANDARWALA, Sarita V.	FOR PROVIDING A LIFE-STAGE
B29C 33/00	SCHMIDT, Gavin M.	APPROPRIATE ANIMAL DIET
(11) EP3395176	WISEMAN, Gregory Aaron	(73) IAMS Europe B.V.
(21) EP18161996.6	(74) ir. H.A. Witmans c.s.	(72) FOY, Julie, Marie
(22) 10.02.2012	(31) 380942 P	GREY, Rebecca, Massie
(54) FOOD FORMING DRUM	(32) 08.09.2010	REED, Thomas, Wendell
(73) GEA Food Solutions Bakel B.V.	(33) United States of America	MYRIE, Leslie, Rolce
(72) RIGHOLT, Hendrik Jan	(47) 05.08.2020	ROMANACH, Benito, Alberto
VAN GERWEN, Hendrikus Petrus	(51) A23C 9/142	BOEBEL, Katherine, P.
Gerardus	A23C 9/146	CARNAGEY, Kristen, M.
BOOGERS, George Lambertus	A23J 1/20	WESTENDORF, Roxanne, Drago
Josephus Maria	A61K 35/20	(74) ir. A. Blokland c.s.
(74) ir. W.J.J.M. Kempes	A61K 38/17	(31) 201113223943
(31) 11001069	A61P 1/00	(32) 01.09.2011

(33) United States of America (47) 20.05.2020	(47) 10.06.2020	(33) United States of America (47) 03.06.2020
(51) A23L 2/60 A23L 27/30	(51) A24C 5/14 A24C 5/32 A24C 5/34 A24D 3/02 G05B 13/02	(51) A42B 3/30 H04R 1/10 H04R 5/033
(11) EP3427600 (21) EP18186553.6 (22) 14.03.2014	(11) EP2684472 (21) EP13175936.7 (22) 10.07.2013	(11) EP3344084 (21) EP16762842.9 (22) 31.08.2016
(54) IMPROVED SWEETENER (73) Tate & Lyle Ingredients Americas LLC Tate & Lyle Technology Limited	(54) METHOD FOR CONTROLLING A MACHINE COMBINATION AND/OR A MACHINE FOR PROCESSING ROD-SHAPED ARTICLES FROM THE TOBACCO PROCESSING INDUSTRY AND A MACHINE APPARATUS THEREFOR	(54) HELMET FOR COMMUNICATIONS (73) BAE Systems PLC (72) AKHMAD, Mohammed-Asif GERARD, James, Edwin (74) ir. M.F.J.M. Ketelaars c.s.
(72) WOODYER, Ryan D. COHEN, Jason C. BRIDGES, John R HARRISON, Michael D. ZHOU, Yuqing	(73) Hauni Maschinenbau GmbH (72) Heikens, Ralf Eckroth, Andreas	(31) 201515485 15275195 (32) 01.09.2015 01.09.2015 (33) United Kingdom European Patent Office (EPO)
(74) ir. H.A. Witmans c.s. (31) 201361793707 P (32) 15.03.2013	(74) ir. F.A. Geurts c.s. (31) 102012106180 (32) 10.07.2012 (33) Germany (47) 10.06.2020	(47) 17.06.2020 (51) A43B 5/06 A43B 13/12 A43B 13/18 (11) EP3473123 (21) EP18210977.7 (22) 15.04.2016
(33) United States of America (47) 13.05.2020	(51) A24C 5/32 (11) EP3462926 (21) EP17727309.1 (22) 24.05.2017	(54) SOLE ASSEMBLY FOR AN ARTICLE OF FOOTWEAR (73) Wolverine Outdoors, Inc. (72) JESSIMAN, Alexander W. WHITE, J. Spencer PAULSON, Andrea A. MAHONEY, Christopher J. O'MALLEY, Patrick G.
(51) A23L 7/126 A23L 17/00	(51) A24C 5/32 (11) EP3462926 (21) EP17727309.1 (22) 24.05.2017	(74) ir. C.G.C. Veldman-Dijkers (31) 201514689300 (32) 17.04.2015 (33) United States of America (47) 15.07.2020
(11) EP3603413 (21) EP19386035.0 (22) 22.07.2019	(54) DRUM FOR A TOBACCO INDUSTRY PRODUCT MANUFACTURING APPARATUS	(51) A44B 11/10 A44B 11/25 B60R 22/02 B60R 22/10 B60R 22/18 B60R 22/19 B60R 22/20 B60R 22/26 (11) EP3486126 (21) EP18196275.4 (22) 24.09.2018
(54) BREADED NUGGET PRODUCT CONTAINING PEELED SHRIMP OR OTHER PEELED SHELL-BEARING CATCH PIECES AND PRODUCT PRODUCTION METHOD	(54) BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED	(54) WEBBING ADJUSTMENT DEVICE (73) Wang, Liang-Hsiung (72) Wang, Liang-Hsiung (74) ir. F.A. Geurts c.s.
(73) ATHANASIOS CHATZISOTIRIOU ABEE ALIEVMATON SA with distinguishing title AQUA TRADE SA	(73) British American Tobacco (Investments) Limited	(31) 106140151 (32) 20.11.2017 (33) Taiwan, Province of China (47) 24.06.2020
(72) Chatzisotiriou, Athanasios (74) J.M.H. Duyver lic.	(72) BRAY, Andrew WHIFFEN, Sam (74) dr. A. Krebs (31) 201609415 (32) 27.05.2016 (33) United Kingdom (47) 08.07.2020	(47) 15.07.2020
(31) 20180100352 (32) 30.07.2018 (33) Greece (47) 22.07.2020	(51) A24F 23/02 B65D 33/30 (11) EP3478099 (21) EP17737059.0 (22) 23.06.2017	(51) A44C 7/00 A44C 9/00 A44C 17/02 (11) EP3285609 (21) EP16727287.1 (22) 22.04.2016
(51) A23P 30/20 (11) EP3621463 (21) EP18833888.3 (22) 21.12.2018	(54) RESEALABLE TOBACCO POUCH (73) Philip Morris Products S.A. (72) BESSO, Clement VAN LANCKER, Pieter BRUGGEMAN, Bart VALCKE, Thomas (74) dr. W.A.H.M. Van Borm (31) 16177292 (32) 30.06.2016 (33) European Patent Office (EPO) (47) 22.07.2020	(54) ITEM OF JEWELRY (73) Gebrüder Schaffrath GmbH (72) LEUZ, Alexander (74) ir. H.J.G. Lips c.s.
(54) COOLING NOZZLE FOR EXTRUDERS (73) Deutsches Institut für Lebensmitteltechnik e.V.	(54) RESPIRATORY MASK ASSEMBLY (73) Fisher & Paykel Healthcare Limited (72) OLSEN, Gregory James ROSE, Hamish Joshua (74) ir. W.J.J.M. Kempes (31) 201462026452 P (32) 18.07.2014	
(72) ISAAK, Johann REIMER, Dimitri (74) ir. W.J.J.M. Kempes (31) 102017223829 (32) 27.12.2017 (33) Germany (47) 20.05.2020		
(51) A24B 5/00 A24C 5/42 B02C 18/00		
(11) EP2969225 (21) EP14764246.6 (22) 14.03.2014		
(54) ORGANIC MATERIAL GRINDER AND CIGARETTE FILLER (73) Koopeh Designs Inc. (72) RUZYCKY, Ewhan (74) ir. A. Blokland c.s. (31) 201313838063 (32) 15.03.2013 (33) United States of America		

(31) 102015005477	(47) 13.05.2020	(54) CARRIAGE FOR A SLIDING DOOR SYSTEM OF A SHOWER AND COMPOSITE COMPONENT
(32) 24.04.2015	(51) A47B 77/08	
(33) Germany	A47B 91/02	
(47) 27.05.2020	(11) EP3616563	(73) Gral Systeme GmbH
(51) A45C 1/02	(21) EP18192927.4	(72) VANHOOF, Bruno
A45C 3/04	(22) 06.09.2018	HODGES, Garry
A45C 3/08	(54) CUPBOARD	(74) ir. J.D. de Zeeuw
A45C 13/00	(73) Nobilia-Werke J. Stickling GmbH & Co. KG	(31) 102016117736
A45C 13/08	(72) HELDT, Bernd	(32) 20.09.2016
(11) EP2421401	SPECHT, Daniel	(33) Germany
(21) EP09843783.3	(74) ir. M.F.J.M. Ketelaars c.s.	(47) 13.05.2020
(22) 25.08.2009	(31) 102018121003	(51) A47K 3/40
(54) HANDBAGS WITH INTERCHANGEABLE COVERS AND METHODS FOR CUSTOMIZING HANDBAGS	(32) 28.08.2018	B29C 59/00
(73) Miche, LLC	(33) Germany	(11) EP3357384
(72) CHURCH, Corbin B. SEEGMILLER, Christian J. PLATT, Jennie	(47) 03.06.2020	(21) EP17203550.3
(31) 170883 P	(51) A47C 27/06	(22) 24.11.2017
(32) 20.04.2009	B68G 9/00	(54) A SHOWER FLOOR
(33) United States of America	(11) EP3426100	(73) Gerloff, Michael
(47) 06.05.2020	(21) EP17763764.2	(72) Gerloff, Michael
(51) A45F 3/24	(22) 02.03.2017	(74) ir. J.C. Volmer c.s.
(11) EP3478119	(54) POCKETED SPRING COMFORT LAYER	(31) 102017101971
(21) EP17740605.5	(73) L&P Property Management Company	(32) 01.02.2017
(22) 22.06.2017	(72) LONG, Austin G.	(33) Germany
(54) COLLAPSIBLE SUPPORTING FRAME FOR A HAMMOCK	(74) ir. A. Blokland c.s.	(47) 03.06.2020
(73) Kitzberger, Max	(31) 201615062318	(51) A61B 1/00
(72) Kitzberger, Max	(32) 07.03.2016	A61B 1/12
(74) ir. J.C. Volmer c.s.	(33) United States of America	A61B 17/00
(31) 505852016	(47) 24.06.2020	A61L 2/18
(32) 29.06.2016	(51) A47J 31/44	A61B 90/70
(33) Austria	(11) EP3361918	(11) EP3125741
(47) 03.06.2020	(21) EP16778346.3	(21) EP15712834.9
(51) A46B 5/02	(22) 06.10.2016	(22) 18.03.2015
A46B 15/00	(54) DEVICE AND METHOD FOR HEATING AND FOAMING A LIQUID, IN PARTICULAR A BEVERAGE	(54) CONNECTING DEVICE, CLEANING AND/OR DISINFECTING DEVICE, AND METHOD FOR THE OPERATION THEREOF
A46B 17/02	(73) Eversys Holding SA	(73) Olympus Winter & Ibe GmbH
(11) EP3337352	(72) LOCHER, Grégoire	(72) OTTENS, Benjamin
(21) EP16715039.0	BETRISSEY, Stéphane	(74) ir. F.A. Geurts c.s.
(22) 29.03.2016	(74) ir. M.F.J.M. Ketelaars c.s.	(31) 102014206020
(54) TOOTHBRUSH ORIENTATION SYSTEM	(31) 102015117650	(32) 31.03.2014
(73) Playbrush Limited	16156809	(33) Germany
(72) VARGA, Paul	(32) 16.10.2015	(47) 10.06.2020
ITTNER, Matthaüs	23.02.2016	(51) A61B 5/00
OGUNSINA, Tolulope	(33) Germany	A61B 5/0488
GRAJKOWSKI, Wiktor	European Patent Office (EPO)	A61B 5/0492
DIEM, Patrick	(47) 10.06.2020	(11) EP2753237
(74) ir. H.J.G. Lips c.s.	(51) A47J 31/44	(21) EP12762026.8
(31) 201514668	A47J 31/46	(22) 07.09.2012
(32) 18.08.2015	(11) EP3426108	(54) NERVE OR MUSCLE SENSING/ MONITORING DEVICE
(33) United Kingdom	(21) EP17710206.8	(73) TECHNOMED ENGINEERING BV
(47) 13.05.2020	(22) 09.03.2017	(72) PAES, Roel
(51) A47B 9/14	(54) MILK FOAMING DEVICE HAVING A RETURN LOOP	(74) ir. W.J.J.M. Kempes
A47C 3/34	(73) Übermorgen Innovations GmbH	(31) 201115625
(11) EP3459390	(72) ZWICK, Boris	(32) 09.09.2011
(21) EP18156185.3	(74) dr. A. Ellens c.s.	(33) United Kingdom
(22) 09.02.2018	(31) 102016104404	(47) 27.05.2020
(54) HEIGHT ADJUSTABLE FURNITURE	(32) 10.03.2016	(51) A61B 5/0488
(73) Yotrio Group Co., Ltd	(33) Germany	A61B 5/11
(72) XIE, Jianqiang	(47) 29.04.2020	(11) EP2745774
(74) ir. W.J.J.M. Kempes	(51) A47K 3/34	(21) EP12199341.4
(31) 17192785	E05D 15/06	(22) 24.12.2012
(32) 22.09.2017	(11) EP3296495	(54) ELECTROPHYSIOLOGICAL MONITORING OF UTERINE CONTRACTIONS
(33) European Patent Office (EPO)	(21) EP17192207.3	(73) Nemo Healthcare B.V.
	(22) 20.09.2017	(72) Peters, Christiaan Hendrik Leonard



Vullings, Rik	(32) 09.08.2002	(51) A61B 17/22
(74) J. Hoekstra	(33) United Kingdom	(11) EP3459472
(47) 10.06.2020	(47) 24.06.2020	(21) EP18205890.9
(51) A61B 5/08	(51) A61B 8/08	(22) 13.03.2014
A61B 5/16	(11) EP3127487	(54) SYSTEM FOR GUIDED REMOVAL
A61M 16/00	(21) EP15773342.9	FROM AN IN VIVO SUBJECT
(11) EP2465434	(22) 25.03.2015	(73) The General Hospital Corporation
(21) EP10808269.4	(54) ULTRASONIC IMAGING SYSTEM	(72) EISNER, Brian Howard
(22) 11.08.2010	(73) National University Corporation Gunma	(74) drs. P.F.H.M. van Someren c.s.
(54) DEVICE FOR CALCULATING	University	(31) 201361783239 P
RESPIRATORY WAVEFORM	(72) YAMAKOSHI Yoshiki	(32) 14.03.2013
INFORMATION AND MEDICAL DEVICE	(74) ir. H.Th. van den Heuvel c.s.	(33) United States of America
USING RESPIRATORY WAVEFORM	(31) 2014076527	(47) 13.05.2020
INFORMATION	(32) 02.04.2014	(51) A61B 17/22
(73) Asanoi, Hidetsugu	(33) Japan	A61B 17/221
HEARTLAB, INC.	(47) 27.05.2020	(11) EP3448278
(72) ASANOI, Hidetsugu	(51) A61B 8/14	(21) EP17722290.8
(74) ir. J.C. Volmer c.s.	G01S 7/52	(22) 25.04.2017
(31) 2009187759	G01S 15/89	(54) INVERTING MECHANICAL
(32) 13.08.2009	G10K 11/34	THROMBECTOMY APPARATUS
(33) Japan	(11) EP3025166	(73) Stryker Corporation
(47) 05.08.2020	(21) EP14750404.7	(72) GREENHALGH, E., Skott
(51) A61B 5/11	(22) 21.07.2014	WALLACE, Michael, P.
(11) EP3340878	(54) ULTRASOUND IMAGE FORMATION	(74) ir. A. Blokland c.s.
(21) EP16754532.6	AND/OR RECONSTRUCTION USING	(31) 201662327024 P
(22) 24.08.2016	MULTIPLE FREQUENCY WAVEFORMS	(32) 25.04.2016
(54) IMPROVEMENTS IN OR RELATING TO	(73) Regents of the University of Minnesota	(33) United States of America
HEART MONITORING	(72) EBBINI, Emad S.	(47) 13.05.2020
(73) Université Libre de Bruxelles	LIU, Dalong	(51) A61B 17/24
(72) MIGEOTTE, Pierre-François	CASPER, Andrew J.	A61B 17/34
DELIÈRE, Quentin	(74) P.J. Pollard B.Eng	F16H 27/06
(74) dr. A. Ellens c.s.	(31) 201361857442 P	(11) EP3453345
(31) 15182866	(32) 23.07.2013	(21) EP18192645.2
(32) 28.08.2015	(33) United States of America	(22) 05.09.2018
(33) European Patent Office (EPO)	(47) 17.06.2020	(54) SINGLE HANDED ENT TOOL
(47) 27.05.2020	(51) A61B 10/00	(73) Biosense Webster (Israel) Ltd.
(51) A61B 6/03	A61B 10/02	(72) GOVARI, Assaf
G01D 18/00	A61B 18/14	ALGAWI, Yehuda
(11) EP3262383	A61B 18/18	SITNITSKY, Ilya
(21) EP16756171.1	A61N 5/04	(74) ir. M.F.J.M. Ketelaars c.s.
(22) 23.02.2016	(11) EP3017769	(31) 201762554894 P
(54) METHODS FOR OPTIMIZING IMAGING	(21) EP15187994.7	201816101502
TECHNIQUE PARAMETERS FOR	(22) 10.10.2007	(32) 06.09.2017
PHOTON-COUNTING COMPUTED	(54) NEEDLE STRUCTURE FOR	12.08.2018
TOMOGRAPHY	PERFORMING NEEDLE BIOPSIES	(33) United States of America
(73) Mayo Foundation for Medical Education	(73) Creo Medical Limited	United States of America
and Research	(72) HANCOCK, Christopher Paul	(47) 10.06.2020
(72) MCCOLLOUGH, Cynthia, H.	(74) ir. M.F.J.M. Ketelaars c.s.	(51) A61B 17/29
LI, Zhoubo	(31) 0620063	A61B 34/00
LENG, Shuai	(32) 10.10.2006	A61B 34/30
(74) drs. P.F.H.M. van Someren c.s.	(33) United Kingdom	(11) EP3346932
(31) 201562119628 P	(47) 08.07.2020	(21) EP16777805.9
(32) 23.02.2015	(51) A61B 17/17	(22) 07.09.2016
(33) United States of America	A61C 1/08	(54) SURGICAL INSTRUMENT HAVING
(47) 20.05.2020	A61C 8/02	HANDLE MEMBER
(51) A61B 8/08	(11) EP3366256	(73) Deam Holding B.V.
(11) EP2186483	(21) EP18157381.7	(72) SCHELTES, Julien Serge
(21) EP09015067.3	(22) 19.02.2018	(74) ir. M.F.J.M. Ketelaars c.s.
(22) 01.07.2003	(54) DEVICE FOR GUIDING A DENTAL	(31) 2015423
(54) Instantaneous ultrasonic measurement of	SURGERY HOLLOW MILL	(32) 10.09.2015
the volume of fluid in a body cavity	(73) Zastrow, Frank	(33) Netherlands
(73) Verathon Medical (Europe) B.V.	(72) Zastrow, Frank	(47) 20.05.2020
(72) McMorro, Gerald, James	(74) ir. M.F.J.M. Ketelaars c.s.	(51) A61B 17/29
Baartmans, Henri	(31) 102017202817	A61B 34/30
Bom, Nicolaas	(32) 22.02.2017	(11) EP3238650
Lancee, Charles, Theodor	(33) Germany	(21) EP17171068.4
(74) dr. W.A.H.M. Van Borm	(47) 13.05.2020	(22) 20.12.2013
(31) 0218547		

<p>(54) ARTICULATED TOOL POSITIONER AND SYSTEM EMPLOYING SAME (73) Titan Medical Inc. (72) ROBERT, Rene ZITNICK, David Allen CAMERON, Peter John Kenneth FARIA, Leonard M. BAJO, Andrea (74) dr. W.A.H.M. Van Borm (31) 201361837112 P (32) 19.06.2013 (33) United States of America (47) 24.06.2020 <hr/>(51) A61B 17/32 A61F 9/007 A61F 9/013 (11) EP2741689 (21) EP12822696.6 (22) 08.08.2012 (54) APPARATUS FOR FORMING INCISIONS IN OCULAR TISSUE (73) Refocus Group, Inc. (72) OZINGA, David G. BEITZEL, Karl H. (74) ir. A. Blokland c.s. (31) 201113205359 (32) 08.08.2011 (33) United States of America (47) 10.06.2020 <hr/>(51) A61B 17/68 A61F 2/08 (11) EP3503828 (21) EP17765303.7 (22) 26.08.2017 (54) TENDON RETENTION DEVICE (73) Paragon 28, Inc. (72) BLACKLIDGE, Douglas K. (74) ir. A. Blokland c.s. (31) 201662379789 P 201762454100 P 201762500574 P (32) 26.08.2016 03.02.2017 03.05.2017 (33) United States of America United States of America United States of America (47) 05.08.2020 <hr/>(51) A61B 18/14 (11) EP3360499 (21) EP18155971.7 (22) 09.02.2018 (54) ESTIMATION OF TISSUE THICKNESS (73) Biosense Webster (Israel) Ltd. (72) GOVARI, Assaf (74) ir. M.F.J.M. Ketelaars c.s. (31) 201762457266 P 201815868297 (32) 10.02.2017 11.01.2018 (33) United States of America United States of America (47) 10.06.2020 <hr/>(51) A61B 34/20 (11) EP2629668 (21) EP11777009.9 (22) 20.10.2011</p>	<p>(54) GATED IMAGE ACQUISITION AND PATIENT MODEL CONSTRUCTION (73) Medtronic Navigation, Inc. (72) HELM, Patrick, A. SHI, Shuanghe (74) dr. W.A.H.M. Van Borm (31) 908200 (32) 20.10.2010 (33) United States of America (47) 05.08.2020 <hr/>(51) A61F 2/00 (11) EP1843718 (21) EP06720249.9 (22) 03.02.2006 (54) SURGICAL IMPLANTSSURGICAL IMPLANTS FOR THE PELVIC REGION (73) Boston Scientific Scimed, Inc. (72) ARNAL, Kevin, R. HAUSCHILD, Sidney, F. LUND, Robert, E. ROYCHOWDHURY, Suranjan VANCELETTE, David, W. (74) ir. H.J.G. Lips c.s. (31) 650208 P 650209 P 650207 P 659504 P 659714 P 677457 P 683185 P (32) 04.02.2005 04.02.2005 04.02.2005 08.03.2005 08.03.2005 04.05.2005 20.05.2005 (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 (47) 24.06.2020 <hr/>(51) A61F 2/16 (11) EP3329880 (21) EP16830223.0 (22) 29.06.2016 (54) INTRAOCULARLY-MOUNTED OBJECT AND INTRAOCULARLY-INSERTED OBJECT HOLDING MEMBER (73) Chukyo Medical Co., Inc. (72) ICHIKAWA, Kazuo YOSHIDA, Norihiko (74) ir. M.F.J.M. Ketelaars c.s. (31) 2015147498 (32) 27.07.2015 (33) Japan (47) 29.07.2020 <hr/>(51) A61F 2/97 (11) EP3503852 (21) EP17765287.2 (22) 16.08.2017 (54) SLEEVES FOR EXPANDABLE MEDICAL DEVICES (73) W. L. Gore &amp; Associates, Inc. (72) CHUNG, Karl R.</p>	<p>RUDES, Susan J. (74) ir. W.J.J.M. Kempes (31) 201662379001 P (32) 24.08.2016 (33) United States of America (47) 03.06.2020 <hr/>(51) A61F 13/00 A61F 13/02 A61F 13/06 A61F 13/08 A61F 13/10 A61F 15/00 A61F 17/00 A61M 1/00 (11) EP3120817 (21) EP15002171.5 (22) 22.07.2015 (54) WOUND TREATMENT ASSEMBLY (73) Lohmann &amp; Rauscher GmbH (72) Schneider, Johannes (74) J.M.H. Duyver lic. (47) 01.07.2020 <hr/>(51) A61F 13/475 A61F 13/494 A61F 13/496 A61F 13/532 A61F 13/535 (11) EP3446667 (21) EP17810271.1 (22) 05.06.2017 (54) ABSORBENT ARTICLE (73) Unicharm Corporation (72) MUKAI, Hiroto NAGAI, Takahito (74) J.M.H. Duyver lic. (31) 2016112923 (32) 06.06.2016 (33) Japan (47) 15.07.2020 <hr/>(51) A61F 13/511 D04H 1/42 D04H 1/425 D04H 1/4282 D04H 1/4326 D04H 1/541 D04H 1/559 (11) EP3381426 (21) EP16881508.2 (22) 17.10.2016 (54) NON-WOVEN FABRIC FOR LIQUID-PERMEABLE SHEET OF ABSORBENT ARTICLE, AND ABSORBENT ARTICLE WHICH INCLUDES SAID NON-WOVEN FABRIC AS LIQUID-PERMEABLE SHEET (73) Unicharm Corporation (72) MIYAMA, Takuya SAKAGUCHI, Satoru UDA, Masashi (74) J.M.H. Duyver lic. (31) 2015257464 (32) 28.12.2015 (33) Japan (47) 22.07.2020 <hr/>(51) A61J 7/00 A61J 7/02 B65B 5/10 G07F 11/16</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

G07F 11/42	A61P 43/00	A61K 31/192
(11) EP3459517	A61Q 11/00	A61K 31/4436
(21) EP18195595.6	(11) EP2887932	A61K 31/573
(22) 20.09.2018	(21) EP13830936.4	A61K 45/06
(54) MEDICINE CASSETTE AND	(22) 21.08.2013	A61K 47/26
AUTOMATIC MEDICINE PACKAGING	(54) USE OF STATINS FOR PERIODONTAL	A61P 17/06
APPARATUS THEREWITH	DISEASE AND BONE REGENERATION	A61K 47/14
(73) JVM Co., Ltd.	(73) Rosenberg Messina, David Rafael	A61K 47/44
(72) Kim, Jun-ho	(72) Rosenberg Messina, David Rafael	(11) EP3310389
(74) J.M.H. Duyver lic.	(74) ir. M.F.J.M. Ketelaars c.s.	(21) EP16729470.1
(31) 20170124552	(31) 201261692087 P	(22) 06.06.2016
(32) 26.09.2017	(32) 22.08.2012	(54) TOPICAL COMPOSITIONS
(33) Korea (Republic)	(33) United States of America	COMPRISING A CORTICOSTEROID
(47) 27.05.2020	(47) 20.05.2020	AND A RETINOID FOR TREATING
(51) A61K 8/02	(51) A61K 8/64	PSORIASIS
A61K 8/34	A61P 19/00	(73) Bausch Health Ireland Limited
A61K 8/365	A61Q 7/00	(72) DOW, Gordon J.
A61K 8/49	C07K 7/06	PILLAI, Radhakrishnan
A61K 8/60	A61K 38/08	BHATT, Varsha
A61K 8/64	(11) EP3360887	(74) dr. W.A.H.M. Van Borm
A61K 8/65	(21) EP18161516.2	(31) 201562181481 P
A61K 8/67	(22) 21.11.2014	(32) 18.06.2015
A61K 8/73	(54) PEPTIDE HAVING ANTI-	(33) United States of America
A61K 8/81	INFLAMMATORY, OSTEOGENIC	(47) 01.07.2020
A61Q 19/00	AND HAIR GROWTH PROMOTING	(51) A61K 9/00
A61Q 19/08	ACTIVITIES, AND USE OF SAME	A61K 9/70
A61K 8/9789	(73) Caregen Co., Ltd.	A61K 47/36
A61K 8/9794	(72) CHUNG, Yong Ji	A61M 5/142
(11) EP3427717	KIM, Eun Mi	A61M 37/00
(21) EP17840525.4	LEE, Eung Ji	(11) EP3122332
(22) 18.07.2017	CHO, Kyoung Mi	(21) EP15716319.7
(54) CONSTRUCTED GEL-FILLED	HAN, A Reum	(22) 27.03.2015
COSMETIC MASK	(74) ir. M.F.J.M. Ketelaars c.s.	(54) DISSOLVABLE MICRONEEDLES FOR
(73) Ruan, Shixing	(31) 20140057191	SKIN TREATMENT
(72) Ruan, Shixing	(32) 13.05.2014	(73) ALLERGAN, INC.
(74) ir. M.F.J.M. Ketelaars c.s.	(33) Korea (Republic)	(72) SCHWAB, Justin J.
(31) 201710338291	(47) 17.06.2020	AUGARTEN, Michael
(32) 15.05.2017	(51) A61K 8/73	DOMINGUEZ, Zachary
(33) China	A61K 31/733	FRANKLIN, Ethan
(47) 27.05.2020	A61K 45/06	KAYDA, Edwin J.
(51) A61K 8/02	A61K 49/12	METZNER, Jason
A61K 8/73	A61P 3/04	(74) mr.ir. F.N. Ferro
A61Q 17/04	A61P 3/10	(31) 201461972165 P
D21B 1/06	A61P 5/50	(32) 28.03.2014
D21H 21/52	C08B 37/00	(33) United States of America
D04H 1/425	C08L 5/00	(47) 27.05.2020
(11) EP3130435	A23L 33/10	(51) A61K 9/00
(21) EP15775994.5	A23L 33/21	A61K 31/56
(22) 09.04.2015	(11) EP2879713	A61K 31/567
(54) ANTI-ULTRAVIOLET SHEET-LIKE	(21) EP13747685.9	A61K 31/57
CELLULOSE MATERIAL AND	(22) 31.07.2013	A61K 31/573
PREPARATION METHOD AND USE	(54) COMPOUNDS AND THEIR EFFECTS	A61K 31/575
THEREOF	ON APPETITE CONTROL AND INSULIN	A61K 45/06
(73) Technical Institute of Physics and	SENSITIVITY	A61P 5/34
Chemistry of the Chinese Academy of	(73) Imperial College Innovations Limited	A61P 5/36
Sciences	The University Court of the University of	(11) EP3263112
(72) WU, Min	Glasgow	(21) EP17184128.1
HUANG, Yong	(72) FROST, Gary	(22) 24.10.2007
ZHAO, Mengmeng	MORRISON, Douglas	(54) COMPOSITIONS AND METHODS
(74) dr. W.A.H.M. Van Borm	PRESTON, Thomas	FOR SUPPRESSING ENDOMETRIAL
(31) 201410143766	(74) ir. F.A. Geurts c.s.	PROLIFERATIONS
(32) 10.04.2014	(31) 201213629	(73) Allergan Pharmaceuticals International
(33) China	(32) 31.07.2012	Limited
(47) 03.06.2020	(33) United Kingdom	(72) PODOLSKI, Joseph S.
(51) A61K 8/49	(47) 10.06.2020	(74) mr.ir. F.N. Ferro
A61K 9/00	(51) A61K 9/00	(31) 862632 P
A61K 31/40	A61K 9/06	885348 P
A61P 19/08	A61K 9/12	(32) 24.10.2006

17.01.2007	PCT/NL2007/050307	(72) GOODENOWE, Dayan
(33) United States of America	PCT/NL2007/050310	(74) ir. W.J.J.M. Kempes
United States of America	07123811	(31) 888883 P
(47) 13.05.2020	PCT/NL2008/050124	(32) 08.02.2007
(51) A61K 9/08	(32) 26.06.2007	(33) United States of America
A61K 31/05	26.06.2007	(47) 17.06.2020
A61K 31/352	27.06.2007	(51) A61K 31/232
A61K 36/185	20.12.2007	A61K 31/661
A61K 45/06	04.03.2008	A61K 31/6615
A61P 25/08	(33) World Intellectual Property Office (WIPO)	A61P 3/06
A61K 47/10	World Intellectual Property Office (WIPO)	G01N 27/00
(11) EP3206716	World Intellectual Property Office (WIPO)	G01N 33/483
(21) EP15784111.5	European Patent Office (EPO)	G01N 33/68
(22) 14.10.2015	World Intellectual Property Office (WIPO)	G01N 37/00
(54) USE OF CANNABINOIDS IN THE	(47) 13.05.2020	(11) EP2620147
TREATMENT OF ATONIC SEIZURES IN	(51) A61K 31/202	(21) EP13160192.4
LENNOX-GASTAUT SYNDROME	A61P 43/00	(22) 27.08.2007
(73) GW Research Limited	(11) EP1605930	(54) Compounds for lowering cholesterol
(72) GUY, Geoffrey	(21) EP04723764.9	(73) Med-Life Discoveries LP
WRIGHT, Stephen	(22) 26.03.2004	(72) Goodenowe, Dayan
MEAD, Alice	(54) USE OF ARACHIDONIC ACID FOR	(74) ir. W.J.J.M. Kempes
DEVINSKY, Orrin	NORMALIZATION OF INFRADIAN	(31) 888883 P
(74) dr. A. Krebs	RHYTHM	(32) 08.02.2007
(31) 201418171	(73) Suntory Holdings Limited	(33) United States of America
(32) 14.10.2014	(72) AKIMOTO, Kengo	(47) 03.06.2020
(33) United Kingdom	ONO, Yoshiko	(51) A61K 31/27
(47) 29.07.2020	KAWASHIMA, Hiroshi	A61K 31/445
(51) A61K 9/19	NAGAI, Katsuya	A61K 31/5377
A61K 38/48	(74) ir. F.A. Geurts c.s.	A61K 31/55
A61K 47/02	(31) 2003088956	A61P 25/28
A61K 47/26	(32) 27.03.2003	(11) EP3500253
A61P 13/10	(33) Japan	(21) EP17768234.1
A61K 47/18	(47) 03.06.2020	(22) 14.08.2017
(11) EP3241547	(51) A61K 31/21	(54) COMBINATION OF HISTAMINE-3
(21) EP17168989.6	A61K 31/216	RECEPTOR INVERSE AGONISTS
(22) 30.03.2012	A61P 35/00	WITH ACETYLCHOLINESTERASE
(54) LYOPHILIZED PREPARATION OF	C07C 69/732	INHIBITORS
BOTULINUM TOXIN	C07C 69/734	(73) Seven Life Sciences Limited
(73) Medy-Tox Inc.	C07D 303/16	(72) NIROGI, Ramakrishna
(72) Jung, Hyun Ho	(11) EP2486026	SHINDE, Anil Karbhari
Yang, Gi Hyeok	(21) EP10821532.8	MOHAMMED, Abdul Rasheed
Rhee, Chang Hoon	(22) 08.10.2010	JAYARAJAN, Pradeep
Kim, Hack Woo	(54) DERIVATIVES OF	BHYRAPUNENI, Gopinadh
Kim, Sung Bum	DI(PHENYLPROPANOID) GLYCEROL	JASTI, Venkateswarlu
Baek, Seung Hwan	FOR THE TREATMENT OF CANCER	(74) dr. A. Krebs
(74) mr.ir. F.N. Ferro	(73) MacGregor, Alexander	(31) 201641028166
(31) 20110029577	(72) MacGregor, Alexander	(32) 18.08.2016
(32) 31.03.2011	(74) dr. A. Krebs	(33) India
(33) Korea (Republic)	(31) 250287 P	(47) 24.06.2020
(47) 20.05.2020	(32) 09.10.2009	(51) A61K 31/353
(51) A61K 31/14	(33) United States of America	A61P 13/02
A61K 31/202	(47) 24.06.2020	A61P 13/10
A61K 31/557	(51) A61K 31/232	(11) EP3271016
A61K 31/7072	A61K 31/661	(21) EP16710448.8
A61K 45/06	A61K 31/6615	(22) 18.03.2016
A61P 25/28	A61P 3/06	(54) MEDICINAL COMPOSITION FOR
(11) EP2689782	A61P 25/28	TREATING URINARY TRACT
(21) EP13189474.3	G01N 27/00	INFECTION (UTI)
(22) 20.06.2008	G01N 33/483	(73) UroPharma Limited
(54) Improving memory in subjects with mini-	G01N 33/68	Synesis LLC
mental state examination of 24-26	G01N 37/00	(72) SHAPLAND, Howard
(73) N.V. Nutricia	(11) EP2117527	GLICKMAN, Scott
(72) Kamphuis, Patrick Joseph Gerardus	(21) EP07800499.1	KRUEGER, Christian G.
Hendrikus	(22) 27.08.2007	HOWELL, Amy B.
Groenendijk, Martine	(54) COMPOUNDS FOR USE IN THE	REED, Jess D.
Bongers, Anke	TREATMENT OF SENILE DEMENTIA	(74) ir. W.J.J.M. Kempes
(74) ir. M.F.J.M. Ketelaars c.s.	OF THE ALZHEIMER'S TYPE	(31) 201562135353 P
(31) PCT/NL2007/050306	(73) Med-Life Discoveries LP	201506526

- 201662294047 P  
(32) 19.03.2015  
17.04.2015  
11.02.2016  
(33) United States of America  
United Kingdom  
United States of America  
(47) 17.06.2020
- 
- (51) A61K 31/407  
A61K 31/4439  
A61P 25/28  
(11) EP2453890  
(21) EP10735143.9  
(22) 16.07.2010  
(54) COMPOSITIONS COMPRISING A  
CHOLINESTERASE INHIBITOR FOR  
TREATING COGNITIVE DISORDERS  
(73) ALLERGAN, INC.  
(72) STAUBLI, Ursula V.  
DONELLO, John E.  
(74) mr.ir. F.N. Ferro  
(31) 226425 P  
(32) 17.07.2009  
(33) United States of America  
(47) 27.05.2020
- 
- (51) A61K 31/4166  
A61P 25/00  
C07D 235/02  
(11) EP3402782  
(21) EP17700390.2  
(22) 13.01.2017  
(54) 8-AMINO-2-OXO-1,3-DIAZA-SPIRO-  
[4.5]-DECANE DERIVATIVES  
(73) Grünenthal GmbH  
(72) KÜHNERT, Sven  
KOENIGS, René Michael  
KLESS, Achim  
WEGERT, Anita  
RATCLIFFE, Paul  
JOSTOCK, Ruth  
KOCH, Thomas  
LINZ, Klaus  
SCHRÖDER, Wolfgang  
(74) ir. W.J.J.M. Kempes  
(31) 16151015  
(32) 13.01.2016  
(33) European Patent Office (EPO)  
(47) 29.07.2020
- 
- (51) A61K 31/4184  
A61P 25/28  
C07D 403/04  
C07D 471/04  
(11) EP3461819  
(21) EP17194164.4  
(22) 29.09.2017  
(54) INHIBITORS OF GLUTAMINYL  
CYCLASE  
(73) Probiodrug AG  
(72) HEISER, Ulrich  
SOMMER, Robert  
(74) dr. A. Ellens c.s.  
(47) 27.05.2020
- 
- (51) A61K 31/426  
A61K 45/06  
A61P 31/12  
(11) EP3436074  
(21) EP17716741.8  
(22) 30.03.2017
- (54) THIAZOLIDINE COMPOUNDS FOR  
TREATING VIRAL INFECTIONS  
(73) Romark Laboratories, L.C.  
(72) ROSSIGNOL, Jean-Francois  
SANTORO, Maria Gabriella  
(74) mr.ir. F.N. Ferro  
(31) 201662316463 P  
(32) 31.03.2016  
(33) United States of America  
(47) 10.06.2020
- 
- (51) A61K 31/437  
C07D 471/04  
(11) EP3295941  
(21) EP17193737.8  
(22) 05.03.2015  
(54) PROCESS FOR PREPARING FORM A  
OF GRAPIPRANT  
(73) Aratana Therapeutics, Inc.  
(72) NEWBOLD, Tamara  
SMITH, Melissa  
SEEKAMP, Christopher  
WENSLOW, Robert  
LU, Xia  
(74) dr. A. Krebs  
(31) 201461949006 P  
201461996961 P  
(32) 06.03.2014  
30.07.2014  
(33) United States of America  
United States of America  
(47) 22.07.2020
- 
- (51) A61K 31/444  
A61K 31/497  
A61P 35/00  
C07D 401/02  
C07D 401/04  
C07D 401/14  
(11) EP3160956  
(21) EP15811526.1  
(22) 26.06.2015  
(54) INHIBITORS OF LYSINE SPECIFIC  
DEMETHYLASE-1  
(73) Celgene Quantical Research, Inc.  
(72) CHEN, Young, K.  
KANOUNI, Toufike  
STAFFORD, Jeffrey, Alan  
VEAL, James, Marvin  
(74) mr. M.J.I. Koomen c.s.  
(31) 201462018365 P  
(32) 27.06.2014  
(33) United States of America  
(47) 27.05.2020
- 
- (51) A61K 31/445  
A61K 31/454  
A61K 31/5377  
A61P 3/04  
C07D 211/26  
C07D 211/28  
C07D 211/34  
C07D 211/38  
C07D 211/46  
C07D 211/62  
C07D 211/66  
C07D 401/06  
C07D 401/12  
C07D 405/06  
C07D 405/12  
C07D 405/14
- C07D 409/12  
C07D 413/06  
C07D 413/12  
C07D 417/12  
(11) EP3189839  
(21) EP17155716.8  
(22) 02.06.2009  
(54) N-PIPERIDINYL ACETAMIDE  
DERIVATIVES AS CALCIUM CHANNEL  
BLOCKERS  
(73) Praxis Precision Medicines, Inc.  
(72) PAJOUHESH, Hassan  
KAUL, Ramesh  
DING, Yanbing  
ZHU, Yongbao  
ZHANG, Lingyun  
CHAKKA, Nagasree  
GRIMWOOD, Mike  
TAN, Jason  
ZHOU, Yuanxi  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 58179 P  
420793  
(32) 02.06.2008  
08.04.2009  
(33) United States of America  
United States of America  
(47) 20.05.2020
- 
- (51) A61K 31/454  
A61K 45/06  
A61P 1/04  
A61P 3/10  
A61P 5/14  
A61P 17/00  
A61P 25/00  
A61P 25/06  
A61P 25/16  
A61P 31/12  
(11) EP3142666  
(21) EP15793503.2  
(22) 18.05.2015  
(54) 5-HT4 RECEPTOR AGONIST FOR  
GASTROPARESIS  
(73) RaQualia Pharma Inc.  
(72) TAKAHASHI, Nobuyuki  
YAMAMOTO, Toshinori  
SHIMADA, Kaoru  
NOGUCHI, Hirohide  
(74) ir. A. Blokland c.s.  
(31) 201461994432 P  
(32) 16.05.2014  
(33) United States of America  
(47) 03.06.2020
- 
- (51) A61K 31/4545  
A61P 9/00  
A61P 35/00  
C07D 401/14  
C07D 403/14  
C07D 471/04  
C07D 487/04  
C07D 513/04  
C07D 519/00  
(11) EP3468972  
(21) EP17733041.2  
(22) 12.06.2017  
(54) COMPOUNDS AND COMPOSITIONS  
FOR INHIBITING THE ACTIVITY OF  
SHP2

(73) NOVARTIS AG	A61K 31/5377	A61P 37/00
(72) CHEN, Zhuoliang	A61K 45/06	C07D 495/16
FORTANET, Jorge Garcia	A61P 35/00	C07D 519/00
KARKI, Rajesh	(11) EP3100742	(11) EP3386991
LAMARCHE, Matthew J.	(21) EP15743649.4	(21) EP16820106.9
MAJUMDAR, Dyuti	(22) 26.01.2015	(22) 09.12.2016
PEREZ, Lawrence Blas	(54) ANTICANCER AGENT COMPOSITION	(54) POLYCYCLIC COMPOUNDS AS
SENDZIK, Martin	COMPRIHING A CDC7 INHIBITOR AND	INHIBITORS OF BRUTON'S TYROSINE
SMITH, Troy Douglas	A WEE1 INHIBITOR	KINASE
YANG, Fan	(73) Carna Biosciences, Inc.	(73) Janssen Pharmaceutica NV
YU, Bing	(72) FUNAKOSHI, Yoko	(72) ARORA, Nidhi
(74) ir. M.F.J.M. Ketelaars c.s.	TANAKA, Chika	BACANI, Genesis M.
(31) 201662349697 P	ASAMI, Tokiko	BARBAY, Joseph Kent
(32) 14.06.2016	SAWA, Masaaki	BEMBENEK, Scott D.
(33) United States of America	(74) drs. P.F.H.M. van Someren c.s.	CAI, Min
(47) 20.05.2020	(31) 2014018075	CHEN, Wei
(51) A61K 31/47	(32) 31.01.2014	DECKHUT, Charlotte Pooley
A61P 19/00	(33) Japan	EDWARDS, James P.
A61P 19/06	(47) 20.05.2020	GHOSH, Brahmananda
C07D 215/36	(51) A61K 31/5025	KREUTTER, Kevin
(11) EP3305768	A61P 35/00	LI, Gang
(21) EP16799331.0	C07D 471/06	TICHENOR, Mark S.
(22) 26.05.2016	(11) EP2630146	VENABLE, Jennifer D.
(54) SODIUM SALT OF URIC ACID	(21) EP11777005.7	WEI, Jianmei
TRANSPORTER INHIBITOR AND	(22) 20.10.2011	WIENER, John J. M.
CRYSTALLINE FORM THEREOF	(54) CRYSTALLINE (8S,9R)-5-FLUORO-8-	WU, Yao
(73) Jiangsu Hengrui Medicine Co., Ltd.	(4-FLUOROPHENYL)-9-(1-	XIAO, Kun
(72) WU, Guaili	METHYL-1H-1,2,4-TRIAZOL-5-	ZHANG, Feihuang
QIU, Zhenjun	YL)-8,9-DIHYDRO-2H-PYRIDO[4,3,2-	ZHU, Yaoping
SU, Yunpeng	DE]PHALAZIN-3(7H)-ONE TOSYLATE	(74) ir. M.F.J.M. Ketelaars c.s.
LU, Xi	SALT	(31) 201562265836 P
(74) dr. W.A.H.M. Van Borm	(73) Medivation Technologies LLC	(32) 10.12.2015
(31) 201510280720	(72) WANG, Bing	(33) United States of America
(32) 27.05.2015	CHU, Daniel	(47) 03.06.2020
(33) China	LIU, Yongbo	(51) A61K 31/5513
(47) 01.07.2020	PENG, Shichun	A61K 31/5517
(51) A61K 31/4725	(74) ir. M.F.J.M. Ketelaars c.s.	A61K 39/00
A61P 35/00	(31) 405476 P	A61K 39/395
C07D 401/06	(32) 21.10.2010	A61P 35/00
C07D 401/14	(33) United States of America	A61P 35/02
C07D 403/14	(47) 01.07.2020	C07K 16/28
C07D 407/14	(51) A61K 31/506	A61K 47/68
C07D 413/06	A61P 11/06	(11) EP3307274
C07D 413/14	A61P 13/12	(21) EP16808263.4
C07D 471/04	A61P 17/00	(22) 09.06.2016
(11) EP3339303	A61P 17/14	(54) ANTI-CD123 ANTIBODIES AND
(21) EP17206218.4	A61P 29/00	CONJUGATES THEREOF
(22) 05.12.2013	A61P 35/00	(73) Seattle Genetics, Inc.
(54) ARYL AND HETEROARYL FUSED	A61P 37/06	(72) SUTHERLAND, May Kung
LACTAMS	A61P 37/08	WESTENDORF, Lori
(73) Pfizer Inc.	A61P 43/00	SUSSMAN, Django
(72) EDWARDS, Martin Paul	C07D 513/04	(74) ir. M.F.J.M. Ketelaars c.s.
KUMPF, Robert Arnold	(11) EP3190116	(31) 201562175121 P
KUNG, Pei-Pei	(21) EP15838466.9	(32) 12.06.2015
MCALPINE, Indrawan James	(22) 02.09.2015	(33) United States of America
NINKOVIC, Sacha	(54) PYRAZOLOTHIAZOLE COMPOUND	(47) 05.08.2020
RUI, Eugene Yuanjin	AND MEDICINE COMPRISING SAME	(51) A61K 31/665
SUTTON, Scott Channing	(73) Nippon Shinyaku Co., Ltd.	A61P 35/00
TATLOCK, John Howard	(72) SHIBA, Yoshinobu	C07F 9/655
WYTHES, Martin James	AKIYAMA, Satoshi	A61K 47/54
ZEHNDER, Luke Raymond	(74) ir. H.A. Witmans c.s.	(11) EP3229810
(74) ir. M.F.J.M. Ketelaars c.s.	(31) 2014177969	(21) EP15860163.3
(31) 201261740596 P	(32) 02.09.2014	(22) 06.11.2015
(32) 21.12.2012	(33) Japan	(54) PHOSPHOLIPID ETHER ANALOGS
(33) United States of America	(47) 05.08.2020	AS CANCER-TARGETING DRUG
(47) 24.06.2020	(51) A61K 31/519	VEHICLES
(51) A61K 31/496	A61P 19/00	(73) Collectar Biosciences, Inc.
A61K 31/519	A61P 35/00	(72) WEICHERT, Jamey, P.

- PINCHUK, Anatoly  
KOZAK, Kevin  
LONGINO, Marc  
GRUDZINSKI, Joseph  
TITZ, Benjamin  
PAK, Chorom  
STEHLE, Nathan  
(74) J.M.H. Duyver lic.  
(31) 201462080436 P  
(32) 17.11.2014  
(33) United States of America  
(47) 22.07.2020  
(51) A61K 31/675  
A61K 39/395  
A61K 35/28  
(11) EP2797421  
(21) EP12861023.5  
(22) 20.12.2012  
(54) A COMBINATION THERAPY FOR  
A STABLE AND LONG TERM  
ENGRAFTMENT USING SPECIFIC  
PROTOCOLS FOR T/B CELL  
DEPLETION  
(73) YEDA RESEARCH AND  
DEVELOPMENT CO. LTD.  
(72) REISNER, Yair  
BACHAR-LUSTIG, Esther  
(74) ir. W.J.J.M. Kempes  
(31) 201161578917 P  
(32) 22.12.2011  
(33) United States of America  
(47) 20.05.2020  
(51) A61K 31/7048  
A61P 11/00  
C07H 17/08  
(11) EP3377511  
(21) EP16804720.7  
(22) 21.11.2016  
(54) AZITHROMYCIN DERIVATIVES WITH  
EPITHELIAL BARRIER ENHANCEMENT  
PROPERTIES  
(73) EpiEndo Pharmaceuticals ehf.  
(72) GARDARSSON, Fridrik Runar  
LEHMANN, Fredrik  
TEODOROVIC, Peter  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 201520419  
(32) 19.11.2015  
(33) United Kingdom  
(47) 13.05.2020  
(51) A61K 31/7068  
A61P 35/00  
C07H 19/10  
(11) EP3160978  
(21) EP15733497.0  
(22) 25.06.2015  
(54) GEMCITABINE PRODRUGS  
(73) NuCana plc  
(72) GRIFFITH, Hugh  
MCGUIGAN, Christopher  
SLUSARCZYK, Magdalena  
SERPI, Michaela  
FERRARI, Valentina  
(74) dr. A. Krebs  
(31) 201411253  
2050MU2014  
(32) 25.06.2014  
25.06.2014  
(33) United Kingdom  
India  
(47) 29.07.2020  
(51) A61K 31/7072  
A61P 31/20  
C07H 19/10  
(11) EP3398954  
(21) EP17817644.2  
(22) 07.04.2017  
(54) PRODRUG OF HCV NS5B  
POLYMERASE INHIBITOR AND  
METHOD FOR PRODUCING AND  
USING SAME  
(73) Alla Chem, LLC  
Ivachtchenko, Alexandre Vasilievich  
Ivashchenko, Andrey Alexandrovich  
Ivachtchenko, Alena Alexandrovna  
Savchuk, Nikolay Filippovich  
(72) IVACHTCHENKO, Alexandre Vasilievich  
MITKIN, Oleg Dmitrievich  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 2017106609  
(32) 28.02.2017  
(33) Russian Federation  
(47) 10.06.2020  
(51) A61K 31/7084  
C07H 21/02  
C07H 21/04  
C12N 15/67  
(11) EP3484907  
(21) EP17754482.2  
(22) 12.07.2017  
(54) NOVEL PHOSPHOTRIAZOLE MRNA 5'-  
END CAP ANALOGS, COMPOSITION  
COMPRISING THE SAME, RNA  
MOLECULE INCORPORATING THE  
SAME, USES THEREOF AND METHOD  
OF SYNTHESIZING RNA MOLECULE,  
PROTEIN OR PEPTIDE  
(73) Uniwersytet Warszawski  
(72) WALCZAK, Sylwia  
KOWALSKA, Joanna  
JEMIELITY, Jacek  
(74) ir. J.C. Volmer c.s.  
(31) 41798016  
(32) 16.07.2016  
(33) Poland  
(47) 13.05.2020  
(51) A61K 31/7105  
A61K 48/00  
C12N 15/11  
C12N 15/67  
A61K 47/59  
(11) EP2858677  
(21) EP13735212.6  
(22) 07.06.2013  
(54) PULMONARY DELIVERY OF  
MESSENGER RNA  
(73) ethris GmbH  
(72) GEIGER, Johannes  
ANEJA, Manish Kumar  
RUDOLPH, Carsten  
(74) ir. H.A. Witmans c.s.  
(31) 201261657344 P  
(32) 08.06.2012  
(33) United States of America  
(47) 05.08.2020  
(51) A61K 31/713  
A61P 25/14  
C12N 15/113  
(11) EP3277814  
(21) EP16716412.8  
(22) 01.04.2016  
(54) OLIGONUCLEOTIDE COMPOUNDS  
FOR TARGETING HUNTINGTIN MRNA  
(73) University of Massachusetts  
(72) KHVOROVA, Anastasia  
ARONIN, Neil  
ALTERMAN, Julia  
(74) ir. W.J.J.M. Kempes  
(31) 201562142731 P  
201662289274 P  
(32) 03.04.2015  
31.01.2016  
(33) United States of America  
United States of America  
(47) 03.06.2020  
(51) A61K 31/715  
A61K 31/716  
A61K 31/722  
C07H 15/04  
(11) EP2911676  
(21) EP13850423.8  
(22) 29.10.2013  
(54) NOVEL MUCOSAL ADJUVANTS AND  
DELIVERY SYSTEMS  
(73) The Board of Trustees of the University  
of Arkansas  
(72) HARGIS, Billy, M.  
PUMFORD, Neil, R.  
MORGAN, Marion  
SHIVARAMAIAH, Srichaitanya  
TELLEZ, Guillermo  
WOLFENDEN, Amanda  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 201261719713 P  
(32) 29.10.2012  
(33) United States of America  
(47) 20.05.2020  
(51) A61K 31/727  
C08B 37/00  
C08B 37/10  
G01N 24/08  
G01R 33/46  
(11) EP2526122  
(21) EP11735052.0  
(22) 18.01.2011  
(54) EVALUATING HEPARIN  
PREPARATIONS  
(73) Momenta Pharmaceuticals, Inc.  
(72) BECCATI, Daniela  
CAPILA, Ishan  
GUNAY, Nur, Sibel  
ROY, Sucharita  
(74) ir. F.A. Geurts c.s.  
(31) 296218 P  
347950 P  
(32) 19.01.2010  
25.05.2010  
(33) United States of America  
United States of America  
(47) 10.06.2020  
(51) A61K 36/258  
A61K 36/48  
A61K 36/481  
A61K 36/537

A61P 9/00	AMEER, Guillermo A.	PIAGGIO, Eliane
A61P 9/10	(74) ir. H.J.G. Lips c.s.	BENSIMON, Gilbert
(11) EP2586452	(31) 201562160334 P	BERNARD, Claude
(21) EP11800170.0	(32) 12.05.2015	(74) J.M.H. Duyver lic.
(22) 28.06.2011	(33) United States of America	(31) 11305269
(54) USE OF A CHINESE MEDICINE	(47) 08.07.2020	201161451663 P
COMPOSITION IN PREPARING	(51) A61K 38/00	(32) 11.03.2011
MEDICAMENTS FOR TREATING	C12N 9/16	11.03.2011
SECONDARY PREVENTION OF	C12Q 1/34	(33) European Patent Office (EPO)
MYOCARDIAL INFARCTION	G01N 33/68	United States of America
(73) Tasly Pharmaceutical Group Co., Ltd.	(11) EP2964758	(47) 27.05.2020
(72) ZHANG, Boli	(21) EP14718161.4	(51) A61K 38/16
SHANG, Hongcai	(22) 05.03.2014	A61K 39/00
YAO, Chen	(54) PRODUCTION OF CATALYTICALLY	A61P 35/00
LIU, Baoyan	ACTIVE TYPE I SULFATASE	A61K 38/08
WENG, Weiliang	(73) Oxyrane UK Limited	(11) EP3120869
ZHAO, Yuxia	(72) VERVECKEN, Wouter	(21) EP16179192.6
DAI, Guohua	RYCKAERT, Stefan Simonne Prudent	(22) 28.09.2009
GAO, Xiumei	Eugène Christine	(54) NOVEL IMMUNOTHERAPY AGAINST
REN, Ming	VALEVSKA, Albena Vergilieva	SEVERAL TUMORS INCLUDING
ZHANG, Junhua	(74) dr. A. Ellens c.s.	NEURONAL AND BRAIN TUMORS
CAO, Hongbo	(31) 201361773034 P	(73) Immatics Biotechnologies GmbH
MAO, Jingyuan	201361790530 P	(72) SCHOOR, Oliver
HU, Xuejun	(32) 05.03.2013	HILF, Norbert
JIN, Zhisheng	15.03.2013	WEINSCHENK, Toni
ZHANG, Junping	(33) United States of America	TRAUTWEIN, Claudia
CHENG, Yiyu	United States of America	WALTER, Steffen
YAN, Xijun	(47) 27.05.2020	SINGH, Harpreet
QU, Jiazhen	(51) A61K 38/05	(74) M.A.T. Beck MSc LL.B
WANG, Hui	A61K 47/12	(31) 08017305
XU, Hongjuan	A61K 47/26	08017921
ZHENG, Wenke	A61P 35/00	105928 P
(74) ir. M.F.J.M. Ketelaars c.s.	F26B 5/06	(32) 01.10.2008
(31) 201010219730	A61K 47/10	13.10.2008
(32) 28.06.2010	(11) EP3228319	16.10.2008
(33) China	(21) EP17173249.8	(33) European Patent Office (EPO)
(47) 17.06.2020	(22) 25.04.2012	European Patent Office (EPO)
(51) A61K 36/889	(54) LYOPHILIZED PREPARATION OF	United States of America
A61P 1/00	CYTOTOXIC DIPEPTIDES	(47) 22.07.2020
(11) EP3049094	(73) Oncopeptides AB	(51) A61K 38/26
(21) EP14772319.1	(72) SPIRA, Jack	C07K 14/605
(22) 22.09.2014	LEHMANN, Fredrik	(11) EP3368060
(54) COCOA POLYPHENOLS AND	(74) ir. M.F.J.M. Ketelaars c.s.	(21) EP16785667.3
THEIR USE IN THE TREATMENT OR	(31) 1150371	(22) 14.10.2016
PREVENTION OF EOSINOPHILIC	201161535126 P	(54) GLUCAGON RECEPTOR AGONISTS
ESOPHAGITIS	(32) 28.04.2011	(73) Eli Lilly and Company
(73) Société des Produits Nestlé S.A.	15.09.2011	(72) COSKUN, Tamer
(72) BLANCHARD, Carine	(33) Sweden	ALSINA-FERNANDEZ, Jorge
HOLVOET, Sébastien	United States of America	(74) ir. J.C. Volmer c.s.
(74) ir. F.A. Geurts c.s.	(47) 03.06.2020	(31) 201562246199 P
(31) 13185608	(51) A61K 38/12	(32) 26.10.2015
(32) 23.09.2013	A61K 38/20	(33) United States of America
(33) European Patent Office (EPO)	A61P 3/10	(47) 24.06.2020
(47) 10.06.2020	(11) EP3443979	(51) A61K 38/37
(51) A61K 38/00	(21) EP18179669.9	A61P 7/00
A61K 38/18	(22) 09.03.2012	A61P 7/04
A61K 38/39	(54) IL-2 DOSAGE REGIMEN FOR	A61P 43/00
A61P 17/02	TREATING SYSTEMIC LUPUS	C07K 14/755
C07K 14/78	ERYTHEMATOSUS	A61K 47/59
(11) EP3294312	(73) INSERM (Institut National de la Santé et	A61K 47/60
(21) EP16793496.7	de la Recherche Médicale)	(11) EP3041513
(22) 12.05.2016	ASSISTANCE PUBLIQUE - HÔPITAUX	(21) EP14841835.3
(54) MATERIALS FOR TISSUE	DE PARIS	(22) 08.09.2014
REGENERATION	Sorbonne Université	(54) FACTOR VIII ZWITTERIONIC POLYMER
(73) Northwestern University	(72) KLATZMANN, David	CONJUGATES
(72) ZHU, Yunxiao	SAADOUN, David	(73) Kodiak Sciences Inc.
CANKOVA, Zdravka	CACOUB, Patrice	(72) CHARLES, Stephen A.
MRKSICH, Milan	ROSENZWAJG, Michèle	PERLROTH, D. Victor



SONG, Li	(73) TCR2 Therapeutics Inc.	(11) EP3243840
LINSELL, Martin	(72) BAEUERLE, Patrick	(21) EP16734927.3
TO, Wayne	SIECZKIEWICZ, Gregory	(22) 08.01.2016
BENOIT, Didier	HOFMEISTER, Robert	(54) BISPECIFIC ANTIBODY OR ANTIBODY
AGGEN, James	(74) ir. W.J.J.M. Kempes	MIXTURE WITH COMMON LIGHT
(74) ir. W.J.J.M. Kempes	(31) 201562163342 P	CHAINS
(31) 201361875099 P	(32) 18.05.2015	(73) Jiangsu Alphamab Biopharmaceuticals
(32) 08.09.2013	(33) United States of America	Co., Ltd.
(33) United States of America	(47) 05.08.2020	(72) XU, Ting
(47) 05.08.2020	(51) A61K 39/012	XU, Tao
(51) A61K 38/46	C07K 14/285	WANG, Xiaoxiao
C07K 14/37	C07K 16/12	LI, Qian
C11D 3/386	(11) EP1973933	PANG, Minjie
C12N 9/20	(21) EP07701118.7	ZHANG, Huimin
C12N 15/52	(22) 17.01.2007	HAN, Li
C12N 15/63	(54) A NOVEL SURFACE EXPOSED	ZHANG, Qingqing
(11) EP3131921	HAEMOPHILUS INFLUENZAE	(74) J.M.H. Duyver lic.
(21) EP15779292.0	PROTEIN (PROTEIN E; pE)	(31) 201510008045
(22) 13.04.2015	(73) Forsgren, Arne	(32) 08.01.2015
(54) POLYPEPTIDES WITH LIPASE	(72) RIESBECK, Kristian	(33) China
ACTIVITY AND POLYNUCLEOTIDES	(74) ir. M.F.J.M. Ketelaars c.s.	(47) 15.07.2020
ENCODING SAME	(31) 758987 P	(51) A61K 39/395
(73) Novozymes A/S	(32) 17.01.2006	C07K 16/00
(72) LI, Ming	(33) United States of America	C12N 15/10
SUN, Tianqi	(47) 24.06.2020	C12Q 1/68
JIANG, Xianzhi	(51) A61K 39/015	(11) EP3394256
HAN, Bucong	C07K 16/20	(21) EP16829315.7
HANSEN, Carsten Hoerslev	(11) EP2624861	(22) 21.12.2016
BORCH, Kim	(21) EP11770502.0	(54) A METHOD OF GENERATING AN
BAUNSGAARD, Lone	(22) 07.10.2011	ANTIBODY NAÏVE LIBRARY, SAID
(74) ir. M.F.J.M. Ketelaars c.s.	(54) MALARIA VACCINE	LIBRARY AND APPLICATION(S)
(31) PCT/CN2014/075398	(73) Genome Research Limited	THEREOF
(32) 15.04.2014	(72) WRIGHT, Gavin, J.	(73) Zumutor Biologics, Inc.
(33) World Intellectual Property Office (WIPO)	RAYNER, Julian, C.	(72) CHATTERJEE, Sohag
(47) 10.06.2020	CROSNIER, Cecile	RODRIGUES, Kavitha Iyer
(51) A61K 38/47	BUSTAMANTE, Leyla, Y.	GHOSH, Maloy
A61K 48/00	BARTHOLDSON, S. Josefin	MAITY, Sunit
C12N 9/26	(74) ir. M.F.J.M. Ketelaars c.s.	UNNIKRISHNAN, Divya
C12N 15/86	(31) 201016969	BANGALORE MUNIRAJU, Yogendra
(11) EP3143146	(32) 08.10.2010	Manjunath
(21) EP15735634.6	(33) United Kingdom	MURUGESAN, Sathyabalan
(22) 13.05.2015	(47) 13.05.2020	MUKUNDA, Pavithra
(54) ADENOASSOCIATED VIRUS	(51) A61K 39/085	PRASAD, Bhargav
VECTORS FOR THE TREATMENT OF	A61K 39/395	KAMANAGOWDA, Veerasha
LYSOSOMAL STORAGE DISORDERS	(11) EP3403669	BHATTACHARJEE, Sanghamitra
(73) Universitat Autònoma De Barcelona	(21) EP18182774.2	DAKSHINAMURTHY, Pravin Kumar
ESTEVE PHARMACEUTICALS, S.A.	(22) 19.06.2012	HALAN, Vivek
(72) BOSCH TUBERT, M Fátima	(54) METHODS OF TREATING AND	SRINIVASAN, Sankaranarayanan
HAURIGOT MENDOÇA, M Virginia	PREVENTING STAPHYLOCOCCUS	HORA, Anuradha
RIBERA SANCHEZ, Albert	AUREUS INFECTIONS AND	NATARAJAN, Bairavabalakumar
(74) ir. W.J.J.M. Kempes	ASSOCIATED CONDITIONS	NAIR, Karthika
(31) 14382171	(73) New York University	THANIGAIVEL, Aswini
(32) 14.05.2014	(72) Alonzo III, Francis	MALIWALAVE, Amol
(33) European Patent Office (EPO)	Torres, Victor J	SHENOY, Bharath Ravindra
(47) 20.05.2020	(74) dr. A. Krebs	RAO, Sahana Bhima
(51) A61K 39/00	(31) 201161498596 P	CHAKRABARTY, Subhra Prakash
C07K 14/705	(32) 19.06.2011	DUBEY, Ashvini Kumar
C07K 14/725	(33) United States of America	KHAN, Amir
C07K 16/28	(47) 15.07.2020	TIWARI, Anurag
C07K 16/30	(51) A61K 39/395	KUMAR, Santosh
C07K 19/00	A61P 35/00	PATEL, Shivani
C12N 5/0783	C07K 14/71	M, Nikitha
(11) EP3298033	C07K 16/32	(31) 6808CH2015
(21) EP16797244.7	C07K 16/46	(32) 21.12.2015
(22) 18.05.2016	C12N 15/12	(33) India
(54) COMPOSITIONS AND MEDICAL USES	C12N 15/13	(47) 13.05.2020
FOR TCR REPROGRAMMING USING	C12N 15/63	(51) A61K 39/395
FUSION PROTEINS	G01N 33/577	C07K 16/28

- (11) EP3283107  
(21) EP16718835.8  
(22) 15.04.2016  
(54) COMPOSITIONS COMPRISING A COMBINATION OF IPILIMUMAB AND NIVOLUMAB  
(73) Bristol-Myers Squibb Company  
(72) SADINENI, Vikram  
QUAN, Yong  
KASERER, Wallace  
(74) ir. H.A. Witmans c.s.  
(31) 201562149325 P  
201562265268 P  
201562269000 P  
201662303855 P  
(32) 17.04.2015  
09.12.2015  
17.12.2015  
04.03.2016  
(33) United States of America  
United States of America  
United States of America  
United States of America  
(47) 27.05.2020  
(51) A61K 47/68  
(11) EP3458102  
(21) EP17728311.6  
(22) 17.05.2017  
(54) ANTI-CMET ANTIBODY DRUG CONJUGATES AND METHODS FOR THEIR USE  
(73) AbbVie Biotherapeutics Inc.  
AbbVie Inc.  
(72) REILLY, Edward B.  
NAUMOVSKI, Louie  
ALLAN, Christian B.  
WANG, Jieyi  
ANDERSON, Mark G.  
AFAR, Daniel E.  
(74) dr. W.A.H.M. Van Borm  
(31) 201662337796 P  
(32) 17.05.2016  
(33) United States of America  
(47) 17.06.2020  
(51) A61K 48/00  
A61P 3/00  
A61P 3/10  
(11) EP3292875  
(21) EP17184780.9  
(22) 19.06.2013  
(54) COMPOSITIONS AND METHODS FOR TREATING DISEASES  
(73) University of Florida Research Foundation, Inc.  
(72) Byrne, Barry, John  
Falk, Darin, J.  
Pacak, Christina  
Deruisseau, Lara, Robert  
Mah, Cathryn  
Fuller, David, D.  
(74) dr. W.A.H.M. Van Borm  
(31) 201213527350  
(32) 19.06.2012  
(33) United States of America  
(47) 27.05.2020  
(51) A61K 49/10  
C07D 257/02  
(11) EP3519394  
(21) EP17768733.2  
(22) 11.09.2017  
(54) METHOD FOR PRODUCING THE CRYSTALLINE FORM OF MODIFICATION A OF CALCOBUTROL  
(73) Bayer Pharma Aktiengesellschaft  
(72) PLATZEK, Johannes  
TRENTMANN, Wilhelm  
(74) ir. W.J.J.M. Kempes  
(31) 16190812  
(32) 27.09.2016  
(33) European Patent Office (EPO)  
(47) 27.05.2020  
(51) A61K 49/10  
C07F 13/00  
(11) EP3558394  
(21) EP17822298.0  
(22) 21.12.2017  
(54) TETRAAZABICYCLO-MACROCYCLE BASED MANGANESE CHELATE COMPOUNDS SUITABLE AS MRI IMAGING AGENTS  
(73) GE Healthcare AS  
(72) MEIJER, Andreas Richard  
THANING, Mikkel Jacob  
BALES, Brian Christopher  
RISHEL, Michael James  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 201662437082 P  
(32) 21.12.2016  
(33) United States of America  
(47) 03.06.2020  
(51) A61L 2/18  
A61L 11/00  
B09B 3/00  
B09B 5/00  
B29B 17/02  
B29B 17/04  
C08J 11/10  
C08J 11/16  
D21B 1/32  
D21C 5/02  
(11) EP3199254  
(21) EP15845324.1  
(22) 07.08.2015  
(54) METHOD FOR RECOVERING PULP FIBER FROM USED SANITARY PRODUCT AND RECYCLED PULP OBTAINED THEREBY  
(73) Unicharm Corporation  
(72) KONISHI, Takayoshi  
HIRAOKA, Toshio  
KAMEDA, Noritomo  
ICHIURA, Hideaki  
NAKAOKA, Hiroko  
(74) J.M.H. Duyver lic.  
(31) 2014193074  
(32) 22.09.2014  
(33) Japan  
(47) 22.07.2020  
(51) A61L 15/58  
(11) EP3442607  
(21) EP17720333.8  
(22) 11.04.2017  
(54) SILICONE FREE PRODUCTS WITH EQUIVALENT ADHESION AND SILICONE-LIKE LOW TRAUMA SKIN CONTACT PROPERTIES  
(73) Lohmann Corporation  
(72) CARR, Jan  
SCHUETTE, Mario  
SHORT, Austin  
HOFFMANN, Gregg  
(74) ir. F.A. Geurts c.s.  
(31) 201662320781 P  
(32) 11.04.2016  
(33) United States of America  
(47) 03.06.2020  
(51) A61L 27/10  
A61L 27/40  
A61L 27/56  
(11) EP2771041  
(21) EP12783472.9  
(22) 24.10.2012  
(54) COMPOSITIONS AND THEIR USE IN BONE HEALING  
(73) Synergy Biomedical LLC  
(72) BORDEN, Mark, D.  
(74) ir. F.A. Geurts c.s.  
(31) 201161550706 P  
(32) 24.10.2011  
(33) United States of America  
(47) 20.05.2020  
(51) A61L 31/04  
A61L 31/10  
A61L 31/14  
(11) EP3294361  
(21) EP16726187.4  
(22) 17.05.2016  
(54) AN URETERAL STENT, METHODS AND USES THEREOF  
(73) Association for the Advancement of Tissue Engineering and Cell based Technologies & Therapies (A4TEC) - Associação  
(72) GONÇALVES DOS REIS, Rui Luis  
CRUZ DUARTE, Ana Rita  
ANTUNES BARROS, Alexandre António  
RODRIGUES DE LIMA, Estêvão Augusto  
RIBEIRO OLIVEIRA, Carlos André  
NUNES CORREIA PINTO, Jorge Manuel  
(74) P.J. Pollard B.Eng  
(31) 2015108476  
15169249  
2016109122  
(32) 14.05.2015  
26.05.2015  
29.01.2016  
(33) Portugal  
European Patent Office (EPO)  
Portugal  
(47) 20.05.2020  
(51) A61M 1/02  
(11) EP3233149  
(21) EP15828763.1  
(22) 16.12.2015  
(54) METHOD FOR FILLING CONTAINERS WITH FRESH BLOOD COMPONENTS  
(73) BIOMED DEVICE S.r.l.  
(72) BERTONI, Marco  
(74) dr. A. Ellens c.s.  
(31) MO20140360  
(32) 16.12.2014  
(33) Italy  
(47) 03.06.2020

(51) A61M 5/00 G16H 10/65 G16H 20/13	(51) A61M 15/00 (11) EP3478349 (21) EP17735100.4	(22) 25.04.2003 (54) Disposable steam sterilisable medical valve
(11) EP3497598 (21) EP17748514.1 (22) 09.08.2017	(22) 03.07.2017 (54) DEVICE FOR DISPENSING AN AIR-DISCHARGEABLE SUBSTANCE	(73) EMD Millipore Corporation (72) Proulx, Stephen Almasian, Joseph Renganath, Naren Tingley, Stephen Morrissey, Martin
(54) SAFETY APPARATUS AND METHOD TO TRACE, CONTROL AND MONITOR THE ADMINISTRATION OF MEDICAL SUBSTANCES	(73) Von Schuckmann, Alfred (72) Von Schuckmann, Alfred (74) ir. F.A. Geurts c.s.	(74) ir. F.A. Geurts c.s.
(73) Murata ID Solutions S.r.l. (72) FANTONI GUERCI, Francesco (74) ir. J.C. Volmer c.s.	(31) 102016008015 102016119789 (32) 04.07.2016 18.10.2016	(31) 375747 P (32) 26.04.2002 (33) United States of America (47) 03.06.2020
(31) 201600083934 (32) 09.08.2016 (33) Italy (47) 27.05.2020	(33) Germany Germany (47) 10.06.2020	<hr/>
(51) A61M 5/158 A61M 5/168 A61M 39/24 A61M 39/26	(51) A61M 15/00 A61M 15/06 A24F 47/00	(51) A61M 39/10 A61M 39/18 A61M 39/26 F16L 37/36
(11) EP3368103 (21) EP16728325.8 (22) 10.06.2016	(11) EP3407946 (21) EP17701333.1 (22) 25.01.2017	(11) EP3381505 (21) EP17202122.2 (22) 07.09.2012
(54) DEVICE FOR LIMITING THE INJECTION PRESSURE OF A MEDICAL INSTRUMENT FOR INTRODUCING A FLUID	(54) CARTRIDGE ASSEMBLY WITH HELICOIDAL ACTIVATION	(54) MEDICAL CONNECTORS WITH FLUID-RESISTANT MATING INTERFACES
(73) Pajunk GmbH Medizintechnologie (72) CAPDEVILA, Xavier CHOQUET, Olivier DESAI, Siddharth	(73) Philip Morris Products S.A. (72) SAYGILI, Ali Murat (74) dr. W.A.H.M. Van Borm (31) 16152639 (32) 25.01.2016 (33) European Patent Office (EPO) (47) 22.07.2020	(73) ICU Medical, Inc. (72) FANGROW, Thomas F (74) ir. M.F.J.M. Ketelaars c.s. (31) 201161533138 P 201161557793 P 201161579582 P 201261607429 P 201261692516 P
(74) mr. ir. J. van Breda c.s. (31) 201562285447 P (32) 30.10.2015 (33) United States of America (47) 15.07.2020	(31) 16152639 (32) 25.01.2016 (33) European Patent Office (EPO) (47) 22.07.2020	(31) 201161533138 P 201161557793 P 201161579582 P 201261607429 P 201261692516 P
(51) A61M 11/04 (11) EP3117859 (21) EP16183643.2 (22) 11.10.2010	(51) A61M 15/00 A61M 15/08 (11) EP3220989 (21) EP15798061.6 (22) 19.11.2015	(32) 09.09.2011 09.11.2011 22.12.2011 06.03.2012 23.08.2012
(54) AEROSOL GENERATOR INCLUDING MULTI-COMPONENT WICK	(54) INTRANASAL ADMINISTRATION	(33) United States of America United States of America United States of America United States of America United States of America
(73) Philip Morris Products S.A. (72) YANG, Zuyin WRENN, Susan E. (74) dr. W.A.H.M. Van Borm (31) 576951 (32) 09.10.2009 (33) United States of America (47) 15.07.2020	(73) Optinose AS (72) DJUPESLAND, Per Gisle SHELDRAKE, Colin David (74) J.M.H. Duyver lic. (31) 201462081742 P (32) 19.11.2014 (33) United States of America (47) 24.06.2020	(47) 27.05.2020
(51) A61M 11/04 A61M 15/06 A24F 47/00	(51) A61M 25/00 A61M 25/01 (11) EP3261700 (21) EP16703023.8 (22) 21.01.2016	(47) 27.05.2020
(11) EP3383460 (21) EP16802118.6 (22) 30.11.2016	(54) URINARY CATHETER ASSEMBLIES WITH FUNNEL-MOUNTED GRIPPING MEMBER	(51) A61M 39/10 F16L 23/00 F16L 23/04 F16L 35/00 F16L 37/12
(54) NON-COMBUSTIBLE SMOKING DEVICE AND ELEMENTS THEREOF	(73) Hollister Incorporated (72) KEARNS, Barbara, J. (74) ir. W.J.J.M. Kempes (31) 201562121542 P (32) 27.02.2015 (33) United States of America (47) 29.07.2020	(11) EP3446020 (21) EP17725720.1 (22) 20.04.2017 (54) AN ASSEMBLY COMPRISING A CLAMP AND A TAMPER-EVIDENT COVER
(73) Philip Morris Products S.A. (72) KARLES, Georgios D LI, San RAGLAND, Ben (74) dr. W.A.H.M. Van Borm (31) 201562260761 P (32) 30.11.2015 (33) United States of America (47) 15.07.2020	(31) 201462081742 P (32) 19.11.2014 (33) United States of America (47) 24.06.2020	(73) Bio Pure Technology Limited (72) WHITE, Nick SILLITOE, Chris (74) ir. W.J.J.M. Kempes (31) 201606951 201620014 (32) 21.04.2016 25.11.2016
	(51) A61M 39/10 A61M 39/16 A61M 39/22 F16K 13/00 F16K 15/18 F16L 37/00 (11) EP2292297 (21) EP10179151.5	(33) United Kingdom United Kingdom (47) 10.06.2020
		(51) A61N 1/36 (11) EP3065818 (21) EP14859074.8 (22) 04.11.2014

(54) DEVICE FOR THE TREATMENT OF CENTRAL NERVOUS SYSTEM CONDITIONS USING SENSORY STIMULUS	(33) United States of America (47) 20.05.2020	European Patent Office (EPO) United States of America (47) 27.05.2020
(73) Phoenix NeuroStim Therapeutics, LLC	(51) A61P 29/00	(51) A62C 3/06
(72) METZGER, Steven	(11) EP2328553	A62C 3/16
(74) ir. W.J.J.M. Kempes	(21) EP08876449.3	H02G 3/04
(31) 201361899471 P	(22) 12.11.2008	H02G 3/06
(32) 04.11.2013	(54) CORTICOSTEROIDS FOR THE TREATMENT OF	(11) EP3467977
(33) United States of America	INFLAMMATORY DISEASES OF THE	(21) EP18193648.5
(47) 27.05.2020	GASTROINTESTINAL TRACT	(22) 11.09.2018
(51) A61N 1/36	(73) The Regents of the University of California	(54) FIRE-PROTECTED CHANNEL SEAL AND LINE-GUIDING CHANNEL ARRANGEMENT DESIGNED AS FIRE PROTECTED CHANNEL
H04R 1/10	(72) DOHIL, Ranjan	(73) OBO Bettermann Produktion Deutschland GmbH & Co.KG
H04R 5/033	BASTIAN, John	(72) Fobbe, Stephan
H04R 25/00	ACEVES, Seema	(74) dr. W.A.H.M. Van Borm
(11) EP3229496	PHILLIPS, Elaine	(31) 202017106070 U
(21) EP17165255.5	HILL, Malcolm	(32) 06.10.2017
(22) 06.04.2017	(74) dr. A. Krebs	(33) Germany
(54) HEARING DEVICE WITH NEURAL NETWORK-BASED MICROPHONE SIGNAL PROCESSING	(31) 90572 P	(47) 08.07.2020
(73) Starkey Laboratories, Inc.	(32) 20.08.2008	(51) A63F 13/211
(72) XU, Buye	20.08.2008	A63F 13/213
MERKS, Ivo	(33) United States of America	A63F 13/24
MUSTIERE, Frederic Philippe Denis	United States of America	(11) EP2022039
(74) dr. W.A.H.M. Van Borm	(47) 10.06.2020	(21) EP07761296.8
(31) 201615092489	(51) A61P 35/00	(22) 25.04.2007
(32) 06.04.2016	A61K 47/68	(54) SCHEME FOR DETECTING AND TRACKING USER MANIPULATION OF A GAME CONTROLLER BODY AND FOR TRANSLATING MOVEMENTS THEREOF INTO INPUTS AND GAME COMMANDS
(33) United States of America	(11) EP3458100	(73) Sony Computer Entertainment America LLC
(47) 24.06.2020	(21) EP17705364.2	(72) ZALEWSKI, Gary M.
(51) A61P 1/14	(22) 13.02.2017	MARKS, Richard
C12C 5/00	(54) SELECTIVE REDUCTION OF CYSTEINE-ENGINEERED ANTIBODIES	MAO, Xiadong
C12C 7/04	(73) Byondis B.V	(74) ir. W.J.J.M. Kempes
C12C 11/00	(72) COUMANS, Rudy Gerardus Elisabeth	(31) 381721
C12N 9/24	SPIJKER, Henri Johannes	381728
C12P 19/14	(74) ir. M.F.J.M. Ketelaars c.s.	381725
A23K 10/30	(31) 16155481	381727
A23K 10/38	16206761	381724
A23K 20/189	(32) 12.02.2016	381729
(11) EP3099791	23.12.2016	418988
(21) EP15702249.2	(33) European Patent Office (EPO)	429133
(22) 30.01.2015	European Patent Office (EPO)	429047
(54) PROTEIN	(47) 01.07.2020	418989
(73) DuPont Nutrition Biosciences ApS	(51) A61P 35/00	429414
(72) LORENTSEN, Rikke Hoeegh	C07K 16/28	382037
ARENT LUND, Susan	(11) EP3484925	382034
NIKOLAEV, Igor	(21) EP18750302.4	382033
HENDRIK A VAN TUIJL, Jan	(22) 26.07.2018	382031
KOOPS, Bart	(54) ANTI-TIGIT ANTIBODIES	382032
(74) ir. H.A. Witmans c.s.	(73) iTeos Therapeutics SA	382038
(31) 201401648	(72) COOPER, Anthony	382035
(32) 31.01.2014	QUEVA, Christophe	798031 P
(33) United Kingdom	DENIES, Sofie	259349
(47) 20.05.2020	HOOFD, Catherine	259350
(51) A61P 25/00	CUENDE, Julia	259348
C12N 5/073	DRIESENS, Gregory	382039
A61K 35/50	LAMBOLEZ, Florence	382040
(11) EP2329012	(74) ir. M.F.J.M. Ketelaars c.s.	382041
(21) EP09789173.3	(31) 201762606159 P	382043
(22) 20.08.2009	201705535	382039
(54) TREATMENT OF STROKE USING ISOLATED PLACENTAL CELLS	17184102	
(73) Celularity, Inc.	201862660640 P	
(72) ZEITLIN, Andy	(32) 27.07.2017	
PAL, Ajai	31.07.2017	
(74) ir. M.F.J.M. Ketelaars c.s.	31.07.2017	
(31) 90565 P	20.04.2018	
(32) 20.08.2008	(33) United States of America	
	Belgium	

382251	(33) United States of America	(73) San Jorge Tecnologicas, S.L.
430594	United States of America	(72) Del Álamo Lobo, María del Pilar
430593	United States of America	Sanchez Garcia Casarrubios, Juan
382259	United States of America	(74) ir. F.A. Geurts c.s.
382258	United States of America	(47) 03.06.2020
382252	United States of America	(51) B01D 11/04
382256	United States of America	B01J 3/00
382250	United States of America	C07C 4/04
246744	United States of America	C07C 7/00
246743	United States of America	C07C 7/10
246767	United States of America	C10B 57/00
246768	United States of America	C10G 9/00
246763	United States of America	C10G 21/00
246759	United States of America	C10G 21/14
246765	United States of America	C10G 31/06
246766	United States of America	C10G 31/08
246764	United States of America	C10G 31/10
246762	United States of America	C10G 33/00
382699	United States of America	C10G 45/26
624637	United States of America	C10G 47/32
(32) 04.05.2006	United States of America	C10G 49/00
04.05.2006	United States of America	C10G 55/04
04.05.2006	United States of America	C10G 67/04
04.05.2006	United States of America	C10G 69/06
04.05.2006	United States of America	C10L 5/00
04.05.2006	United States of America	C10L 9/08
04.05.2006	United States of America	(11) EP3390579
04.05.2006	United States of America	(21) EP16829162.3
04.05.2006	United States of America	(22) 13.12.2016
04.05.2006	United States of America	(54) SUPERCRITICAL WATER UPGRADING
04.05.2006	United States of America	PROCESS TO PRODUCE HIGH GRADE
06.05.2006	United States of America	COKE
06.05.2006	United States of America	(73) Saudi Arabian Oil Company
06.05.2006	United States of America	(72) CHOI, Ki-Hyouk
06.05.2006	United States of America	ALABDULLAH, Mohammad A.
06.05.2006	United States of America	AL-SHAFEI, Emad N.
06.05.2006	United States of America	ALANZI, Massad S.
06.05.2006	United States of America	ALOTAIBI, Bandar K.
06.05.2006	United States of America	ALSOLAMI, Bandar H.
06.05.2006	United States of America	ALSOMALI, Ali M.
06.05.2006	United States of America	(74) ir. W.J.J.M. Kempes
06.05.2006	United States of America	(31) 201562267404 P
06.05.2006	United States of America	(32) 15.12.2015
06.05.2006	United States of America	(33) United States of America
07.05.2006	United States of America	(47) 01.07.2020
07.05.2006	United States of America	(51) B01D 11/04
07.05.2006	United States of America	C07C 51/48
07.05.2006	United States of America	C07C 55/10
07.05.2006	United States of America	C07C 57/13
08.05.2006	(47) 03.06.2020	C07C 57/15
08.05.2006	(51) A63F 13/30	C12P 7/00
08.05.2006	A63F 13/40	(11) EP2794545
08.05.2006	A63F 13/50	(21) EP12813011.9
08.05.2006	(11) EP2853299	(22) 21.12.2012
08.05.2006	(21) EP14191174.3	(54) POLYCARBOXYLIC ACID EXTRACTION
08.05.2006	(22) 29.09.2011	(73) Purac Biochem bv
08.05.2006	(54) Game assistance system and method	(72) DE HAAN, André, Banier
08.05.2006	(73) Sony Interactive Entertainment Europe	VAN KRIEKEN, Jan
08.05.2006	Limited	ĐEKIC ZIVKOVIĆ, Tanja
08.05.2006	(72) Green, Mark Denzil	(74) ir. A.R. Aalbers
08.05.2006	Ealey, Douglas Ralph	(31) 11195691
08.05.2006	(74) ir. W.J.J.M. Kempes	201161579730 P
08.05.2006	(47) 22.07.2020	(32) 23.12.2011
08.05.2006	(51) A63H 29/16	23.12.2011
08.05.2006	B64C 39/02	(33) European Patent Office (EPO)
08.05.2006	(11) EP3056427	United States of America
08.05.2006	(21) EP15382059.2	(47) 03.06.2020
10.05.2006	(22) 12.02.2015	(51) B01D 15/34
18.01.2007	(54) Pneumatic drone	

- B01D 15/42  
C12N 1/02  
(11) EP2702147  
(21) EP12776970.1  
(22) 27.04.2012  
(54) METHODS OF PURIFYING VIRUSES USING GEL PERMEATION CHROMATOGRAPHY  
(73) Oncolytics Biotech Inc.  
(72) COFFEY, Matthew C.  
HAGERMAN, Allison  
KAPADIA, Roxna  
SERL, Sarah  
(74) ir. C.G.C. Veldman-Dijkers  
(31) 201161480561 P  
(32) 29.04.2011  
(33) United States of America  
(47) 15.07.2020
- 
- (51) B01D 25/21  
B01D 29/05  
B01D 33/067  
B01D 33/21  
B01D 33/23  
B01D 33/82  
(11) EP3313547  
(21) EP16730412.0  
(22) 21.06.2016  
(54) FILTER PANEL WITH STRUCTURES SUPPORT GRID AND DRUM FILTER WITH SAID FILTER PANEL  
(73) Veolia Water Solutions & Technologies Support  
(72) THYSELL, Filip  
SVENSSON, Emil  
SVENSSON, Kjell-Åke  
LARSSON, Per  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 1550862  
(32) 23.06.2015  
(33) Sweden  
(47) 17.06.2020
- 
- (51) B01D 33/21  
B01D 33/50  
(11) EP1961475  
(21) EP07102789.0  
(22) 21.02.2007  
(54) HIGH PRESSURE CLEANING DEVICE  
(73) Veolia Water Solutions & Technologies Support  
(72) Ralvert, Åke  
(74) ir. M.F.J.M. Ketelaars c.s.  
(47) 17.06.2020
- 
- (51) B01D 35/00  
B67D 1/00  
B67D 1/08  
B67D 1/12  
B67D 3/00  
C02F 1/00  
(11) EP3015419  
(21) EP13887849.1  
(22) 28.11.2013  
(54) AUTOMATIC EXTRACTION DEVICE AND METHOD FOR CONTROLLING AUTOMATIC EXTRACTION  
(73) Coway Co., Ltd.  
(72) KA, Jin-Seong  
KIM, Ki-Chul  
PARK, Su-Yong
- (74) ir. M.F.J.M. Ketelaars c.s.  
(31) 20130073570  
(32) 26.06.2013  
(33) Korea (Republic)  
(47) 08.07.2020
- 
- (51) B01D 39/16  
B01D 41/02  
B01D 46/00  
B01D 46/02  
B01D 46/04  
B01D 53/54  
B01D 53/88  
B01J 20/02  
B08B 3/04  
(11) EP2772293  
(21) EP13157424.6  
(22) 01.03.2013  
(54) Textile Filter System and method for regenerating a textile filter  
(73) W.L. Gore & Associates GmbH  
W. L. Gore & Associates, Inc.  
(72) EBERT, Johannes  
GEBERT, Richard  
HARDWICK, Steve  
SHERMAN, Tim  
(74) ir. W.J.J.M. Kempes  
(47) 03.06.2020
- 
- (51) B01D 53/26  
H02K 9/04  
F03D 80/60  
(11) EP3482815  
(21) EP17200636.3  
(22) 08.11.2017  
(54) OPERATING A WIND TURBINE GENERATOR COOLING SYSTEM  
(73) Siemens Gamesa Renewable Energy A/ S  
(72) Groenheden, Ebbe  
(74) ir. M.F.J.M. Ketelaars c.s.  
(47) 17.06.2020
- 
- (51) B01D 53/94  
B01J 23/44  
B01J 37/02  
F01N 3/10  
(11) EP2882523  
(21) EP13770986.1  
(22) 28.08.2013  
(54) DIESEL OXIDATION CATALYST COMPOSITES  
(73) BASF Corporation  
(72) SUNG, Shiang  
ROTH, Stanley A.  
WENDT, Claudia  
STIEBELS, Susanne  
DOERING, Helke  
(74) dr. W.A.H.M. Van Borm  
(31) 201213571996  
(32) 10.08.2012  
(33) United States of America  
(47) 27.05.2020
- 
- (51) B01D 61/02  
B01D 69/14  
B01D 71/70  
C11B 9/02  
(11) EP2846900  
(21) EP13711664.6  
(22) 20.03.2013
- (54) MEMBRANE-BASED PROCESSES FOR SELECTIVELY FRACTIONATING ESSENTIAL OILS  
(73) Evonik Operations GmbH  
(72) WU, Xiaoping  
BOAM, Andrew  
MENICONI, Andrea  
(74) ir. W.J.J.M. Kempes  
(31) 12166953  
(32) 07.05.2012  
(33) European Patent Office (EPO)  
(47) 27.05.2020
- 
- (51) B01D 61/14  
B01D 61/18  
B01D 61/22  
B01D 63/02  
B01D 65/02  
C02F 1/44  
(11) EP3487607  
(21) EP17742687.1  
(22) 11.07.2017  
(54) METHOD OF FILTRATION AND BACKWASHING USING HOLLOW FIBRE MEMBRANE ELEMENTS  
(73) BP Exploration Operating Company Limited  
(72) CROUCH, John Henry  
LOMAX, James  
WILLIAMS, John Dale  
(74) ir. F.A. Geurts c.s.  
(31) 201612680  
(32) 21.07.2016  
(33) United Kingdom  
(47) 03.06.2020
- 
- (51) B01D 61/14  
B01D 61/18  
B01D 63/08  
B01D 65/02  
C07K 1/34  
(11) EP2957335  
(21) EP15172144.6  
(22) 15.06.2015  
(54) SINGLE-PASS FILTRATION SYSTEMS AND PROCESSES  
(73) EMD Millipore Corporation  
(72) Lutz, Herbert  
Parrella, Joseph  
Raghunath, Bala  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 201462012792 P  
(32) 16.06.2014  
(33) United States of America  
(47) 27.05.2020
- 
- (51) B01D 65/08  
B01D 67/00  
B01D 69/02  
B01D 71/10  
B01D 71/34  
B01D 71/68  
B29K 105/04  
B29C 48/08  
B29C 48/154  
B29C 48/21  
(11) EP2604329  
(21) EP12195945.6  
(22) 06.12.2012  
(54) Membrane with localized asymmetries  
(73) Pall Corporation

- (72) Larue, Geoffrey Patrick  
Wu, Xiaosong  
Smith, Martin
- (74) ir. H.J.G. Lips c.s.  
(31) 201161569993 P  
201213680155  
(32) 13.12.2011  
19.11.2012  
(33) United States of America  
United States of America  
(47) 08.07.2020
- (51) B01D 67/00  
C25F 3/00  
C25F 3/14  
(11) EP3470554  
(21) EP18189708.3  
(22) 14.03.2014  
(54) FABRICATION OF NANOPORES IN  
ATOMICALLY-THIN MEMBRANES BY  
ULTRA-SHORT ELECTRICAL PULSING  
(73) President and Fellows of Harvard  
College  
(72) GOLOVCHENKO, Jene, A.  
LU, Bo  
KUAN, Aaron, T.  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 201361790089 P  
(32) 15.03.2013  
(33) United States of America  
(47) 27.05.2020
- (51) B01D 69/02  
B01D 71/08  
B01D 71/10  
B01D 71/12  
B01D 71/52  
B01D 71/68  
B01D 71/80  
(11) EP2977100  
(21) EP15173210.4  
(22) 22.06.2015  
(54) MEMBRANES COMPRISING  
CELLULOSIC MATERIAL AND  
HYDROPHILIC BLOCK COPOLYMER  
(73) Pall Corporation  
(72) XIAO, Lixiang  
AIT-HADDOU, Hassan  
ONYEMAUWA, Frank Okezie  
(74) ir. H.J.G. Lips c.s.  
(31) 201414320437  
(32) 30.06.2014  
(33) United States of America  
(47) 29.07.2020
- (51) B01F 3/04  
B01F 5/04  
B03D 1/24  
D21B 1/32  
(11) EP3183052  
(21) EP15784553.8  
(22) 14.08.2015  
(54) METHOD AND DEVICE FOR  
CLEANING FIBER SUSPENSIONS BY  
MEANS OF FLOTATION  
(73) RITHCO Papertec GmbH  
(72) MENNE, Ralf  
RITTER, Andreas  
MAMAT, Oliver  
(74) ir. W.J.J.M. Kempes  
(31) 102014012666
- (32) 22.08.2014  
(33) Germany  
(47) 03.06.2020
- (51) B01F 3/04  
B01F 15/00  
(11) EP3062919  
(21) EP14856842.1  
(22) 03.10.2014  
(54) MODULAR AERATION DEVICE AND  
METHOD  
(73) EMD Millipore Corporation  
(72) WOOD, Amy  
KRAUS, Dave  
HANSEN, Anne  
DER, Kara  
MCSWEENEY, James  
(74) ir. H.A. Witmans c.s.  
(31) 201361897246 P  
(32) 30.10.2013  
(33) United States of America  
(47) 17.06.2020
- (51) B01F 7/00  
(11) EP3439774  
(21) EP17715454.9  
(22) 03.04.2017  
(54) MIXING SHAFT  
(73) Maschinenfabrik Gustav Eirich GmbH &  
Co. KG  
(72) SEILER, Andreas  
BECHTOLD, Matthias  
DÖRR, Martin  
LUKSCHE, Christian  
(74) ir. H.J.G. Lips c.s.  
(31) 102016106536  
202016106597 U  
(32) 08.04.2016  
25.11.2016  
(33) Germany  
Germany  
(47) 05.08.2020
- (51) B01F 7/16  
B01F 7/30  
B07B 7/083  
B22C 5/04  
B22C 5/08  
B22C 5/18  
(11) EP3274112  
(21) EP16710969.3  
(22) 18.03.2016  
(54) MOLDING SAND COOLER  
(73) Maschinenfabrik Gustav Eirich GmbH &  
Co. KG  
(72) SEILER, Andreas  
GERL, Stefan  
LI, Feng  
(74) ir. H.J.G. Lips c.s.  
(31) 102015104340  
(32) 23.03.2015  
(33) Germany  
(47) 15.07.2020
- (51) B01F 9/00  
B01F 13/08  
G01N 1/38  
(11) EP3482822  
(21) EP18205100.3  
(22) 08.11.2018
- (54) AGITATION DEVICE, AGITATION  
SYSTEM AND METHOD FOR  
AGITATION  
(73) MWT Mikrowellen Labor Technik AG  
(72) Lautenschläger, Werner  
Lautenschläger, Jens  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 202017106756 U  
(32) 08.11.2017  
(33) Germany  
(47) 20.05.2020
- (51) B01F 11/00  
B01F 15/02  
B01L 3/00  
B01L 7/00  
C12M 1/34  
G01N 1/38  
C12Q 1/68  
(11) EP3216855  
(21) EP17164233.3  
(22) 18.10.2006  
(54) CASSETTE FOR SAMPLE  
PREPARATION  
(73) Luminex Corporation  
(72) CHING, Jesus  
HU, David Hsiang  
YU, Steve Jia Chang  
LEE, Phillip You Fai  
(74) ir. A. Blokland c.s.  
(31) 728569 P  
753622 P  
753618 P  
582651  
(32) 19.10.2005  
22.12.2005  
22.12.2005  
17.10.2006  
(33) United States of America  
United States of America  
United States of America  
United States of America  
(47) 08.07.2020
- (51) B01F 15/02  
B01J 19/00  
C08J 3/20  
C08L 83/04  
C09D 5/34  
C09D 183/06  
C09D 183/08  
(11) EP3448922  
(21) EP17726995.8  
(22) 26.04.2017  
(54) PRODUCTION OF MOISTURE-  
SENSITIVE PRODUCTS WITH  
PRESSURE CHANGES  
(73) Soudal  
(72) GEBOES, Peter  
LOOS, Luc  
BELIEN, Ulric  
LAURENT, Bob  
VAN DEN PLAS, Dave  
DE BACKER, Evelien  
(74) J.M.H. Duyver lic.  
(31) 201605294  
(32) 28.04.2016  
(33) Belgium  
(47) 20.05.2020
- (51) B01J 2/00

B01J 2/20	(54) DESULFURIZATION SYSTEM WITH NOVEL SORBENT TRANSFER MECHANISM	Quandt, Thomas Reinsdorf, Arne
B24D 3/00	(73) China Petroleum&Chemical Corporation	(74) ir. W.J.J.M. Kempes
B24D 11/00	(72) THOMPSON, Max, W.	(31) 16197935
C04B 35/111	JAZAYERI, Behzad	(32) 09.11.2016
C09K 3/14	ZAPATA, Robert	(33) European Patent Office (EPO)
(11) EP3307483	HERNANDEZ, Manuel	(47) 20.05.2020
(21) EP16808286.5	(74) ir. M.F.J.M. Ketelaars c.s.	(51) B01J 23/75
(22) 09.06.2016	(31) 370488 P	B01J 35/04
(54) ABRASIVE ARTICLE INCLUDING SHAPED ABRASIVE PARTICLES	120700	B01J 35/10
(73) Saint-Gobain Ceramics&Plastics, Inc.	(32) 04.04.2002	B01J 37/00
(72) BAUER, Ralph	11.04.2002	B01J 37/02
CZEREPINSKI, Jennifer H.	(33) United States of America	B01J 37/08
FRAICHARD, Lucie	United States of America	B22F 3/00
FREMY, Flavien	(47) 20.05.2020	C22C 19/07
JIA, Jun	(51) B01J 19/12	(11) EP2944378
JOSSEAU, Frederic	C07B 31/00	(21) EP15167122.9
LOUAPRE, David F.	C08C 19/00	(22) 11.05.2015
MARLIN, Samuel S.	(11) EP2729432	(54) CATALYTICALLY ACTIVE POROUS ELEMENT AND METHOD FOR MANUFACTURING THE SAME
YENER, Doruk O.	(21) EP12792766.3	(73) GLATT GMBH
(74) dr. W.A.H.M. Van Borm	(22) 01.06.2012	(72) Waag, Ulf
(31) 201562174304 P	(54) APPARATUS FOR THE CONTROLLED REDUCTION OF ORGANIC MATERIAL VIA MICROWAVE RADIATION	Reger-Wagner, Norman
(32) 11.06.2015	(73) Environmental Waste International, Inc.	(74) J.M.H. Duyver lic.
(33) United States of America	(72) KANTOR, Steven L.	(31) 102014209216
(47) 17.06.2020	SIMMS, Stephen, P.	(32) 15.05.2014
(51) B01J 3/00	(74) mr.ir. F.N. Ferro	(33) Germany
C02F 11/08	(31) 2741882	(47) 17.06.2020
C12M 1/00	(32) 01.06.2011	(51) B01L 3/00
(11) EP3209789	(33) Canada	B01L 9/00
(21) EP15790186.9	(47) 27.05.2020	G01N 21/25
(22) 21.10.2015	(51) B01J 20/04	G01N 21/64
(54) BIOPROCESS FOR COPRODUCTION OF ETHANOL AND MYCOPROTEINS	B01J 20/08	G01N 21/69
(73) University of Strathclyde	B01J 20/10	G01N 21/76
(72) FAZENDA, Mariana	B01J 20/22	G01N 35/04
JOHNSTON, Craig	B01J 20/26	(11) EP2423673
MCNEIL, Brian	B01J 20/32	(21) EP11185684.5
(74) J.M.H. Duyver lic.	C12Q 1/04	(22) 28.06.2002
(31) 201418739	G01N 31/22	(54) Apparatus for measuring luminescence from a multi-well assay plate having a plurality of wells, method of measuring luminescence using the apparatus and system comprising the apparatus
(32) 22.10.2014	(11) EP3176577	(73) Meso Scale Technologies LLC
(33) United Kingdom	(21) EP15197635.4	(72) Wohlstadter, Jacob, N.
(47) 27.05.2020	(22) 02.12.2015	Fischer, Alan, B.
(51) B01J 4/00	(54) HUMIDITY INDICATING COMPOSITION	Wilbur, James, L.
B01J 8/02	(73) Belisarius B.V.	Sigal, George
B01J 8/20	(72) VAN LOON, Sander	Glezer, Eli
(11) EP3507003	GUTIERREZ, Alejandro	Johnson, Kent
(21) EP17768873.6	LE MOUÉE, Gwenola	Jeffrey-coker, Bandele
(22) 31.08.2017	VERSCHUUR, Marco	Kishbaugh, Alan
(54) METHOD FOR PRODUCING DIHYDROXY COMPOUNDS	(74) drs. J. Renkema	Clinton, Charles
(73) SABIC Global Technologies B.V.	(47) 20.05.2020	Debad, Jeff, D.
(72) DALIPARTHI, Surya Prakasa Rao	(51) B01J 21/08	(74) ir. F.A. Geurts c.s.
EIJSBOUTS, Paulus Johannes Maria	B01J 23/72	(31) 301932 P
(74) ir. W.J.J.M. Kempes	C07C 29/141	(32) 29.06.2001
(31) 16187242	C07C 31/125	(33) United States of America
(32) 05.09.2016	(11) EP3320969	(47) 05.08.2020
(33) European Patent Office (EPO)	(21) EP17200457.4	(51) B01L 3/00
(47) 03.06.2020	(22) 07.11.2017	G01N 33/49
(51) B01J 8/18	(54) CHROMIUM AND NICKEL-FREE HYDROGENATION OF HYDROFORMYLATION MIXTURES	G01N 33/86
B01J 38/04	(73) Evonik Operations GmbH	(11) EP2352025
B01J 38/10	(72) Klasovsky, Florian	(21) EP09806724.2
B01J 38/12	Franke, Robert	(22) 11.08.2009
C10G 29/00	Geilen, Frank	(54) BLOOD-PLATELET TEST METHOD
C10G 29/04	Jess, Andreas	(73) FUJIMORI KOGYO CO., LTD.
(11) EP1499433	Korth, Wolfgang	
(21) EP03711223.2		
(22) 24.02.2003		



(72) HOSOKAWA, Kazuya FUKASAWA, Masashi GONDA, Maki	(54) METHOD FOR TREATING A SURFACE AND CORRESPONDING AUTOMATED DEVICE	Askin, Albert L. (74) ir. F.A. Geurts c.s. (31) 569673
(74) J.M.H. Duyver lic. (31) 2008207389 2008330222	(73) Les Companions (72) BUSSON, David RENNUIT, Antoine	(32) 29.09.2009 (33) United States of America (47) 15.07.2020
(32) 11.08.2008 25.12.2008	(74) ir. W.J.J.M. Kempes (31) 1653916	(51) B21D 17/02 B21D 17/04
(33) Japan Japan	(32) 29.04.2016 (33) France	B21D 22/20 B21D 28/28
(47) 15.07.2020	(47) 20.05.2020	B21D 39/04
(51) B03B 4/00 B03B 9/04 B03C 1/02 B07C 5/342 C04B 18/10	(51) B05B 13/04 B25J 5/02	F16L 33/207 (11) EP3364088
(11) EP3325166 (21) EP16831177.7	(11) EP3275557 (21) EP17183324.7	(21) EP18153009.8 (22) 23.01.2018
(22) 25.07.2016	(22) 26.07.2017	(54) COMPRESSION COUPLING FOR CONNECTING A HOSE WITH A PIPE NIPPLE
(54) SYSTEM AND METHOD FOR RECOVERING DESIRED MATERIALS AND PRODUCING CLEAN AGGREGATE FROM INCINERATOR ASH	(54) PAINT BOOTH ASSEMBLY (73) Wilbers-Lifting GmbH	(73) KA Group AG (72) Mentink, Laurentius Andreas Gerardus (74) ir. M.F.J.M. Ketelaars c.s.
(73) Tav Holdings, Inc. (72) VALERIO, Thomas (74) dr. W.A.H.M. Van Borm (31) 201562196978 P	(31) 202016104090 U (32) 26.07.2016 (33) Germany	(31) 102017103156 (32) 16.02.2017 (33) Germany
(32) 25.07.2015 (33) United States of America (47) 24.06.2020	(47) 15.04.2020	(47) 17.06.2020
(51) B04C 5/18 B04C 5/24	(51) B05C 5/02 B29C 31/04 B29C 44/46 C08G 101/00 C09D 175/08	(51) B21D 39/04 B25B 27/10 F16L 13/14
(11) EP3417945 (21) EP17177480.5 (22) 22.06.2017	(11) EP2737956 (21) EP14152168.2 (22) 15.12.2008	(11) EP2918375 (21) EP15159166.6 (22) 12.03.2013
(54) HYDROCYCLONE SEPARATOR (73) Metso Minerals Industries, Inc. (72) KNORR, Brian GRÖNVALL, Lars	(54) Method for the production of composite elements based on isocyanate-based foams (73) BASF SE (72) Schön, Lars Fabisiak, Roland Hensiek, Rainer Huntemann, Peter Viereck, Rüdiger Thomas, Maria Schaper, Bernd	(54) PRESS JAW, METHOD FOR PRODUCING A NON-REMOVABLE PIPE CONNECTION, FITTING AND SYSTEM CONSISTING OF A PRESSURE JAW AND A FITTING (73) Viega Technology GmbH & Co. KG (72) Hofmann, Frank (74) ir. A. Blokland c.s. (31) 102012105655 (32) 28.06.2012 (33) Germany (47) 29.07.2020
(74) ir. M.F.J.M. Ketelaars c.s. (47) 27.05.2020	(47) 15.04.2020	(47) 29.07.2020
(51) B05B 1/20 B08B 3/02 F16L 37/00	(74) ir. W.J.J.M. Kempes (31) 07150059 (32) 17.12.2007 (33) European Patent Office (EPO) (47) 27.05.2020	(51) B21J 15/02 B21K 25/00 B23D 61/02 F16B 5/04
(11) EP3370883 (21) EP17722134.8 (22) 25.04.2017	(51) B05D 1/28 B05D 5/08 B05D 7/00 C09D 5/16 C23C 26/00	(11) EP3113894 (21) EP15703504.9 (22) 27.01.2015
(54) CAN WASHER AND METHOD (73) Greenbank Technology Limited (72) FAULKNER, Christopher James (74) ir. W.J.J.M. Kempes	(11) EP3002347 (21) EP15193100.3 (22) 29.09.2010	(54) TOOL ASSEMBLY WITH COMPONENT FOR ESTABLISHING A FORM- LOCKING RIVETED CONNECTION (73) C. & E. Fein GmbH (72) BEK, Fabian KNECHT, Markus WEBER, Thomas MANN, Rainer (74) J.M.H. Duyver lic. (31) 102014103048 (32) 07.03.2014 (33) Germany (47) 22.07.2020
(31) 201700644 (32) 13.01.2017 (33) United Kingdom (47) 01.07.2020	(54) SELF-CLEANING SUBSTRATES AND METHODS FOR MAKING THE SAME (73) Arconic Technologies LLC (72) Kahn, Jay A. Nintzel, Grant Biehlmann, Yves Belnap, Craig Zediak, Clinton Keener, John Bell, James Kolek, Paula Skiles, Jean Ann	(47) 22.07.2020
(51) B05B 13/00 B05B 13/04 B25J 5/00 B25J 5/04 B25J 11/00 B25J 13/08 B25J 19/02 B25J 19/06 B05B 12/00		(51) B22C 9/04 B22C 9/10 B22C 9/24 B22C 21/14 B22D 19/00
(11) EP3448582 (21) EP17725691.4 (22) 28.04.2017		

B22D 19/16	(31) 2017172999	(31) 1253460
B28B 1/00	(32) 08.09.2017	(32) 16.04.2012
B28B 7/34	(33) Japan	(33) France
F01D 5/18	(47) 27.05.2020	(47) 03.06.2020
B33Y 80/00	(51) B23H 7/08	(51) B24C 1/06
(11) EP3181262	B32B 15/01	B28B 1/52
(21) EP16202422.8	C22C 9/04	B28B 11/08
(22) 06.12.2016	(11) EP2005343	B28B 11/24
(54) METHOD AND ASSEMBLY FOR FORMING COMPONENTS HAVING AN INTERNAL PASSAGE DEFINED THEREIN	(21) EP06838494.0	C04B 16/06
(73) General Electric Company	(22) 29.11.2006	C04B 28/04
(72) Moricca, Timothy Michael	(54) EDM WIRE	C04B 41/00
Rutkowski, Stephen Francis	(73) THERMOCOMPACT	C04B 41/53
Moroso, Joseph Leonard	(72) TOMALIN, Dandridge	C04B 41/72
Willett, JR., Fred Thomas	(74) ir. F.A. Geurts c.s.	E04C 2/06
(31) 201514972390	(31) 741423 P	(11) EP3152020
(32) 17.12.2015	854772 P	(21) EP15724672.9
(33) United States of America	(32) 01.12.2005	(22) 26.05.2015
(47) 20.05.2020	27.10.2006	(54) A PROCESS FOR PROVIDING A FIBER CEMENT PRODUCT
(51) B22C 9/10	(33) United States of America	(73) Eternit NV
B22C 9/12	United States of America	(72) HELLEMANS, Philippe
B22C 21/14	(47) 03.06.2020	(74) E. Vaeck
(11) EP3323528	(51) B23K 35/02	(31) 14171047
(21) EP17200751.0	B23K 35/26	14196610
(22) 09.11.2017	B23K 35/30	(32) 03.06.2014
(54) SUPPORT FOR A MULTIWALL CORE	B23K 35/36	05.12.2014
(73) General Electric Company	B32B 15/01	(33) European Patent Office (EPO)
(72) FOSTER, Gregory Thomas	C22C 13/00	European Patent Office (EPO)
WEBER, David Wayne	C25D 3/30	(47) 08.07.2020
HANET, Robert Peter	C25D 3/60	(51) B25J 5/00
(31) 201615354221	C25D 5/10	B60B 19/00
(32) 17.11.2016	C25D 5/12	(11) EP3074188
(33) United States of America	C25D 7/00	(21) EP14824180.5
(47) 27.05.2020	H01B 1/02	(22) 25.11.2014
(51) B22D 17/10	H01L 21/3205	(54) MODULAR MOBILE INSPECTION VEHICLE
B22D 17/14	H01L 21/60	(73) Saudi Arabian Oil Company
B22D 17/20	H01L 21/768	(72) CARRASCO ZANINI, Pablo
(11) EP3450049	H01L 23/48	OUTA, Ali
(21) EP17188556.9	H05K 3/34	ABDELLATIF, Fadl
(22) 30.08.2017	H05K 3/40	PARROTT, Brian
(54) PRESSURE DIE CASTING DEVICE AND METHOD FOR LUBRICATING A PLUNGER	(11) EP3193360	TRIGUI, Hassane
(73) G.A. Röders Holding GmbH & Co. KG	(21) EP14901571.1	PATEL, Sahejad
(72) LEMANSKI, Olgierd	(22) 09.09.2014	AMER, Ayman
MAHMOUD, Ahmed Adel	(54) CU COLUMN, CU CORE COLUMN, SOLDER JOINT, AND THROUGH-SILICON VIA	(74) dr. W.A.H.M. Van Borm
(74) J.M.H. Duyver lic.	(73) SENJU METAL INDUSTRY CO., LTD.	(31) 201361910328 P
(47) 27.05.2020	(72) KAWASAKI Hiroyoshi	(32) 30.11.2013
(51) B22F 3/105	ROPPONGI Takahiro	(33) United States of America
C22C 19/07	SOMA Daisuke	(47) 01.07.2020
C22F 1/10	SATO Isamu	(51) B25J 5/00
(11) EP3453775	KAWAMATA Yuji	G06Q 10/08
(21) EP18192365.7	(74) ir. W.J.J.M. Kempes	G05D 1/02
(22) 04.09.2018	(47) 01.07.2020	(11) EP3535634
(54) COBALT BASED ALLOY ADDITIVE MANUFACTURED ARTICLE AND METHOD FOR MANUFACTURING SAME	(51) B23K 35/02	(21) EP17790755.7
(73) Mitsubishi Hitachi Power Systems, Ltd.	B23K 35/40	(22) 24.10.2017
(72) IMANO, Shinya	B23K 26/262	(54) TRACK SENSORS FOR DETECTING POSITION OF VEHICLE RELATIVE TO TRACKS
WANG, Yuting	(11) EP2653260	(73) Autostore Technology AS
EGUCHI, Shigenobu	(21) EP13159858.3	(72) HOGNALAND, Ingvar
UEMURA, Yoshitaka	(22) 19.03.2013	FJELDHEIM, Ivar
MOTOYAMA, Norihiko	(54) METHOD FOR MANUFACTURING A CORED WIRE BY LASER WELDING WITH PRIOR PREPARATION OF THE EDGES OF THE METAL STRIP	HEGGEBØ, Jørgen, Djuve
KOMAKI, Takanao	(73) Lincoln Global, Inc.	(74) dr. A. Krebs
(74) J.M.H. Duyver lic.	Lincoln Electric Italia S.r.l.	(31) 20161734
	(72) Scappin, Michele	(32) 02.11.2016
	Ballerini, Gaia	(33) Norway
	(74) ir. W.J.J.M. Kempes	(47) 15.07.2020
		(51) B26B 19/04

(11) EP2547492	(54) METHOD FOR PREPARING A	(31) 102015009928
(21) EP11756691.9	STYRENE ACRYLONITRILE MELT	202015005410 U
(22) 14.02.2011	(73) Coperion GmbH	(32) 27.07.2015
(54) LOW RESISTANCE HAIR CLIPPER	(72) Lechner, Frank	27.07.2015
BLADE TOOTH PROFILE	Sauer, Matthias	(33) Germany
(73) Wahl Clipper Corporation	(74) ir. M.F.J.M. Ketelaars c.s.	Germany
(72) MOSEMAN, Russell, L.	(47) 27.05.2020	(47) 20.05.2020
(74) ir. W.J.J.M. Kempes	(51) B29B 7/88	(51) B29C 65/16
(31) 727863	B29C 43/24	D21F 7/12
(32) 19.03.2010	B29C 43/28	(11) EP2200812
(33) United States of America	B29C 69/00	(21) EP08829131.5
(47) 17.06.2020	B29K 67/00	(22) 04.09.2008
(51) B26D 1/36	B29K 267/00	(54) PROCESS FOR PRODUCING
B26D 7/06	B32B 37/15	PAPERMAKER'S AND INDUSTRIAL
(11) EP2697019	C08G 63/183	FABRIC SEAM AND SEAM PRODUCED
(21) EP12719608.7	C08G 63/78	BY THAT METHOD
(22) 10.04.2012	B29C 48/08	(73) Albany International Corp.
(54) APPARATUS AND METHOD FOR	B29C 48/21	(72) EAGLES, Dana
CUTTING PRODUCTS	B29C 48/92	(74) ir. J.C. Volmer c.s.
(73) FAM	(11) EP2731778	(31) 967489 P
(72) BUCKS, Brent L.	(21) EP11785530.4	(32) 05.09.2007
(74) ir. M.F.J.M. Ketelaars c.s.	(22) 02.11.2011	(33) United States of America
(31) 201161473826 P	(54) ADVANCED CONTROL SYSTEM	(47) 15.07.2020
201100295	AND METHOD FOR MAKING	(51) B32B 37/18
(32) 11.04.2011	POLYETHYLENE TEREPHTHALATE	B32B 38/18
16.05.2011	SHEETS AND OBJECTS	B32B 39/00
(33) United States of America	(73) OCTAL SAOC FZC	B65G 47/22
Belgium	(72) BARAKAT, Nicholas	B65H 20/02
(47) 08.07.2020	KARSZES, William	B65H 29/20
(51) B26D 7/06	(74) ir. H.A. Witmans c.s.	B65H 35/00
B26D 7/26	(31) 201113181882	(11) EP3521221
(11) EP2918384	(32) 13.07.2011	(21) EP19154868.4
(21) EP14158618.0	(33) United States of America	(22) 31.01.2019
(22) 10.03.2014	(47) 20.05.2020	(54) DEVICE AND METHOD FOR
(54) Cutting head assembly for a centrifugal	(51) B29C 35/08	HANDLING SHEETS OF FIBER
cutting apparatus and centrifugal	B29C 59/02	REINFORCED MATERIAL
apparatus equipped with same	B29C 59/04	(73) Airborne International B.V.
(73) FAM	C03C 17/00	(72) Ur Rehman, Moiz
(72) Bucks, Brent	C03C 17/30	Acer, Tevfik Fikret
(74) ir. M.F.J.M. Ketelaars c.s.	C03C 19/00	Muilwijk, Mark
(47) 17.06.2020	(11) EP3024791	(74) ir. H.A. Witmans c.s.
(51) B27M 3/04	(21) EP14738831.8	(31) 2020364
E04F 15/02	(22) 11.07.2014	(32) 31.01.2018
F16B 12/20	(54) METHOD AND DEVICE FOR	(33) Netherlands
(11) EP3090850	EMBOSSING A STRUCTURE ON	(47) 20.05.2020
(21) EP16162876.3	A SUBSTRATE COATED WITH A	(51) B41C 1/10
(22) 30.03.2016	VARNISH	B41N 3/08
(54) MEANS FOR ATTACHING SURFACE	(73) Schott AG	G03F 7/32
COATING BLADES AND USE	(72) RUDIGIER-VOIGT, Eveline	(11) EP3430475
(73) Bewood SA	BOCKMEYER, Matthias	(21) EP17704196.9
(72) Deschampheleire, Sébastien	GERBAN, Jörn	(22) 03.02.2017
(74) dr. A. Krebs	STOLZ, Claudia	(54) APPARATUS FOR PROCESSING A
(31) 201505237	(74) ir. W.J.J.M. Kempes	LITHOGRAPHIC PRINTING PLATE AND
(32) 14.04.2015	(31) 102013107909	CORRESPONDING METHOD
(33) Belgium	(32) 24.07.2013	(73) AGFA NV
(47) 03.06.2020	(33) Germany	(72) MORIAME, Philippe
(51) B29B 7/48	(47) 27.05.2020	BOGUNOVIC, Iris
B29B 7/84	(51) B29C 53/06	VERVLOET, Ludo
B29K 25/00	B29L 24/00	(31) 16160576
B29K 407/00	B32B 3/12	16160627
B29K 409/06	B32B 29/00	16160616
B29K 421/00	(11) EP3328614	16160591
B29C 48/285	(21) EP16753599.6	16168969
B29C 48/76	(22) 27.07.2016	(32) 16.03.2016
B29C 48/92	(54) SINGLE-LAYER FOLDING CORE	16.03.2016
(11) EP3175967	(73) Pietsch, Karsten	16.03.2016
(21) EP15197279.1	(72) Pietsch, Karsten	16.03.2016
(22) 01.12.2015	(74) ir. M.F.J.M. Ketelaars c.s.	10.05.2016

- (33) European Patent Office (EPO)  
European Patent Office (EPO)  
European Patent Office (EPO)  
European Patent Office (EPO)  
European Patent Office (EPO)  
(47) 12.08.2020
- (51) B41J 2/045  
(11) EP3442799  
(21) EP17714835.0  
(22) 06.04.2017  
(54) METHOD FOR CANCELLING  
ELECTRIC CROSSTALK IN A  
PRINTHEAD  
(73) Canon Production Printing Holding B.V.  
(72) SIMONS, Johannes M.M.  
(74) ir. M.J. Groen  
(31) 16165297  
(32) 14.04.2016  
(33) European Patent Office (EPO)  
(47) 10.06.2020
- (51) B41J 2/045  
B41J 2/14  
B41J 2/165  
B41J 29/38  
B41J 29/393  
(11) EP3344467  
(21) EP16841086.8  
(22) 23.08.2016  
(54) LIQUID EJECTING DEVICE,  
HEAD UNIT, AND METHOD FOR  
CONTROLLING LIQUID EJECTING  
DEVICE  
(73) Seiko Epson Corporation  
(72) SHINKAWA, Osamu  
(74) ir. H.A. Witmans c.s.  
(31) 2015169924  
(32) 31.08.2015  
(33) Japan  
(47) 05.08.2020
- (51) B41J 3/28  
G06F 3/12  
(11) EP3361372  
(21) EP18154928.8  
(22) 02.02.2018  
(54) METHOD FOR PRINTING MULTI-  
LAYER PRINT JOBS  
(73) Canon Production Printing Holding B.V.  
(72) IACOB, Violeta  
VULPE, Radu  
CHELARU, Daniel  
(74) ir. M.J. Groen  
(31) 17155895  
(32) 13.02.2017  
(33) European Patent Office (EPO)  
(47) 10.06.2020
- (51) B41J 3/407  
B41J 11/00  
G06F 3/12  
H04N 1/60  
(11) EP3247566  
(21) EP16862756.0  
(22) 31.10.2016  
(54) NETWORKED DIGITAL IMAGING  
CUSTOMIZATION  
(73) Sawgrass Technologies, Inc.  
(72) XU, Ming  
HALE, Nathan  
MURPHY, Major
- McEVOY, Mike  
(74) ir. H.J.G. Lips c.s.  
(31) 201562249668 P  
201615076067  
(32) 02.11.2015  
21.03.2016  
(33) United States of America  
United States of America  
(47) 15.07.2020
- (51) B41J 3/407  
B41J 15/04  
(11) EP2471668  
(21) EP12161271.7  
(22) 26.03.2010  
(54) Tape cassette and tape printer  
(73) Brother Kogyo Kabushiki Kaisha  
(72) Yamaguchi, Koshiro  
Sago, Akira  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 2009086172  
2009086184  
2009086201  
2009086222  
(32) 31.03.2009  
31.03.2009  
31.03.2009  
31.03.2009  
(33) Japan  
Japan  
Japan  
Japan  
(47) 17.06.2020
- (51) B41J 25/34  
(11) EP3445591  
(21) EP17718593.1  
(22) 13.04.2017  
(54) DROPLET DEPOSITION HEAD  
ALIGNMENT SYSTEM  
(73) Xaar Technology Limited  
(72) NAUNTON, Ulrik Manfred  
JEAPES, Stephen Mark  
LEWIS, Richard Hugh  
GARCIA MAZA, Jesus  
GARCIA GOMEZ, Arturo  
DUNN, Robert John Charles  
(74) ir. F.A. Geurts c.s.  
(31) 201606738  
(32) 18.04.2016  
(33) United Kingdom  
(47) 03.06.2020
- (51) B41J 29/13  
(11) EP3115219  
(21) EP16178221.4  
(22) 06.07.2016  
(54) LIQUID DROPLET DISCHARGING  
APPARATUS  
(73) Seiko Epson Corporation  
(72) KOBAYASHI, Shunsuke  
(74) ir. H.A. Witmans c.s.  
(31) 2015138476  
(32) 10.07.2015  
(33) Japan  
(47) 12.08.2020
- (51) B60B 37/10  
B65F 1/00  
(11) EP2812193  
(21) EP13746494.7  
(22) 06.02.2013
- (54) WHEEL AND HUB ASSEMBLIES  
REMOVABLE WITHOUT TOOLS  
(73) Geo Plastics  
(72) PALLEVA, William, Michael  
MORRIS, Michael, Abraham  
(74) dr. A. Krebs  
(31) 201261596112 P  
201261680861 P  
201213652273  
(32) 07.02.2012  
08.08.2012  
15.10.2012  
(33) United States of America  
United States of America  
United States of America  
(47) 15.07.2020
- (51) B60C 1/00  
B60C 11/00  
B60C 11/03  
B60C 11/12  
C08K 3/36  
C08K 5/00  
C08L 9/00  
(11) EP3471970  
(21) EP17731796.3  
(22) 15.06.2017  
(54) TRUCK TIRE TREAD  
(73) COMPAGNIE GENERALE DES  
ETABLISSEMENTS MICHELIN  
(72) VAUTARD, Frederic  
KHRIPIN, Constantine  
VOSS, Stefan  
WILSON, Clifford  
(74) ir. H.A. Witmans c.s.  
(31) PCT/US2016/038022  
(32) 17.06.2016  
(33) World Intellectual Property Office (WIPO)  
(47) 13.05.2020
- (51) B60C 1/00  
C08C 1/02  
C08C 1/04  
C08C 1/14  
C08C 2/00  
C08C 4/00  
C08L 7/00  
C08L 9/00  
(11) EP3371229  
(21) EP16810088.1  
(22) 03.11.2016  
(54) RUBBER EXTRACTION METHOD  
(73) Lion-Flex B.V.  
(72) VAN DIJK, Peter Johannes  
MANK, Rolf André  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 2015711  
(32) 03.11.2015  
(33) Netherlands  
(47) 15.07.2020
- (51) B60C 9/07  
B60C 9/20  
B60C 9/22  
(11) EP3283307  
(21) EP16715543.1  
(22) 11.04.2016  
(54) TYRE REINFORCING PLY  
(73) Compagnie Générale des  
Etablissements Michelin  
(72) BESTGEN, Luc

LE CLERC, Christophe PINEAU, Jacky (74) ir. W.J.J.M. Kempes (31) 1553418 (32) 17.04.2015 (33) France (47) 03.06.2020	(33) Germany (47) 22.07.2020	(47) 17.06.2020
(51) B60C 11/12 (11) EP3145731 (21) EP15723867.6 (22) 06.05.2015 (54) TIRE PROFILE AND MOLDING FORM (73) Apollo Tyres Global R&D B.V. (72) SANKAR, Muthu Siva (74) M.A.T. Beck MSc LL.B (31) 201408941 (32) 20.05.2014 (33) United Kingdom (47) 08.07.2020	(51) B60L 1/00 B60L 1/02 B63H 21/20 B63H 21/21 B63H 23/24 B63J 3/02 B63J 99/00 B60L 50/13 B63B 79/00 (11) EP2623416 (21) EP12008030.4 (22) 30.11.2012 (54) Energy supply and propulsion assembly for ships (73) Andersen, Peter (72) Andersen, Peter (74) ir. M.F.J.M. Ketelaars c.s. (31) 102012001892 (32) 01.02.2012 (33) Germany (47) 20.05.2020	(51) B60N 2/28 (11) EP2894059 (21) EP15150479.2 (22) 03.08.2010 (54) Adjustable child safety seat assembly (73) Wonderland Switzerland AG (72) Xiao, Xiao-Hong (74) ir. M.F.J.M. Ketelaars c.s. (31) 200910161179 (32) 03.08.2009 (33) China (47) 17.06.2020
(51) B60G 9/00 B60G 9/02 B60G 11/27 (11) EP2969606 (21) EP14770068.6 (22) 13.03.2014 (54) VEHICLE SUSPENSION (73) Hendrickson USA, L.L.C. (72) DUDDING, Ashley, T. AUMANN, Richard, J. BRANNIGAN, Michael VAN METER, Matthew, J. (74) J.M.H. Duyver lic. (31) 201361794018 P 201414201528 (32) 15.03.2013 07.03.2014 (33) United States of America United States of America (47) 22.07.2020	(51) B60L 7/00 B60L 15/20 B60T 1/10 B60T 13/58 F02B 21/00 F02B 29/08 F02B 37/10 F02B 37/14 F02B 37/22 F02B 37/24 F02B 39/10 F02D 13/02 F02D 21/08 F02D 23/02 F02D 33/02 F02D 41/10 F16D 61/00 (11) EP3244044 (21) EP17000765.2 (22) 04.05.2017 (54) METHOD FOR OPERATING A COMBUSTION ENGINE, IN PARTICULAR AS PROPULSION DEVICE FOR A VEHICLE (73) MAN Truck & Bus SE (72) WEISS, Joachim (74) J.M.H. Duyver lic. (31) 102016005877 (32) 13.05.2016 (33) Germany (47) 22.07.2020	(51) B60P 3/20 G01F 1/68 (11) EP3465102 (21) EP17729620.9 (22) 26.05.2017 (54) METHOD FOR DETERMINING REDUCED AIRFLOW IN TRANSPORT REFRIGERATION SYSTEM (73) Carrier Corporation (72) SENF, JR., Raymond L. (74) ir. M.F.J.M. Ketelaars c.s. (31) 201662342530 P (32) 27.05.2016 (33) United States of America (47) 13.05.2020
(51) B60J 7/00 (11) EP2614975 (21) EP13000085.4 (22) 09.01.2013 (54) Vehicle with roof security system (73) Köhler, Johannes (72) Köhler, Johannes (74) ir. J.C. Volmer c.s. (31) 202012000196 U (32) 10.01.2012 (33) Germany (47) 10.06.2020	(51) B60N 2/28 (11) EP2781400 (21) EP14160877.8 (22) 20.03.2014 (54) Child safety seat assemblies (73) Wonderland Switzerland AG (72) Williams, Bruce L. (74) ir. M.F.J.M. Ketelaars c.s. (31) 201361852723 P 201361961692 P (32) 20.03.2013 21.10.2013 (33) United States of America United States of America	(51) B60Q 1/44 B62J 6/00 B62J 6/04 (11) EP3494010 (21) EP17761133.2 (22) 03.08.2017 (54) VEHICLE WITH CONTROLLABLE BRAKE LIGHT AND ELECTRONIC CONTROL METHOD OF THE BRAKE LIGHT (73) PIAGGIO & C. S.p.A. (72) SANTUCCI, Mario Donato DI TANNA, Onorino (74) ir. M.F.J.M. Ketelaars c.s. (31) 201600082255 (32) 04.08.2016 (33) Italy (47) 20.05.2020
(51) B60K 26/02 F02D 11/10 (11) EP3138720 (21) EP16001656.4 (22) 27.07.2016 (54) METHOD AND DEVICE FOR CUSTOMIZATION OF A DRIVING PEDAL CHARACTERISTIC CURVE (73) MAN Truck & Bus SE (72) Heyes, Daniel Drimml, Peter Huber, Martin Jerg, Stefan Kohrs, Christian (74) J.M.H. Duyver lic. (31) 102015011558 (32) 02.09.2015	(51) B60R 19/56 (11) EP3339106 (21) EP17202942.3 (22) 22.11.2017 (54) REAR UNDERRIDE GUARD FOR A VEHICLE (73) MAN Truck & Bus SE (72) Wilke, Florian Bogicevic, Aleksandar Langhammer, Mike Marx, Stefan	

(74) J.M.H. Duyver lic.	B63B 21/20	B63H 23/24
(31) 102016015495	B63B 21/50	B63H 25/42
(32) 23.12.2016	(11) EP2758301	H02J 3/00
(33) Germany	(21) EP12769755.5	(11) EP3209556
(47) 22.07.2020	(22) 19.09.2012	(21) EP15778933.0
(51) B60R 22/195	(54) DEVICE FOR AND METHOD OF	(22) 12.10.2015
(11) EP3458313	TENSIONING CHAINS, IN PARTICULAR	(54) POWER SYSTEM OF A FLOATING
(21) EP17724019.9	MOORING LEGS	VESSEL
(22) 16.05.2017	(73) IHC Holland IE B.V.	(73) Siemens Aktiengesellschaft
(54) BELT TIGHTENING AND SHOCK	(72) ZIJLMANS, Jurgen Arjan	(72) VAN RAVENS, Rune
ABSORBING DEVICE, AND CHILD	VAN DER BURGT, Petrus Marinus	(74) ir. M.F.J.M. Ketelaars c.s.
SEAT COMPRISING A DEVICE OF	Johannes	(31) 14189540
SAID TYPE	BURGERS, Joppe	(32) 20.10.2014
(73) Curt Würstl Vermögensverwaltungs-	(74) ir. A.R. Aalbers	(33) European Patent Office (EPO)
GmbH & Co. KG	(31) 2007463	(47) 17.06.2020
(72) WÜRSTL, Jan-Stefan	(32) 23.09.2011	(51) B63B 59/04
(74) ir. W.J.J.M. Kempes	(33) Netherlands	(11) EP3317177
(31) 202016102641 U	(47) 17.06.2020	(21) EP16730814.7
(32) 18.05.2016	(51) B63B 21/50	(22) 17.06.2016
(33) Germany	F16B 1/04	(54) DITHERED MARINE UV REFLECTIVE
(47) 10.06.2020	(11) EP3294620	COATING WITH COLOR
(51) B61K 9/08	(21) EP16725397.0	(73) Koninklijke Philips N.V.
E01B 35/00	(22) 11.05.2016	(72) SALTERS, Bart Andre
(11) EP3019382	(54) MOORING LINE CONNECTOR	(74) drs. O. Griebing
(21) EP14732085.7	ASSEMBLY FOR CONNECTING A	(31) 15174424
(22) 14.06.2014	MOORING LINE TO A FLOATING	(32) 30.06.2015
(54) METHOD FOR DETERMINING A	STRUCTURE	(33) European Patent Office (EPO)
TARGET TRACK LOCATION	(73) Single Buoy Moorings Inc.	(47) 20.05.2020
(73) Plasser & Theurer Export von	(72) BENOIT, Jean Pierre	(51) B63C 11/16
Bahnbaumaschinen Gesellschaft m.b.H.	PASSIEUX, Benjamin Maurice	(11) EP3437984
(72) AUER, Florian	(74) ir. M.F.J.M. Ketelaars c.s.	(21) EP18187143.5
(74) ir. W.J.J.M. Kempes	(31) 15167400	(22) 02.08.2018
(31) 5702013	(32) 12.05.2015	(54) MASK FOR UNDERWATER USE,
(32) 10.07.2013	(33) European Patent Office (EPO)	IN PARTICULAR OF THE FULL
(33) Austria	(47) 08.07.2020	FACE TYPE, PROVIDED WITH A
(47) 03.06.2020	(51) B63B 21/50	COMMUNICATION DEVICE
(51) B62M 9/10	G01L 1/14	(73) Mestel Safety S.r.l.
(11) EP3093227	(11) EP3164328	(72) GAMBERINI, Sergio
(21) EP16000638.3	(21) EP15747181.4	CUCCHIA, Gabriele
(22) 16.03.2016	(22) 01.07.2015	(74) J.M.H. Duyver lic.
(54) BICYCLE REAR WHEEL PINION	(54) SUBSEA CONNECTION	(31) 201700090078
ASSEMBLY	ASSEMBLY PROVIDED WITH	(32) 03.08.2017
(73) SRAM Deutschland GmbH	INDUCTIVE ELEMENTS FOR DATA	(33) Italy
(72) Braedt, Henrik	TRANSMISSIONS	(47) 13.05.2020
Reinbold, Matthias	(73) Flintstone Technology Limited	(51) B63H 21/21
(74) ir. W.J.J.M. Kempes	(72) SMITH, David	B63H 23/24
(31) 102015205736	CLAYSON, Andrew	G05F 1/10
(32) 30.03.2015	TAYLOR, Richard	H02J 3/14
(33) Germany	(74) ir. H.A. Witmans c.s.	(11) EP2856599
(47) 03.06.2020	(31) 201411716	(21) EP13721949.9
(51) B63B 19/00	(32) 01.07.2014	(22) 02.05.2013
B63B 19/08	(33) United Kingdom	(54) PREDICTIVE CONTROL SYSTEM
(11) EP3461732	(47) 20.05.2020	(73) Kongsberg Maritime AS
(21) EP18020467.9	(51) B63B 35/03	(72) MATHIESEN, Eirik
(22) 26.09.2018	F16L 1/19	REALFSEN, Bjørnar
(54) MARINE VESSEL HAVING A HULL	F16L 1/20	JØRGENSEN, Ole Henrik
INCORPORATING A DOOR	(11) EP3478566	JOHANNESSEN, Petter Faugstad
(73) Gurit (UK) Ltd.	(21) EP17733845.6	(74) dr. A. Ellens c.s.
(72) Everest, Simon Charles	(22) 29.06.2017	(31) 20120507
(74) ir. A. Blokland c.s.	(54) SYSTEM AND METHOD	(32) 03.05.2012
(31) 201715560	(73) Royal IHC Limited	(33) Norway
(32) 26.09.2017	(72) SMITH, Michael James	(47) 24.06.2020
(33) United Kingdom	(74) dr. A. Krebs	(51) B63J 3/04
(47) 27.05.2020	(31) 2017072	H02J 3/46
(51) B63B 21/00	(32) 29.06.2016	(11) EP3468867
B63B 21/04	(33) Netherlands	(21) EP17732839.0
B63B 21/18	(47) 29.07.2020	(22) 14.06.2017
	(51) B63B 35/44	

(54) A SYSTEM FOR CONNECTING AN ELECTRICAL POWER DISTRIBUTION OF A SHIP TO A SHORE SIDE ELECTRICAL POWER SUPPLY	B65B 5/10 B65B 43/12 B65B 43/26 B65B 43/42	(11) EP3284702 (21) EP17179507.3 (22) 08.05.2015 (54) FREIGHT CONTAINER AND METHOD FOR TRANSPORTING CARGO
(73) Ipalco BV	(11) EP3461753	(73) Unit 45 B.V.
(72) REALE, Davide BRANDEL, Mikael	(21) EP18193234.4 (22) 07.09.2018	(72) Koolen, Johannes Baptistus Nouwen, Jan
(74) ir. W.J.J.M. Kempes	(54) METHOD FOR AUTOMATICALLY OPENING A LOAD CARRIER AND DEVICE FOR CARRYING OUT THE METHOD	(74) ir. H.A. Witmans c.s.
(31) 93105		(31) 201420250748 U 2012992
(32) 14.06.2016		(32) 16.05.2014 12.06.2014
(33) Luxembourg	(73) FERAG AG	(33) China
(47) 20.05.2020	(72) Brunschweiler, Othmar	Netherlands
(51) B64C 39/02 H02J 7/00	(74) ir. H.A. Witmans c.s.	(47) 13.05.2020
(11) EP3412568	(31) 11892017	(51) B65H 35/00
(21) EP18185970.3	(32) 28.09.2017	(11) EP3253697
(22) 31.07.2014	(33) Switzerland	(21) EP16706963.2
(54) UNMANNED AERIAL VEHICLE BASE STATION SYSTEM AND METHOD	(47) 24.06.2020	(22) 12.01.2016
(73) SZ DJI Technology Co., Ltd.	(51) B65B 7/16	(54) DEVICE FOR UNROLLING AND CUTTING A STRIP
(72) WANG, Mingxi LIN, Yuan LI, Hongju	B65B 7/20 B65B 51/06 B65B 57/02	(73) Kuth, Rudolf (72) Kuth, Rudolf (74) ir. M.F.J.M. Ketelaars c.s.
(74) ir. F.A. Geurts c.s.	(11) EP3431401	(31) 102015001402
(47) 03.06.2020	(21) EP18184593.4 (22) 20.07.2018	(32) 04.02.2015
(51) B65B 3/28 B65B 43/59 B67C 3/20	(54) BOX-MAKING APPARATUS	(33) Germany
(11) EP3063087	(73) ISHIDA CO., Ltd.	(47) 13.05.2020
(21) EP14790589.7	(72) NAKAMURA, Yuichi TAKAHASHI, Atsushi IWASA, Tatsuya	(51) B66C 13/02 B66C 23/52 B66D 1/50 B66D 1/52
(22) 28.10.2014	(74) ir. J.C. Volmer c.s.	(11) EP3452400
(54) FACILITY FOR THE WEIGHT FILLING OF CONTAINERS RESTING ON A CONVEYOR	(31) 2017141246 (32) 20.07.2017 (33) Japan (47) 17.06.2020	(21) EP17712922.8 (22) 20.03.2017 (54) COMPENSATING DEVICE FOR SPECIFIABLE TARGET POSITIONS OF A LOAD TO BE HANDLED
(73) Serac Group	(51) B65B 29/02	(73) Hycom B.V.
(72) GRAFFIN, André	(11) EP3494051	(72) RONDEEL, Arthur EZENDAM, Laurens Hermannes Petrus
(74) ir. H.A. Witmans c.s.	(21) EP17752182.0 (22) 28.07.2017	(74) ir. J.C. Volmer c.s.
(31) 1360628	(54) MACHINE FOR PRODUCING CAPSULES CONTAINING A PRODUCT TO BE MIXED WITH A LIQUID, IN PARTICULAR BY MEANS OF A PERCOLATOR DEVICE	(31) 102016005477 (32) 03.05.2016 (33) Germany (47) 03.06.2020
(32) 30.10.2013		(51) B82Y 20/00 G02B 1/00 G02B 3/00 G02B 5/08 G02B 5/18 G02B 5/28 G02B 5/32 G03H 1/02 B42D 25/29 G07D 7/121 G07D 7/206 G02B 27/22
(33) France		(11) EP1476782
(47) 01.07.2020		(21) EP03710741.4 (22) 24.01.2003
(51) B65B 5/06 B65B 7/16 B65B 35/32 B65B 35/34 B65B 39/00 B65B 39/12 B65B 39/14 B65B 43/46 B65B 43/60 B65B 57/06 B65B 57/12 G01G 13/02 G01G 15/00	(51) B65D 5/18 B65D 5/468 B65D 71/22 B65D 71/36	(54) LIGHT CONTROL MATERIAL FOR DISPLAYING COLOR, INFORMATION, AND IMAGES
(11) EP3484773	(11) EP3459871	(73) Nanoventions, Inc.
(21) EP17749470.5	(21) EP18000718.9 (22) 06.09.2018	(72) STEENBLIK, Richard, A. HURT, Mark, J.
(22) 08.08.2017	(54) SINGLE-PIECE PACKAGING CONTAINER AND CARTON BLANK	
(54) PACKAGING SNACK FOOD CHIPS	(73) PCO Group GmbH	
(73) Frito-Lay Trading Company GmbH	(72) Berthault, François	
(72) ABBAS, Bob BRANDT, Michael FÜLLER, Jan Christopher	(74) ir. M.B. Plaggenborg	
(74) dr. W.A.H.M. Van Borm	(31) 102017008851 (32) 21.09.2017	
(31) 201613813	(33) Germany	
(32) 11.08.2016	(47) 20.05.2020	
(33) United Kingdom	(51) B65D 88/74	
(47) 15.07.2020		
(51) B65B 5/08		

KNOTTTS, Michael, E. (74) ir. J.C. Volmer c.s. (31) 352000 P 351853 P (32) 24.01.2002 24.01.2002 (33) United States of America United States of America (47) 13.05.2020	BERGMANN, Gabriele TORSÄETER, Ole AURAND, Katherine Rose (74) ir. W.J.J.M. Kempes (31) 15191457 (32) 26.10.2015 (33) European Patent Office (EPO) (47) 27.05.2020	C03C 17/25 H01L 31/048 G02B 1/113 (11) EP3162773 (21) EP15815778.4 (22) 30.06.2015 (54) SUBSTRATE PROVIDED WITH LOW-REFLECTION COATING, METHOD FOR ITS PRODUCTION AND PHOTOELECTRIC CONVERSION DEVICE CONTAINING IT. (73) Nippon Sheet Glass Company, Limited (72) KOYO, Mizuho KONDO, Fumiyoshi MIYAMOTO, Yoko KAWAZU, Mitsuhiro MATSUBARA, Hirofumi (74) ir. H.A. Witmans c.s. (31) 2014134177 (32) 30.06.2014 (33) Japan (47) 12.08.2020
(51) B82Y 30/00 B82Y 40/00 C01B 32/05 C01B 32/16 C01B 32/40 (11) EP2838839 (21) EP13778060.7 (22) 15.03.2013 (54) METHOD FOR PRODUCING SOLID CARBON BY REDUCING CARBON DIOXIDE (73) Seerstone LLC (72) NOYES, Dallas, B. (74) ir. H.A. Witmans c.s. (31) 201261624723 P (32) 16.04.2012 (33) United States of America (47) 12.08.2020	(51) C02F 1/00 C02F 1/24 C02F 1/44 C02F 1/469 C02F 1/52 C02F 3/00 C02F 3/12 C02F 3/28 C02F 3/30 C02F 9/00 C02F 101/16 C02F 103/32 (11) EP3429968 (21) EP17715393.9 (22) 14.03.2017 (54) MODULAR WASTE-WATER TREATMENT METHOD AND SYSTEM FOR EFFICIENT CLEANING OF WASTE-WATER (73) Hochwald Foods GmbH (72) GÖBEL, Falk WUTTKE, Thomas (74) ir. W.J.J.M. Kempes (31) 102016105071 (32) 18.03.2016 (33) Germany (47) 03.06.2020	(73) Nippon Sheet Glass Company, Limited (72) KOYO, Mizuho KONDO, Fumiyoshi MIYAMOTO, Yoko KAWAZU, Mitsuhiro MATSUBARA, Hirofumi (74) ir. H.A. Witmans c.s. (31) 2014134177 (32) 30.06.2014 (33) Japan (47) 12.08.2020
(51) B82Y 40/00 B82B 1/00 B82B 3/00 C30B 7/10 C30B 29/16 C30B 29/60 H01B 1/14 H01B 1/20 H01B 1/22 (11) EP2560916 (21) EP11772363.5 (22) 25.04.2011 (54) SYNTHESIS, CAPPING OF A DISPERSION OF NANOCRYSTALS (73) Pixelligent Technologies, LLC (72) GONEN WILLIAMS, Zehra, Serpil WANG, Yijun WIACEK, Robert, J. BAI, Xia GOU, Linfeng THOMAS, Selina, I. XU, Wei XU, Jun (74) J.M.H. Duyver lic. (31) 327313 P 407063 P (32) 23.04.2010 27.10.2010 (33) United States of America United States of America (47) 03.06.2020	(51) C02F 1/48 F02M 27/04 (11) EP2848591 (21) EP14003083.4 (22) 08.09.2014 (54) Process and apparatus for the treatment of fluids by means of electrical induction (73) AQwaTech bvba (72) VAN WELDEN Paul (74) ir. W.J.J.M. Kempes (31) 201300587 (32) 09.09.2013 (33) Belgium (47) 01.07.2020	(51) C03C 25/34 C08G 14/06 C08K 5/053 C08K 5/21 C09J 161/34 F16L 59/00 (11) EP2609129 (21) EP11761672.2 (22) 26.08.2011 (54) PHENOLIC RESIN, METHOD FOR PREPARING SAME, SIZING COMPOSITION FOR MINERAL FIBERS AND RESULTING PRODUCT (73) Saint-Gobain Isover (72) RONCUZZI, Claudio DOUCE, Jérôme ROUSSELET, Guillaume MALLIER, Jean-Louis (74) ir. W.J.J.M. Kempes (31) 1056803 (32) 27.08.2010 (33) France (47) 20.05.2020
(51) C01B 33/159 C09K 8/584 (11) EP3368633 (21) EP16782235.2 (22) 18.10.2016 (54) METHOD OF OBTAINING MINERAL OIL USING A SILICA FLUID (73) Evonik Operations GmbH (72) LORTZ, Wolfgang FISCHER, Ulrich	(51) C02F 3/12 C02F 3/30 C02F 3/34 C12P 7/42 C12P 7/62 (11) EP3485025 (21) EP17737303.2 (22) 14.07.2017 (54) PROCESS FOR THE TREATMENT OF WASTEWATER CONTAINING ORGANIC MATERIAL AND AMMONIA (73) Paques I.P. B.V. (72) DIJKMAN, Hendrik (74) ir. M.F.J.M. Ketelaars c.s. (31) 16179754 (32) 15.07.2016 (33) European Patent Office (EPO) (47) 08.07.2020	(51) C04B 5/00 C04B 18/14 (11) EP3315471 (21) EP16196654.4 (22) 31.10.2016 (54) METHOD FOR THE TREATMENT AND ACTIVATION OF STEELMILL SLAGS (73) Loesche GmbH (72) WULFERT, Holger (74) J.M.H. Duyver lic. (47) 03.06.2020
	(51) C03C 17/00	(51) C04B 22/10 C04B 24/16 C04B 24/26 C04B 28/04 (11) EP3468934 (21) EP17727936.1 (22) 09.06.2017 (54) CONSTRUCTION CHEMICAL COMPOSITIONS COMPRISING A BISULFITE ADDUCT OF GLYOXYLIC ACID (73) BASF SE



- (72) GAEDT, Torben  
DENGLER, Joachim  
MAZANEC, Oliver  
HESSE, Christoph  
SEUFERT, Sebastian  
(74) ir. W.J.J.M. Kempes  
(31) 16173719  
(32) 09.06.2016  
(33) European Patent Office (EPO)  
(47) 03.06.2020  

---

(51) C07C 17/25  
C07C 21/18  
(11) EP3366662  
(21) EP18167117.3  
(22) 27.07.2015  
(54) PROCESS FOR THE PREPARATION  
OF HALOGENATED ALKENES BY  
DEHYDROHALOGENATION OF  
HALOGENATED ALKANES  
(73) Mexichem Fluor S.A. de C.V.  
(72) Sharratt, Andrew  
Rees, Claire  
Doran, Maxine  
(74) dr. W.A.H.M. Van Borm  
(31) 201413340  
(32) 28.07.2014  
(33) United Kingdom  
(47) 13.05.2020  

---

(51) C07C 45/45  
C07C 45/62  
C07C 45/65  
C12P 7/42  
C12P 7/44  
C12P 17/04  
(11) EP3129492  
(21) EP15718726.1  
(22) 10.04.2015  
(54) CHEMO-ENZYMATIC PROCESS FOR  
THE PREPARATION OF LACTONES  
AND MACROCYCLIC KETONES  
(73) Genomatica, Inc.  
(72) DEL CARDAYRE, Stephen, B.  
SCHIRMER, Andreas, W.  
KO, Myong  
WANG, Haibo  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 201461978176 P  
(32) 10.04.2014  
(33) United States of America  
(47) 03.06.2020  

---

(51) C07C 51/265  
C07C 51/43  
C07C 51/487  
C07C 63/26  
(11) EP3326993  
(21) EP16827824.0  
(22) 21.07.2016  
(54) METHOD FOR PRODUCING HIGH-  
PURITY TEREPHTHALIC ACID  
(73) Mitsubishi Gas Chemical Company, Inc.  
(72) NAKAMURA, Goh  
FUJITA, Hideaki  
MURAKAMI, Kotaro  
(74) mr.ir. F.N. Ferro  
(31) 2015144837  
2015144838  
(32) 22.07.2015  
22.07.2015
- (33) Japan  
Japan  
(47) 01.07.2020  

---

(51) C07C 215/08  
C07C 229/12  
C07C 229/24  
C08F 8/00  
C08F 8/14  
C08F 8/32  
C08J 3/24  
C08K 5/053  
C08K 5/16  
C08K 5/17  
C09D 133/02  
C09D 133/24  
C09D 135/00  
C09D 135/06  
C09J 133/02  
C09J 133/24  
C09J 135/00  
C09J 135/06  
D06N 5/00  
D06N 7/00  
E04D 1/22  
E04D 1/28  
E04F 15/10  
D04H 1/587  
D04H 1/64  
C03C 25/28  
(11) EP1988066  
(21) EP08008238.1  
(22) 30.04.2008  
(54) Binding of fibrous material utilizing a  
crosslinked polyamic acid  
(73) Johns Manville  
(72) Shooshtari, Kiarash Alavi  
Asrar, Jawed  
(74) ir. F.A. Geurts c.s.  
(31) 799904  
(32) 03.05.2007  
(33) United States of America  
(47) 03.06.2020  

---

(51) C07C 253/30  
C07C 255/14  
(11) EP3533783  
(21) EP18159134.8  
(22) 28.02.2018  
(54) IMPROVED PROCESS FOR THE  
MANUFACTURE OF 2-CYANOETHYL  
ACETOACETATE  
(73) Evonik Operations GmbH  
(72) GÄRTNER, Felix  
LUDWIG, Bettina  
WILLY, Benjamin  
(74) ir. W.J.J.M. Kempes  
(47) 27.05.2020  

---

(51) C07C 273/04  
C07C 273/14  
(11) EP3390353  
(21) EP16804890.8  
(22) 28.11.2016  
(54) INTEGRATED PROCESS FOR THE  
PRODUCTION OF FORMALDEHYDE-  
STABILISED UREA  
(73) Johnson Matthey Public Limited  
Company  
(72) ERLANDSSON, Ola  
MAGNUSSON, Andreas Erik Johan
- MCFARLANE, Kate  
PACH, John David  
SHELDON, Daniel Thomas  
WARD, Darren  
(74) ir. F.A. Geurts c.s.  
(31) 201522396  
(32) 18.12.2015  
(33) United Kingdom  
(47) 03.06.2020  

---

(51) C07D 211/82  
C07D 401/12  
(11) EP3168215  
(21) EP16198078.4  
(22) 10.11.2016  
(54) PROCESS FOR PREPARATION OF  
BARNIDIPINE  
(73) USV Private Limited  
(72) Patkar, Laxmikant Narhari  
Damle, Subhash Vishwanath  
Bhopalkar, Rajesh Ganpat  
Gaware, Ravindra Pandharinath  
(74) ir. H.A. Witmans c.s.  
(31) 4298MU2015  
(32) 10.11.2015  
(33) India  
(47) 20.05.2020  

---

(51) C07D 401/12  
(11) EP3105220  
(21) EP15706185.4  
(22) 13.02.2015  
(54) PROCESS FOR MANUFACTURING  
PYRIMIDINE SULFAMIDE  
DERIVATIVES  
(73) Idorsia Pharmaceuticals Ltd  
(72) ABELE, Stefan  
FUNEL, Jacques-Alexis  
SCHINDELHOLZ, Ivan  
(74) ir. H.A. Witmans c.s.  
(31) 14155137  
(32) 14.02.2014  
(33) European Patent Office (EPO)  
(47) 01.07.2020  

---

(51) C07F 7/18  
C08K 3/36  
C08K 5/548  
C08L 9/06  
(11) EP3489247  
(21) EP18206633.2  
(22) 16.11.2018  
(54) SILANE COMPOUNDS AND METHOD  
FOR ITS MANUFACTURE  
(73) Evonik Operations GmbH  
(72) Röben, Caren  
Moser, Ralph  
Köpfer, Alexander  
Mayer, Stefanie  
Hasse, Andre  
Forster, Frank  
(74) ir. W.J.J.M. Kempes  
(31) 102017221259  
(32) 28.11.2017  
(33) Germany  
(47) 27.05.2020  

---

(51) C07G 3/00  
C07H 1/00  
C12N 9/24  
C12P 19/18  
(11) EP2347003

(21) EP09824038.5	(33) United States of America	201562168007 P
(22) 23.10.2009	United States of America	201562191690 P
(54) GALACTOSE ALPHA (1-3) GALACTOSE COMPOSITIONS	(47) 20.05.2020	(32) 08.09.2014
(73) Janssen Biotech, Inc.	(51) C07K 14/47	12.12.2014
(72) RAJU, T., Shantha	C07K 14/71	29.05.2015
SCALLON, Bernard, J.	C12Q 1/02	13.07.2015
(74) ir. M.F.J.M. Ketelaars c.s.	G01N 33/567	(33) United States of America
(31) 109296 P	G01N 33/68	United States of America
(32) 29.10.2008	C12Q 1/68	United States of America
(33) United States of America	(11) EP3008213	United States of America
(47) 10.06.2020	(21) EP14810600.8	(47) 24.06.2020
(51) C07K 14/195	(22) 10.06.2014	(51) C07K 16/28
C07K 14/245	(54) DETECTION OF PROTEIN TO PROTEIN INTERACTIONS	(11) EP2668210
C12P 5/00	(73) The Governing Council of the University of Toronto	(21) EP12740001.8
C12P 7/64	(72) STAGLJAR, Igor	(22) 25.01.2012
(11) EP2906587	PETSCHNIGG, Julia	(54) ANTI-KIT ANTIBODIES AND USES THEREOF
(21) EP12719914.9	GROISMAN, Bella	(73) Celldex Therapeutics, Inc.
(22) 02.04.2012	(74) J.M.H. Duyver lic.	(72) HADARI, Yaron
(54) METHODS AND COMPOSITIONS FOR IMPROVED PRODUCTION OF FATTY ACIDS AND DERIVATIVES THEREOF	(31) 201361833304 P	MANDEL-BAUSCH, Elizabeth, M.
(73) Genomatica, Inc.	(32) 10.06.2013	RADKE, Susanne
(72) GREENFIELD, Derek L.	(33) United States of America	SCHLESSINGER, Joseph
HOM, Louis G.	(47) 15.07.2020	SUZUKI, Yoshihisa
SANCHEZ-RIERA, Fernando A.	(51) C07K 14/575	(74) J.M.H. Duyver lic.
HU, Zhihao	(11) EP2528942	(31) 201161507430 P
ARLAGADDA, Vikranth	(21) EP11701543.8	201161537482 P
GROBAN, Eli S.	(22) 27.01.2011	201161436483 P
FRYKMAN, Scott A.	(54) NOVEL COMPOUNDS AND THEIR EFFECTS ON FEEDING BEHAVIOUR	(32) 13.07.2011
(74) ir. M.F.J.M. Ketelaars c.s.	(73) IP2IPO Innovations Limited	21.09.2011
(31) 201161470989 P	(72) BLOOM, Stephen, Robert	26.01.2011
(32) 01.04.2011	(74) ir. M.F.J.M. Ketelaars c.s.	(33) United States of America
(33) United States of America	(31) 201001333	United States of America
(47) 27.05.2020	(32) 27.01.2010	United States of America
(51) C07K 14/32	(33) United Kingdom	(47) 17.06.2020
C12N 15/75	(47) 17.06.2020	(51) C07K 16/44
(11) EP3089990	(51) C07K 16/18	G01N 33/94
(21) EP14821373.9	C07K 16/28	(11) EP2888590
(22) 05.12.2014	(11) EP3356401	(21) EP13831110.5
(54) ENHANCED PROTEIN EXPRESSION	(21) EP16784322.6	(22) 20.08.2013
(73) Danisco US Inc.	(22) 30.09.2016	(54) ANTIBODIES TO OLANZAPINE AND USE THEREOF
(72) BONGIORNI, Cristina	(54) BINDING MOLECULES WITH MODIFIED J-CHAIN	(73) Janssen Pharmaceutica NV
SCHMIDT, Brian F.	(73) IGM Biosciences, Inc.	(72) HRYHORENKO, Eric
VAN KIMMENADE, Anita	(72) KEYT, Bruce	SANKARAN, Banumathi
(74) ir. H.A. Witmans c.s.	PRESTA, Leonard George	DECORY, Thomas R.
(31) 201361922038 P	BALIGA, Ramesh	TUBBS, Theresa
(32) 30.12.2013	(74) ir. W.J.J.M. Kempes	COLT, Linda
(33) United States of America	(31) 201562235486 P	REMMERIE, Bart M.
(47) 20.05.2020	(32) 30.09.2015	SALTER, Rhys
(51) C07K 14/32	(33) United States of America	DONAHUE, Matthew Garrett
C12P 1/04	(47) 24.06.2020	GONG, Yong
(11) EP3380496	(51) C07K 16/24	(74) ir. M.F.J.M. Ketelaars c.s.
(21) EP16831675.0	(11) EP3191513	(31) 201261691645 P
(22) 21.12.2016	(21) EP15760590.8	(32) 21.08.2012
(54) ENHANCED PROTEIN PRODUCTION AND METHODS THEREOF	(22) 28.08.2015	(33) United States of America
(73) Danisco US Inc.	(54) USE OF RESLIZUMAB TO TREAT MODERATE TO SEVERE EOSINOPHILIC ASTHMA	(47) 08.07.2020
(72) BONGIORNI, Cristina	(73) Cephalon, Inc.	(51) C08B 1/00
NEEF, Jolanda	(72) BRUSSELLE, Guy	C08B 16/00
SCHMIDT, Brian F.	O'BRIEN, Christopher	C08J 11/08
VAN KIMMENADE, Anita	ZANGRILLI, James	D01F 1/10
VAN DIJL, Jan Maarten	SHAH, Tushar	D01F 2/00
(74) ir. H.A. Witmans c.s.	(74) ir. W.J.J.M. Kempes	D21H 11/12
(31) 201562387578 P	(31) 201462047248 P	D21H 11/14
201662308440 P	201462091150 P	D21H 11/20
(32) 23.12.2015		D21H 13/08
15.03.2016		(11) EP3411415
		(21) EP17705965.6
		(22) 01.02.2017

- (54) METHOD FOR PRODUCING REGENERATED CELLULOSE FIBERS FROM COTTON CONTAINING TEXTILE WASTE  
(73) SaXcell B.V.  
(72) BRINKS, Gerrit Johannes  
BOUWHUIS, Gerhard Herman  
AGRAWAL, Pramodkumar Bhagwandas  
GOOIJER, Hendrik  
OELERICH, Jens Josef  
(74) ir. H.A. Witmans c.s.  
(31) 2016190  
(32) 01.02.2016  
(33) Netherlands  
(47) 01.07.2020  
(51) C08F 2/02  
C08F 2/34  
C08F 4/06  
C08F 297/08  
C08L 23/10  
C08L 23/12  
C08L 23/16  
(11) EP2970646  
(21) EP14775618.3  
(22) 13.03.2014  
(54) POLYPROPYLENE IMPACT COPOLYMERS WITH LOW HAZE  
(73) Braskem America, Inc.  
(72) DIAS, Peter, Simon  
MEVERDEN, Craig Charles  
CATALINA, Edward, E.  
CUTHBERT, Thomas  
MAJEWSKI, Rita  
WILSON, Debra, R.  
(74) ir. H.A. Witmans c.s.  
(31) 201361783894 P  
(32) 14.03.2013  
(33) United States of America  
(47) 19.08.2020  
(51) C08F 4/80  
C08F 110/02  
(11) EP3491031  
(21) EP17801505.3  
(22) 28.07.2017  
(54) SELF-ASSEMBLED CATALYSTS AND USE THEREOF IN OLEFIN POLYMERIZATION  
(73) Council of Scientific & Industrial Research  
(72) CHIKKALI, Samir Hujur  
MOTE, Nilesh Rajesh  
(74) ir. W.J.J.M. Kempes  
(31) 201611025820  
(32) 28.07.2016  
(33) India  
(47) 13.05.2020  
(51) C08F 32/02  
C08G 61/08  
C08K 5/00  
C08K 5/14  
C08K 5/16  
C08K 5/29  
C08L 45/00  
C08L 65/00  
(11) EP2721106  
(21) EP12801260.6  
(22) 17.06.2012
- (54) ADHESION PROMOTERS AND GEL-MODIFIERS FOR OLEFIN METATHESIS COMPOSITIONS  
(73) Materia, Inc.  
(72) WANG, Li-sheng  
STEPHEN, Anthony, R.  
BOOTHE, Paul, W.  
SCHULZE, Tessa  
GIARDELLO, Michael, A.  
TRIMMER, Mark, S.  
CRUCE, Christopher, J.  
MOTAMEDI, Farshad, J.  
EDGEcombe, Brian  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 201161498528 P  
201261654744 P  
(32) 17.06.2011  
01.06.2012  
(33) United States of America  
United States of America  
(47) 03.06.2020  
(51) C08F 214/26  
(11) EP3390470  
(21) EP16809420.9  
(22) 14.12.2016  
(54) METHOD OF MANUFACTURING FLUOROELASTOMERS  
(73) Solvay Specialty Polymers Italy S.p.A.  
(72) DOSSI, Marco  
AVATANE0, Marco  
(74) ir. W.J.J.M. Kempes  
(31) 15199930  
(32) 14.12.2015  
(33) European Patent Office (EPO)  
(47) 13.05.2020  
(51) C08F 220/18  
C08F 290/04  
C10M 145/14  
(11) EP3507350  
(21) EP17758149.3  
(22) 28.08.2017  
(54) COMB POLYMERS FOR IMPROVING NOACK EVAPORATION LOSS OF ENGINE OIL FORMULATIONS  
(73) Evonik Operations GmbH  
(72) SCHÖLLER, Katrin  
MAIER, Stefan  
LIPPERT, Sarah  
SCHIMOSSEK, Klaus  
(74) ir. W.J.J.M. Kempes  
(31) 16186495  
(32) 31.08.2016  
(33) European Patent Office (EPO)  
(47) 27.05.2020  
(51) C08G 2/08  
C08G 2/22  
C08G 4/00  
C08G 18/56  
C08G 18/75  
C08G 18/76  
C08G 101/00  
C08K 5/00  
(11) EP3504256  
(21) EP17754181.0  
(22) 23.08.2017  
(54) METHOD FOR PRODUCING POLYURETHANE POLYMERS WITH REDUCED CALORIC VALUE
- (73) Covestro Deutschland AG  
(72) GÜRTLER, Christoph  
MARKER, Volker  
MÜLLER, Thomas, Ernst  
LEVEN, Matthias  
BIZZARRI, Claudia  
LEITNER, Walter  
(74) ir. W.J.J.M. Kempes  
(31) 16185744  
(32) 25.08.2016  
(33) European Patent Office (EPO)  
(47) 08.07.2020  
(51) C08G 18/08  
C08G 18/12  
C08G 18/32  
C09D 175/14  
(11) EP2836530  
(21) EP13720272.7  
(22) 10.04.2013  
(54) POLYMER, COMPOSITION AND USE  
(73) DSM IP Assets B.V.  
(72) TENNEBROEK, Ronald  
SWAANS, Roel Johannes Marinus  
KOK, DE, Paul  
(74) ir. W.J.J.M. Kempes  
(31) 12163515  
(32) 10.04.2012  
(33) European Patent Office (EPO)  
(47) 27.05.2020  
(51) C08G 18/20  
C08G 18/48  
C08G 18/72  
C08G 18/79  
C08K 3/00  
(11) EP3380539  
(21) EP16791045.4  
(22) 07.11.2016  
(54) A CURABLE POLYURETHANE COMPOSITION FOR THE PREPARATION OF OUTDOOR ARTICLES, AND THE ARTICLES OBTAINED THEREFROM  
(73) Huntsman Advanced Materials Licensing (Switzerland) GmbH  
(72) BEISELE, Christian  
CHEN, Hongyan  
HISHIKAWA, Satoru  
(74) ir. M.B. Plaggenborg  
(31) PCT/CN2015/095284  
(32) 23.11.2015  
(33) World Intellectual Property Office (WIPO)  
(47) 20.05.2020  
(51) C08G 18/42  
C08G 18/73  
C08G 18/76  
C08G 63/08  
C08G 63/78  
C09J 175/06  
(11) EP2976372  
(21) EP14712274.1  
(22) 21.03.2014  
(54) ADHESIVE COMPOSITION BASED ON A POLYESTER URETHANE, AND POLYESTER URETHANE  
(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.  
Westfälische Hochschule Gelsenkirchen  
Bocholt Recklinghausen

- (72) BRETZ, Inna  
KUREK, Johanna  
KOPITZKY, Rodion  
KABASCI, Stephan  
KOCH, Klaus-Uwe  
SCHOLLMEYER, Heike  
(74) ir. H.A. Witmans c.s.  
(31) 102013205110  
(32) 22.03.2013  
(33) Germany  
(47) 03.06.2020  
(51) C08G 59/40  
C08J 3/20  
C08K 3/22  
C08K 5/50  
C08L 63/00  
C08L 71/10  
(11) EP3464448  
(21) EP17727142.6  
(22) 22.05.2017  
(54) POLYMER-TOUGHENED EPOXY  
COMPOSITE MATERIAL AND ITS  
PREPARATION PROCESS  
(73) Université Claude Bernard Lyon 1  
Centre National de la Recherche  
Scientifique  
Institut National Des Sciences  
Appliquées De Lyon  
Université Jean Monnet Saint Etienne  
(72) LIVI, Sébastien  
(74) J.M.H. Duyver lic.  
(31) 1654647  
1657349  
(32) 24.05.2016  
29.07.2016  
(33) France  
France  
(47) 20.05.2020  
(51) C08H 7/00  
C08L 97/00  
(11) EP2861651  
(21) EP14744150.5  
(22) 14.03.2014  
(54) METHOD FOR PRODUCTION OF DRY  
HYDROLYTIC LIGNIN  
(73) Synergy Horizon Limited  
(72) MIKHNEVICH, Ivan  
ZHALEZNIK, Mikhail  
ASADCHENKO, Nikolay  
DASHCHUK, Yury  
(74) ir. H.J.G. Lips c.s.  
(31) 201361787924 P  
201361834565 P  
201314014590  
201414184690  
(32) 15.03.2013  
13.06.2013  
30.08.2013  
19.02.2014  
(33) United States of America  
United States of America  
United States of America  
United States of America  
(47) 08.07.2020  
(51) C08H 8/00  
(11) EP3484945  
(21) EP17737286.9  
(22) 11.07.2017
- (54) METHOD FOR TREATING  
LIGNOCELLULOSIC BIOMASS  
BY IMPREGNATION AND STEAM  
EXPLOSION  
(73) Institut National De La Recherche  
Agronomique  
IFP Energies nouvelles  
Agro Industries Recherche Et  
Developpement  
(72) HUDEBINE, Damien  
ROUSSET, Romain  
CARNNOT, Olivier  
(74) ir. W.J.J.M. Kempes  
(31) 1656829  
(32) 18.07.2016  
(33) France  
(47) 03.06.2020  
(51) C08J 5/18  
C08L 23/06  
(11) EP2646509  
(21) EP11791280.8  
(22) 02.12.2011  
(54) HIGH MOLECULAR WEIGHT  
POLYETHYLENE  
(73) Teijin Aramid B.V.  
(72) RASTOGI, Sanjay  
RONCA, Sara  
FORTE, Giuseppe  
TJADEN, Hendrik Jacob  
(74) J.M.H. Duyver lic.  
(31) 10193681  
(32) 03.12.2010  
(33) European Patent Office (EPO)  
(47) 15.07.2020  
(51) C08J 9/00  
C08K 5/00  
C08K 5/521  
C09K 21/14  
(11) EP3388480  
(21) EP18162259.8  
(22) 16.03.2018  
(54) POLY(ALKYLENPHOSPHATES) WITH  
REDUCED HYGROSCOPICITY  
(73) LANXESS Deutschland GmbH  
(72) HANSEL, Jan-Gerd  
TEBBE, Heiko  
(74) ir. W.J.J.M. Kempes  
(31) 17165686  
(32) 10.04.2017  
(33) European Patent Office (EPO)  
(47) 03.06.2020  
(51) C08K 3/08  
C08K 5/00  
C09J 9/02  
C09J 11/04  
C09J 163/00  
C09J 179/04  
C09J 201/00  
H01L 21/52  
C09J 7/30  
(11) EP3216837  
(21) EP16780036.6  
(22) 12.04.2016  
(54) ELECTRICALLY CONDUCTIVE  
ADHESIVE FILM AND DICING DIE  
BONDING FILM  
(73) Furukawa Electric Co., Ltd.  
(72) MIHARA, Naoaki
- KIRIKAE, Noriyuki  
SUGIYAMA, Jirou  
(74) dr. W.A.H.M. Van Borm  
(31) 2015084094  
(32) 16.04.2015  
(33) Japan  
(47) 15.07.2020  
(51) C08K 3/22  
C08K 3/24  
C08K 5/00  
C08K 5/16  
C08K 5/3492  
C08K 5/524  
C08K 5/5313  
C08K 9/02  
C08K 3/00  
(11) EP2593505  
(21) EP11738163.2  
(22) 06.07.2011  
(54) FLAME RETARDANT-STABILIZER  
COMBINATION FOR THERMOPLASTIC  
POLYMERS  
(73) Clariant International Ltd  
(72) HÖROLD, Sebastian  
WANZKE, Wolfgang  
SCHLOSSER, Elke  
(74) J.M.H. Duyver lic.  
(31) 102010026973  
(32) 13.07.2010  
(33) Germany  
(47) 13.05.2020  
(51) C08K 5/523  
C08K 5/526  
C08K 5/53  
C08K 5/5317  
C08K 5/5333  
(11) EP3334780  
(21) EP16754441.0  
(22) 04.08.2016  
(54) 3-PHENYL-BENZOFURAN-2-  
ONE DERIVATIVES CONTAINING  
PHOSPHORUS AS STABILIZERS  
(73) BASF SE  
(72) HOELZL, Werner  
KING, Roswell, III  
PAUQUET, Jean-Roch  
(74) ir. W.J.J.M. Kempes  
(31) 15180400  
(32) 10.08.2015  
(33) European Patent Office (EPO)  
(47) 03.06.2020  
(51) C08L 1/02  
D21C 9/00  
D21H 11/18  
D21H 17/67  
(11) EP3524730  
(21) EP19162026.9  
(22) 26.04.2011  
(54) PROCESS FOR THE PRODUCTION OF  
GEL-BASED COMPOSITE MATERIALS  
(73) FiberLean Technologies Limited  
(72) GANE, Patrick A.C.  
SCHENKER, Michel  
SUBRAMANIAN, Ramjee  
SCHOELKOPF, Joachim  
(74) dr. W.A.H.M. Van Borm  
(31) 10161173  
34377410 P

(32) 27.04.2010	(11) EP3186325	(74) ir. J.C. Volmer c.s.
04.05.2010	(21) EP15753063.5	(31) 201161476025 P
(33) European Patent Office (EPO)	(22) 24.08.2015	201161476043 P
United States of America	(54) SEMI-TRANSPARENT SEPARATING	201161475930 P
(47) 03.06.2020	FILM FOR UV-SENSITIVE PRESSURE-	201161475937 P
(51) C08L 23/12	SENSITIVE ADHESIVES	201161475943 P
C08L 23/14	(73) Sika Technology AG	201161475946 P
(11) EP3494175	(72) HÜBSCHER, Peter	201161475949 P
(21) EP17740024.9	(74) ir. W.J.J.M. Kempes	201161475956 P
(22) 18.07.2017	(31) 14182521	201161475959 P
(54) FIBER REINFORCED	(32) 27.08.2014	201161475968 P
POLYPROPYLENE COMPOSITE	(33) European Patent Office (EPO)	201161475971 P
(73) Borealis AG	(47) 03.06.2020	201161475973 P
(72) LUMMERSTORFER, Thomas	(51) C09K 8/035	201161475977 P
JERABEK, Michael	(11) EP2627726	201161475981 P
SOBCZAK, Lukas	(21) EP11721730.7	201161475991 P
PRETSCHUH, Claudia	(22) 06.05.2011	201161475996 P
(74) drs. O. Griebing	(54) CLAY INHIBITORS FOR THE DRILLING	201161476049 P
(31) 16182580	INDUSTRY	(32) 15.04.2011
(32) 03.08.2016	(73) Lamberti Spa	15.04.2011
(33) European Patent Office (EPO)	(72) MERLI, Luigi	15.04.2011
(47) 10.06.2020	GIANI, Francesca	15.04.2011
(51) C09D 5/00	PIROVANO, Pierangelo	15.04.2011
(11) EP3365394	FLORIDI, Giovanni	15.04.2011
(21) EP16788920.3	LI BASSI, Giuseppe	15.04.2011
(22) 21.10.2016	(74) ir. H.A. Witmans c.s.	15.04.2011
(54) NOX REDUCING COATINGS AND	(31) VA20100076	15.04.2011
METHODS FOR REDUCING NOX	(32) 13.10.2010	15.04.2011
THEREWITH	(33) Italy	15.04.2011
(73) Tronox LLC	(47) 05.02.2020	15.04.2011
(72) KERROD, Julie	(51) C09K 8/035	15.04.2011
WINN, Kim	C10G 29/06	15.04.2011
(74) ir. M.F.J.M. Ketelaars c.s.	C10G 29/22	15.04.2011
(31) 201562244217 P	(11) EP2958973	15.04.2011
(32) 21.10.2015	(21) EP14754277.3	15.04.2011
(33) United States of America	(22) 19.02.2014	(33) United States of America
(47) 03.06.2020	(54) METHOD FOR TREATING FLUIDS	United States of America
(51) C09D 5/08	CONTAMINATED WITH HYDROGEN	United States of America
C09D 163/00	SULPHIDE BY INTRODUCING LOW	United States of America
(11) EP3137560	VISCOSITY ZINC OCTOATE	United States of America
(21) EP15720036.1	(73) Baker Hughes, a GE company, LLC	United States of America
(22) 24.04.2015	(72) SANDU, Corina, L.	United States of America
(54) COATING METHOD FOR SURFACES IN	BAO, Yun	United States of America
CHEMICAL INSTALLATIONS	WEERS, Jerry, J.	United States of America
(73) Akzo Nobel Coatings International B.V.	POLAND, Ross	United States of America
(72) WRIGHT, Anthony Colin	LEUNG, Philip, L.	United States of America
UNTHANK, Matthew George	ZHANG, Lei	United States of America
CAMERON, Colin	SCHIELD, John, A.	United States of America
(74) ir. W.J.J.M. Kempes	(31) 201361766512 P	United States of America
(31) 14166421	201414183109	United States of America
(32) 29.04.2014	(32) 19.02.2013	United States of America
(33) European Patent Office (EPO)	18.02.2014	United States of America
(47) 03.06.2020	(33) United States of America	(47) 17.06.2020
(51) C09D 123/08	United States of America	(51) C10B 49/22
(11) EP3143089	(47) 27.05.2020	F22B 31/00
(21) EP15723748.8	(51) C10B 47/30	F23C 10/00
(22) 15.05.2015	C10B 49/02	F23C 10/02
(54) COATING COMPOSITION	C10B 53/02	F23C 10/04
(73) IMERTECH SAS	C10L 5/44	(11) EP2107099
(72) PRATT, Gareth	C01B 32/30	(21) EP09397508.4
BIZA, Peter	(11) EP2697185	(22) 26.03.2009
(74) ir. C.G.C. Veldman-Dijkers	(21) EP12771449.1	(54) A METHOD FOR PERFORMING
(31) 201408675	(22) 13.04.2012	PYROLYSIS AND A PYROLYSIS
(32) 15.05.2014	(54) PROCESSES FOR PRODUCING HIGH-	APPARATUS
(33) United Kingdom	CARBON BIOGENIC REAGENTS	(73) Valmet Technologies Oy
(47) 08.07.2020	(73) Carbon Technology Holdings, LLC	(72) LEHTO, Jani
(51) C09J 7/40	(72) MENNELL, James, A.	(74) ir. H.A. Witmans c.s.
	DESPEN, Daniel, J.	(31) 20085261

(32) 31.03.2008	(51) C10M 135/30	European Patent Office (EPO)
(33) Finland	C10M 159/22	European Patent Office (EPO)
(47) 03.06.2020	C10N 30/04	European Patent Office (EPO)
(51) C10G 1/06	C10N 30/08	(47) 10.06.2020
C10G 3/00	C10N 30/10	(51) C12M 1/34
C10G 7/00	C10N 40/04	C12M 3/00
C10G 7/06	C10N 40/25	C12Q 1/00
(11) EP3450524	(11) EP3390592	G01N 33/15
(21) EP18190064.8	(21) EP16813336.1	G01N 33/50
(22) 21.08.2018	(22) 07.12.2016	(11) EP2844733
(54) METHOD FOR CONVERTING	(54) PROTECTED MERCAPTOPHENOLS	(21) EP13778454.2
A CONVENTIONAL OIL,	FOR LUBRICATING COMPOSITIONS	(22) 18.04.2013
PETROCHEMICAL OR CHEMICAL	(73) The Lubrizol Corporation	(54) IN VITRO MODEL FOR
PLANT INTO A BIOREFINERY	(72) DURA, Robert, D.	PATHOLOGICAL OR PHYSIOLOGIC
(73) Water And Soil Remediation S.r.l.	(74) dr. W.A.H.M. Van Borm	CONDITIONS
(72) PRANDI, Alberto	(31) 201562268753 P	(73) Hemoshear, LLC
(74) ir. J.C. Volmer c.s.	(32) 17.12.2015	(72) BLACKMAN, Brett, R.
(31) 201700098243	(33) United States of America	WAMHOFF, Brian, R.
(32) 01.09.2017	(47) 10.06.2020	DASH, Ajit
(33) Italy	(51) C11D 3/04	SIMMERS, Michael, B.
(47) 03.06.2020	C11D 3/20	FEAVER, Ryan, E.
(51) C10G 17/00	C11D 3/22	(74) dr. W.A.H.M. Van Borm
C10G 21/16	C11D 3/37	(31) 201261635118 P
C10G 21/20	C11D 3/39	201261724864 P
C10G 27/00	C11D 3/395	(32) 18.04.2012
C10G 27/02	C11D 11/00	09.11.2012
C10G 27/04	C11D 17/00	(33) United States of America
C10G 27/10	C11D 17/06	United States of America
C10G 27/12	(11) EP3105310	(47) 15.07.2020
C10G 29/02	(21) EP15703833.2	(51) C12N 5/079
C10G 29/16	(22) 10.02.2015	(11) EP2880151
C10G 53/04	(54) NOVEL PERACID-CONTAINING	(21) EP13767124.4
C10G 53/12	PARTICLE	(22) 04.08.2013
C10G 53/14	(73) Società Chimica Bussi S.p.A.	(54) METHODS OF GENERATING
(11) EP2970795	(72) FINDLAY, Paul Hugh	MESENCHYMAL STEM CELLS WHICH
(21) EP14765605.2	PEARS, David Alan	SECRETE NEUROTROPHIC FACTORS
(22) 14.03.2014	DUNCALF, David John	(73) Brainstorm Cell Therapeutics Ltd.
(54) PROCESS FOR REMOVING	HUGHES, Melanie Jane	(72) GOTHELF, Yael
SULPHUR COMPOUNDS FROM	SCULLION, Lisa Elizabeth	LEVY, Yosef
HYDROCARBONS	(74) ir. A.R. Aalbers	BURSHTEIN, Alex
(73) Ultraclean Fuel Pty Ltd.	(31) 201402257	(74) ir. W.J.J.M. Kempes
(72) GARGANO, Gordon, John	(32) 10.02.2014	(31) 201261679822 P
HALPERN, Marc, Edward	(33) United Kingdom	(32) 06.08.2012
(74) J.M.H. Duyver lic.	(47) 27.05.2020	(33) United States of America
(31) 201361790749 P	(51) C11D 3/386	(47) 03.06.2020
201361841870 P	(11) EP3406697	(51) C12N 9/10
(32) 15.03.2013	(21) EP18176552.0	C12P 21/00
15.03.2013	(22) 10.04.2015	(11) EP3423587
(33) United States of America	(54) DETERGENT COMPOSITION	(21) EP17737380.0
United States of America	(73) Novozymes A/S	(22) 30.03.2017
(47) 27.05.2020	(72) GORI, Klaus	(54) A MULTIFUNCTIONAL RECOMBINANT
(51) C10K 1/04	ALLESEN-HOLM, Marie	NUCLEOTIDE DEPENDENT
C10K 1/32	BALTSEN, Lilian, Eva, Tang	GLYCOSYLTRANSFERASE
(11) EP3132007	NOERGAARD, Allan	PROTEIN AND ITS METHOD OF
(21) EP15715290.1	LEHMBECK, Jan	GLYCOSYLATION THEREOF
(22) 14.04.2015	(74) ir. M.F.J.M. Ketelaars c.s.	(73) Council of Scientific & Industrial
(54) METHOD FOR TREATMENT	(31) 14164424	Research
OF SYNTHESIS GAS FROM	14166842	(72) RAO, Alka
GASIFICATION	14170342	NAGAR, Rupa
(73) ENGIE	14172544	(74) ir. M.F.J.M. Ketelaars c.s.
(72) LEGRAND, Frédéric	15154471	(31) 201611011974
KARA, Yilmaz	(32) 11.04.2014	(32) 05.04.2016
MARCHAND, Bernard	02.05.2014	(33) India
(74) J.M.H. Duyver lic.	28.05.2014	(47) 24.06.2020
(31) 1453328	16.06.2014	(51) C12N 15/09
(32) 14.04.2014	10.02.2015	G01N 33/53
(33) France	(33) European Patent Office (EPO)	C12Q 1/68
(47) 17.06.2020	European Patent Office (EPO)	(11) EP2878671

- (21) EP13820642.0  
(22) 19.07.2013  
(54) PHOTOCOUPPLING METHOD  
USING PROBE CONTAINING  
PHOTORESPONSIVE NUCLEIC ACIDS  
(73) LSI Medience Corporation  
(72) WAKAMATSU, Hirotake  
YANAGIHARA, Akira  
TERASAKI, Hiroshi  
FUGONO, Nobutake  
SHIMADZU, Mitsunobu  
FUJIMOTO, Kenzo  
(74) ir. F.A. Geurts c.s.  
(31) 2012161834  
2012270614  
(32) 20.07.2012  
11.12.2012  
(33) Japan  
Japan  
(47) 03.06.2020  
(51) C12N 15/11  
G01N 33/53  
C12N 15/113  
C12Q 1/68  
C12Q 1/6886  
G16H 50/30  
(11) EP2773777  
(21) EP12846126.6  
(22) 31.10.2012  
(54) GENETIC ALTERATIONS IN  
GLIOBLASTOMA  
(73) University of Utah Research Foundation  
(72) ALTER, Orly  
(74) dr. W.A.H.M. Van Borm  
(31) 201161553840 P  
201161553870 P  
(32) 31.10.2011  
31.10.2011  
(33) United States of America  
United States of America  
(47) 13.05.2020  
(51) C12N 15/867  
(11) EP3394271  
(21) EP16819072.6  
(22) 20.12.2016  
(54) STABLE INTEGRATION OF SIN  
LENTIVIRAL TRANSFER VECTORS  
(73) MolMed SpA  
(72) STORNAIUOLO, Anna  
BOVOLENTA, Chiara  
MAVILIO, Fulvio  
RIZZARDI, Gian Paolo  
(74) dr. W.A.H.M. Van Borm  
(31) 15201510  
(32) 21.12.2015  
(33) European Patent Office (EPO)  
(47) 20.05.2020  
(51) C12P 7/06  
C12P 19/02  
C12P 19/14  
(11) EP3268484  
(21) EP16710650.9  
(22) 11.03.2016  
(54) MULTI-STAGE ENZYMATIC  
HYDROLYSIS OF LIGNOCELLULOSIC  
BIOMASS  
(73) Novozymes A/S  
BETA RENEWABLES S.p.A.
- (72) FRICKMANN, Jesper  
BELFRAGE, Johan  
ABBATE, Eric  
OSBORN, David  
MOXLEY, Geoffrey  
RIVA, Daniele  
OTONELLO, Piero  
FERRERO, Simone  
PURROTTI, Micol  
PARAVISI, Stefano  
PREFUMO, Chiara  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 201562132126 P  
(32) 12.03.2015  
(33) United States of America  
(47) 17.06.2020  
(51) C12P 7/14  
C12P 7/18  
C12P 7/24  
C12P 7/40  
C12P 7/46  
C12P 7/50  
C12P 19/02  
C12P 19/14  
C13K 13/00  
(11) EP2920317  
(21) EP13789296.4  
(22) 08.11.2013  
(54) METHOD FOR OBTAINING SUGAR  
DERIVATIVES  
(73) Annikki GmbH  
(72) WIRTZ, Dörthe Hendrike  
MAYER, Bernd  
(74) ir. H.A. Witmans c.s.  
(31) 505112012  
(32) 14.11.2012  
(33) Austria  
(47) 10.06.2020  
(51) C12Q 1/68  
C12Q 1/6809  
C12Q 1/6827  
C12Q 1/6876  
C12Q 1/6883  
G16B 20/00  
G16B 30/00  
G16B 45/00  
(11) EP3456844  
(21) EP18186518.9  
(22) 12.04.2012  
(54) RESOLVING GENOME FRACTIONS  
USING POLYMORPHISM COUNTS  
(73) Verinata Health, Inc.  
(72) RAVA, Richard P.  
RHEES, Brian K.  
BURKE, John P.  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 201161474362 P  
(32) 12.04.2011  
(33) United States of America  
(47) 10.06.2020  
(51) C22B 1/00  
H01M 6/52  
H01M 10/54  
(11) EP3289627  
(21) EP16719400.0  
(22) 28.04.2016  
(54) METHOD FOR RECYCLING  
USED BATTERIES, ESPECIALLY
- RECHARGEABLE BATTERIES AND  
BATTERY PROCESSING PLANT  
(73) Duesenfeld GmbH  
(72) HANISCH, Christian  
WESTPHAL, Bastian  
HASELRIEDER, Wolfgang  
SCHOENITZ, Martin  
(74) ir. J.C. Volmer c.s.  
(31) 102015207843  
(32) 28.04.2015  
(33) Germany  
(47) 20.05.2020  
(51) C22B 7/00  
(11) EP2513348  
(21) EP10792841.8  
(22) 13.12.2010  
(54) PROCESS FOR RECOVERING  
METALS FROM A STREAM  
RICH IN HYDROCARBONS AND  
CARBONACEOUS RESIDUES  
(73) ENI S.p.A.  
(72) BARTOLINI, Andrea  
POLLESEL, Paolo  
SENTIMENTI, Emilio  
CHECCHIN, Michele  
(74) J.M.H. Duyver lic.  
(31) MI20092182  
(32) 14.12.2009  
(33) Italy  
(47) 27.05.2020  
(51) C22C 9/02  
C23C 28/02  
C25D 5/10  
C25D 5/12  
C25D 5/50  
C25D 7/00  
H01R 13/03  
(11) EP3187627  
(21) EP15836786.2  
(22) 20.08.2015  
(54) CONDUCTIVE MATERIAL FOR  
CONNECTION PARTS WHICH HAS  
EXCELLENT FRETTING WEAR  
RESISTANCE  
(73) Kabushiki Kaisha Kobe Seiko Sho (Kobe  
Steel, Ltd.)  
(72) TSURU Masahiro  
SUMINO Yuya  
(74) ir. H.A. Witmans c.s.  
(31) 2014170879  
2014170956  
2014172281  
(32) 25.08.2014  
25.08.2014  
27.08.2014  
(33) Japan  
Japan  
Japan  
(47) 05.08.2020  
(51) C23C 2/00  
C23C 2/14  
C23C 2/18  
C23C 2/20  
C23C 2/36  
(11) EP3504352  
(21) EP17754711.4  
(22) 17.08.2017

(54) METHOD AND APPARATUS FOR COATING A METAL SHEET	C23G 3/02	KÜBLER, Beat
(73) Fontaine Engineering und Maschinen GmbH	(11) EP3330407	(74) dr. W.A.H.M. Van Borm
(72) BEHRENS, Holger	(21) EP17789025.8	(31) 09156683
KÜMMEL, Lutz	(22) 22.02.2017	212108 P
DAUBE, Thomas	(54) PICKLING DEVICE	(32) 30.03.2009
RICHTER, Gernot	(73) Primetals Technologies Japan, Ltd.	06.04.2009
TALEB-ARAGHI, Babak	(72) NAKATSUKA, Ryusuke	(33) European Patent Office (EPO)
FONTAINE, Pascal	TSUJI, Kosei	United States of America
ZIELENBACH, Michael	SUEMORI, Hideaki	(47) 24.06.2020
(74) ir. H.A. Witmans c.s.	NAKAMURA, Koichi	(51) E01B 27/06
(31) 102016216131	(74) ir. A. Blokland c.s.	(11) EP2906753
102016222230	(31) 2016089230	(21) EP13786271.0
(32) 26.08.2016	(32) 27.04.2016	(22) 06.11.2013
11.11.2016	(33) Japan	(54) SYSTEM FOR RAIL-BOUND
(33) Germany	(47) 17.06.2020	TRANSPORT OF OBJECTS
Germany	(51) C25B 1/00	(73) K&K Maschinenentwicklungs GmbH & Co. KG
(47) 24.06.2020	C25B 1/12	(72) KNAPE, Christian
(51) C23C 4/02	C25B 9/08	KNAPE, Steffen
C23C 4/18	C25B 15/02	(74) ir. M.F.J.M. Ketelaars c.s.
C23C 28/00	C25B 15/08	(31) 102012220907
F01D 5/18	(11) EP3158111	(32) 15.11.2012
F01D 5/28	(21) EP15744473.8	(33) Germany
(11) EP2322683	(22) 04.06.2015	(47) 27.05.2020
(21) EP09014306.6	(54) ELECTROLYSIS METHOD	(51) E01C 5/00
(22) 16.11.2009	AND ELECTROLYSIS SYSTEM	E01C 5/20
(54) COATING METHOD FOR A COMPONENT WITH PARTIALLY CLOSED HOLES AND METHOD FOR OPENING THE HOLES	COMPRISING RECIRCULATING FLUSHING MEDIA	E01C 11/22
(73) Siemens Aktiengesellschaft	(73) SunFire GmbH	E03F 3/04
(72) Ladru, Francis-Jurjen	(72) VON OLSHAUSEN, Christian	(11) EP3388577
Massa, Andrea	BRABANDT, Jörg	(21) EP18000337.8
Melzer-Jokisch, Torsten	SCHAARMANN, Dirk	(22) 06.04.2018
Motzkus, Ralf	(74) dr. W.A.H.M. Van Borm	(54) SYSTEM FOR DEWATERING
Oppert, Andreas	(31) 102014108085	(73) MEA Bautechnik GmbH
Thomaidis, Dimitrios	(32) 06.06.2014	(72) Lenk, Peter
(74) ir. M.F.J.M. Ketelaars c.s.	(33) Germany	Zeiselmair, Wolfgang
(47) 03.06.2020	(47) 29.07.2020	Naujoks, Volker
(51) C23C 18/16	(51) D04B 21/12	(74) ir. M.F.J.M. Ketelaars c.s.
C23C 18/20	D04B 23/22	(31) 202017001997 U
C23C 18/24	(11) EP3452650	(32) 13.04.2017
C23C 18/30	(21) EP16788656.3	(33) Germany
C25B 1/04	(22) 24.10.2016	(47) 17.06.2020
C25B 1/30	(54) SYNTHETIC NETTING WITH DOUBLE WARP CHAINS	(51) E02F 3/90
C25D 5/56	(73) Karatzis S.A. Industrial & Hotelier Enterprises	E02F 3/92
C25D 21/14	(72) KARATZIS, Antonios	E02F 5/28
C25D 21/22	(74) dr. G. Visser-Luirink	(11) EP2434061
H01M 8/0656	(31) 102016108342	(21) EP11182998.2
(11) EP3414364	(32) 04.05.2016	(22) 27.09.2011
(21) EP17704469.0	(33) Germany	(54) Dredging device and method for dredging without damaging structures present in the bottom to be dredged
(22) 10.02.2017	(47) 10.06.2020	(73) Baggerwerken Decloedt en Zoon N.V.
(54) METHOD FOR PRE-TREATING PLASTIC PARTS FOR GALVANIC COATING	(51) D21B 1/16	(72) Van der Keere, Luc
(73) Biconex GmbH	D21C 9/00	De Backer, Lien
(72) GÜNTHER, Tobias	D21D 1/00	(74) drs. P.F.H.M. van Someren c.s.
ROOS, Steffen	D21H 11/00	(31) 201000576
MAFFERT, Anika	D21H 11/18	(32) 28.09.2010
HOFINGER, Jürgen	(11) EP2414584	(33) Belgium
WENGRZIK, Stefanie	(21) EP10713884.4	(47) 24.06.2020
(74) ir. M.F.J.M. Ketelaars c.s.	(22) 30.03.2010	(51) E03B 7/07
(31) 102016202175	(54) PROCESS FOR THE PRODUCTION OF NANO-FIBRILLAR CELLULOSE SUSPENSIONS	E03C 1/02
(32) 12.02.2016	(73) FiberLean Technologies Limited	E03C 1/08
(33) Germany	(72) GANE, Patrick A.C.	(11) EP3469154
(47) 03.06.2020	SCHOELKOPF, Joachim	(21) EP17732601.4
(51) C23G 1/08	GANTENBEIN, Daniel	(22) 09.06.2017
	SCHENKER, Michel	(54) COUPLING DEVICE FOR COUPLING AND DECOUPLING A FLOW REGULATING DEVICE FROM A WATER PIPING SYSTEM
	POHL, Michael	



(73) Vitaplus Nederland B.V.	(11) EP3350392	(21) EP13732216.0
(72) VAN DER UPWICH, Stijn	(21) EP16769969.3	(22) 18.06.2013
(74) drs. P.F.H.M. van Someren c.s.	(22) 16.09.2016	(54) SAFETY DEVICE AND METHOD
(31) 2016939	(54) A SMART LOCK, SYSTEM AND METHOD	(73) Safehinge Limited
(32) 10.06.2016	(73) Glue AB	(72) IZOD, Martin
(33) Netherlands	(72) LIDDELL, Sarah	(74) dr. A. Krebs
(47) 13.05.2020	LEE, Tai Jung	(31) 201210841
(51) E03C 1/046	GUSCOTT, Andrew	(32) 19.06.2012
(11) EP2210987	THIERS, Nicolas	(33) United Kingdom
(21) EP10004506.1	LEBRUN, Dany	(47) 22.07.2020
(22) 27.11.2006	(74) ir. M.F.J.M. Ketelaars c.s.	(51) E06B 9/42
(54) Washing device	(31) 201516435	(11) EP2986801
(73) Gjosa SA	(32) 16.09.2015	(21) EP14725322.3
(72) Mock, Elmar	(33) United Kingdom	(22) 15.04.2014
Klopfenstein, André	(47) 13.05.2020	(54) BATTERY-POWERED ROLLER SHADE WITH INTEGRATED ACCESSIBLE BATTERY COMPARTMENT
Torriani, Laurent	(51) E05B 47/00	(73) Lutron Technology Company LLC
(74) ir. H.A. Witmans c.s.	E05B 47/06	(72) KIRBY, David A.
(31) 18902005	(11) EP3530847	CHAMBERS, Samuel F.
(32) 29.11.2005	(21) EP18192832.6	(74) ir. C.G.C. Veldman-Dijkers
(33) Switzerland	(22) 05.09.2018	(31) 201361811978 P
(47) 27.05.2020	(54) DIGITAL LOCK	(32) 15.04.2013
(51) E03C 1/28	(73) Axtuator Oy	(33) United States of America
E03C 1/298	(72) Pukari, Mika	(47) 15.07.2020
F16K 15/14	(74) ir. M.F.J.M. Ketelaars c.s.	(51) E06B 9/64
(11) EP3498925	(31) 201815958604	E06B 9/72
(21) EP17207676.2	201862633316 P	(11) EP2655780
(22) 15.12.2017	(32) 20.04.2018	(21) EP11805518.5
(54) ODOUR CLOSURE DEVICE, IN PARTICULAR FOR A SANITARY DEVICE	21.02.2018	(22) 22.12.2011
(73) Viega Technology GmbH & Co. KG	(33) United States of America	(54) MOTORIZED OPERATING DEVICE FOR OPERATING A MOVABLE SCREEN, HAVING A ROLL-UP CANVAS, OF A WINDOW COVERING OR PROJECTION SCREEN DEVICE
(72) Hennes, Frank	United States of America	(73) Somfy Activites SA
Barutta, Monika	(47) 01.07.2020	(72) CAVAREC, Pierre-Emmanuel
Skrodolies, Dr. Klaus	(51) E05B 65/02	LEMAITRE, Sébastien
Sinderhauf, Tim	E05C 9/02	(74) ir. W.J.J.M. Kempes
(74) ir. A. Blokland c.s.	(11) EP3568547	(31) 1061012
(47) 05.08.2020	(21) EP18708902.4	1158959
(51) E03F 1/00	(22) 15.02.2018	(32) 22.12.2010
(11) EP1840283	(54) PUSH ROD LOCK FOR A SWITCHEAR CABINET HOUSING, CORRESPONDING ARRANGEMENT, AND CORRESPONDING METHOD	04.10.2011
(21) EP07104828.4	(73) Rittal GmbH & Co. KG	(33) France
(22) 23.03.2007	(72) BRÜCK, Daniel	France
(54) Closing device of a low-pressure drainage system	(74) ir. M.F.J.M. Ketelaars c.s.	(47) 03.06.2020
(73) Aqseptence Group GmbH	(31) 102017106541	(51) E21B 21/08
(74) ir. J.C. Volmer c.s.	102017114094	G01L 1/16
(31) 102006015480	(32) 27.03.2017	G01L 7/08
202006004908 U	26.06.2017	G01L 9/00
(32) 03.04.2006	(33) Germany	G01L 11/00
24.03.2006	Germany	E21B 47/06
(33) Germany	(47) 10.06.2020	(11) EP3526567
Germany	(51) E06B 1/52	(21) EP17790876.1
(47) 17.06.2020	E06B 3/48	(22) 13.10.2017
(51) E03F 5/02	E06B 3/70	(54) PORE PRESSURE MONITORING DEVICE AND METHOD FOR MONITORING PORE WATER PRESSURE
(11) EP2910698	(11) EP3449078	(73) Fugro N.V.
(21) EP15154730.4	(21) EP17719484.2	(72) HOGERVORST, Franciscus Antonius Nicolaas
(22) 11.02.2015	(22) 24.04.2017	(74) ir. M.F.J.M. Ketelaars c.s.
(54) CULVERT SYSTEM AND METHOD OF FORMING A CULVERT SYSTEM	(54) ASSORTMENT FOR ASSEMBLY OF SECTIONAL GATES	(31) 2017622
(73) Tekniska Verken I Linköping AB	(73) Hörmann KG Brockhagen	(32) 14.10.2016
(72) SÄÄF, Johan	(72) BRINKMANN, Michael	(33) Netherlands
RYDIN, Gunnar	(74) J.M.H. Duyver lic.	(47) 15.07.2020
(74) ir. C.G.C. Veldman-Dijkers	(31) 102016005071	(51) E21B 29/02
(31) 1450211	(32) 27.04.2016	
(32) 21.02.2014	(33) Germany	
(33) Sweden	(47) 27.05.2020	
(47) 03.06.2020	(51) E06B 7/36	
(51) E05B 47/00	(11) EP2885480	

(11) EP3212879	(54) FUEL INJECTOR COMMUNICATION SYSTEM	(22) 14.09.2016
(21) EP15804556.7	(73) Delphi Technologies IP Limited	(54) FLOORING SYSTEM
(22) 27.10.2015	(72) ARCHER, Michael	(73) Pavegen Systems Limited
(54) CUTTING TOOL	FALLAHI, Abdolreza	(72) WEBSTER, Craig
(73) SPEX Corporate Holdings Ltd	(74) J.M.H. Duyver lic.	(74) ir. M.F.J.M. Ketelaars c.s.
(72) OAG, Jamie	(31) 09176946	(31) 201516239
YOUNGER, Rae	(32) 24.11.2009	201608200
PETTITT, Andrew	(33) European Patent Office (EPO)	(32) 14.09.2015
CHAPMAN, Barry	(47) 22.07.2020	10.05.2016
MCKAY, Simon	(51) F02K 9/52	(33) United Kingdom
WILKIE, David James	F02K 9/95	United Kingdom
JOHNSTON, Sidney Dantuma	(11) EP3475553	(47) 10.06.2020
FOX, John	(21) EP17732883.8	(51) F04C 2/18
(74) J.M.H. Duyver lic.	(22) 22.06.2017	F04C 14/04
(31) 201419168	(54) IGNITION DEVICE AND IGNITION METHOD	F15B 15/18
201419189	(73) Bauer, Christian	(11) EP3071835
(32) 28.10.2014	(72) Bauer, Christian	(21) EP14806515.4
28.10.2014	(74) ir. J.C. Volmer c.s.	(22) 17.11.2014
(33) United Kingdom	(31) 102016111669	(54) FLUID PUMP FOR A LINEAR ACTUATOR
United Kingdom	102016112436	(73) Warner Electric Technology LLC
(47) 27.05.2020	102016112619	(72) ZAMMUTO, Jared Ret
(51) F01K 7/02	(32) 24.06.2016	(74) ir. C.G.C. Veldman-Dijkers
F01K 7/04	06.07.2016	(31) 201314082606
F01K 23/14	08.07.2016	(32) 18.11.2013
(11) EP3118424	(33) Germany	(33) United States of America
(21) EP15177121.9	Germany	(47) 20.05.2020
(22) 16.07.2015	Germany	(51) F04D 17/16
(54) CONTROL OF ORC PROCESSES BY INJECTION OF UN-VAPORIZED FLUIDS	(47) 03.06.2020	F04D 29/42
(73) Orcan Energy AG	(51) F03B 13/18	(11) EP3486494
(72) Aumann, Richard	F03G 7/08	(21) EP18190075.4
Langer, Roy	(11) EP2593666	(22) 21.08.2018
Weigand, Fabian	(21) EP11807140.6	(54) RADIAL FAN HOUSING AND RADIAL FAN
Schuster, Andreas	(22) 18.07.2011	(73) ebm-papst Mulfingen GmbH & Co. KG
(74) ir. M.F.J.M. Ketelaars c.s.	(54) ENERGY TRANSFORMING UNIT AND ENERGY TRANSFORMING SYSTEM COMPRISING SUCH A UNIT	(72) Gebert, Daniel
(47) 20.05.2020	(73) Corpower Ocean AB	Müller, Jens
(51) F01N 3/02	(72) LUNDBÄCK, Stig	(74) ir. W.J.J.M. Kempes
F01N 3/023	(74) ir. M.F.J.M. Ketelaars c.s.	(31) 102017126912
F01N 3/10	(31) 36501510 P	(32) 15.11.2017
F01N 11/00	1050811	(33) Germany
F02D 41/30	1051357	(47) 17.06.2020
F02D 41/40	(32) 16.07.2010	(51) F04D 29/58
F01N 13/00	16.07.2010	H02K 11/00
(11) EP2525060	22.12.2010	(11) EP2993358
(21) EP12001784.3	(33) United States of America	(21) EP15169527.7
(22) 16.03.2012	Sweden	(22) 28.05.2015
(54) METHOD AND DEVICE FOR TESTING THE FUNCTIONALITY, IN PARTICULAR THE OXIDATION CAPACITY OF AN NO OXIDATION CATALYTIC CONVERTER INSTALLED IN THE WASTE GAS LINE OF A COMBUSTION ENGINE OPERATED WITH EXCESS AIR	(47) 27.05.2020	(54) VENTILATOR WITH CONDUCTOR PLATE COOLING CIRCUIT
(73) MAN Truck & Bus SE	(51) F03D 7/02	(73) ebm-papst Mulfingen GmbH & Co. KG
(72) Döring, Andreas	H02P 9/04	(72) STURM, Michael
(74) J.M.H. Duyver lic.	H02P 25/22	ECCARIUS, Michael Dr.
(31) 102011102008	(11) EP3016272	(74) ir. W.J.J.M. Kempes
(32) 19.05.2011	(21) EP14191070.3	(31) 102014112821
(33) Germany	(22) 30.10.2014	(32) 05.09.2014
(47) 22.07.2020	(54) Controlling the energy flow from an electrical machine with unbalanced impedance	(33) Germany
(51) F02D 41/20	(73) Siemens Aktiengesellschaft	(47) 05.08.2020
F02D 41/24	(72) Deng, Heng	(51) F15B 19/00
F02D 41/28	(74) ir. M.F.J.M. Ketelaars c.s.	F16K 37/00
H01F 7/18	(47) 27.05.2020	F24D 19/10
(11) EP2504551	(51) F03G 7/08	G05B 23/02
(21) EP10782603.4	G08B 13/10	(11) EP3309465
(22) 24.11.2010	(11) EP3350440	(21) EP17195591.7
	(21) EP16770313.1	(22) 10.10.2017
		(54) FAULT DETECTION OF VALVE ARRANGEMENT
		(73) Danfoss A/S
		(72) KAVCIC, Miha

(74) ir. M.F.J.M. Ketelaars c.s.	(47) 27.05.2020	(47) 27.05.2020
(31) 201600620	(51) F16K 1/18	(51) F21S 9/02
(32) 12.10.2016	F16K 1/20	F21V 5/08
(33) Denmark	F16K 1/22	F21V 7/00
(47) 20.05.2020	F16K 1/226	F21V 33/00
(51) F16C 19/52	F16K 27/02	F21W 111/00
F16C 41/00	F16L 29/00	G02B 19/00
(11) EP3425225	(11) EP3380762	F21Y 115/10
(21) EP17200282.6	(21) EP16869092.3	(11) EP3483500
(22) 07.11.2017	(22) 17.11.2016	(21) EP18205882.6
(54) DETECTING APPARATUS FOR DETECTING AXIAL DISPLACEMENT OF BEARING UNIT	(54) VALVE AND VALVE COUPLING WITH REVERSE TAPERED SHAFTS	(22) 13.11.2018
(73) Buffalo Machinery Company Limited	(73) Victaulic Company	(54) MULTIPLE LIGHTING SAFETY DEVICE
(72) Chang, Paul	(72) PARK, Yang Bae	(73) Venitem S.R.L.
(74) ir. H.A. Witmans c.s.	(74) drs. P.F.H.M. van Someren c.s.	(72) Trivellin, Nicola
(31) 106209777 U	(31) 201562258797 P	(31) 201700130061
(32) 04.07.2017	(32) 23.11.2015	(32) 14.11.2017
(33) Taiwan, Province of China	(33) United States of America	(33) Italy
(47) 22.07.2020	(47) 08.07.2020	(47) 24.06.2020
(51) F16C 33/20	(51) F16K 5/00	(51) F22B 1/02
H02K 35/00	F16K 5/04	F22B 1/08
H02K 35/04	F16K 5/08	F28D 1/02
H02N 1/08	(11) EP3449161	F28D 1/047
(11) EP2690768	(21) EP17721290.9	F28D 1/053
(21) EP13003123.0	(22) 24.04.2017	F28D 21/00
(22) 19.06.2013	(54) PLUG WITH ATTACHABLE UPPER TRUNNION	F28F 9/02
(54) Generator	(73) Cameron Technologies Limited	F28F 9/26
(73) Sony Corporation	(72) WOLF, Robert H.	G21C 1/02
(72) Morita, Yuko	LAYSON, Jacob	G21C 15/18
Yajima, Masakazu	(74) ir. A. Blokland c.s.	(11) EP3229238
Niikura, Hideo	(31) 201615142962	(21) EP15865475.6
Fukuma, Yohei	(32) 29.04.2016	(22) 16.11.2015
(74) ir. W.J.J.M. Kempes	(33) United States of America	(54) SYSTEM FOR THE PASSIVE REMOVAL OF HEAT FROM A WATER-COOLED, WATER-MODERATED REACTOR VIA A STEAM GENERATOR
(31) 2012167649	(47) 20.05.2020	(73) Joint-stock Company Scientific Research and Design Institute for Energy Technologies Atomproekt (JSC Atomproekt )
(32) 27.07.2012	(51) F16L 11/08	(72) BEZLEPKIN, Vladimir Victorovich
(33) Japan	(11) EP3019783	SIDOROV, Vladimir Grigorievich
(47) 29.07.2020	(21) EP14759300.8	ALEKSEEV, Sergey Borisovich
(51) F16D 13/70	(22) 08.07.2014	SVETLOV, Sergey Victorovich
F16D 25/0638	(54) SUBMARINE FLEXIBLE PIPE	KUKHTEVICH, Vladimir Olegovich
F16D 48/02	(73) Prysman S.p.A.	SEMASHKO, Sergey Evgenivich
(11) EP3510292	(72) ANELLI, Pietro	VARDANIDZE, Teymuraz Georgievich
(21) EP17768398.4	SICA, Rodolfo	IVKOV, Igor Mihaylovich
(22) 06.09.2017	PEREGO, Gabriele	(74) ir. M.F.J.M. Ketelaars c.s.
(54) METHOD FOR THE ACTUATION OF A CLUTCH DEVICE	FERREIRA GODINHO, Carlos Alberto	(31) 2014148909
(73) thyssenkrupp AG	(74) ir. A. Blokland c.s.	(32) 04.12.2014
thyssenkrupp Marine Systems GmbH	(31) MI20131165	(33) Russian Federation
(72) BUESCHER, Max	(32) 10.07.2013	(47) 08.07.2020
STOLLEY, Jens	(33) Italy	(51) F23D 14/08
(74) ir. H.A. Witmans c.s.	(47) 20.05.2020	F23D 14/48
(31) 102016217253	(51) F16M 11/12	F23D 14/58
(32) 09.09.2016	F16M 11/20	F23D 23/00
(33) Germany	G03B 17/56	F23M 5/02
(47) 13.05.2020	H04N 5/225	(11) EP2981761
(51) F16J 15/34	H04N 5/232	(21) EP14713173.4
F16J 15/40	(11) EP3468166	(22) 25.02.2014
(11) EP2841825	(21) EP16904466.6	(54) METHOD FOR THE COMBUSTION OF A LOW NOX PREMIX GAS BURNER
(21) EP13719811.5	(22) 18.09.2016	(73) Fives Pillard
(22) 25.04.2013	(54) CAMERA OPTICAL AXIS ADJUSTING DEVICE, AND CAMERA HAVING SAME	(72) RICCI, Louis
(54) COMPRESSOR, SEAL GAS DELIVERY, AND METHOD	(73) Hangzhou Hikvision Digital Technology Co., Ltd.	SAID, Fouad
(73) Nuovo Pignone S.r.l.	(72) JIANG, Hongwei	(74) dr. W.A.H.M. Van Borm
(72) BALDASSARRE, Leonardo	XU, Wei	(31) 1353079
BERNOCCHI, Andrea	(74) dr. A. Ellens c.s.	(32) 05.04.2013
(31) CO20120020	(31) 201620546744 U	
(32) 27.04.2012	(32) 06.06.2016	
(33) Italy	(33) China	

(33) France	(47) 13.05.2020	(31) 102017117565
(47) 27.05.2020	(51) F24S 20/40	(32) 02.08.2017
(51) F23N 1/02	F24S 20/64	(33) Germany
F23N 5/12	F24S 20/66	(47) 17.06.2020
(11) EP3228936	F24S 20/67	(51) F25D 23/06
(21) EP16164170.9	F24S 70/16	F25D 23/08
(22) 07.04.2016	(11) EP3453985	(11) EP2447637
(54) METHOD FOR OPERATING A GAS	(21) EP18382642.9	(21) EP11007904.3
BURNER APPLIANCE	(22) 06.09.2018	(22) 29.09.2011
(73) Honeywell Technologies Sarl	(54) BIOCLIMATIC BUILDING	(54) A REFRIGERATOR COMPRISNG AN
(72) Langius, Gerwin	(73) Sunthalpy Engineering, S.L.	INSULATED SPACE
Blaauwwiekkel, Piet	(72) Suárez Álvarez, Carlos Omar	(73) LG Electronics Inc.
van Prooijen, Frank	(74) ir. M.F.J.M. Ketelaars c.s.	(72) Jung, Wonyeong
Kupers, Erwin	(31) 201731093	Lee, Myungryul
(74) ir. W.J.J.M. Kempes	(32) 07.09.2017	Jhee, Sung
(47) 03.06.2020	(33) Spain	(74) ir. J.C. Volmer c.s.
(51) F24D 11/02	(47) 03.06.2020	(31) 20100105893
F24D 19/10	(51) F25B 9/14	(32) 28.10.2010
F24F 3/06	(11) EP3234481	(33) Korea (Republic)
F24F 3/10	(21) EP15805516.0	(47) 12.08.2020
F25B 5/02	(22) 08.12.2015	(51) F25D 25/02
F25B 29/00	(54) THERMO-ACOUSTIC HEAT PUMP	F25D 25/04
F25B 40/02	(73) Nederlandse Organisatie voor toegepast-	G06K 7/10
F25B 41/04	natuurwetenschappelijk Onderzoek TNO	H01Q 1/22
(11) EP2885584	(72) LYCKLAMA A NIJEHOLT, Jan-Aiso	H01Q 9/04
(21) EP13737237.1	TIJANI, Moulay EL Hassan	(11) EP3256801
(22) 15.07.2013	(74) ir. M.F.J.M. Ketelaars c.s.	(21) EP16749699.1
(54) APPARATUS AND METHOD FOR	(31) 2013939	(22) 09.02.2016
INFLUENCING THE TEMPERATURE IN	(32) 08.12.2014	(54) RADIO FREQUENCY IDENTIFICATION
A BUILDING	(33) Netherlands	TECHNIQUES IN AN ULTRA-LOW
(73) TRIPLE AQUA LICENSING LIMITED	(47) 27.05.2020	TEMPERATURE ENVIRONMENT
(72) VAN DER HOFF, Meinardus Bernardus	(51) F25B 41/04	(73) Promega Corporation
Antonius	F25B 49/02	(72) SEHMER, Mark
(74) ir. A. Blokland c.s.	F25D 17/06	GEORGE, Brian
(31) 12005194	H05K 7/20	PHILLIPS, Travis
(32) 13.07.2012	(11) EP2755461	PLESHEK, Joe
(33) European Patent Office (EPO)	(21) EP14162431.2	(74) dr. W.A.H.M. Van Borm
(47) 27.05.2020	(22) 16.04.2012	(31) 201562114805 P
(51) F24D 15/04	(54) High efficiency cooling system	(32) 11.02.2015
F24D 17/00	(73) Vertiv Corporation	(33) United States of America
F24D 17/02	(72) Noll, Roger	(47) 17.06.2020
F24D 19/10	Helmink, Gary A.	(51) F26B 5/06
F24F 5/00	Barbato, Pierpaolo	F26B 21/10
F24H 4/02	Dalla Mana, Giuseppe	(11) EP3462116
F24H 4/04	Monnier, Lou	(21) EP18196202.8
F24H 6/00	(74) ir. M.F.J.M. Ketelaars c.s.	(22) 24.09.2018
F25B 5/04	(31) 201161476783 P	(54) METHOD FOR FREEZE-DRYING
F25B 7/00	201161527695 P	(73) OPTIMA pharma GmbH
F25B 29/00	201213446374	(72) Philipp, Dr. Jens
F25B 41/04	(32) 19.04.2011	Reuter, Stephan
F28D 1/06	26.08.2011	Tambovzev, Dr. Alexander
(11) EP2972008	13.04.2012	Dobner, Jonas
(21) EP14779783.1	(33) United States of America	(74) ir. F.A. Geurts c.s.
(22) 26.02.2014	United States of America	(31) 102017217415
(54) APPARATUS AND METHODS FOR	United States of America	(32) 29.09.2017
PRE-HEATING WATER WITH AIR	(47) 03.06.2020	(33) Germany
CONDITIONER UNIT OR HEAT PUMP	(51) F25B 49/02	(47) 03.06.2020
(73) RHEEM MANUFACTURING COMPANY	(11) EP3438574	(51) F41A 9/33
(72) LEETE, Klint E.	(21) EP18186034.7	F41A 9/37
HAWKINS, Timothy B.	(22) 27.07.2018	(11) EP3390950
BABB, Jeremy L.	(54) REFRIGERATION SYSTEM AND	(21) EP16810379.4
(74) ir. M.F.J.M. Ketelaars c.s.	A METHOD FOR REGULATING A	(22) 14.12.2016
(31) 201361779087 P	REFRIGERATION SYSTEM	(54) AMMUNITION FEED FOR FEEDING A
201414189192	(73) Wurm GmbH & Co. KG Elektronische	BELTED AMMUNITION
(32) 13.03.2013	Systeme	(73) Rheinmetall Waffe Munition GmbH
25.02.2014	(72) Hegglin, Andreas	(72) SCHNEIDER, Hubert
(33) United States of America	Dreisbach, Heiko	MÜLLER, Andy
United States of America	(74) ir. M.F.J.M. Ketelaars c.s.	SCHWEIZER, Markus

(74) ir. M.F.J.M. Ketelaars c.s.	G06F 3/0346	(73) Intuitive Surgical Operations Inc.
(31) 102015121772	G06T 7/33	(72) FROGGATT, Mark
(32) 14.12.2015	G06T 7/50	GIFFORD, Dawn
(33) Germany	G06T 7/73	LACROIX, Jeffrey, T.
(47) 27.05.2020	G06F 16/44	ROYE, Patrick
(51) F41A 21/10	G06F 16/583	SANG, Alexander, K.
F41A 33/00	(11) EP3271748	(74) ir. F.A. Geurts c.s.
F41F 1/06	(21) EP16710717.6	(31) 201662334649 P
F41G 3/26	(22) 15.03.2016	(32) 11.05.2016
(11) EP3017267	(54) GUIDED GEOMETRY EXTRACTION	(33) United States of America
(21) EP14738788.0	FOR LOCALIZATION OF A DEVICE	(47) 05.08.2020
(22) 03.07.2014	(73) HERE Global B.V.	(51) G01G 19/42
(54) DEVICE FOR SIMULATING A MORTAR	(72) MODICA, Leo	(11) EP2469248
(73) Rheinmetall Defence Electronics GmbH	STENNETH, Leon	(21) EP11195831.0
(72) CHRISTIANS, Ernst	(74) dr. W.A.H.M. Van Borm	(22) 27.12.2011
HORNHARDT, Andree	(31) 201514658618	(54) Method and device for counting items
PIETZ, Wolfgang	(32) 16.03.2015	(73) Balea SA
ZIELKE, Holger	(33) United States of America	(72) Cosmas, Vassili
(74) ir. M.F.J.M. Ketelaars c.s.	(47) 03.06.2020	(31) 1005123
(31) 102013213001	(51) G01C 21/28	(32) 27.12.2010
(32) 03.07.2013	G01C 21/30	(33) France
(33) Germany	G01C 21/34	(47) 08.01.2020
(47) 10.06.2020	G01S 13/86	(51) G01H 3/12
(51) G01B 9/02	G01S 13/89	(11) EP2277021
(11) EP3164667	G06F 16/29	(21) EP09735923.6
(21) EP15738762.2	G01S 17/89	(22) 22.04.2009
(22) 30.06.2015	(11) EP3332216	(54) ACOUSTIC HOLOGRAPHY
(54) OPTICAL COHERENCE TOMOGRAPHY	(21) EP16750151.9	(73) Stichting voor de Technische
MICROSCOPY APPARATUS AND	(22) 03.08.2016	Wetenschappen
METHOD	(54) METHODS AND SYSTEMS	Technische Universiteit Eindhoven
(73) Nederlandse Organisatie voor toegepast-	FOR GENERATING AND USING	(72) SCHOLTE, Rick
natuurwetenschappelijk onderzoek TNO	LOCALISATION REFERENCE DATA	LOPEZ ARTEAGA, Ines
(72) SNEL, Robert	(73) TomTom Global Content B.V.	(74) ir. C.H. Riem
JONKER, Wouter Andries	(72) KUDRYNSKI, Krzysztof	(31) 08155162
LIEBIG, Thomas	MIKSA, Krzysztof	08156850
WINTERS, Jasper	GLISZCZYNSKI, Rafal Jan	(32) 25.04.2008
(74) ir. H.A. Witmans c.s.	KUBIAK, Blazej	23.05.2008
(31) 14175212	(74) J.M.H. Duyver lic.	(33) European Patent Office (EPO)
(32) 01.07.2014	(31) 201562200611 P	European Patent Office (EPO)
(33) European Patent Office (EPO)	201562200613 P	(47) 13.05.2020
(47) 20.05.2020	201562218538 P	(51) G01H 3/12
(51) G01C 11/04	(32) 03.08.2015	G01M 3/24
G01C 21/00	03.08.2015	G01S 3/808
G01C 21/36	14.09.2015	H04R 1/40
G01S 5/00	(33) United States of America	H04R 3/00
H04L 29/08	United States of America	(11) EP3516350
H04M 1/725	United States of America	(21) EP17778324.8
H04N 7/18	(47) 22.07.2020	(22) 07.09.2017
H04W 4/02	(51) G01C 21/32	(54) AN ACOUSTIC CAMERA AND A
(11) EP2920954	G08G 1/01	METHOD FOR REVEALING ACOUSTIC
(21) EP13789270.9	(11) EP2757539	EMISSIONS FROM VARIOUS
(22) 07.11.2013	(21) EP13152243.5	LOCATIONS AND DEVICES
(54) AUTOMATIC IMAGE CAPTURE	(22) 22.01.2013	(73) Noiseless Acoustics Oy
(73) HERE Global B.V.	(54) A method and an arrangement for	(72) SAKSELA, Kai
(72) STROIILA, Matei Nicolae	collecting and processing data related to	NYBERG, Jonas
DORUM, Ole Henry	road status	(74) J.M.H. Duyver lic.
(74) dr. W.A.H.M. Van Borm	(73) Klimator AB	(31) 20165713
(31) 201213676662	(72) Bogren, Jörgen	(32) 22.09.2016
(32) 14.11.2012	Gustafsson, Torbjörn	(33) Finland
(33) United States of America	(74) ir. W.J.J.M. Kempes	(47) 24.06.2020
(47) 06.05.2020	(47) 20.05.2020	(51) G01J 3/42
(51) G01C 21/00	(51) G01D 5/353	G01N 21/3504
G01C 21/28	G02B 6/02	(11) EP3042181
G01C 21/30	(11) EP3455662	(21) EP14840748.9
G01C 21/32	(21) EP17796558.9	(22) 02.09.2014
G01S 17/06	(22) 26.04.2017	(54) METHOD AND APPARATUS FOR
G06K 9/00	(54) REDUNDANT CORE IN MULTICORE	DETERMINING SILOXANE CONTENT
G08G 1/123	OPTICAL FIBER FOR SAFETY	OF A GAS

(73) Qualvista Ltd	(47) 20.05.2020	(22) 02.03.2015
(72) RÄSÄNEN, Jaakko KAJOLINNA, Tuula ARNOLD, Mona	(51) G01N 21/76 G01N 33/58 G01N 33/68	(54) ALKENE SENSOR COMPRISING A COBALT(III)PORPHYRIN COMPLEX
(74) ir. M.F.J.M. Ketelaars c.s.	(11) EP3213056	(73) Massachusetts Institute of Technology
(31) 20135884	(21) EP15855907.0	(72) SWAGER, Timothy M. LIU, Sophie
(32) 02.09.2013	(22) 28.10.2015	SAZAMA, Graham
(33) Finland	(54) METHODS FOR THE RAPID PREPARATION OF LABELED GLYCOSYLAMINES AND FOR THE ANALYSIS OF GLYCOSYLATED BIOMOLECULES PRODUCING THE SAME	PETTY, Alexander R. SCHNORR, Jan M.
(47) 13.05.2020	(73) Waters Technologies Corporation	(74) ir. W.J.J.M. Kempes
(51) G01K 7/00 G01K 7/16 G01K 7/34 G01K 7/36 H02K 11/25	(72) LAUBER, Matthew, A. BROUSMICHE, Darryl, W. KOZA, Stephan, M.	(31) 201461946872 P (32) 02.03.2014 (33) United States of America (47) 01.07.2020
(11) EP3388803	(74) ir. M.F.J.M. Ketelaars c.s.	(51) G01N 27/72 E21B 47/09 E21B 47/12
(21) EP18165981.4	(31) 201462072747 P 201562107994 P	(11) EP3447240 (21) EP18196645.8 (22) 28.02.2014
(22) 05.04.2018	(32) 30.10.2014 26.01.2015	(54) DOWNHOLE COMMUNICATION (73) WEATHERFORD TECHNOLOGY HOLDINGS, LLC
(54) METHOD FOR DETERMINATION OF THE TEMPERATURE OF THE WINDINGS IN A MOTOR WINDING	(33) United States of America United States of America	(72) CLARKSON, Hugh PURKIS, Daniel George KNIGHT, Matthew
(73) ebm-papst Mulfingen GmbH & Co. KG	(47) 12.08.2020	(74) ir. H.A. Witmans c.s.
(72) WYSTUP, Ralph SCHROTH, Sebastian	(51) G01N 21/84 G01N 33/48 G06F 17/10 G06K 9/00 G06K 9/62 G06T 7/00	(31) 201303614 2013201675 2809026 201313800183 201310219 201310183
(74) ir. W.J.J.M. Kempes	(11) EP2391887	(32) 28.02.2013 13.03.2013 13.03.2013 07.06.2013 07.06.2013
(31) 102017108112	(21) EP10736572.8	(33) United Kingdom Australia Canada United States of America United Kingdom United Kingdom
(32) 13.04.2017	(22) 02.02.2010	(47) 20.05.2020
(33) Germany	(54) IMAGE-BASED RISK SCORE-A PROGNOSTIC PREDICTOR OF SURVIVAL AND OUTCOME FROM DIGITAL HISTOPATHOLOGY	(51) G01N 33/48 G01N 33/564
(47) 01.07.2020	(73) Rutgers, The State University Of New Jersey	(11) EP2856149 (21) EP13794110.0 (22) 24.05.2013
(51) G01N 1/10 G01N 1/14	(72) MADABHUSHI, Anant BASAVANHALLY, Ajay GANESAN, Shridar	(54) DIABETES BIOMARKERS (73) DMNoMore (72) ORBAN, Tihamer (74) J.M.H. Duyver lic.
(11) EP3350590	(74) ir. M.F.J.M. Ketelaars c.s.	(31) 201261651144 P (32) 24.05.2012 (33) United States of America
(21) EP16847062.3	(31) 149158 P	(47) 08.07.2020
(22) 02.09.2016	(32) 02.02.2009	(51) G01N 33/53 EP3421997
(54) POST-PROBE UPSTREAM METERING PUMP FOR INSURING NGL PHASE CHANGE COMPLETION IN SAMPLE CONDITIONING	(33) United States of America	(21) EP18168149.5 (22) 20.12.2013
(73) Mustang Sampling, LLC	(47) 17.06.2020	(54) A CELL MEDIATED IMMUNE RESPONSE ASSAY
(72) CURTIS, Micah A.	(51) G01N 23/04 G01N 23/20 G01N 23/201	(73) Cellestis Limited
(74) ir. A. Blokland c.s.	(11) EP1766380	(72) BOYLE, Jeff KNIGHTS, Ashley
(31) 201562220550 P 201615252628	(21) EP05770042.9	
(32) 18.09.2015 31.08.2016	(22) 08.07.2005	
(33) United States of America United States of America	(54) METHODS AND SYSTEMS FOR DETERMINING THE AVERAGE ATOMIC NUMBER AND MASS OF MATERIALS	
(47) 24.06.2020	(73) Passport Systems, Inc.	
(51) G01N 21/25 G01N 21/80 G01N 31/22 G01N 33/18	(72) LEDOUX, Robert, J. BERTOZZI, William	
(11) EP3215829	(74) ir. M.F.J.M. Ketelaars c.s.	
(21) EP15858042.3	(31) 586351 P	
(22) 05.11.2015	(32) 08.07.2004	
(54) ASSAY KIT AND METHOD FOR DETERMINING ALKALINITY OF AN ANALYTE SOLUTION	(33) United States of America (47) 10.06.2020	
(73) Water Lens LLC	(51) G01N 27/12	
(72) DRAGNA, Justin M. GARLAND, Adam WEST, Tyler	(11) EP3114468	
(74) ir. H.A. Witmans c.s.	(21) EP15795489.2	
(31) 201462076909 P 201462084870 P		
(32) 07.11.2014 26.11.2014		
(33) United States of America United States of America		

MUNIAN, Carmen (74) ir. W.J.J.M. Kempes (31) 201261746965 P 13167355 (32) 28.12.2012 10.05.2013 (33) United States of America European Patent Office (EPO) (47) 17.06.2020	Otto-von-Guericke-Universität Magdeburg (72) HALANGK, Walter GRAF, Rolf GUKASJAN, Raphael SCHULZ, Hans-Ulrich (74) ir. W.J.J.M. Kempes (31) 10174641 (32) 31.08.2010 (33) European Patent Office (EPO) (47) 10.06.2020	YWANNE, Frédérique (74) ir. H.A. Witmans c.s. (31) 1601190 (32) 02.08.2016 (33) France (47) 13.05.2020
(51) G01N 33/538 G01N 33/543 C12Q 1/6834 (11) EP3146337 (21) EP15726501.8 (22) 22.05.2015 (54) SUBSTRATE-MEDIATED REACTORS FOR BIOASSAYS (73) Firefly Bioworks, Inc. (72) STONER, Isaac ERPS, Timothy PREGIBON, Daniel TYTELL, Jessica Dawn WINDEMUTH, Andreas DORAN, Graeme (74) ir. M.F.J.M. Ketelaars c.s. (31) 201462002664 P (32) 23.05.2014 (33) United States of America (47) 27.05.2020	(31) 10174641 (32) 31.08.2010 (51) G01N 35/00 G01N 35/02 (11) EP2988132 (21) EP13882243.2 (22) 23.09.2013 (54) AUTOMATIC ANALYSIS DEVICE AND ANALYSIS METHOD AND ANALYSIS SYSTEM THEREFOR (73) Shenzhen Mindray Bio-Medical Electronics Co., Ltd. (72) ZHANG, Zhen ZHOU, Peng WANG, Jun XIE, Chuanfen (74) ir. A.E. Dekker-Garms (31) 201310132098 (32) 16.04.2013 (33) China (47) 01.07.2020	(51) G01S 5/18 G01S 5/20 (11) EP3435110 (21) EP18163346.2 (22) 22.03.2018 (54) SYSTEM AND METHOD FOR ACOUSTIC SOURCE LOCALIZATION WITH AERIAL DRONES (73) Tata Consultancy Services Limited (72) Misra, Prasant Kumar Kumar, Achanna Anil Purushothaman, Balamuralidhar (74) drs. P.F.H.M. van Someren c.s. (31) 201721026912 (32) 28.07.2017 (33) India (47) 13.05.2020
(51) G01N 33/543 (11) EP2972357 (21) EP14710370.9 (22) 11.03.2014 (54) METHODS FOR DETECTING MOLECULES IN A SAMPLE (73) The Francis Crick Institute Limited (72) LARIJANI, Banafshe PARKER, Peter VEERIAH, Selvaraju (74) ir. M.F.J.M. Ketelaars c.s. (31) 201304352 (32) 11.03.2013 (33) United Kingdom (47) 27.05.2020	(31) 201310132098 (32) 16.04.2013 (33) China (47) 01.07.2020 (51) G01R 15/12 G01R 31/319 (11) EP3449263 (21) EP17720962.4 (22) 20.04.2017 (54) ENHANCING SPECTRAL PURITY IN HIGH-SPEED TESTING (73) AAI Corporation (72) JAKLITSCH, James Joseph MARKEY, Jay Michael (74) ir. W.J.J.M. Kempes (31) 201615139659 (32) 27.04.2016 (33) United States of America (47) 03.06.2020	(51) G01S 7/35 G01S 11/10 G01S 13/58 G01S 13/72 (11) EP3088913 (21) EP16167310.8 (22) 27.04.2016 (54) METHOD FOR TRACKING A MOVING TARGET USING AN A PRIORI MODEL (73) ZODIAC DATA SYSTEMS (72) VARIERAS, François (74) J.M.H. Duyver lic. (31) 1553856 (32) 29.04.2015 (33) France (47) 13.05.2020
(51) G01N 33/543 G01N 33/573 G01N 33/68 (11) EP3447493 (21) EP18196116.0 (22) 07.01.2015 (54) PROTEINS TARGETING ORTHOLOGS (73) Bioatla, LLC (72) SHORT, Jay M. (74) dr. W.A.H.M. Van Borm (31) 201461924487 P (32) 07.01.2014 (33) United States of America (47) 13.05.2020	(31) 201304352 (32) 11.03.2013 (33) United States of America (47) 03.06.2020 (51) G01S 5/00 G01S 5/02 (11) EP3141922 (21) EP15184942.9 (22) 11.09.2015 (54) METHOD AND APPARATUS FOR IMPROVED POSITIONING (73) Deutsche Telekom AG (72) Witych, Michael Müller, Dietmar Welzel, Thomas (74) J.M.H. Duyver lic. (47) 27.05.2020	(51) G01T 1/02 G01T 7/00 G21F 3/00 G21F 5/00 (11) EP3407092 (21) EP18729857.5 (22) 27.03.2018 (54) DOSIMETER CONTAINER AND DOSE MEASURING BODY (73) Nippon Light Metal Co., Ltd. (72) USUI, Hideaki FURUYA, Hidaka TAKAHASHI, Maki ISHIKAWA, Hidenori (74) J.M.H. Duyver lic. (31) PCT/JP2017/013684 (32) 31.03.2017 (33) World Intellectual Property Office (WIPO) (47) 20.05.2020
(51) G01N 33/68 (11) EP2612152 (21) EP11748961.7 (22) 30.08.2011 (54) METHOD TO DIAGNOSE INFECTIOUS PERITONITIS AND PREDICT THE SEVERITY AND OUTCOME THEREOF IN HUMANS. (73) Universität Zürich	(31) 201615139659 (32) 27.04.2016 (33) United States of America (47) 03.06.2020 (51) G01S 5/00 G01S 5/02 (11) EP3141922 (21) EP15184942.9 (22) 11.09.2015 (54) METHOD AND APPARATUS FOR IMPROVED POSITIONING (73) Deutsche Telekom AG (72) Witych, Michael Müller, Dietmar Welzel, Thomas (74) J.M.H. Duyver lic. (47) 27.05.2020 (51) G01S 5/02 (11) EP3494403 (21) EP17748459.9 (22) 01.08.2017 (54) METHOD AND SYSTEM OF GEOLOCATION BY DIRECT CALCULATION OF MOVEMENT ELEMENTS (73) Thales (72) LEMER, Alain	(51) G01T 1/161 A61B 90/00 (11) EP3016608 (21) EP14819862.5 (22) 01.07.2014 (54) GAMMA PROBE WITH HAND- PIECE CONTROL OF DETECTION PARAMETERS (73) Faxitron Bioptics, LLC (72) YARNALL, Stephen, T.

KINDEM, Joel	(31) 102015215841	(54) LENS DRIVING DEVICE AND CAMERA
CONWELL, Richard, L.	(32) 19.08.2015	MODULE COMPRISING SAME
(74) drs. W.H.P. Derks	(33) Germany	(73) LG Innotek Co., Ltd.
(31) 201361841581 P	(47) 03.06.2020	(72) PARK, Sang Ok
(32) 01.07.2013	(51) G02B 5/30	SON, Byung Wook
(33) United States of America	G02C 7/02	LEE, Seong Min
(47) 13.05.2020	G02C 7/12	LEE, Jun Taek
(51) G01V 1/30	(11) EP2765448	(74) dr. A. Ellens c.s.
G01V 1/34	(21) EP12838073.0	(31) 20140026062
G01V 99/00	(22) 01.10.2012	20140055364
(11) EP3488271	(54) AROMATIC POLYCARBONATE	20140108487
(21) EP17733163.4	POLARISING LENS	(32) 05.03.2014
(22) 25.04.2017	(73) Mitsubishi Gas Chemical Company, Inc.	09.05.2014
(54) METHODS AND SYSTEMS FOR	MGC Filmsheet Co., Ltd.	20.08.2014
IDENTIFYING A CLATHRATE DEPOSIT	(72) TOKUMARU, Terutaka	(33) Korea (Republic)
(73) Chevron U.S.A. Inc.	KIMURA, Hideaki	Korea (Republic)
(72) MADOF, Andrew Stuart	AKAKI, Masayuki	Korea (Republic)
(74) ir. M.F.J.M. Ketelaars c.s.	NAKAMURA, Kyousuke	(47) 13.05.2020
(31) 201615218910	(74) mr.ir. F.N. Ferro	(51) G02B 13/14
(32) 25.07.2016	(31) 2011218919	(11) EP3308209
(33) United States of America	(32) 03.10.2011	(21) EP16811137.5
(47) 03.06.2020	(33) Japan	(22) 15.06.2016
(51) G01V 1/50	(47) 15.07.2020	(54) MULTISPECTRAL IMAGING
(11) EP2823338	(51) G02B 6/12	APPARATUS
(21) EP13709025.4	G02B 6/122	(73) Agrowing Ltd
(22) 28.02.2013	G02B 6/126	(72) DVIR, Ira
(54) Correction of measured shear velocity to	G02F 1/035	(74) dr. W.A.H.M. Van Borm
account for elastic anisotropy	(11) EP1704431	(31) 201562175450 P
(73) Chevron U.S.A. Inc.	(21) EP05718528.2	201562260272 P
(72) BALL, Gregory John	(22) 07.01.2005	201662274810 P
(74) ir. M.F.J.M. Ketelaars c.s.	(54) INTEGRATED OPTICAL WAVEGUIDE	(32) 15.06.2015
(31) 201213416154	WITH LOW BIREFRINGENCE	26.11.2015
(32) 09.03.2012	(73) LIONIX B.V.	05.01.2016
(33) United States of America	(72) HEIDEMAN, Rene, Gerrit	(33) United States of America
(47) 17.06.2020	HOEKMAN, Marcel	United States of America
(51) G01V 5/00	(74) ir. H.A. Witmans c.s.	United States of America
(11) EP2681592	(31) 756627	(47) 27.05.2020
(21) EP12716117.2	(32) 13.01.2004	(51) G03F 7/20
(22) 28.02.2012	(33) United States of America	(11) EP2824512
(54) CARGO INSPECTION SYSTEM	(47) 03.06.2020	(21) EP14175389.7
(73) The Texas A&M University System	(51) G02B 6/122	(22) 02.07.2014
(72) ROOP, Stephen S.	H01L 31/0224	(54) Illumination lens for projection lithography
(74) J.M.H. Duyver lic.	H01L 31/0352	(73) Carl Zeiss SMT GmbH
(31) 201161447553 P	H01L 31/108	(72) Scholz, Axel
201213405690	(11) EP3149778	Patra, Michael
(32) 28.02.2011	(21) EP15730057.5	Schlesener, Frank
27.02.2012	(22) 27.05.2015	Maul, Manfred
(33) United States of America	(54) PLASMONIC COMPONENT AND	Emer, Wolfgang
United States of America	PLASMONIC PHOTODETECTOR AND	Hilt, Stefanie
(47) 22.07.2020	METHOD FOR PRODUCING SAME	(74) ir. W.J.J.M. Kempes
(51) G02B 5/00	(73) Karlsruhe Institut für Technologie	(31) 102013213545
G02B 13/06	(72) MÜHLBRANDT, Sascha	(32) 10.07.2013
G02B 26/08	LEUTHOLD, Jürg	(33) Germany
G02B 27/64	KOHL, Manfred	(47) 17.06.2020
H04N 5/232	(74) ir. M.F.J.M. Ketelaars c.s.	(51) G03G 15/00
(11) EP3338133	(31) 102014007936	(11) EP3129835
(21) EP16763208.2	(32) 27.05.2014	(21) EP15713534.4
(22) 18.08.2016	(33) Germany	(22) 07.04.2015
(54) DEVICE HAVING A MULTI-CHANNEL	(47) 24.06.2020	(54) METHOD FOR MARKING A PLURALITY
IMAGING DEVICE AND METHOD FOR	(51) G02B 7/08	OF SHEETS
PRODUCING SAME	G02B 7/09	(73) Canon Production Printing Netherlands
(73) Fraunhofer-Gesellschaft zur Förderung	G03B 3/10	B.V.
der angewandten Forschung e.V.	H02K 41/035	(72) GEELS, Jan H.
(72) WIPPERMANN, Frank	H02K 11/00	VAN HORSSSEN, Ernst P.
BRÜCKNER, Andreas	(11) EP3115819	(74) ir. M.J. Groen
BRÄUER, Andreas	(21) EP15758167.9	(31) 14164255
OBERDÖRSTER, Alexander	(22) 25.02.2015	(32) 10.04.2014
(74) ir. F.A. Geurts c.s.		(33) European Patent Office (EPO)



(47) 10.06.2020	(47) 29.07.2020	(21) EP17736895.8
(51) G03G 15/00	(51) G05B 15/02	(22) 26.06.2017
G03G 15/08	G05B 23/02	(54) INTRINSICALLY SAFE CIRCUIT ARRANGEMENT
G03G 21/16	H02J 13/00	(73) Endress+Hauser Flowtec AG
G03G 21/18	G06F 21/32	(72) KOCH, Bernhard
(11) EP3264185	G06F 21/34	LALLA, Robert
(21) EP16755757.8	(11) EP3367283	(74) ir. W.J.J.M. Kempes
(22) 26.02.2016	(21) EP16864350.0	(31) 102016114032
(54) DRUM UNIT, CARTRIDGE AND COUPLING MEMBER	(22) 11.11.2016	(32) 29.07.2016
(73) Canon Kabushiki Kaisha	(54) CENTRALIZED CONTROL SYSTEM	(33) Germany
(72) UESUGI, Tetsuo	(73) Tokyo Electric Power Company Holdings, Incorporated	(47) 03.06.2020
HAYASHIDA, Makoto	Toshiba Energy Systems & Solutions Corporation	(51) G05F 1/70
YAMAGUCHI, Koji	(72) YAMAMOTO Junya	H02M 1/12
YANO, Takashi	ONISHI Masami	H02M 3/155
(74) J.M.H. Duyver lic.	SHINGU Toshiomi	H02M 3/156
(31) 2015039432	TAKEUCHI Michie	H02M 7/12
2016023071	NOMURA Nao	H02M 1/42
(32) 27.02.2015	(74) ir. J.C. Volmer c.s.	(11) EP3477841
09.02.2016	(31) 2015223493	(21) EP16907231.1
(33) Japan	(32) 13.11.2015	(22) 28.06.2016
Japan	(33) Japan	(54) POWER SUPPLY DEVICE WITH A POWER FACTOR CORRECTION CIRCUIT, AND METHOD FOR CONTROLLING THAT POWER SUPPLY DEVICE
(47) 03.06.2020	(47) 05.08.2020	(73) Shindengen Electric Manufacturing Co., Ltd.
(51) G03G 15/08	(51) G05B 15/02	(72) IJIMA, Shinya
(11) EP3196706	G08C 17/02	HISADA, Shigeru
(21) EP17158733.0	H04L 9/08	(74) ir. H.A. Witmans c.s.
(22) 12.02.2015	(11) EP3180658	(47) 29.07.2020
(54) ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS, TONER CARTRIDGE FOR THE SAME, IMAGING CARTRIDGE FOR THE SAME, AND METHOD OF CONTROLLING TONER LEVEL IN DEVELOPING CHAMBER OF THE SAME	(21) EP15750695.7	(51) G06F 1/16
(73) Hewlett-Packard Development Company, L.P.	(22) 10.08.2015	G06F 1/18
(72) Jeong, Seong-jo	(54) SECURE CONFIGURATION OF A HOME-AUTOMATION APPARATUS	H04N 5/64
Park, Sang-jin	(73) Somfy Activites SA	(11) EP3069507
Jeong, Byeong-no	(72) MUGNIER, Mickaël	(21) EP14862622.9
Han, Jong-won	MARMEY, Stéphane	(22) 18.09.2014
(74) dr. W.A.H.M. Van Borm	DESBIOLLES, Arnaud	(54) THROUGH PCB HOLE CABLE LEAD DRESS CONDUIT
(31) 20140069571	GROSSET, Florent	(73) InterDigital CE Patent Holdings
(32) 09.06.2014	PARTAKELIDIS, Philippe	(72) RITTER, Darin Bradley
(33) Korea (Republic)	BRUNEAU, Guillaume	HUNT, Mickey Jay
(47) 05.08.2020	(74) ir. W.J.J.M. Kempes	(74) ir. M.F.J.M. Ketelaars c.s.
(51) G03G 21/16	(31) 1457756	(31) 201361903251 P
G03G 21/18	(32) 11.08.2014	(32) 12.11.2013
(11) EP2759889	(33) France	(33) United States of America
(21) EP13196416.5	(47) 03.06.2020	(47) 22.07.2020
(22) 10.12.2013	(51) G05B 19/042	(51) G06F 1/16
(54) Electrophotographic image forming apparatus	(11) EP3201703	H04M 1/02
(73) Hewlett-Packard Development Company, L.P.	(21) EP15785061.1	(11) EP3565224
(72) Jang, Ho-jin	(22) 02.10.2015	(21) EP19155454.2
Kim, Young-cha	(54) CONTROL SYSTEM FOR BUILDING LIGHTING SYSTEMS AND OTHER DOMESTIC ENGINEERING FACILITIES	(22) 05.02.2019
Park, Sang-jin	(73) HiAsset GmbH	(54) MOBILE TERMINAL
Yoo, Ki-hyun	(72) HINKEL, Ralf	(73) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
Lee, Sang-hoon	HINKEL, Rene	(72) CHEN, Jia
Lee, Seung-gweon	(74) drs. P.F.H.M. van Someren c.s.	(74) dr. W.A.H.M. Van Borm
(74) dr. W.A.H.M. Van Borm	(31) 102014220059	(31) 201820676697 U
(31) 201361756269 P	102014220057	201810421762
20130045043	102014220055	(32) 04.05.2018
(32) 24.01.2013	(32) 02.10.2014	04.05.2018
23.04.2013	02.10.2014	(33) China
(33) United States of America	(33) Germany	China
Korea (Republic)	Germany	(47) 15.07.2020
	Germany	(51) G06F 3/01
	(47) 20.05.2020	G06F 3/03
	(51) G05F 1/573	H04L 29/08
	H02H 9/00	
	(11) EP3491709	

H04W 8/00	(31) 201210247219	DAUP, John, Scott
G06F 3/0346	(32) 17.07.2012	(74) dr. A. Ellens c.s.
(11) EP2932356	(33) China	(31) 201113290739
(21) EP13818707.5	(47) 03.06.2020	(32) 07.11.2011
(22) 16.12.2013	(51) G06F 3/0488	(33) United States of America
(54) METHOD FOR ACTIVATING A MOBILE DEVICE IN A NETWORK, AND ASSOCIATED DISPLAY DEVICE AND SYSTEM	(11) EP2972739	(47) 27.05.2020
(73) InterDigital CE Patent Holdings	(21) EP14710473.1	(51) G06F 21/10
(72) DORE, Renaud	(22) 26.02.2014	G06F 21/12
DEMOLIN, Vincent	(54) DEVICE, METHOD, AND GRAPHICAL USER INTERFACE FOR MANAGING CONCURRENTLY OPEN SOFTWARE APPLICATIONS	(11) EP2875460
PLISSONNEAU, Frédéric	(73) Apple Inc.	(21) EP13742108.7
(74) ir. M.F.J.M. Ketelaars c.s.	(72) CHAUDHRI, Imran	(22) 15.07.2013
(31) 1262179	(74) ir. A.R. Aalbers	(54) ANTI-CLONING SYSTEM AND METHOD
(32) 17.12.2012	(31) 201361801943 P	(73) Callsign, Inc
(33) France	201361832892 P	(72) HAYAT, Zia
(47) 15.07.2020	201414183353	(74) ir. M.F.J.M. Ketelaars c.s.
(51) G06F 3/01	201414183347	(31) 201261672431 P
G06K 9/00	(32) 15.03.2013	201313939488
(11) EP3155560	09.06.2013	(32) 17.07.2012
(21) EP15807476.5	18.02.2014	11.07.2013
(22) 13.06.2015	18.02.2014	(33) United States of America
(54) METHODS AND SYSTEMS FOR CREATING VIRTUAL AND AUGMENTED REALITY	(33) United States of America	United States of America
(73) Magic Leap, Inc.	United States of America	(47) 20.05.2020
(72) BRADSKI, Gary R.	United States of America	(51) G06K 7/10
MILLER, Samuel A.	United States of America	G06K 7/14
ABOVITZ, Rony	(47) 12.08.2020	(11) EP2819062
(74) ir. W.J.J.M. Kempes	(51) G06F 3/12	(21) EP14173165.3
(31) 201462012273 P	(11) EP3467636	(22) 19.06.2014
(32) 14.06.2014	(21) EP18196086.5	(54) Mobile device having an improved user interface for reading code symbols
(33) United States of America	(22) 21.09.2018	(73) Hand Held Products, Inc.
(47) 20.05.2020	(54) METHOD FOR COMPLETING A STACK OF SHEETS IN AN OUTPUT HOLDER OF A PRINTING SYSTEM	(72) Gelay, Geoffrey
(51) G06F 3/041	(73) Canon Production Printing Holding B.V.	Hussey, Robert Michael
G06F 3/14	(72) GERRITS, Antonius M.	Thakkar, Bhishma
G06F 3/048	RIJBROEK, Dennis H.L.	(74) ir. W.J.J.M. Kempes
(11) EP2619643	(74) ir. M.J. Groen	(31) 201313930913
(21) EP11827015.6	(31) 17194628	(32) 28.06.2013
(22) 23.09.2011	(32) 03.10.2017	(33) United States of America
(54) METHOD AND APPARATUS FOR EDITING HOME SCREEN IN TOUCH DEVICE	(33) European Patent Office (EPO)	(47) 05.08.2020
(73) Samsung Electronics Co., Ltd	(47) 10.06.2020	(51) G06K 9/00
(72) LEE, Sang Ki	(51) G06F 16/907	(11) EP3095071
YOUN, Su Jung	(11) EP3343395	(21) EP15701613.0
LIM, Kyoung Ae	(21) EP16838499.8	(22) 08.01.2015
SHIM, Su Mi	(22) 16.08.2016	(54) ULTRASONIC IMAGING WITH ACOUSTIC RESONANT CAVITY
LIM, Wan Soo	(54) DATA STORAGE METHOD AND APPARATUS FOR MOBILE TERMINAL	(73) Qualcomm Incorporated
(74) ir. M.F.J.M. Ketelaars c.s.	(73) Alibaba Group Holding Limited	(72) KUO, Nai-Kuei
(31) 20100092840	(72) LIAN, Jie	DJORDJEV, Kostadin Dimitrov
(32) 24.09.2010	(74) dr. W.A.H.M. Van Borm	RANGANATHAN, Ranjith
(33) Korea (Republic)	(31) 201510524667	CHUEI, Nao Sugawara
(47) 22.07.2020	(32) 24.08.2015	(74) ir. M.F.J.M. Ketelaars c.s.
(51) G06F 3/041	(33) China	(31) 201461926829 P
G06F 9/48	(47) 22.07.2020	201514589783
G06F 3/048	(51) G06F 17/22	(32) 13.01.2014
G06F 3/0488	G06F 17/24	05.01.2015
(11) EP2846237	(11) EP2776940	(33) United States of America
(21) EP13819924.5	(21) EP12847806.2	United States of America
(22) 17.07.2013	(22) 22.10.2012	(47) 08.07.2020
(54) APPLICATION SWITCHING METHOD AND APPARATUS, AND TOUCH SCREEN ELECTRONIC DEVICE	(54) SYSTEMS, METHODS, AND INTERFACES FOR PROVIDING ELECTRONIC BOOK VERSIONS WITHIN AN ACCESS DEVICE	(51) G06K 9/20
(73) Huawei Device Co., Ltd.	(73) Thomson Reuters Enterprise Centre GmbH	G06K 9/22
(72) LONG, Kaizhong	(72) BENNETT, Daniel	G06T 3/40
(74) ir. W.J.J.M. Kempes		(11) EP3039617
		(21) EP14766921.2
		(22) 29.08.2014
		(54) USER FEEDBACK FOR REAL-TIME CHECKING AND IMPROVING QUALITY OF SCANNED IMAGE
		(73) ML Netherlands C.V.

- (72) ILIC, Alexander  
WEIGAND, Peter  
FONSEKA, Erik
- (74) ir. W.J.J.M. Kempes  
(31) 201361872688 P  
(32) 31.08.2013  
(33) United States of America  
(47) 20.05.2020
- 
- (51) G06K 9/46  
G06T 7/44
- (11) EP2870568  
(21) EP13732573.4  
(22) 01.07.2013  
(54) METHOD FOR TRANSFORMING AN IMAGE DESCRIPTOR BASED ON A GRADIENT HISTOGRAM AND RELATIVE IMAGE PROCESSING APPARATUS
- (73) New Luck Global Limited  
(72) PASCHALAKIS, Stavros  
BOBER, Miroslaw  
(74) dr. W.A.H.M. Van Borm  
(31) TO20120602  
(32) 09.07.2012  
(33) Italy  
(47) 24.06.2020
- 
- (51) G06Q 20/00  
(11) EP2189932  
(21) EP09172134.0  
(22) 02.10.2009  
(54) Electronic payment system using mobile wireless communications device and associated methods
- (73) BlackBerry Limited  
(72) Sartipi, Siamak  
(74) dr. W.A.H.M. Van Borm  
(31) 117516 P  
(32) 24.11.2008  
(33) United States of America  
(47) 15.07.2020
- 
- (51) G06Q 20/02  
G06Q 20/38  
G06Q 20/40  
G06F 21/31  
G06F 21/62  
G06F 16/93  
G07C 9/00  
G07C 9/22  
G07C 9/27
- (11) EP3053146  
(21) EP14703589.3  
(22) 10.02.2014  
(54) SYSTEMS AND METHODS FOR SHARING VERIFIED IDENTITY DOCUMENTS
- (73) Trunomi Ltd.  
Lacey, Stuart H.  
(72) LACEY, Stuart H.  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 201361885432 P  
201314099751  
(32) 01.10.2013  
06.12.2013  
(33) United States of America  
United States of America  
(47) 03.06.2020
- 
- (51) G06T 1/20  
H01L 21/66
- G06T 7/00
- (11) EP2195834  
(21) EP08831947.0  
(22) 22.09.2008  
(54) SYSTEMS AND METHODS FOR CREATING PERSISTENT DATA FOR A WAFER AND FOR USING PERSISTENT DATA FOR INSPECTION-RELATED FUNCTIONS
- (73) KLA-Tencor Corporation  
(72) BHASKAR, Kris  
BHASKAR, Chetana  
KULKARNI, Ashok  
ROSENGAUS, Eliezer  
CAMPOCHIARO, Cecelia  
MAHER, Chris  
DUFFY, Brian  
KHULLAR, Aneesh  
KOHLI, Alpa  
BALASUBRAMANIAN, Lalita  
BHATTACHARYYA, Santosh  
MAHADEVAN, Mohan
- (74) ir. W.J.J.M. Kempes  
(31) 974030 P  
234201  
(32) 20.09.2007  
19.09.2008  
(33) United States of America  
United States of America  
(47) 24.06.2020
- 
- (51) G06T 3/60  
(11) EP3341912  
(21) EP16726028.0  
(22) 13.05.2016  
(54) IMAGE PROCESSING APPARATUS
- (73) FotoNation Limited  
(72) GEORGESCU, Vlad  
MUNTEANU, Mihai Constantin  
BIGIOI, Petronel  
ZAHARIA, Corneliu  
FULOP, Szabolcs  
SIMON, Gyorgy
- (74) dr. W.A.H.M. Van Borm  
(31) 201562210243 P  
(32) 26.08.2015  
(33) United States of America  
(47) 08.07.2020
- 
- (51) G06T 5/00  
G06T 5/50  
H04N 5/232  
H04N 5/272  
G06T 7/12  
H04N 13/271
- (11) EP3457683  
(21) EP18194085.9  
(22) 12.09.2018  
(54) DYNAMIC GENERATION OF IMAGE OF A SCENE BASED ON REMOVAL OF UNDESIRED OBJECT PRESENT IN THE SCENE
- (73) Sony Corporation  
(72) Banik, Ananya  
Sulibhavi, Madhvesh  
(74) ir. W.J.J.M. Kempes  
(31) 201715705506  
(32) 15.09.2017  
(33) United States of America  
(47) 22.07.2020
- 
- (51) G06T 11/00  
(11) EP2467832  
(21) EP10810447.2  
(22) 16.08.2010  
(54) SYSTEM AND METHOD FOR FOUR DIMENSIONAL ANGIOGRAPHY AND FLUOROSCOPY
- (73) CMS Medical, LLC  
Mistretta Medical LLC  
(72) MISTRETTA, Charles A.  
STROTHER, Charles M.  
(74) dr. W.A.H.M. Van Borm  
(31) 542376  
692340  
(32) 17.08.2009  
22.01.2010  
(33) United States of America  
United States of America  
(47) 17.06.2020
- 
- (51) G07C 9/00  
(11) EP2885768  
(21) EP13756751.7  
(22) 14.08.2013  
(54) ACCESS CONTROL APPARATUS WITH MODULAR ENCODER SUBASSEMBLY
- (73) Onity Inc.  
(72) GOSTERISLI, Levent  
BONNETT, Craig  
VECCHIOTTI, Alberto  
BAILEY, Dennis
- (74) ir. M.F.J.M. Ketelaars c.s.  
(31) 201261684175 P  
(32) 17.08.2012  
(33) United States of America  
(47) 20.05.2020
- 
- (51) G08C 17/02  
(11) EP3069333  
(21) EP14771488.5  
(22) 10.09.2014  
(54) MOBILE USER INTERFACE FOR SECURITY PANEL
- (73) UTC Fire & Security Americas Corporation, Inc.  
(72) KRISHNA, Prashantha Talanjeri  
RAMOUTAR, Michael  
EAMES, Darin  
NECKARAJE, Sunil Kumar  
MANGAIAHGARI, Phani Pavan Kumar  
N, Anantha Krishnan
- (74) ir. M.F.J.M. Ketelaars c.s.  
(31) 201361902920 P  
(32) 12.11.2013  
(33) United States of America  
(47) 27.05.2020
- 
- (51) G09F 9/33  
(11) EP3270369  
(21) EP16178827.8  
(22) 11.07.2016  
(54) ASSEMBLY WITH A PLURALITY OF LEDS AND VIDEO BOARD
- (73) B1 LED Videoboard UG  
(72) DÖKER, Werner  
(74) dr. W.A.H.M. Van Borm  
(47) 27.05.2020
- 
- (51) G10K 11/175  
G10K 11/178  
H04R 1/10  
H04R 25/00

(11) EP2761892	(11) EP2676271	(11) EP2306353
(21) EP12837000.4	(21) EP12746553.2	(21) EP10011521.1
(22) 27.09.2012	(22) 14.02.2012	(22) 29.07.2005
(54) METHODS AND APPARATUS FOR REDUCING AMBIENT NOISE BASED ON ANNOYANCE PERCEPTION AND MODELING FOR HEARING-IMPAIRED LISTENERS	(54) DEVICE AND METHOD FOR QUANTIZING THE GAINS OF THE ADAPTIVE AND FIXED CONTRIBUTIONS OF THE EXCITATION IN A CELP CODEC	(54) System and method for managing medical databases for patient care devices
(73) Starkey Laboratories, Inc.	(73) VoiceAge EVS LLC	(73) CareFusion 303, Inc.
(72) ZHANG, Tao	(72) MALENOVSKY, Vladimir	(72) Butterfield, Robert D.
MCKINNEY, Martin	(74) dr. W.A.H.M. Van Borm	(74) ir. M.F.J.M. Ketelaars c.s.
XIAO, Jinjun	(31) 201161442960 P	(31) 902989
VISHNUHOTLA, Srikanth	(32) 15.02.2011	(32) 30.07.2004
XU, Buye	(33) United States of America	(33) United States of America
(74) dr. W.A.H.M. Van Borm	(47) 29.07.2020	(47) 20.05.2020
(31) 201161539783 P	(51) G10L 19/24	(51) H01B 1/02
201261680973 P	G10L 21/0216	H01B 1/16
(32) 27.09.2011	G10L 25/06	H01L 31/0224
08.08.2012	G10L 25/21	H01L 31/18
(33) United States of America	G10L 25/78	H01L 31/068
United States of America	G10L 25/84	(11) EP3494600
(47) 15.07.2020	(11) EP3438979	(21) EP17755281.7
(51) G10L 15/22	(21) EP18195924.8	(22) 03.08.2017
(11) EP3065131	(22) 01.12.2014	(54) PASSIVATED EMITTER AND REAR CONTACT SOLAR CELL
(21) EP15157919.0	(54) ESTIMATION OF BACKGROUND NOISE IN AUDIO SIGNALS	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO
(22) 06.03.2015	(73) Telefonaktiebolaget LM Ericsson (publ)	(72) ANKER, John
(54) Method and system for post-processing a speech recognition result	(72) SEHLSTEDT, Martin	BENDE, Evert Eugène
(73) ZETES Industries S.A.	(74) ir. A. Blokland c.s.	GEERLIGS, Lambert Johan
(72) Forster, Jean-Luc	(31) 201361918258 P	STODOLNY, Maciej Krzyszto
(74) J.M.H. Duyver lic.	(32) 19.12.2013	(74) ir. M.F.J.M. Ketelaars c.s.
(47) 20.05.2020	(33) United States of America	(31) 2017290
(51) G10L 15/22	(47) 24.06.2020	(32) 04.08.2016
H04L 29/06	(51) G11B 20/10	(33) Netherlands
H04R 3/00	G11B 20/14	(47) 03.06.2020
(11) EP3586490	H03M 5/14	(51) H01F 13/00
(21) EP18709225.9	(11) EP2608204	(11) EP3230990
(22) 21.02.2018	(21) EP12196532.1	(21) EP15807664.6
(54) NETWORKED MICROPHONE DEVICE CONTROL	(22) 11.12.2012	(22) 09.12.2015
(73) Sonos Inc.	(54) Methods and systems for decoding data	(54) DEMAGNETIZATION DEVICE AND METHOD FOR DEMAGNETIZING A TRANSFORMER CORE
(72) KUSANO, Mieko	(73) General Electric Company	(73) Omicron electronics GmbH
WILBERDING, Dayn	(72) Deb, Budhaditya	(72) KLAPPER, Ulrich
WENOCUR, Jonathan	Ross, John Anderson Fergus	(74) ir. M.F.J.M. Ketelaars c.s.
LANG, Jonathan	(74) ir. W.J.J.M. Kempes	(31) 508922014
(74) dr. W.A.H.M. Van Borm	(31) 201113331625	(32) 09.12.2014
(31) 201715438725	(32) 20.12.2011	(33) Austria
(32) 21.02.2017	(33) United States of America	(47) 03.06.2020
(33) United States of America	(47) 15.07.2020	(51) H01F 27/12
(47) 29.07.2020	(51) G16B 5/30	H01F 27/14
(51) G10L 19/02	(11) EP2463654	(11) EP3001434
G10L 19/12	(21) EP11182034.6	(21) EP14186769.7
G10L 19/22	(22) 24.10.2002	(22) 29.09.2014
G10L 25/18	(54) Compositions and methods for modeling saccharomyces cerevisiae metabolism	(54) Radiator for cooling a coolant liquid of a transformer
G10L 25/21	(73) The Regents of the University of California	(73) Siemens Aktiengesellschaft
(11) EP3157010	(72) Palsson, Bernard O.	(72) Janik, Uwe
(21) EP15826814.4	Famili, Imandokht	(74) ir. M.F.J.M. Ketelaars c.s.
(22) 01.04.2015	Fu, Pengcheng	(47) 10.06.2020
(54) AUDIO CODING	(74) dr. W.A.H.M. Van Borm	(51) H01H 31/16
(73) Huawei Technologies Co., Ltd.	(31) 263901	(11) EP3469610
(72) LIU, Zexin	344447 P	(21) EP17739935.9
MIAO, Lei	(32) 02.10.2002	(22) 06.07.2017
(74) ir. W.J.J.M. Kempes	26.10.2001	(54) CONTACT ARM FOR A HIGH-VOLTAGE SWITCHING DEVICE AND METHOD FOR THE USE THEREOF
(31) 201410363905	(33) United States of America	(73) Siemens Aktiengesellschaft
(32) 28.07.2014	United States of America	(72) HURNICKI, Matthias
(33) China	(47) 03.06.2020	
(47) 10.06.2020	(51) G16H 40/67	
(51) G10L 19/083		

ROHMANN, Mariusz	H01L 23/48	(21) EP15860737.4
RÄTH, Bernd	(11) EP2820671	(22) 19.11.2015
SCHRÄDER, Dirk	(21) EP13708323.4	(54) BI-AND TRI-LAYER INTERFACIAL
(74) ir. M.F.J.M. Ketelaars c.s.	(22) 26.02.2013	LAYERS IN PEROVSKITE MATERIAL
(31) 102016214380	(54) STRUCTURE AND METHOD FOR	DEVICES
(32) 03.08.2016	STRAIN-RELIEVED TSV	(73) Hunt Perovskite Technologies, L.L.C.
(33) Germany	(73) Qualcomm Incorporated	(72) IRWIN, Michael D.
(47) 27.05.2020	(72) RAMACHANDRAN, Vidhya	CHUTE, Jerred A.
(51) H01L 21/60	GU, Shiquin	DHAS, Vivek V.
H01L 21/67	(74) ir. M.F.J.M. Ketelaars c.s.	(74) J.M.H. Duyver lic.
H01L 21/683	(31) 201213405600	(31) 201462083063 P
(11) EP3425661	(32) 27.02.2012	201514711391
(21) EP17759203.7	(33) United States of America	(32) 21.11.2014
(22) 27.02.2017	(47) 17.06.2020	13.05.2015
(54) CHIP BONDING APPARATUS AND	(51) H01L 25/075	(33) United States of America
METHOD	H01L 33/50	United States of America
(73) Shanghai Micro Electronics Equipment	F21V 23/00	(47) 27.05.2020
(Group) Co., Ltd.	F21K 9/64	(51) H01M 2/02
(72) ZHU, Yuebin	(11) EP2308108	H01M 2/10
CHEN, Feibiao	(21) EP09803098.4	H01M 10/04
XIA, Hai	(22) 16.06.2009	(11) EP3547390
YU, Bin	(54) WARM WHITE LIGHT EMITTING	(21) EP19164733.8
GUO, Song	APPARATUS AND BACK LIGHT	(22) 22.03.2019
GE, Yaping	MODULE COMPRISING THE SAME	(54) END PLATE FOR BATTERY MODULE
(74) ir. A.R. Aalbers	(73) Seoul Semiconductor Co., Ltd.	AND BATTERY MODULE
(31) 201610113368	(72) JUNG, Jung Hwa	(73) Contemporary Ampere Technology Co.,
(32) 29.02.2016	LEE, Sang Min	Limited
(33) China	(74) M.L. Huisman	(72) LONG, Chao
(47) 10.06.2020	(31) 20080074113	ZOU, Huabin
(51) H01L 21/67	20080112863	WANG, Derong
(11) EP1964160	(32) 29.07.2008	ZHOU, Linggang
(21) EP06837695.3	13.11.2008	BAO, Cong
(22) 15.11.2006	(33) Korea (Republic)	(74) ir. M.F.J.M. Ketelaars c.s.
(54) MAGNETIC ANNEALING TOOL	Korea (Republic)	(31) 201810290545
HEAT EXCHANGE SYSTEM AND	(47) 20.05.2020	(32) 30.03.2018
PROCESSES	(51) H01L 27/146	(33) China
(73) TEL Magnetic Solutions Limited	(11) EP3066689	(47) 29.07.2020
(72) JIBB, Richard, John	(21) EP14809062.4	(51) H01M 8/18
BILLINGHAM, John, Fredric	(22) 04.11.2014	(11) EP3482440
McMAHON, Kevin	(54) IMPROVED SEMICONDUCTOR	(21) EP17740699.8
O'SHAUGHNESSY, Noel	RADIATION DETECTOR	(22) 07.07.2017
DUFFY, Edward	(73) Aurola, Artto	(54) CAVERN BATTERY STORAGE DEVICE
FERRIS, Peter	(72) Aurola, Artto	(73) Innogy SE
(74) ir. H.Th. van den Heuvel c.s.	(74) ir. W.J.J.M. Kempes	Innogy Gas Storage NWE GmbH
(31) 294477	(31) 20130320	(72) NEUHAUS, Guido
(32) 06.12.2005	20136170	(74) ir. W.J.J.M. Kempes
(33) United States of America	(32) 04.11.2013	(31) 102016212390
(47) 27.05.2020	22.11.2013	(32) 07.07.2016
(51) H01L 21/67	(33) Finland	(33) Germany
H01L 21/68	Finland	(47) 13.05.2020
(11) EP3054478	(47) 08.07.2020	(51) H01Q 1/27
(21) EP16153896.2	(51) H01L 31/18	H04R 25/00
(22) 02.02.2016	H01L 31/061	(11) EP3313096
(54) LOADING MACHINE AND METHOD	(11) EP2695206	(21) EP17196023.0
FOR LOADING A SUPPORT WITH	(21) EP12707060.5	(22) 11.10.2017
UNHOUSED CHIPS	(22) 23.02.2012	(54) HEARING DEVICE WITH BOWTIE
(73) ASM Assembly Systems GmbH & Co.	(54) METHOD FOR PRODUCING A SOLAR	ANTENNA OPTIMIZED FOR SPECIFIC
KG	CELL	BAND
(72) Prüfer, Martin	(73) Robert Bosch GmbH	(73) Starkey Laboratories, Inc.
Ohnrich, Bernd	(72) BOESCKE, Tim	(72) HOSADURGA, Deepak Pai
Demmel, Sylvester	(74) ir. F.A. Geurts c.s.	POLINSKE, Beau Jay
Wörl, Manfred	(31) 102011006624	(74) dr. W.A.H.M. Van Borm
(74) mr. ir. J. van Breda c.s.	(32) 01.04.2011	(31) 201615331077
(31) 102015101759	(33) Germany	(32) 21.10.2016
(32) 06.02.2015	(47) 24.06.2020	(33) United States of America
(33) Germany	(51) H01L 51/42	(47) 15.07.2020
(47) 20.05.2020	H01L 51/44	(51) H01Q 9/04
(51) H01L 21/768	(11) EP3221898	H01Q 9/20

H01Q 21/24	(47) 24.06.2020	Larionov, Pavel
H01Q 23/00	(51) H01R 12/70	(31) 102011075658
H05K 1/02	H01R 9/24	(32) 11.05.2011
(11) EP3161901	H01R 27/02	(33) Germany
(21) EP15814798.3	H01R 43/24	(47) 08.01.2020
(22) 30.06.2015	(11) EP3381094	(51) H02J 3/14
(54) ANTENNA FEED INTEGRATED ON MULTI-LAYER PRINTED CIRCUIT BOARD	(21) EP16891956.1	H02J 3/28
(73) Samsung Electronics Co., Ltd.	(22) 29.02.2016	(11) EP3271988
(72) TZANIDIS, Ioannis	(54) ELECTRICAL CONNECTOR	(21) EP16713773.6
MONROE, Robert	(73) SZ DJI Technology Co., Ltd.	(22) 17.03.2016
(74) ir. M.F.J.M. Ketelaars c.s.	(72) TANG, Yin	(54) DYNAMIC HYBRID CONTROL
(31) 201462019129 P	FENG, Jiangang	(73) Kongsberg Maritime AS
201514752531	PENG, Tao	(72) MATHIESEN, Eirik
(32) 30.06.2014	WANG, Lei	REALFSEN, Bjørnar
26.06.2015	WANG, Wentao	JOHANNESSEN, Petter Faugstad
(33) United States of America	(74) ir. F.A. Geurts c.s.	JENSSEN, Niils Albert
United States of America	(47) 03.06.2020	JØRGENSEN, Ole Henrik
(47) 17.06.2020	(51) H01S 3/08	(74) dr. A. Ellens c.s.
(51) H01Q 9/04	H01S 3/082	(31) 20150349
H01Q 9/28	H01S 3/10	(32) 20.03.2015
H01Q 9/30	H01S 3/225	(33) Norway
H01Q 21/28	(11) EP2937954	(47) 20.05.2020
H01Q 21/30	(21) EP12890192.3	(51) H02J 3/38
H01Q 23/00	(22) 20.12.2012	H02M 1/00
(11) EP3455907	(54) EXCIMER LASER COMBINATION CAVITY	(11) EP3022835
(21) EP16723988.8	(73) Rainbow Source Laser	(21) EP14739841.6
(22) 10.05.2016	(72) ZHOU, Yi	(22) 17.07.2014
(54) C-FED ANTENNA FORMED ON MULTI-LAYER PRINTED CIRCUIT BOARD EDGE	SHAN, Yaoying	(54) INVERTER COMPRISING AT LEAST TWO DIRECT CURRENT INPUTS, A PHOTOVOLTAIC INSTALLATION COMPRISING SUCH AN INVERTER, AND A METHOD FOR ACTUATING AN INVERTER
(73) Sony Mobile Communications Inc.	FAN, Yuanyuan	(73) SMA Solar Technology AG
(72) YING, Zhinong	SONG, Xingliang	(72) EWIG, Carsten
(74) ir. W.J.J.M. Kempes	ZHANG, Lijia	MEERWART, Dietmar
(47) 24.06.2020	CUI, Huirong	(74) ir. M.F.J.M. Ketelaars c.s.
(51) H01Q 13/08	WANG, Yu	(31) 102013107721
H01Q 21/00	(74) ir. A. Blokland c.s.	(32) 19.07.2013
H01Q 21/06	(47) 22.07.2020	(33) Germany
H01Q 21/24	(51) H02G 3/14	(47) 03.06.2020
(11) EP3342003	H02G 3/18	(51) H02J 7/00
(21) EP16754100.2	H02G 9/10	B60L 53/10
(22) 11.08.2016	(11) EP2913904	B60L 53/30
(54) MONOLITHIC PHASED-ARRAY ANTENNA SYSTEM	(21) EP15156248.5	B60L 53/31
(73) Northrop Grumman Systems Corporation	(22) 24.02.2015	B60L 53/63
(72) SANCHEZ, Victor C.	(54) Under floor box, and method for installing an under floor box	B60L 53/66
(74) ir. W.J.J.M. Kempes	(73) OBO Bettermann GmbH & Co. KG	B60L 53/68
(31) 201514837954	(72) Raschke, Jörg	B60L 53/80
(32) 27.08.2015	Hütt, Christoph	B60L 55/00
(33) United States of America	(74) ir. F.A. Geurts c.s.	B60L 58/12
(47) 05.08.2020	(31) 102014203622	B60L 58/22
(51) H01Q 13/16	(32) 27.02.2014	(11) EP2973937
H01Q 21/06	(33) Germany	(21) EP14769329.5
H01Q 21/24	(47) 03.06.2020	(22) 10.03.2014
(11) EP3172797	(51) H02J 1/14	(54) MODULAR SYSTEM FOR COLLECTION AND DISTRIBUTION OF ELECTRIC STORAGE DEVICES
(21) EP14799215.0	H02J 3/38	(73) Gogoro Inc.
(22) 03.11.2014	H02M 7/537	(72) LUKE, Hok-Sum, Horace
(54) SLOT ANTENNA	H02M 7/797	TAYLOR, Matthew, Whiting
(73) Telefonaktiebolaget LM Ericsson (publ)	(11) EP2523339	HUNG, Huang-Cheng
(72) WIGHT, Jim	(21) EP12166719.0	(74) ir. A.R. Aalbers
FRANK, Peter	(22) 04.05.2012	(31) 201361789065 P
SMITH, Roland	(54) Method and apparatus for energy generation by a photovoltaic arrangement with compensation of energy between the branches of the photovoltaic generators	(32) 15.03.2013
SKOF, Mike	(73) SF Suntech Deutschland GmbH	(33) United States of America
(74) ir. M.F.J.M. Ketelaars c.s.	(72) Hauser, Thomas	(47) 03.06.2020
(31) 201462026811 P	Dobrenko, Alexey	(51) H02J 7/00
(32) 21.07.2014	Schilli, Marco	
(33) United States of America		

H02J 7/02	PUROSTO, Tero	HADANI, Rony
(11) EP2571137	PETROV, Ilya	(74) dr. A. Krebs
(21) EP12184300.7	PYRHÖNEN, Juha	(31) 201261615884 P
(22) 13.09.2012	(74) ir. A. Blokland c.s.	201213430690
(54) Circuit for a small electric appliance with an accumulator and method for measuring a charging current	(47) 24.06.2020	(32) 26.03.2012
(73) Braun GmbH	(51) H02K 7/18	27.03.2012
(72) Klemm, Torsten	H02K 35/02	(33) United States of America
Faranda, Leo	(11) EP2666234	United States of America
Küchler, Kervin Heinrich	(21) EP11793763.1	(47) 27.05.2020
(31) 11007660	(22) 06.12.2011	(51) H04B 1/10
(32) 16.09.2011	(54) INDUCTION GENERATOR AND METHOD FOR PRODUCING AN INDUCTION GENERATOR	H04B 1/18
(33) European Patent Office (EPO)	(73) ZF Friedrichshafen AG	H04L 1/00
(47) 24.06.2020	(72) RUFF, Eduard	H04L 27/00
(51) H02J 7/02	(74) ir. W.J.J.M. Kempes	(11) EP3053290
(11) EP3404797	(31) 102011002740	(21) EP14786749.3
(21) EP18182898.9	(32) 17.01.2011	(22) 29.09.2014
(22) 21.03.2014	(33) Germany	(54) DYNAMIC SNR ADJUSTMENT IN A RECEIVER SUPPORTING 256QAM
(54) WIRELESS POWER TRANSMITTER, WIRELESS POWER RECEIVER, AND CONTROL METHODS THEREOF	(47) 10.06.2020	(73) Qualcomm Incorporated
(73) Samsung Electronics Co., Ltd.	(51) H03F 3/26	(72) FERNANDO, Udara, Charman
(72) KWON, Hyuk-Choon	(11) EP3182586	BHATTACHARJEE, Supratik
KIM, Nam-Yun	(21) EP16203637.0	GHEORGHIU, Valentin, Alexandru
JUNG, Hee-Won	(22) 13.12.2016	FONG, Gene
JUNG, Soo-Yeon	(54) RF POWER AMPLIFIER WITH DUAL TRANSISTORS AND RF STATION USING SUCH AN AMPLIFIER	(74) ir. M.F.J.M. Ketelaars c.s.
(74) ir. M.F.J.M. Ketelaars c.s.	(73) Thales	(31) 201361884869 P
(31) 20130031180	(72) DEMENITROUX, Wilfried	201414207492
20130050128	AUGEREAU, Hughes	(32) 30.09.2013
20130052761	SABOUREAU, Cedrick	12.03.2014
20130053450	(74) ir. H.A. Witmans c.s.	(33) United States of America
(32) 22.03.2013	(31) 1502638	United States of America
03.05.2013	(32) 18.12.2015	(47) 17.06.2020
09.05.2013	(33) France	(51) H04B 1/54
10.05.2013	(47) 20.05.2020	H04B 3/32
(33) Korea (Republic)	(51) H03M 7/40	H04B 7/26
Korea (Republic)	H03M 7/46	H04L 5/14
Korea (Republic)	(11) EP2908438	H04L 27/26
Korea (Republic)	(21) EP15160282.8	H04W 56/00
(47) 17.06.2020	(22) 06.11.2009	(11) EP3457617
(51) H02J 9/00	(54) SYSTEM AND METHOD FOR COMPRESSING A STREAM OF INTEGER-VALUED DATA	(21) EP17191707.3
H05B 45/00	(73) Apple Inc.	(22) 18.09.2017
H05B 47/105	(72) Oslick, Mitchell	(54) METHOD AND APPARATUS FOR COORDINATING FDX AND TDD COMMUNICATIONS IN A COMMUNICATION SYSTEM
H05B 47/18	(74) ir. A.R. Aalbers	(73) Nokia Technologies Oy
(11) EP2557657	(31) 268171	(72) Maes, Jochen
(21) EP12005509.0	(32) 10.11.2008	Lefevre, Yannick
(22) 27.07.2012	(33) United States of America	Coomans, Werner
(54) Emergency lighting system and method for supplying it with power	(47) 27.05.2020	(74) ir. W.J.J.M. Kempes
(73) Eaton Intelligent Power Limited	(51) H04B 1/00	(47) 17.06.2020
(72) Prasuhn, Jürgen	H04J 11/00	(51) H04B 3/32
(74) ir. M.F.J.M. Ketelaars c.s.	H04L 1/00	H04L 5/14
(31) 102011109090	H04L 5/00	H04B 3/487
(32) 01.08.2011	H04L 25/02	(11) EP3138206
(33) Germany	H04L 25/03	(21) EP15721495.8
(47) 24.06.2020	H04L 27/26	(22) 28.04.2015
(51) H02K 1/02	H04L 27/36	(54) LOW POWER MODE WITH LEGACY COMPATIBILITY
H02K 1/22	H04L 27/38	(73) TQ Delta, LLC
H02K 41/03	(11) EP2832000	(72) TZANNES, Marcos C.
(11) EP3386082	(21) EP13768150.8	(74) ir. W.J.J.M. Kempes
(21) EP17164943.7	(22) 25.03.2013	(31) 201461985168 P
(22) 05.04.2017	(54) SIGNAL MODULATION METHOD RESISTANT TO ECHO REFLECTIONS AND FREQUENCY OFFSETS	(32) 28.04.2014
(54) LINEAR FLUX SWITCHING PERMANENT MAGNET MOTOR	(73) Cohere Technologies, Inc.	(33) United States of America
(73) KONE Corporation	(72) RAKIB, Shlomo, Selim	(47) 10.06.2020
(72) HAKALA, Tero		(51) H04B 7/06
KORHONEN, Tuukka		H04B 7/08
		(11) EP2514112

(21) EP10842415.1	H04L 1/02	H04W 72/08
(22) 10.11.2010	H04L 1/04	H04W 72/12
(54) DEVICE, SYSTEM AND METHOD OF WIRELESS COMMUNICATION VIA MULTIPLE ANTENNA ASSEMBLIES	H04L 1/06	H04W 84/04
(73) Intel Corporation	H04L 27/00	(11) EP2324577
(72) SOFER, Menashe	H04B 7/02	(21) EP09813261.6
KASHER, Assaf	(11) EP2101435	(22) 11.09.2009
(74) ir. W.J.J.M. Kempes	(21) EP08170201.1	(54) APPARATUS AND METHOD FOR SCHEDULING IN A RELAY SYSTEM
(31) 639044	(22) 01.11.2005	(73) Samsung Electronics Co., Ltd.
(32) 16.12.2009	(54) Method and apparatus for combining space-frequency block coding, spatial multiplexing and beamforming in a MIMO-OFDM system	(72) YU, Tak-Ki c/o Samsung Electronics Co.Ltd.
(33) United States of America	(73) InterDigital Technology Corporation	HAN, Seung-Hee c/o Samsung Electronics Co.Ltd.
(47) 27.05.2020	(72) Kwak, Jaeyoung	KIM, Yung-Soo c/o Samsung Electronics Co.Ltd.
(51) H04B 7/06	Koo, Chang-Soo	JUNG, Sung-Yoon c/o Samsung Electronics Co.Ltd.
H04B 7/08	Olesen, Robert Lind	(74) ir. M.F.J.M. Ketelaars c.s.
H04L 5/00	Bultan, Aykut	(31) 20080090530
H04B 7/024	Ozluturk, Fatih	(32) 12.09.2008
(11) EP3424152	(74) drs. P.F.H.M. van Someren c.s.	(33) Korea (Republic)
(21) EP17712289.2	(31) 627210 P	(47) 03.06.2020
(22) 02.03.2017	254358	(51) H04B 7/26
(54) METHODS AND APPARATUS FOR BEAM CONTROL IN BEAMFORMED SYSTEMS	(32) 12.11.2004	H04L 1/16
(73) IDAC Holdings, Inc.	20.10.2005	H04L 5/00
(72) DEENOO, Yugeswar	(33) United States of America	H04L 27/26
DENG, Tao	United States of America	(11) EP3531600
STERN-BERKOWITZ, Janet, A.	(47) 27.05.2020	(21) EP19168915.7
LEE, Moon-il	(51) H04B 7/06	(22) 12.12.2011
BELURI, Mihaela, C.	H04W 52/14	(54) METHOD AND APPARATUS FOR TRANSMITTING ACK/NACK IN A WIRELESS COMMUNICATION SYSTEM BASED ON TDD
PRAGADA, Ravikumar, V.	H04W 52/24	(73) LG Electronics Inc.
(74) ir. M.F.J.M. Ketelaars c.s.	H04W 52/36	(72) AHN, Joon Kui
(31) 201662302962 P	H04B 7/0426	YANG, Suck Chel
(32) 03.03.2016	(11) EP3567939	KIM, Min Gyu
(33) United States of America	(21) EP19171289.2	SEO, Dong Youn
(47) 10.06.2020	(22) 26.04.2019	(74) ir. J.C. Volmer c.s.
(51) H04B 7/06	(54) METHOD AND APPARATUS FOR TRIGGERING POWER HEADROOM REPORT FOR MULTIPLE PATHLOSS REFERENCE IN A WIRELESS COMMUNICATION SYSTEM	(31) 42263910 P
H04J 11/00	(73) ASUSTek Computer Inc.	42357010 P
H04L 1/00	(72) LIN, Ko-Chiang	201061425736 P
H04L 25/02	GUO, Yu-Hsuan	201161433897 P
H04L 25/03	LI, Ming-Che	(32) 13.12.2010
H04L 27/00	TSAI, Hsin-Hsi	15.12.2010
H04L 27/26	(74) drs. P.F.H.M. van Someren c.s.	21.12.2010
H04L 27/36	(31) 201862669461 P	18.01.2011
H04B 7/0452	(32) 10.05.2018	(33) United States of America
H04B 7/10	(33) United States of America	United States of America
(11) EP2228959	(47) 08.07.2020	United States of America
(21) EP10156950.7	(51) H04B 7/06	United States of America
(22) 20.08.2008	H04W 72/12	(47) 12.08.2020
(54) Compensation of quadrature imbalance in a system with multiple antennas	(11) EP3461026	(51) H04B 11/00
(73) Rearden LLC	(21) EP18195880.2	H04L 9/00
(72) Forenza, Antonio	(22) 21.09.2018	(11) EP3469744
Heath, Robert W. Jr.	(54) METHOD AND APPARATUS OF PREVENTING BANDWIDTH PART MISALIGNMENT IN A WIRELESS COMMUNICATION SYSTEM	(21) EP17745779.3
Perlman, Stephen G.	(73) ASUSTek Computer Inc.	(22) 13.06.2017
van der Laan, Roger	(72) SHIH, Tun-Huai	(54) METHOD FOR CODING BY RANDOM ACOUSTIC SIGNALS AND ASSOCIATED TRANSMISSION METHOD
Speck, John	CHEN, Wei-Yu	(73) CopSonic
(31) 894394	(74) drs. P.F.H.M. van Someren c.s.	(72) ALVAREZ CANIZARES, David
894362	(31) 201762562095 P	MENDEZ FONSECA, Victor Manuel
894540	(32) 22.09.2017	(74) ir. F.A. Geurts c.s.
(32) 20.08.2007	(33) United States of America	(31) 1655443
20.08.2007	(47) 15.07.2020	(32) 13.06.2016
20.08.2007	(51) H04B 7/14	(33) France
(33) United States of America	H04B 7/155	
United States of America		
United States of America		
(47) 03.06.2020		
(51) H04B 7/06		
H04K 1/10		



(47) 27.05.2020	BETWEEN TERMINALS IN WIRELESS	(21) EP19156039.0
(51) H04J 3/06	COMMUNICATION SYSTEM, AND	(22) 19.04.2010
(11) EP2690805	APPARATUS THEREFOR	(54) COMMUNICATION APPARATUS AND
(21) EP12005357.4	(73) LG Electronics Inc.	COMMUNICATION METHOD
(22) 23.07.2012	(72) SEO, Hanbyul	(73) Sony Corporation
(54) Spectrum management and timing	SEO, Inkwon	(72) KIMURA, Ryota
optimization over multiple distribution	CHAE, Hyukjin	TAKANO, Hiroaki
points	(74) J.M.H. Duyver lic.	MORIOKA, Yuichi
(73) Lantiq Beteiligungs-GmbH & Co. KG	(31) 201461991409 P	(74) ir. W.J.J.M. Kempes
(72) Strobel, Rainer	201461994983 P	(31) 2009113868
(74) ir. W.J.J.M. Kempes	201462003511 P	(32) 08.05.2009
(47) 27.05.2020	201462036606 P	(33) Japan
(51) H04J 3/24	201462052488 P	(47) 29.07.2020
H04L 1/16	(32) 09.05.2014	(51) H04L 1/00
(11) EP2584723	18.05.2014	(11) EP2784966
(21) EP12198005.6	27.05.2014	(21) EP14161715.9
(22) 19.02.2003	12.08.2014	(22) 26.03.2014
(54) Method and apparatus for providing	19.09.2014	(54) Method and apparatus for selecting
a highly reliable ACK/NACK for time	(33) United States of America	modulation and coding selection (MCS)
division duplex (TDD) and frequency	United States of America	level in wireless mobile communication
division duplex (FDD)	United States of America	system
(73) InterDigital Technology Corporation	United States of America	(73) Samsung Electronics Co., Ltd.
(72) Dick, Stephen G.	United States of America	(72) Ko, Yong-Chae
Kim, Younglok	(47) 22.07.2020	Lee, Byeong-Si
Bolourchi, Nader	(51) H04J 11/00	(74) ir. M.F.J.M. Ketelaars c.s.
Shin, Sung-Hyuk	H04W 16/18	(31) 20130032027
(74) ir. M.F.J.M. Ketelaars c.s.	H04W 24/02	(32) 26.03.2013
(31) 357948 P	H04W 24/10	(33) Korea (Republic)
(32) 19.02.2002	H04W 36/00	(47) 08.07.2020
(33) United States of America	(11) EP2077051	(51) H04L 1/00
(47) 17.06.2020	(21) EP07826699.6	H04L 1/16
(51) H04J 11/00	(22) 09.10.2007	H04L 5/00
H04L 1/18	(54) CONTROL METHOD FOR NETWORK	H04W 52/14
H04W 88/02	CONFIGURATION MEASUREMENTS	H04W 52/48
H04B 7/04	(73) Nokia Technologies Oy	H04W 72/04
(11) EP2591568	(72) RANTA, Jukka	(11) EP3461188
(21) EP11803730.8	DALSGAARD, Lars	(21) EP18204693.8
(22) 27.05.2011	KOSKELA, Jarkko	(22) 04.02.2009
(54) METHOD AND APPARATUS FOR	NIELSEN, Sari	(54) EFFICIENT MULTIPLEXING OF
TRANSMITTING UPLINK REFERENCE	(74) dr. W.A.H.M. Van Borm	CONTROL SIGNALS AND DATA IN
SIGNAL IN A MULTI-ANTENNA	(31) 850901 P	COMMUNICATION SYSTEMS
WIRELESS COMMUNICATION SYSTEM	(32) 11.10.2006	(73) Samsung Electronics Co., Ltd.
(73) LG Electronics Inc.	(33) United States of America	(72) Papasakellariou, Aris
(72) NOH, Minseok	(47) 22.07.2020	Cho, Joon-Young
CHUNG, Jaehoon	(51) H04J 11/00	(74) ir. M.F.J.M. Ketelaars c.s.
KO, Hyunsoo	H04W 72/00	(31) 2592508 P
HAN, Seunghee	(11) EP2810387	(32) 04.02.2008
LEE, Moonil	(21) EP13701793.5	(33) United States of America
(74) J.M.H. Duyver lic.	(22) 31.01.2013	(47) 15.07.2020
(31) 362694 P	(54) DOWNLINK INTER-CELL	(51) H04L 1/00
20110029461	INTERFERENCE CANCELLATION	H04L 1/18
(32) 09.07.2010	WITH CELL AGGREGATION	(11) EP2798763
31.03.2011	COORDINATED MULTI-POINT	(21) EP11804501.2
(33) United States of America	(73) Nokia Solutions and Networks Oy	(22) 28.12.2011
Korea (Republic)	(72) TIROLA, Esa Tapani	(54) SYMBOL DETECTION TECHNIQUE
(47) 22.07.2020	PAJUKOSKI, Kari Pekka	(73) Telefonaktiebolaget LM Ericsson (publ)
(51) H04J 11/00	LUNTTILA, Timo Erkki	(72) EDER, Franz
H04L 5/00	KIISKI, Matti Tapani	MUELLER-WEINFURTNER, Stefan
H04L 27/26	TIRKKONEN, Olav	(74) ir. A. Blokland c.s.
H04W 56/00	(74) dr. W.A.H.M. Van Borm	(47) 15.07.2020
H04W 72/04	(31) 201213363780	(51) H04L 1/00
H04W 92/18	(32) 01.02.2012	H04L 1/18
(11) EP3142273	(33) United States of America	H04L 27/26
(21) EP15789883.4	(47) 12.08.2020	H04W 48/10
(22) 11.05.2015	(51) H04J 99/00	H04W 48/12
(54) METHOD FOR TRANSMITTING	H04W 28/06	H04W 48/20
SYNCHRONIZATION SIGNAL	H04B 7/04	H04W 72/04
FOR DIRECT COMMUNICATION	(11) EP3512241	(11) EP3461183

(21) EP18205331.4	(51) H04L 1/06	201210053116
(22) 12.03.2013	H04L 5/00	(32) 31.03.2011
(54) IMPLICIT SIGNALING OF VIRTUAL CELL IDENTIFIERS	H04W 72/04	19.05.2011
(73) QUALCOMM Incorporated	H04W 84/12	06.07.2011
(72) CHEN, Wanshi	(11) EP2617146	08.02.2012
GEIRHOFER, Stefan	(21) EP11826023.1	02.03.2012
GAAL, Peter	(22) 16.09.2011	(33) China
LUO, Tao	(54) SELECTING FREQUENCY BANDS FOR TRANSMITTING DATA PACKETS	China
XU, Hao	(73) Qualcomm Incorporated	China
(74) ir. M.F.J.M. Ketelaars c.s.	(72) KIM, Youhan	China
(31) 201261609924 P	CHO, James	(47) 17.06.2020
201313794757	SHI, Kai	(51) H04L 1/18
(32) 12.03.2012	ZHANG, Ning	(11) EP3240222
11.03.2013	(74) ir. M.F.J.M. Ketelaars c.s.	(21) EP17172635.9
(33) United States of America	(31) 201113233861	(22) 16.03.2009
United States of America	383637 P	(54) METHOD FOR EFFECTIVELY TRANSMITTING CONTROL SIGNAL IN WIRELESS COMMUNICATION SYSTEM
(47) 24.06.2020	(32) 15.09.2011	(73) Optis Cellular Technology, LLC
(51) H04L 1/00	16.09.2010	(72) Ahn, Joon Kui
H04L 5/00	(33) United States of America	Lee, Daewon
H04L 27/26	United States of America	Yun, Young Woo
H04B 7/02	(47) 17.06.2020	Kim, Ki Jun
(11) EP2728787	(51) H04L 1/08	(74) ir. H.A. Witmans c.s.
(21) EP13191272.7	H04L 1/18	(31) 36985 P
(22) 01.11.2013	H04L 5/00	47107 P
(54) Transmission scheme and quasi-co-location assumption of antenna ports for pdsch of transmission mode 10 for lte advanced	H04L 27/26	20090021715
(73) Samsung Electronics Co., Ltd	H04W 28/18	(32) 16.03.2008
(72) Ng, Boon-Loong	H04W 52/14	23.04.2008
Lee, Hyojin	H04W 56/00	13.03.2009
Sayana, Krishna	H04W 72/00	(33) United States of America
Nam, Younghan	(11) EP3255830	United States of America
Kim, Younsun	(21) EP17183265.2	Korea (Republic)
(74) ir. M.F.J.M. Ketelaars c.s.	(22) 04.04.2016	(47) 08.07.2020
(31) 201261721335 P	(54) SOUNDING REFERENCE SIGNAL IN A WIRELESS NETWORK	(51) H04L 1/18
201313942186	(73) Ofinno, LLC	H04L 5/00
(32) 01.11.2012	(72) Dinan, Esmael Hejazi	(11) EP3316507
15.07.2013	(74) ir. W.J.J.M. Kempes	(21) EP17198236.6
(33) United States of America	(31) 201562143181 P	(22) 25.10.2017
United States of America	(32) 05.04.2015	(54) METHOD AND APPARATUS FOR IMPROVING HARQ FEEDBACK IN SHORTENED TTI IN A WIRELESS COMMUNICATION SYSTEM
(47) 22.07.2020	(33) United States of America	(73) ASUSTek Computer Inc.
(51) H04L 1/00	(47) 03.06.2020	(72) HUANG, Chun-Wei
H04L 5/00	(51) H04L 1/16	(74) drs. P.F.H.M. van Someren c.s.
H04W 72/14	H04L 1/18	(31) 201662414358 P
(11) EP3198760	H04L 5/00	(32) 28.10.2016
(21) EP15760574.2	H04L 29/08	(33) United States of America
(22) 27.08.2015	H04L 29/10	(47) 01.07.2020
(54) DOWNLINK CHANNEL DESIGN FOR LTE WITH LOW LATENCY	H04W 52/54	(51) H04L 1/18
(73) QUALCOMM Incorporated	(11) EP2693816	H04W 36/02
(72) XU, Hao	(21) EP12763164.6	(11) EP2720493
GAAL, Peter	(22) 23.03.2012	(21) EP13196530.3
CHEN, Wanshi	(54) METHOD AND DEVICE FOR USE IN FRAME ACKNOWLEDGEMENT	(22) 19.10.2007
PATEL, Shimman Arvind	(73) Beijing Nufont Mobile Multimedia Technology Co., Ltd.	(54) Method and apparatus for performing handover using packet data convergence protocol (PDCP) reordering in mobile communication system
WEI, Yongbin	(72) BAO, Dongshan	(73) Samsung Electronics Co., Ltd
DAMNJANOVIC, Aleksandar	ZHOU, Yubao	(72) Kim, Seong-Hun
DABEER, Onkar	YAO, Huijuan	Jeong, Kyeong-In
MALLADI, Durga Prasad	YU, Xiaoyan	van Lieshout, Gert Jan
(74) ir. M.F.J.M. Ketelaars c.s.	LIU, Shenfa	van der Velde, Himke
(31) 201462056347 P	XIE, Xiaoqiang	(74) ir. M.F.J.M. Ketelaars c.s.
201514836183	YAN, Desheng	(31) 20060101842
(32) 26.09.2014	YANG, Zhizuo	(32) 19.10.2006
26.08.2015	(74) ir. C.G.C. Veldman-Dijkers	
(33) United States of America	(31) 201110081288	
United States of America	201110130194	
(47) 17.06.2020	201110189230	
	201210027919	

(33) Korea (Republic)	(73) Beijing Nufont Mobile Multimedia Technology Co., Ltd.	(73) Samsung Electronics Co., Ltd.
(47) 08.07.2020	(72) BAO,Dongshan	(72) KIM, Soeng Hun
(51) H04L 1/18	WANG, Jing	JEONG, Kyeong In
H04W 36/02	LIU, Shenfa	KIM, Sang Bum
(11) EP2914034	YAN, Zhigang	VAN LIESHOUT, Gert-Jan
(21) EP15158692.2	WANG, Feifei	(74) ir. M.F.J.M. Ketelaars c.s.
(22) 19.10.2007	(74) ir. C.G.C. Veldman-Dijkers	(31) 41049310 P
(54) Method and apparatus for performing handover using packet data convergence protocol (PDCP) reordering in mobile communication system	(31) 201110074598	20110113229
(73) Samsung Electronics Co., Ltd	201110083209	(32) 05.11.2010
(72) Kim, Seong-Hun	201110130194	02.11.2011
Jeong, Kyeong-In	(32) 25.03.2011	(33) United States of America
van Lieshout, Gert Jan	02.04.2011	Korea (Republic)
van der Velde, Himke	19.05.2011	(47) 15.07.2020
(74) ir. M.F.J.M. Ketelaars c.s.	(33) China	(51) H04L 5/00
(31) 20060101842	China	H04W 72/04
(32) 19.10.2006	China	H04W 84/12
(33) Korea (Republic)	(47) 08.07.2020	(11) EP3179803
(47) 08.07.2020	(51) H04L 5/00	(21) EP15829963.6
(51) H04L 5/00	H04L 27/26	(22) 05.08.2015
(11) EP3145110	H04W 72/04	(54) METHOD AND DEVICE FOR
(21) EP16197664.2	H04W 84/12	ALLOCATING WIRELESS RESOURCES
(22) 03.03.2011	(11) EP3236625	FOR TRANSMITTING OR RECEIVING
(54) A METHOD AND APPARATUS FOR MUTING SIGNALLING IN A WIRELESS COMMUNICATION NETWORK	(21) EP15870307.4	DATA IN WIRELESS LAN
(73) Telefonaktiebolaget LM Ericsson (publ)	(22) 15.12.2015	(73) LG Electronics Inc.
(72) SIOMINA, Iana	(54) DATA TRANSMISSION METHOD IN WIRELESS COMMUNICATION SYSTEM AND DEVICE THEREFOR	(72) CHOI, Jinsoo
KAZMI, Muhammad	(73) LG Electronics Inc.	CHO, Hangyu
(74) ir. A. Blokland c.s.	(72) CHUN, Jinyoung	LEE, Wookbong
(31) 314724 P	RYU, Kiseon	LIM, Dongguk
858809	CHO, Hangyu	(74) J.M.H. Duyver lic.
(32) 17.03.2010	(74) J.M.H. Duyver lic.	(31) 201462033654 P
18.08.2010	(31) 201462092266 P	201462037114 P
(33) United States of America	(32) 16.12.2014	201462038376 P
United States of America	(33) United States of America	201462038794 P
(47) 13.05.2020	(47) 22.07.2020	201462039425 P
(51) H04L 5/00	(51) H04L 5/00	(32) 06.08.2014
(11) EP3488651	H04W 16/28	13.08.2014
(21) EP18793890.7	H04B 7/0408	14.08.2014
(22) 18.04.2018	(11) EP3340522	18.08.2014
(54) METHODS AND APPARATUSES FOR DETECTING CONTROL CHANNELS IN WIRELESS COMMUNICATION SYSTEMS	(21) EP17208093.9	18.08.2014
(73) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	(22) 20.05.2016	20.08.2014
(72) XU, Hua	(54) REFERENCE SIGNAL TRANSMISSIONS IN A WIRELESS COMMUNICATION SYSTEM	(33) United States of America
(74) dr. W.A.H.M. Van Borm	(73) ASUSTek Computer Inc.	United States of America
(31) 201762500151 P	(72) LIN, Ko-Chiang	United States of America
(32) 02.05.2017	KUO, Richard Lee-Chee	United States of America
(33) United States of America	GUO, Yu-Hsuan	United States of America
(47) 15.07.2020	(74) drs. P.F.H.M. van Someren c.s.	United States of America
(51) H04L 5/00	(31) 201562165646 P	(47) 24.06.2020
H04L 27/26	201562174817 P	(51) H04L 5/00
H04W 28/18	(32) 22.05.2015	H04W 76/30
H04W 56/00	12.06.2015	(11) EP3331192
H04W 72/04	(33) United States of America	(21) EP17205352.2
H04W 74/00	United States of America	(22) 05.12.2017
(11) EP2690899	(47) 03.06.2020	(54) DEVICE AND METHOD OF HANDLING COMMUNICATION
(21) EP12764965.5	(51) H04L 5/00	(73) HTC Corporation
(22) 22.03.2012	H04W 52/36	(72) WU, Chih-Hsiang
(54) METHOD AND DEVICE FOR ADJUSTING DEMODULATION PILOT FREQUENCY IN WIRELESS COMMUNICATION SYSTEM	(11) EP3442156	(74) ir. M.F.J.M. Ketelaars c.s.
	(21) EP18198779.3	(31) 201662430312 P
	(22) 04.11.2011	(32) 05.12.2016
	(54) POWER HEADROOM REPORT METHOD AND APPARATUS FOR MOBILE COMMUNICATION SYSTEM SUPPORTING CARRIER AGGREGATION	(33) United States of America
		(47) 17.06.2020
		(51) H04L 9/00
		H04L 9/06
		(11) EP1997265
		(21) EP07705965.7
		(22) 28.02.2007

(54) INTEGRITY OF A DATA PROCESSING SYSTEM USING WHITE-BOX FOR DIGITAL CONTENT PROTECTION	H04L 12/709 H04L 12/713 H04L 12/751 H04L 12/931	(11) EP2918049 (21) EP13795080.4 (22) 06.11.2013 (54) VIRTUAL CHASSIS SYSTEM CONTROL PROTOCOLS	(11) EP3522458 (21) EP19161454.4 (22) 07.08.2006 (54) USER-INTERFACE FOR COMPUTING DEVICES
(73) Irdeto B.V.			(73) QUALCOMM Incorporated
(72) MICHIELS, Wilhelmus, P., A., J. GORISSEN, Paulus, M., H., M., A.	(11) EP2918049 (21) EP13795080.4		(72) HAITANI, Robert
(74) ir. H.J.G. Lips c.s.	(22) 06.11.2013		PRASAD, Srikan
(31) 06110974 06116693 06117036 07102674	(54) VIRTUAL CHASSIS SYSTEM CONTROL PROTOCOLS	(73) Alcatel Lucent	GAYED, Nancy
(32) 10.03.2006 06.07.2006 12.07.2006 20.02.2007	(72) SANTOSO, Ignatius, D. JACOB DE SILVA, Roberto H. KUNNATH, Nalinakshan VINAYAGAM, Anand CHUNG-HUA, Chang	(72) SANTOSO, Ignatius, D. JACOB DE SILVA, Roberto H. KUNNATH, Nalinakshan VINAYAGAM, Anand CHUNG-HUA, Chang	SHIRAI, Gregory (74) ir. M.F.J.M. Ketelaars c.s.
(33) European Patent Office (EPO) European Patent Office (EPO) European Patent Office (EPO) European Patent Office (EPO)	(74) ir. M.F.J.M. Ketelaars c.s. (31) 201213674392 (32) 12.11.2012 (33) United States of America	(74) ir. M.F.J.M. Ketelaars c.s. (31) 201213674392 (32) 12.11.2012 (33) United States of America	(31) 20050205 (32) 08.08.2005 (33) United States of America
(47) 05.08.2020	(47) 03.06.2020	(47) 03.06.2020	(47) 27.05.2020
(51) H04L 9/06 H04L 29/06 H04L 29/08 H04W 8/00 H04W 12/00 H04W 84/12 H04L 12/707 H04L 12/727 H04W 76/14	(51) H04L 12/28 H04L 29/06 (11) EP3163836 (21) EP16194894.8 (22) 20.10.2016 (54) METHOD AND APPARATUS FOR SECURE ACCESS OF A SERVICE VIA CUSTOMER PREMISE EQUIPMENT	(51) H04L 12/28 H04L 29/06 (11) EP3163836 (21) EP16194894.8 (22) 20.10.2016 (54) METHOD AND APPARATUS FOR SECURE ACCESS OF A SERVICE VIA CUSTOMER PREMISE EQUIPMENT	(54) TRANSMISSION UNIT, RECEPTION UNIT, AND COMMUNICATION SYSTEM (73) Sony Corporation (72) TAKAHASHI, Hiroo MATSUMOTO, Hideyuki SUGIOKA, Tatsuya HAYASHI, Hiroaki
(11) EP3100439 (21) EP15740208.2 (22) 20.01.2015	(73) InterDigital CE Patent Holdings (72) ONNO, Stéphane HEEN, Olivier NEUMANN, Christoph	(73) InterDigital CE Patent Holdings (72) ONNO, Stéphane HEEN, Olivier NEUMANN, Christoph	(74) ir. W.J.J.M. Kempes (31) 2014112685 (32) 30.05.2014 (33) Japan (47) 15.07.2020
(54) SYSTEMS AND METHODS FOR PEER TO PEER COMMUNICATION	(74) ir. M.F.J.M. Ketelaars c.s. (31) 15306714 (32) 27.10.2015 (33) European Patent Office (EPO) (47) 22.07.2020	(74) ir. M.F.J.M. Ketelaars c.s. (31) 15306714 (32) 27.10.2015 (33) European Patent Office (EPO) (47) 22.07.2020	(51) H04L 29/06 (11) EP3117582 (21) EP15722285.2 (22) 19.02.2015 (54) METHOD AND SYSTEMS FOR PROVIDING DATA TO A REMOTE SITE
(73) Fasetto, Inc. (72) CHRISTMAS, Coy MALPASS, Luke			(73) Oncam Global, Inc.
(74) ir. H.A. Witmans c.s. (31) 201414164919 (32) 27.01.2014 (33) United States of America (47) 13.05.2020	(51) H04L 12/46 (11) EP3485614 (21) EP17751261.3 (22) 14.07.2017 (54) FIELD BUS APPARATUS FOR COMMUNICATING WITH A REMOTE AUTOMATION DEVICE	(51) H04L 12/46 (11) EP3485614 (21) EP17751261.3 (22) 14.07.2017 (54) FIELD BUS APPARATUS FOR COMMUNICATING WITH A REMOTE AUTOMATION DEVICE	(72) ADIL, Zahir PINEAU, Richard PINEAU, Adam
(51) H04L 12/14 H04L 12/24 H04W 4/24	(73) Deutsche Telekom AG (72) NEUBACHER, Andreas (74) J.M.H. Duyver lic. (31) 16179559 (32) 14.07.2016 (33) European Patent Office (EPO) (47) 27.05.2020	(73) Deutsche Telekom AG (72) NEUBACHER, Andreas (74) J.M.H. Duyver lic. (31) 16179559 (32) 14.07.2016 (33) European Patent Office (EPO) (47) 27.05.2020	(74) ir. W.J.J.M. Kempes (31) 201414208723 (32) 13.03.2014 (33) United States of America (47) 27.05.2020
(11) EP3300303 (21) EP17196070.1 (22) 24.01.2012			(51) H04L 29/06 G06F 21/85
(54) FLOW TAGGING FOR SERVICE POLICY IMPLEMENTATION	(31) 16179559 (32) 14.07.2016 (33) European Patent Office (EPO) (47) 27.05.2020	(31) 16179559 (32) 14.07.2016 (33) European Patent Office (EPO) (47) 27.05.2020	(11) EP2577548 (21) EP11723592.9 (22) 19.05.2011
(73) Headwater Research LLC (72) GREEN, Jeffrey LAVINE, James NGUYEN, Vien-Phuong, D. RALEIGH, Gregory, G.	(51) H04L 12/58 (11) EP3533184 (21) EP17804264.4 (22) 27.10.2017 (54) CONTROLLING DATA TRANSMISSION	(51) H04L 12/58 (11) EP3533184 (21) EP17804264.4 (22) 27.10.2017 (54) CONTROLLING DATA TRANSMISSION	(54) NETWORK SECURITY CONTENT CHECKING (73) Qinetiq Limited (72) WISEMAN, Simon Robert OAK, Richard, Andrew
(74) drs. P.F.H.M. van Someren c.s. (31) 201161435564 P 201113134028 (32) 24.01.2011 25.05.2011	(73) Egress Software Technologies IP Limited (72) MACINNES, Ian Angus GOODYEAR, John PEPPER, Tony LARKINS, Neil	(73) Egress Software Technologies IP Limited (72) MACINNES, Ian Angus GOODYEAR, John PEPPER, Tony LARKINS, Neil	(74) dr. A. Krebs (31) 201008888 (32) 27.05.2010 (33) United Kingdom (47) 08.07.2020
(33) United States of America United States of America	(74) dr. W.A.H.M. Van Borm (31) 201618239 (32) 28.10.2016 (33) United Kingdom (47) 22.07.2020	(74) dr. W.A.H.M. Van Borm (31) 201618239 (32) 28.10.2016 (33) United Kingdom (47) 22.07.2020	(47) 08.07.2020
(47) 13.05.2020			(51) H04L 29/06 H04L 29/08
(51) H04L 12/24 H04L 12/26 H04L 12/46 H04L 29/12 H04L 12/703	(31) 201618239 (32) 28.10.2016 (33) United Kingdom (47) 22.07.2020 (51) H04L 12/58 H04M 1/27453	(31) 201618239 (32) 28.10.2016 (33) United Kingdom (47) 22.07.2020 (51) H04L 12/58 H04M 1/27453	(11) EP3281387 (21) EP16714879.0 (22) 06.04.2016

(54) METHOD OF CONFIGURING A SMART MOBILE DEVICE FOR REMOTE CONTROL OF A TARGET PROCESS	H04W 12/06 G06F 21/32	ZHOU, Changfeng MU, Tengfei
(73) Canon Production Printing Netherlands B.V.	(11) EP3412014 (21) EP16826585.8 (22) 22.12.2016	(74) ir. W.J.J.M. Kempes (47) 03.06.2020
(72) REGEP, Dan M.	(54) LIVENESS DETERMINATION BASED ON SENSOR SIGNALS	(51) H04N 1/40 H04N 1/52
(74) ir. M.J. Groen	(73) Qualcomm Incorporated	(11) EP3075139 (21) EP14803095.0
(31) 15163146	(72) GUO, Yinyi	(22) 25.11.2014
(32) 10.04.2015	JIN, Minho	(54) COLORANT SPLITTING METHOD
(33) European Patent Office (EPO)	CHO, JunCheol	(73) AGFA NV
(47) 10.06.2020	CHO, Yongwoo	(72) VANDE VELDE, Koen
(51) H04L 29/06	KIM, Lae-Hoon	MAHY, Marc
H04L 29/08	VISSER, Erik	(31) 13195023
G10L 15/00	ZHANG, Shuhua	(32) 29.11.2013
G10L 17/22	(74) ir. M.F.J.M. Ketelaars c.s.	(33) European Patent Office (EPO)
H04W 4/00	(31) 201615013889	(47) 12.08.2020
(11) EP3360311	(32) 02.02.2016	(51) H04N 1/44
(21) EP17771621.4	(33) United States of America	(11) EP3042332
(22) 31.08.2017	(47) 20.05.2020	(21) EP14842426.0
(54) DEVICE IDENTIFIER DEPENDENT OPERATION PROCESSING OF PACKET BASED DATA COMMUNICATION	(51) H04L 29/06 H04W 40/12 H04W 48/00	(22) 02.09.2014 (54) IMAGE PROCESSING APPARATUS AUTHENTICATION SYSTEM AND IMAGE PROCESSING APPARATUS
(73) Google LLC	H04L 12/707	(73) Ricoh Company, Ltd.
(72) BHAYA, Gaurav	H04W 76/15	(72) YOSHIKAWA, Takashi
STETS, Robert	(11) EP1652356	(72) INOUE, Takuya
(74) ir. M.F.J.M. Ketelaars c.s.	(21) EP04769100.1	UNO, Takahiko
(31) 201615395674	(22) 28.07.2004	(74) ir. H.A. Witmans c.s.
(32) 30.12.2016	(54) MOBILITY IN A MULTI-ACCESS COMMUNICATION NETWORK	(31) 2013182297
(33) United States of America	(73) Microsoft Technology Licensing, LLC	(32) 03.09.2013
(47) 17.06.2020	(72) CHRISTIE, Samuel, H., IV	(33) Japan
(51) H04L 29/06	(74) ir. M.F.J.M. Ketelaars c.s.	(47) 24.06.2020
H04M 7/00	(31) 628167	(51) H04N 5/335 H04N 5/235
(11) EP3406071	(32) 28.07.2003	(11) EP1838088
(21) EP17851918.7	(33) United States of America	(21) EP05814419.7
(22) 28.12.2017	(47) 10.06.2020	(22) 02.12.2005
(54) INTEGRATING ADDITIONAL INFORMATION INTO A TELECOMMUNICATIONS CALL	(51) H04M 1/665 H04M 3/436 H04M 3/493	(54) IMAGE PICKUP DEVICE AND IMAGE PICKUP RESULT PROCESSING METHOD
(73) Google LLC	(11) EP3114829	(73) Sony Corporation
(72) CONVERSE, Joshua	(21) EP15758023.4	(72) KOBAYASHI, Seiji c/o SONY CORPORATION
BARROS, Brett	(22) 07.03.2015	(74) ir. W.J.J.M. Kempes
BURRELL, Jamie	(54) PHONE FRAUD DETERRENCE SYSTEM FOR USE WITH TOLL FREE AND OTHER FEE GENERATING NUMBERS	(31) 2005006178
COLE, Paul	(73) Dialogtech Inc.	(32) 13.01.2005
ROYANOVA, Lilia	(72) SHAPIRO, Irvin	(33) Japan
(74) ir. H.A. Witmans c.s.	LEMOINE, Austin	(47) 15.07.2020
(31) PCT/US2016/068795	SEGUIN, Phil	(51) H04N 5/44 H04N 5/445 H04N 21/422 H04N 21/4415 H04N 21/442 H04N 21/45 H04N 21/462 H04N 21/466 H04H 60/45
(32) 28.12.2016	(74) J.M.H. Duyver lic.	(11) EP2355494
(33) World Intellectual Property Office (WIPO)	(31) 201461949570 P	(21) EP11153877.3
(47) 20.05.2020	(32) 07.03.2014	(22) 09.02.2011
(51) H04L 29/06	(33) United States of America	(54) Tracking user remote signatures
H04N 11/04	(47) 27.05.2020	(73) DISH Technologies L.L.C.
H04N 11/24	(51) H04M 1/73 H04W 52/02 G06F 1/32	(72) Burton, David Robert
(11) EP3512173	(11) EP3276928	Ward, Martyn Ross
(21) EP17848177.6	(21) EP15888767.9	(74) ir. H.A. Witmans c.s.
(22) 11.09.2017	(22) 14.04.2015	(31) 702925
(54) METHOD AND APPARATUS FOR TRANSMITTING VIDEO BY MEANS OF MULTI-INPUT MULTI-OUTPUT CHANNEL	(54) TERMINAL CONTROL METHOD, DEVICE AND TERMINAL	(32) 09.02.2010
(73) Chen, Shidong	(73) Huawei Technologies Co. Ltd.	
(72) Chen, Shidong	(72) GUO, Yuhua	
(74) dr. W.A.H.M. Van Borm	LI, Jiesi	
(31) 201662393124 P	JING, Huanhuan	
(32) 12.09.2016		
(33) United States of America		
(47) 20.05.2020		
(51) H04L 29/06		

(33) United States of America	H04N 19/117	(32) 19.12.2013
(47) 10.06.2020	H04N 19/174	(33) United States of America
(51) H04N 7/24	H04N 19/46	(47) 24.06.2020
H04N 21/2343	H04N 19/61	(51) H04N 21/442
H04N 21/235	H04N 19/70	H04N 21/488
H04N 21/2362	H04N 19/82	H04L 29/08
H04N 21/238	(11) EP2659675	H04M 1/725
H04N 21/24	(21) EP11853888.3	H04N 7/14
H04N 21/258	(22) 28.12.2011	H04M 1/2757
H04N 21/2665	(54) METHOD FOR PICTURE	(11) EP2892210
H04N 21/434	SEGMENTATION USING COLUMNS	(21) EP15154284.2
H04N 21/44	(73) Dolby International AB	(22) 18.08.2008
H04N 21/4722	(72) HOROWITZ, Michael	(54) Providing video telephony using
H04N 21/658	(74) J.M.H. Duyver lic.	broadcast receiving apparatus and SMS
H04N 21/81	(31) 201061427569 P	message
H04N 21/845	201113336675	(73) Samsung Electronics Co., Ltd
H04N 21/858	(32) 28.12.2010	(72) Park, Ji-hyun
H04L 29/06	23.12.2011	Kim, Ji-eun
(11) EP3206395	(33) United States of America	Jo, Sung-baik
(21) EP17150210.7	United States of America	Kim, Il-kwon
(22) 07.12.2010	(47) 22.07.2020	(74) ir. M.F.J.M. Ketelaars c.s.
(54) STREAMING METHOD AND	(51) H04N 21/40	(31) 20070112363
APPARATUS OPERATING BY	H04L 29/06	(32) 05.11.2007
INSERTING OTHER CONTENT INTO	(11) EP3311542	(33) Korea (Republic)
MAIN CONTENT	(21) EP16732861.6	(47) 22.07.2020
(73) Samsung Electronics Co., Ltd	(22) 16.06.2016	(51) H04R 25/00
(72) HA, Ho-Jin	(54) SYSTEM AND METHOD FOR SETTING	(11) EP3211920
CHOI, Hyung-Tak	TIME AND DATE IN A DEVICE	(21) EP17157227.4
KIM, Sun-Bal	WITHOUT ACCESS TO NETWORK	(22) 21.02.2017
KWON, O-Hoon	TIME PROTOCOL	(54) METHOD AND DEVICE FOR
SONG, Jae-Yeon	(73) InterDigital CE Patent Holdings	CONFIGURING A USER-SPECIFIC
RHYU, Sung-Ryeul	(72) KLOPFENSTEIN, Scott	HEARING SYSTEM
KEUM, Ji-Eun	TRUE, Steven	(73) audiosus GmbH
HWANG, Seo-Young	LEFEVRE, Chad	(72) Stinn, Christoph
ZHANG, Guanhua	(74) drs. P.F.H.M. van Someren c.s.	Möckel, Peter
(74) ir. M.F.J.M. Ketelaars c.s.	(31) 201562180849 P	(74) ir. A. Blokland c.s.
(31) 267131 P	(32) 17.06.2015	(31) 102016103297
318916 P	(33) United States of America	(32) 25.02.2016
282860 P	(47) 27.05.2020	(33) Germany
331014 P	(51) H04N 21/431	(47) 03.06.2020
351434 P	G06F 3/14	(51) H04W 4/14
362805 P	(11) EP3188489	H04W 24/00
368855 P	(21) EP16205473.8	(11) EP3158779
373253 P	(22) 20.12.2016	(21) EP15739069.1
380468 P	(54) DISPLAY APPARATUS AND IMAGE	(22) 22.06.2015
20100103698	DISPLAY METHOD	(54) TESTING MESSAGE DELIVERY
(32) 07.12.2009	(73) Samsung Electronics Co., Ltd	SYSTEM AND METHOD
30.03.2010	(72) YANG, Joon-hyun	(73) Telintel Limited
12.04.2010	(74) ir. M.F.J.M. Ketelaars c.s.	(72) Acosta, Mario
04.05.2010	(31) 20160000421	(74) ir. M.F.J.M. Ketelaars c.s.
04.06.2010	(32) 04.01.2016	(31) 201414311797
09.07.2010	(33) Korea (Republic)	(32) 23.06.2014
29.07.2010	(47) 08.07.2020	(33) United States of America
12.08.2010	(51) H04N 21/433	(47) 20.05.2020
07.09.2010	G06F 3/06	(51) H04W 8/00
22.10.2010	G06F 13/28	H04W 76/14
(33) United States of America	A63F 13/352	(11) EP2946630
United States of America	A63F 13/355	(21) EP14703987.9
United States of America	A63F 13/95	(22) 16.01.2014
United States of America	(11) EP3036646	(54) DISCOVERY SIGNAL GENERATION
United States of America	(21) EP14872001.4	AND RECEPTION
United States of America	(22) 21.10.2014	(73) Interdigital Patent Holdings, Inc.
United States of America	(54) MASS STORAGE VIRTUALIZATION	(72) POITAU, Gwenael
United States of America	FOR CLOUD COMPUTING	PELLETIER, Ghyslain
United States of America	(73) Sony Interactive Entertainment LLC	RUDOLF, Marian
Korea (Republic)	(72) COLENBRANDER, Roelof Roderick	PELLETIER, Benoit
(47) 17.06.2020	(74) ir. W.J.J.M. Kempes	MARINIER, Paul
(51) H04N 19/105	(31) 201314135213	PANI, Diana

(74) drs. P.F.H.M. van Someren c.s.	TAKAHASHI, Hideaki	(47) 15.07.2020
(31) 201361753389 P	(74) mr.ir. F.N. Ferro	(51) H04W 24/10
201361753173 P	(31) 2014195889	H04W 28/04
201361807476 P	(32) 25.09.2014	H04W 84/04
201361821038 P	(33) Japan	H04W 88/06
201361882574 P	(47) 22.07.2020	(11) EP2667527
201361897738 P	(51) H04W 24/02	(21) EP12736358.8
(32) 16.01.2013	(11) EP3469826	(22) 18.01.2012
16.01.2013	(21) EP17730016.7	(54) METHOD AND APPARATUS FOR
02.04.2013	(22) 02.06.2017	EFFICIENTLY CONTROLLING INTER-
08.05.2013	(54) ENHANCED NEIGHBOR RELATIONS	CELL INTERFERENCE POWER IN A
25.09.2013	AND PHYSICAL CELL IDENTIFIER	WIRELESS COMMUNICATION SYSTEM
30.10.2013	CONFUSION DETECTION	(73) Samsung Electronics Co., Ltd
(33) United States of America	(73) QUALCOMM Incorporated	(72) KIM, Soeng Hun
United States of America	(72) SINGH, Damanjit	KIM, Sang Bum
United States of America	PATEL, Chirag	VAN LIESHOUT, Gert Jan
United States of America	SHARMA, Manu	JEONG, Kyeong In
United States of America	PRAKASH, Rajat	(74) ir. M.F.J.M. Ketelaars c.s.
United States of America	(74) ir. M.F.J.M. Ketelaars c.s.	(31) 201161433651 P
(47) 27.05.2020	(31) 201662349620 P	(32) 18.01.2011
(51) H04W 8/08	201715492510	(33) United States of America
H04W 48/00	(32) 13.06.2016	(47) 15.07.2020
H04W 84/04	20.04.2017	(51) H04W 24/10
(11) EP3364676	(33) United States of America	H04W 48/02
(21) EP18167042.3	United States of America	H04W 48/08
(22) 07.05.2010	(47) 03.06.2020	H04W 4/70
(54) METHOD FOR SUPPORTING PDN GW	(51) H04W 24/02	(11) EP3371985
SELECTION	H04W 88/10	(21) EP16861667.0
(73) Samsung Electronics Co., Ltd.	(11) EP2907341	(22) 26.09.2016
(72) LIANG, Huarui	(21) EP13841824.9	(54) METHODS, APPARATUSES AND
WANG, Hong	(22) 25.09.2013	COMPUTER PROGRAM PRODUCTS
XU, Lixiang	(54) HETEROGENEOUS SELF-	FOR IMPLEMENTING ACCESS
LI, Xiaoqiang	ORGANIZING NETWORK FOR	CONTROL
(74) ir. M.F.J.M. Ketelaars c.s.	ACCESS AND BACKHAUL	(73) Nokia Solutions and Networks Oy
(31) 200910138192	(73) Parallel Wireless Inc.	(72) KOSKINEN, Jussi-Pekka
(32) 08.05.2009	(72) AGARWAL, Kaitki	KOSKELA, Jarkko
(33) China	RAGHAVAN, Pradeep, Kumar,	(74) ir. W.J.J.M. Kempes
(47) 15.07.2020	Dakshayani	(31) 201514935099
(51) H04W 12/06	GARG, Sumit	(32) 06.11.2015
(11) EP3087770	MISHRA, Rajesh, Kumar	(33) United States of America
(21) EP14820880.4	PAPA, Steven, Paul	(47) 15.07.2020
(22) 23.12.2014	DONEPUDI, Sridhar	(51) H04W 28/06
(54) METHOD AND SYSTEM FOR	TALLURI, Murali	H04W 28/24
PROVIDING SECURITY FROM A	(74) dr. W.A.H.M. Van Borm	H04W 48/12
RADIO ACCESS NETWORK	(31) 201261705440 P	H04W 72/04
(73) Koninklijke KPN N.V.	201261718503 P	(11) EP2587865
Nederlandse Organisatie voor toegepast-	201261725865 P	(21) EP12193912.8
natuurwetenschappelijk onderzoek TNO	201261729158 P	(22) 22.01.2003
(72) FRANSEN, Frank	201261729489 P	(54) OVERHEAD REDUCTION IN A
(74) ir. W.J.J.M. Kempes	201361784002 P	COMMUNICATIONS SYSTEM
(31) 13199353	201361783193 P	(73) IPR Licensing, Inc.
(32) 23.12.2013	201314024717	(72) Cornett, John, B., Jr.
(33) European Patent Office (EPO)	(32) 25.09.2012	Johnson, Kevin P.
(47) 27.05.2020	25.10.2012	Nelson, George, R., Jr.
(51) H04W 16/32	13.11.2012	(74) ir. M.F.J.M. Ketelaars c.s.
H04W 52/30	21.11.2012	(31) 350569 P
H04W 52/34	23.11.2012	(32) 22.01.2002
H04W 72/04	14.03.2013	(33) United States of America
(11) EP3200513	14.03.2013	(47) 10.06.2020
(21) EP15844043.8	12.09.2013	(51) H04W 28/22
(22) 24.09.2015	(33) United States of America	(11) EP3123772
(54) USER DEVICE, BASE STATION,	United States of America	(21) EP15769834.1
UPLINK TRANSMISSION POWER	United States of America	(22) 30.03.2015
REPORTING METHOD, AND	United States of America	(54) METHOD FOR ALLOCATING
PARAMETER NOTIFICATION METHOD	United States of America	AGGREGATE MAXIMUM BIT RATE
(73) NTT DOCOMO, INC.	United States of America	OF UE, METHOD FOR ALLOCATING
(72) UCHINO, Tooru	United States of America	AGGREGATE BIT RATES OF NON-GBR
TAKEDA, Kazuki	United States of America	SERVICES AND BASE STATIONS

(73) Samsung Electronics Co., Ltd.	(51) H04W 36/08	(32) 21.04.2010
(72) WANG, Hong	H04W 48/20	(33) United States of America
XU, Lixiang	H04W 88/02	(47) 24.06.2020
KE, Xiaowan	(11) EP3332583	(51) H04W 40/22
(74) ir. M.F.J.M. Ketelaars c.s.	(21) EP16860254.8	H04W 88/04
(31) 201410123886	(22) 27.10.2016	H04W 76/14
(32) 28.03.2014	(54) METHOD OF PERFORMING CELL	(11) EP3187005
(33) China	SELECTION AND RE-SELECTION	(21) EP15857518.3
(47) 22.07.2020	USING PMAX PARAMETERS AND	(22) 27.03.2015
(51) H04W 36/00	SYSTEM ADAPTED THERETO	(54) INFORMATION PROCESSING
H04W 36/04	(73) Samsung Electronics Co., Ltd.	METHOD AND BASE STATION
H04W 84/04	(72) KIM, Soenghun	(73) Lenovo (Beijing) Co., Ltd.
(11) EP3008952	KIM, Sangbum	(72) YAN, Zhi
(21) EP13728182.0	VAN LIESHOUT, Gert-Jan	(74) ir. H.A. Witmans c.s.
(22) 11.06.2013	JANG, Jaehyuk	(31) 201410638694
(54) LAYERED MOBILITY	BAE, Taehan	(32) 07.11.2014
(73) Nokia Solutions and Networks Oy	(74) ir. M.F.J.M. Ketelaars c.s.	(33) China
(72) HOOLI, Kari Juhani	(31) 201562246898 P	(47) 01.07.2020
RINNE, Mika P.	(32) 27.10.2015	(51) H04W 48/10
(74) dr. W.A.H.M. Van Borm	(33) United States of America	H04W 4/90
(47) 22.07.2020	(47) 08.07.2020	(11) EP3342211
(51) H04W 36/00	(51) H04W 36/24	(21) EP15763507.9
H04W 36/14	H04W 36/32	(22) 27.08.2015
(11) EP2677810	(11) EP3085158	(54) INCREASING PROBABILITY OF
(21) EP13185265.9	(21) EP13824145.0	SYSTEM INFORMATION RECEPTION
(22) 20.04.2010	(22) 16.12.2013	IN DEVICE
(54) PS to CS handover indicator	(54) NETWORK HANDOVER OPTIMIZATION	(73) Telefonaktiebolaget LM Ericsson (PUBL)
(73) Telefonaktiebolaget LM Ericsson (publ)	(73) Sony Corporation	(72) JEPSSON, Henrik
(72) Stenfelt, John	(72) AGARDH, Kåre	(74) ir. M.F.J.M. Ketelaars c.s.
Hedman, Peter	NORD, Lars	(47) 10.06.2020
(74) ir. A. Blokland c.s.	(74) ir. W.J.J.M. Kempes	(51) H04W 48/16
(31) 171918 P	(47) 22.07.2020	H04W 48/18
(32) 23.04.2009	(51) H04W 36/34	H04W 52/02
(33) United States of America	H04W 52/02	H04W 88/06
(47) 22.07.2020	(11) EP2823671	(11) EP3030002
(51) H04W 36/00	(21) EP13757494.3	(21) EP15180018.2
H04W 84/04	(22) 06.03.2013	(22) 04.11.2009
H04W 88/02	(54) A METHOD AND SYSTEM FOR	(54) METHOD, MOBILE COMMUNICATION
H04W 88/08	MINIMIZING POWER CONSUMPTION	DEVICE AND COMMUNICATION
(11) EP2420093	OF USER EQUIPMENT DURING CELL	SYSTEM CONTROLLING WIRELESS
(21) EP10715406.4	DETECTION	TRANSCIVER OPERATION IN A DUAL
(22) 14.04.2010	(73) Samsung Electronics Co., Ltd.	MODE MOBILE COMMUNICATION
(54) METHOD AND APPARATUS OF	(72) VAN LIESHOUT, Gert-Jan	DEVICE
RESOLVING PCI CONFUSION FOR	JAMADAGNI, Satish Nanjunda Swamy	(73) BlackBerry Limited
PROVIDING INBOUND MOBILITY TO	INGALE, Mangesh Abhimanyu	(72) EKICI, Ozgur
CLOSED SUBSCRIBER GROUP	(74) ir. M.F.J.M. Ketelaars c.s.	PRODANOS, Dimitrios
(73) InterDigital Patent Holdings, Inc.	(31) 849CH2012	CORMIER, Jean Philippe Paul
(72) MARINIER, Paul	849CH2012	(74) dr. W.A.H.M. Van Borm
PANI, Diana	(32) 06.03.2012	(47) 29.07.2020
SOMASUNDARAM, Shankar	04.03.2013	(51) H04W 48/16
OLVERA-HERNANDEZ, Ulises	(33) India	H04W 74/00
(74) ir. M.F.J.M. Ketelaars c.s.	India	H04W 74/08
(31) 169190 P	(47) 08.07.2020	(11) EP3439423
185793 P	(51) H04W 36/36	(21) EP18186667.4
218820 P	H04W 48/08	(22) 31.07.2018
220226 P	H04W 48/20	(54) COMMUNICATION DEVICE FOR
255251 P	H04W 4/20	HANDLING CARRIER AGGREGATION
(32) 14.04.2009	(11) EP3439371	(73) HTC Corporation
10.06.2009	(21) EP18196905.6	(72) WU, Chih-Hsiang
19.06.2009	(22) 21.04.2011	(74) ir. M.F.J.M. Ketelaars c.s.
25.06.2009	(54) METHOD AND APPARATUS FOR	(31) 201762540032 P
27.10.2009	DETERMINING ACCESS POINT	(32) 01.08.2017
(33) United States of America	SERVICE CAPABILITIES	(33) United States of America
United States of America	(73) Nokia Technologies Oy	(47) 10.06.2020
United States of America	(72) PATIL, Basavaraj	(51) H04W 48/18
United States of America	GABOR, Bajko	H04L 12/715
United States of America	(74) ir. W.J.J.M. Kempes	H04L 12/801
(47) 03.06.2020	(31) 32645910 P	



- (11) EP3427449  
(21) EP17713729.6  
(22) 03.03.2017  
(54) SELECTION OF A NETWORK SLICE INSTANTIATION FOR TRANSMITTING UPLINK PACKETS  
(73) Orange  
(72) MOUQUET, Antoine  
MOUAFIK, Ali-Amine  
(74) ir. W.J.J.M. Kempes  
(31) 1651892  
(32) 07.03.2016  
(33) France  
(47) 27.05.2020
- 
- (51) H04W 52/12  
H04W 52/24  
H04W 52/26  
H04W 52/36  
(11) EP3264835  
(21) EP16755894.9  
(22) 25.02.2016  
(54) METHOD AND APPARATUS FOR CONTROLLING TRANSMISSION POWER OF TERMINAL IN MOBILE COMMUNICATION SYSTEM  
(73) Samsung Electronics Co., Ltd.  
(72) KWAK, Hyochul  
KIM, Eunjung  
KANG, Heewon  
BYUN, Myungkwang  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 20150026688  
(32) 25.02.2015  
(33) Korea (Republic)  
(47) 15.07.2020
- 
- (51) H04W 56/00  
H04W 72/12  
(11) EP3349529  
(21) EP18151343.3  
(22) 12.01.2018  
(54) METHOD AND APPARATUS FOR TIMING RELATIONSHIP BETWEEN CONTROL CHANNEL AND DATA CHANNEL IN A WIRELESS COMMUNICATION SYSTEM  
(73) ASUSTek Computer Inc.  
(72) LIN, Ko-Chiang  
(74) drs. P.F.H.M. van Someren c.s.  
(31) 201762446002 P  
(32) 13.01.2017  
(33) United States of America  
(47) 10.06.2020
- 
- (51) H04W 60/00  
H04W 60/04  
H04W 4/00  
(11) EP3485680  
(21) EP17743426.3  
(22) 06.07.2017  
(54) REGISTRATION REJECTION DUE TO CELLULAR INTERNET OF THINGS FEATURE INCOMPATIBILITY  
(73) QUALCOMM Incorporated  
(72) CATOVIC, Amer  
CHAPONNIERE, Lenaig Genevieve  
ZISIMOPOULOS, Haris  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 201662363181 P  
201715642180
- (32) 15.07.2016  
05.07.2017  
(33) United States of America  
United States of America  
(47) 27.05.2020
- 
- (51) H04W 64/00  
(11) EP3544342  
(21) EP19170056.6  
(22) 30.03.2015  
(54) APPARATUS AND METHOD FOR MOBILE NETWORK POSITIONING OF MTC DEVICES USING COMMON REFERENCE OR SYNCHRONIZATION SIGNALS  
(73) Sony Corporation  
(72) PERSSON, Magnus  
PRIYANTO, Basuki  
KARLSSON, Peter C.  
(74) ir. W.J.J.M. Kempes  
(47) 15.07.2020
- 
- (51) H04W 64/00  
H04W 4/00  
H04W 4/02  
(11) EP3501190  
(21) EP17737141.6  
(22) 26.06.2017  
(54) METHODS AND SYSTEMS FOR SUPPORT OF LOCATION FOR THE INTERNET OF THINGS  
(73) Qualcomm Incorporated  
(72) EDGE, Stephen William  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 201662377654 P  
201662404733 P  
201715409468  
(32) 21.08.2016  
05.10.2016  
18.01.2017  
(33) United States of America  
United States of America  
United States of America  
(47) 17.06.2020
- 
- (51) H04W 72/04  
(11) EP3422784  
(21) EP18184298.0  
(22) 19.03.2015  
(54) D2D SCHEDULING BASED ON PRIORITIES  
(73) Sony Corporation  
(72) MARTIN, Brian Alexander  
NORD, Lars  
BERGGREN, Anders  
WAKABAYASHI, Hideji  
WEBB, Matthew William  
(74) ir. W.J.J.M. Kempes  
(31) 14161201  
(32) 21.03.2014  
(33) European Patent Office (EPO)  
(47) 22.07.2020
- 
- (51) H04W 72/04  
H04W 72/08  
H04W 72/10  
H04W 72/12  
(11) EP3367739  
(21) EP16861446.9  
(22) 24.10.2016  
(54) BASE STATION-SIDE AND USER EQUIPMENT-SIDE APPARATUSES
- (73) Sony Corporation  
(72) HU, Bingshan  
GUO, Xin  
SUN, Chen  
LU, Peshun  
(74) ir. W.J.J.M. Kempes  
(31) 201510745617  
(32) 05.11.2015  
(33) China  
(47) 22.07.2020
- 
- (51) H04W 72/04  
H04W 74/00  
H04W 74/08  
(11) EP2220903  
(21) EP08844389.0  
(22) 29.10.2008  
(54) HANDLING RANDOM ACCESS CHANNEL RESPONSES  
(73) InterDigital Patent Holdings, Inc.  
(72) PASAD, Kalpendu R.  
SOMASUNDARAM, Shankar  
WANG, Jin  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 983473 P  
(32) 29.10.2007  
(33) United States of America  
(47) 27.05.2020
- 
- (51) H04W 72/04  
H04W 74/08  
H04W 88/02  
(11) EP3404989  
(21) EP16884764.8  
(22) 07.12.2016  
(54) METHODS FOR TRANSMITTING AND RECEIVING MESSAGE 3 MESSAGES, AND COMPUTER STORAGE MEDIA  
(73) ZTE Corporation  
(72) LIU, Kun  
DAI, Bo  
LU, Zhaohua  
XIA, Shuqiang  
CHEN, Xianming  
FANG, Huiying  
SHI, Jing  
ZHANG, Wen  
(74) ir. A.R. Aalbers  
(31) 201610016812  
(32) 11.01.2016  
(33) China  
(47) 10.06.2020
- 
- (51) H04W 84/00  
H04W 84/12  
(11) EP3213589  
(21) EP15854861.0  
(22) 26.10.2015  
(54) WIRELESS COMMUNICATION SYSTEM FOR TRAINS USING VOICE OVER WIFI (VOWIFI)  
(73) Icomera AB  
(72) KARLSSON, Mats  
(74) ir. M.F.J.M. Ketelaars c.s.  
(31) 1451302  
(32) 30.10.2014  
(33) Sweden  
(47) 03.06.2020
- 
- (51) H05B 6/12  
(11) EP3264859  
(21) EP17177784.0

- (22) 26.06.2017
  - (54) CLAMSHELL INDUCTION COOKING  
SYSTEM
  - (73) Cooktek Induction Systems, LLC
  - (72) METZ, Reinhard  
Pool, James K  
Graber, Warren S
  - (74) J.M.H. Duyver lic.
  - (31) 201662355736 P
  - (32) 28.06.2016
  - (33) United States of America
  - (47) 27.05.2020
-

**EP4****Voor Nederland verleende gewijzigde Europese octrooien.  
Contains data concerning European patents granted in amended form (B2 or B3 publications).**

(51) A23C 19/16	(33) France
(11) EP2200447	(47) 28.06.2017
(21) EP08837198.4	(51) F24D 3/16
(22) 10.10.2008	F24F 5/00
(54) PROCESS FOR FOIL RIPENING OF CHEESE	(11) EP2420749
(73) DSM IP Assets B.V.	(21) EP11006777.4
(72) GURP, VAN, Marnix	(22) 19.08.2011
HOOFT, Corstiaan Johannes	(54) Climate control for a building
KRIJGSMAN, Josien	(73) INTERALU, naamloze vennootschap
STROEKS, Alexander Antonius Marie	(74) drs. P.F.H.M. van Someren c.s.
(31) 07020018	(72) Schrauwen, Anthony
(32) 12.10.2007	(31) 201000497
(33) European Patent Office (EPO)	(32) 20.08.2010
(47) 17.07.2013	(33) Belgium
(51) A61K 39/02	(47) 28.06.2017
C07K 14/29	(51) H02G 3/08
C07K 16/12	H02G 3/14
G01N 33/569	(11) EP2645501
(11) EP2064231	(21) EP12161654.4
(21) EP07873953.9	(22) 28.03.2012
(22) 07.08.2007	(54) System arrangement consisting of a system support piece and several system modules for electro-installation technology for buildings and door communication technology
(54) IMMUNOREACTIVE GLYCOPROTEIN GP19 OF EHRLICHIA CANIS	(73) Gira Giersiepen GmbH & Co. Kg
(73) Research Development Foundation	(72) Schieffer, Klaus
(72) MCBRIDE, Jere, W.	(47) 26.08.2015
DOYLE, Christopher, Kuyler	
(31) 841465 P	
(32) 31.08.2006	
(33) United States of America	
(47) 24.10.2012	
(51) B21D 51/38	
B21D 51/44	
B65D 51/14	
(11) EP2228152	
(21) EP10165997.7	
(22) 31.10.2007	
(54) A metal closure with separate disc and ring from a single closure blank	
(73) Crown Packaging Technology, Inc.	
(72) Dunwoody, Paul, Robert	
Ramsey, Christopher, Paul	
(31) 06123299	
(32) 31.10.2006	
(33) European Patent Office (EPO)	
(47) 26.12.2012	
(51) C08L 71/00	
(11) EP3012297	
(21) EP15189066.2	
(22) 09.10.2015	
(54) COMPOSITION BASED ON POLY(ARYLENE ETHER KETONE) HAVING IMPROVED PROPERTIES	
(73) ARKEMA FRANCE	
(72) BRULE, Benoît	
AUDRY, Richard	
PASCAL, Jerome	
(31) 1460158	
(32) 22.10.2014	

## 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) A47J 31/06 B65D 85/804	BRINKMAN, Henk-Jan SUND, Arve STEINHOFF, Gerd	DE BOER, Wolfgang ir. H.A. Witmans c.s.
(11) EP3065603	(74) ir. J.C. Volmer c.s.	(31) 102009014012
(21) EP14806728.3	(31) 05022772	(32) 23.03.2009
(22) 29.10.2014	(32) 19.10.2005	(33) Germany
(54) CAPSULE AND SYSTEM FOR MAKING BEVERAGES	(33) European Patent Office (EPO)	(47) 10.07.2013
(73) Caffitaly System S.P.A.	(47) 14.08.2013	(51) F03D 7/02
(72) ACCURSI, Giovanni	(51) B65G 5/00	F03D 7/04
(74) ir. M.F.J.M. Ketelaars c.s.	C01B 3/00	F03D 9/00
(31) VR20130243	C01B 3/34	(11) EP2256340
(32) 08.11.2013	C01B 3/48	(21) EP10174991.9
(33) Italy	F17C 1/00	(22) 12.04.2002
(47) 19.07.2017	(11) EP2580156	(54) Method for operating a wind energy plant
(51) A61K 31/7034	(21) EP11722659.7	(73) Wobben Properties GmbH
A61P 35/00	(22) 12.05.2011	(72) Wobben, Aloys
C07H 15/207	(54) HYDROGEN STORAGE METHOD	(74) ir. H.Th. van den Heuvel c.s.
(11) EP2794626	(73) Praxair Technology, Inc.	(31) 10119624
(21) EP12813711.4	(72) DRNEVICH, Raymond, Francis	10138399
(22) 21.12.2012	(74) ir. M.F.J.M. Ketelaars c.s.	(32) 20.04.2001
(54) E-SELECTIN ANTAGONIST COMPOUNDS	(31) 797955	04.08.2001
(73) GlycoMimetics, Inc.	(32) 10.06.2010	(33) Germany
(72) MAGNANI, John, L.	(33) United States of America	Germany
SARKAR, Arun, K.	(47) 04.01.2017	(47) 29.06.2016
BAEK, Myung-Gi	(51) F02B 63/04	(51) H01H 33/66
ANDERSON, Frank, E., III	H02K 7/18	H02B 1/20
LI, Yanhong	(11) EP2092177	H02B 11/04
(74) dr. A. Krebs	(21) EP08803818.7	(11) EP1367681
(31) 201161579646 P	(22) 08.09.2008	(21) EP02726482.9
201261583547 P	(54) BUOYANT HARBOR POWER SUPPLY	(22) 24.05.2002
201261704399 P	(73) Siemens Aktiengesellschaft	(54) VACUUM SWITCH UNIT AND SWITCH GEAR
201261704424 P	(72) KRACKHARDT, Ernst-Christoph	(73) Mitsubishi Denki Kabushiki Kaisha
201261734924 P	MÜLLER-SCHWENN, Hans Bernhard	(72) OKAZAWA, Hiroshi, Mitsubishi Denki Kabushiki Kaisha
(32) 22.12.2011	(74) ir. M.F.J.M. Ketelaars c.s.	SANO, Kouji, Mitsubishi Denki Kabushiki Kaisha
05.01.2012	(31) 102007052882	UENUSHI, Masashi, Mitsubishi Denki Kabushiki Kaisha
21.09.2012	102008031698	TSURIMOTO, Takao, Mitsubishi Denki Kabushiki Kaisha
21.09.2012	(32) 02.11.2007	(74) ir. H.A. Witmans c.s.
07.12.2012	04.07.2008	(31) 2001220304
(33) United States of America	(33) Germany	2001220303
United States of America	Germany	2001220302
United States of America	(47) 28.03.2012	2001225230
United States of America	(51) F03D 1/06	(32) 19.07.2001
United States of America	F03D 7/02	19.07.2001
(47) 01.11.2017	F03D 7/04	19.07.2001
(51) B41N 1/08	H02J 3/04	26.07.2001
C22C 21/00	H02J 3/24	(33) Japan
C22F 1/04	H02J 3/38	Japan
(11) EP1937860	H02P 9/00	Japan
(21) EP06819101.4	H02P 9/10	(47) 25.04.2007
(22) 19.10.2006	F03D 9/00	(51) H01R 12/53
(54) METHOD OF PRODUCTION OF AN ALUMINIUM STRIP FOR LITHOGRAPHIC PRINTING PLATE SUPPORTS	(11) EP2411669	H01R 12/57
(73) Hydro Aluminium Deutschland GmbH	(21) EP10710316.0	H05B 3/84
(72) KERNIG, Bernhard	(22) 23.03.2010	
	(54) METHOD FOR OPERATING A WIND TURBINE	
	(73) Wobben Properties GmbH	
	(72) BEEKMANN, Alfred	

(11) EP2896269  
(21) EP13735270.4  
(22) 10.07.2013  
(54) PANE WITH ELECTRIC CONNECTION  
ELEMENT  
(73) Saint-Gobain Glass France  
(72) SCHMALBUCH, Klaus  
REUL, Bernhard  
RATEICZAK, Mitja  
LESMEISTER, Lothar  
(74) ir. F.A. Geurts c.s.  
(31) 12184408  
(32) 14.09.2012  
(33) European Patent Office (EPO)  
(47) 15.03.2017

---

(51) H04L 12/64  
H04W 76/02  
(11) EP1999907  
(21) EP07732061.2  
(22) 19.03.2007  
(54) TELECOMMUNICATIONS SYSTEM  
AND METHOD  
(73) 3G Licensing S.A.  
(72) CHEN, Xiaobao  
LUCAS, Philippe  
(74) ir. C.G.C. Veldman-Dijkers  
(31) 06290516  
(32) 24.03.2006  
(33) European Patent Office (EPO)  
(47) 03.02.2016

---

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

- (21) 300487  
(22) 28.06.2011  
(11) 300487  
(73) ZAIDAN HOJIN BISEIBUTSU KAGAKU  
KENKYU KAI  
(74) ir. M.F.J.M. Ketelaars c.s.  
(68) EP1216256  
(54) Macrolide antibiotica en behandeling van  
pasteurellose.  
(94) 23.08.2025  
(95) Tildipirosine, desgewenst in de vorm  
van een fysiologisch aanvaardbaar zuur  
additie zout.  
(93) EU/2/11/124/001-008 06.05.2011  
(47) 22.07.2011
- 
- (21) 300511  
(22) 06.01.2012  
(11) 300511  
(73) E.R. Squibb & Sons, L.L.C.  
E.R. Squibb & Sons, L.L.C.  
(74) ir. H.A. Witmans c.s.  
ir. H.A. Witmans c.s.  
(68) EP1212422  
(54) Humane CTLA-4 antilichamen en  
toepassingen daarvan.  
(94) 23.02.2026  
(95) Ipilimumab  
(93) EU/1/11/698/001 - 002 13.07.2011  
(47) 27.03.2012
- 
- (21) 300533  
(22) 14.06.2012  
(11) 300533  
(73) Allergan Sales, LLC  
(74) ir. H.A. Witmans c.s.  
(68) EP1225881  
(54) Werkwijzen voor het gebruik van  
snelwerkende selectieve serotonine  
heropnameremmers voor het behandelen  
van seksuele disfunctie.  
(92) RVG108199 - 200 21.02.2012  
(94) 04.02.2024  
(95) Dapoxetine, alsmede farmaceutisch  
aanvaardbare zouten daarvan.  
(93) 24353 - 24354 05.02.2009  
(47) 08.11.2012
- 
- (21) 301061  
(22) 26.08.2020  
(11) 301061  
(74) ir. H.A. Witmans c.s.  
(68) EP3052628  
(54) COMPOSITIONS AND METHODS FOR  
INHIBITING EXPRESSION OF THE  
ALAS1 GENE  
(94) 152  
(95) givosiran of een farmaceutisch  
aanvaardbaar zout daarvan  
(93) EU/1/20/1428 04.03.2020
-

## 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) 2003839	C22C 38/34	F16K 35/02
(51) G01N 5/04	C22C 38/40	(00) 44/19
(00) 13.08.2020	C22C 38/44	30.10.2019
(00) 2011/22	C22C 38/48	(11) EP2998566
01.06.2011	F01L 3/02	(51) F02M 55/02
(00) Restoration of rights	F01L 3/08	F02M 61/14
(00) Xensor Integration B.V.	F16K 1/42	F02M 61/16
(11) EP2196225	F16K 25/00	(00) 43/19
(51) A61K 9/70	(00) 43/19	23.10.2019
A61L 26/00	23.10.2019	(11) EP3079497
(00) 42/19	(11) EP2562004	(51) A23L 33/00
16.10.2019	(51) A47B 96/20	(00) 43/19
(11) EP2233127	B32B 17/06	23.10.2019
(51) A61K 8/31	B44C 5/04	(11) EP3083686
A61K 8/34	B44F 1/06	(51) A61K 31/337
A61K 8/35	E04C 2/26	A61P 35/00
A61K 8/44	E04F 13/08	C07K 16/28
A61K 8/49	E04F 13/14	(00) 43/19
A61K 8/63	F21V 33/00	23.10.2019
A61K 8/67	G09F 13/04	(11) EP3129695
A61Q 17/04	(00) 45/19	(51) B32B 1/08
A61K 8/97	06.11.2019	B32B 5/02
(00) 22/20	(11) EP2568089	B32B 27/04
27.05.2020	(51) E03D 9/08	B32B 27/08
(11) EP2252289	E03D 11/14	B32B 27/12
(51) A61K 31/401	(00) 44/19	B32B 27/16
A61K 31/7004	30.10.2019	B32B 27/32
A61K 31/7008	(11) EP2833367	B32B 27/34
A61K 45/06	(51) B07B 11/02	F16L 55/162
A61P 3/10	B07B 13/14	F16L 55/165
(00) 43/19	E04B 1/00	(00) 43/19
23.10.2019	E04H 5/02	23.10.2019
(11) EP2299247	G21D 1/00	(11) EP3144435
(51) G01D 5/12	G21F 3/00	(51) E03C 1/05
G01F 3/20	G21F 7/00	F16K 31/46
G01F 15/075	G21F 9/00	H03K 17/96
G06M 1/27	G21F 9/30	(00) 43/19
G06M 3/06	(00) 44/19	23.10.2019
(00) 43/19	30.10.2019	(11) EP3145488
23.10.2019	(11) EP2877144	(51) A61K 9/00
(11) EP2347591	(51) A61K 8/04	(00) 30/20
(51) H04N 19/103	A61K 8/34	22.07.2020
H04N 19/147	A61K 8/41	(11) EP3181238
H04N 19/176	A61K 8/42	(51) B05B 7/14
H04N 19/46	A61Q 5/12	B65G 53/04
H04N 19/593	(00) 07/20	B65G 53/28
H04N 19/61	12.02.2020	B65G 53/58
H04N 19/70	(11) EP2970682	B65G 53/66
H04N 19/96	(51) C08F 220/00	F04F 1/02
(00) 15/20	C08G 77/00	(00) 43/19
08.04.2020	C09D 4/00	23.10.2019
(11) EP2521800	C09D 183/00	(11) EP3257500
(51) C22C 1/02	(00) 43/19	(51) A61K 9/20
C22C 1/05	23.10.2019	A61K 31/4545
C22C 1/10	(11) EP2990703	A61P 7/02
C22C 38/00	(51) E03C 1/04	(00) 42/19
C22C 38/04	F16K 11/00	16.10.2019
C22C 38/18	F16K 11/20	(11) EP3294670

(51) C01B 3/56  
(00) 43/19  
23.10.2019

---

(11) EP3338751  
(51) A61F 13/15  
A61F 13/532  
A61F 13/535  
(00) 43/19  
23.10.2019

---

(11) EP3345521  
(51) A47L 5/14  
E01H 1/08  
F04D 25/08  
(00) 43/19  
23.10.2019

---

(11) EP3397919  
(51) F41G 3/26  
G09B 9/00  
G09B 9/04  
(00) 42/19  
16.10.2019

---

(11) EP3402553  
(51) A61M 5/31  
A61M 5/315  
(00) 43/19  
23.10.2019

---

(11) EP3415290  
(51) B26D 1/143  
B26D 1/15  
B26D 7/01  
(00) 44/19  
30.10.2019

---

(11) EP3415399  
(51) B61L 19/06  
B61L 19/08  
B61L 27/00  
(00) 43/19  
23.10.2019

---



**VB2**

**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.**

(11) EP1490236  
(51) B42D 15/10

---

(11) EP2288717  
(51) A61K 39/00  
A61K 39/395  
A61P 35/00  
C07K 16/22  
C07K 16/28  
C07K 16/46

(00) 20/18  
09.05.2018

---

(11) EP2469248  
(51) G01G 19/42  
(00) 28/20

08.07.2020  
(00) 25.08.2020  
(00) Positive

---

(11) EP2523339  
(51) H02J 1/14  
H02J 3/38  
H02M 7/537  
H02M 7/797

(00) 25/20  
17.06.2020  
(00) 25.08.2020  
(00) Positive

---

(11) EP2553479  
(51) G01R 31/02  
G08B 29/06  
G08B 29/12

---

(11) EP2600730  
(51) A23G 9/38  
A23G 9/40

---

(11) EP2755564  
(51) A61B 17/00  
A61B 17/08  
A61B 17/10  
A61F 2/24

(00) 27/20  
01.07.2020

---

(11) EP2782559  
(51) A61K 9/48  
A61K 31/7004  
A61P 15/08

---

(11) EP2956261  
(51) B22F 3/105  
B23K 26/142  
B33Y 30/00  
B33Y 50/02  
B29C 64/153  
B29C 64/386

(00) 07/19  
13.02.2019

---

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

(11) EP2064231  
(51) A61K 39/02  
C07K 14/29  
C07K 16/12  
G01N 33/569

---

(11) EP2200447  
(51) A23C 19/16

---

(11) EP2228152  
(51) B21D 51/38  
B21D 51/44  
B65D 51/14

---

(11) EP2420749  
(51) F24D 3/16  
F24F 5/00

---

(11) EP2645501  
(51) H02G 3/08  
H02G 3/14

---

(11) EP2877488  
(51) C07K 14/435

---

(11) EP3012297  
(51) C08L 71/00

---

## VRV

## Verval of nietigverklaring.

## Contains data concerning lapse or annulment.

(11) 1015989	(00) Patent Expired	(00) European Patent got Revoked
(00) 22.08.2020	(11) EP1210428	(11) EP1994055
(00) Patent Expired	(00) 23.08.2020	(00) 26.03.2020
(11) 1016018	(00) Patent Expired	(00) European Patent got Revoked
(00) 25.08.2020	(11) EP1211451	(11) EP2020067
(00) Patent Expired	(00) 24.08.2020	(00) 17.04.2020
(11) 1016026	(00) Patent Expired	(00) European Patent got Revoked
(00) 25.08.2020	(11) EP1212422	(11) EP2170316
(00) Patent Expired	(00) 24.08.2020	(00) 28.02.2020
(11) EP1078610	(00) Patent Expired	(00) European Patent got Revoked
(00) 24.08.2020	(11) EP1213296	(11) EP2266627
(00) Patent Expired	(00) 24.08.2020	(00) 25.08.2020
(11) EP1079019	(00) Patent Expired	(00) Patent Expired
(00) 23.08.2020	(11) EP1214146	(11) EP2267010
(00) Patent Expired	(00) 24.08.2020	(00) 25.08.2020
(11) EP1079122	(00) Patent Expired	(00) Patent Expired
(00) 24.08.2020	(11) EP1214202	(11) EP2314655
(00) Patent Expired	(00) 25.08.2020	(00) 12.05.2020
(11) EP1079239	(00) Patent Expired	(00) European Patent got Revoked
(00) 25.08.2020	(11) EP1214623	(11) EP2324856
(00) Patent Expired	(00) 25.08.2020	(00) 25.08.2020
(11) EP1079490	(00) Patent Expired	(00) Patent Expired
(00) 24.08.2020	(11) EP1216256	(11) EP2439273
(00) Patent Expired	(00) 24.08.2020	(00) 19.04.2020
(11) EP1080646	(00) Patent Expired	(00) European Patent got Revoked
(00) 23.08.2020	(11) EP1216533	(11) EP2729658
(00) Patent Expired	(00) 23.08.2020	(00) 01.07.2019
(11) EP1084983	(00) Patent Expired	(00) EPV lapsed
(00) 24.08.2020	(11) EP1218326	(11) EP2944323
(00) Patent Expired	(00) 22.08.2020	(00) 18.04.2020
(11) EP1088486	(00) Patent Expired	(00) European Patent got Revoked
(00) 25.08.2020	(11) EP1218415	(11) EP3062987
(00) Patent Expired	(00) 22.08.2020	(00) 20.11.2019
(11) EP1103302	(00) Patent Expired	(00) EPV Ceased Effect
(00) 25.08.2020	(11) EP1225881	(11) EP3169937
(00) Patent Expired	(00) 22.08.2020	(00) 25.12.2019
(11) EP1124096	(00) Patent Expired	(00) EPV Ceased Effect
(00) 25.08.2020	(11) EP1227117	
(00) Patent Expired	(00) 24.08.2020	
(11) EP1124442	(00) Patent Expired	
(00) 23.08.2020	(11) EP1236369	
(00) Patent Expired	(00) 25.08.2020	
(11) EP1141043	(00) Patent Expired	
(00) 23.08.2020	(11) EP1242785	
(00) Patent Expired	(00) 23.08.2020	
(11) EP1206200	(00) Patent Expired	
(00) 24.08.2020	(11) EP1331444	
(00) Patent Expired	(00) 22.06.2020	
(11) EP1206276	(00) European Patent got Revoked	
(00) 23.08.2020	(11) EP1633766	
(00) Patent Expired	(00) 17.04.2020	
(11) EP1206427	(00) European Patent got Revoked	
(00) 22.08.2020	(11) EP1882874	
(00) Patent Expired	(00) 24.08.2020	
(11) EP1206867	(00) Patent Expired	
(00) 25.08.2020	(11) EP1973364	
(00) Patent Expired	(00) 09.07.2020	
(11) EP1210123	(00) European Patent got Revoked	
(00) 25.08.2020	(11) EP1985681	
	(00) 15.07.2020	

**VRB**

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

(11) 2021619  
(48) 28.08.2020  
(00) Inventor details  
(51) A61F 2/06  
    A61M 1/36  
    A61M 39/22  
    A61F 2/24  
    A61M 39/02

---

## CO

## Ingeschreven overdrachten.

## Contains data concerning registered assignments or change of owners.

(71) ArianeGroup SAS	B63B 27/34	B29C 51/14
(73) ArianeGroup SAS	B63B 35/28	B29K 33/04
(11) EP2517347	F25J 1/02	B29L 9/00
(00) 24.07.2020	(00) Assignment	B29L 31/00
(51) H02H 7/122	(71) ArianeGroup SAS	B32B 3/26
H02M 7/48	(73) ArianeGroup SAS	B32B 5/02
(00) Assignment	(11) EP1859251	B32B 5/04
(71) Smart Spinal Solutions, Inc.	(00) 24.07.2020	B32B 5/24
(73) Smart Spinal Solutions, Inc.	(51) G01N 3/30	B32B 7/14
(11) 2018371	G01N 3/313	B32B 27/12
(00) 27.07.2020	(00) Assignment	B32B 27/40
(51) A61B 5/00	(71) Liminal Biosciences Limited	(00) Assignment
A61B 5/11	(73) Liminal Biosciences Limited	(71) ArianeGroup SAS
(00) Assignment	(11) EP2970088	European Aeronautic Defence and Space Company EADS France Airbus Group SAS
(71) milkrite InterPuls Limited	(00) 27.07.2020	(73) European Aeronautic Defence and Space Company EADS France Airbus Group SAS
(73) milkrite InterPuls Limited	(51) A61K 31/192	ArianeGroup SAS
(11) EP1647183	A61K 31/4418	(11) EP2516269
(00) 27.07.2020	A61P 11/00	(00) 24.07.2020
(51) A01J 5/08	A61P 19/04	(51) B64C 5/08
(00) Assignment	C07C 57/30	B64C 5/10
(71) Ir. N.A. Hendriks Beheermaatschappij B.V.	C07C 57/58	B64C 30/00
Paul Leberecht KOELBLOED	C07C 59/52	(00) Assignment
(73) Ir. N.A. Hendriks Beheermaatschappij B.V.	(00) Change of owner(s) name	(71) Mayht Holding B.V.
Paul Leberecht KOELBLOED	(71) NATURGY LNG, S.L.	(73) Mayht Holding B.V.
(11) EP2987922	(73) NATURGY LNG, S.L.	(11) EP3516885
(00) 27.07.2020	(11) EP3428054	(00) 24.07.2020
(51) E04D 5/14	(00) 24.07.2020	(51) H04R 9/02
(00) Assignment	(51) B63B 25/00	H04R 9/04
(71) ESBATech, a Novartis Company LLC	B63B 25/12	H04R 9/06
(73) Novartis AG	B63B 25/14	(00) Change of owner(s) name
(11) EP2307454	B63B 27/00	(71) Institut National Des Sciences Appliquees
(00) 27.07.2020	B63B 27/24	Insavalor
(51) A61K 39/395	B63B 27/34	ArianeGroup SAS
C07K 16/22	B63B 35/28	(73) Institut National Des Sciences Appliquees
(00) Change of owner(s) name	F25J 1/02	Insavalor
(71) Airbus Defence and Space SAS	(00) Assignment	ArianeGroup SAS
(73) ArianeGroup SAS	(71) Climate Recovery Ind AB	(71) EP3063226
(11) EP1859251	(73) Climate Recovery Ind AB	(00) 24.07.2020
(00) 24.07.2020	(11) EP2307814	(51) C08L 77/00
(51) G01N 3/30	(00) 03.08.2020	F16J 12/00
G01N 3/313	(51) E21F 1/04	F17C 1/04
(00) Change of owner(s) name	F16L 3/00	F17C 1/12
(71) Novartis AG	F16L 3/133	F17C 1/16
(73) Novartis AG	F16L 9/00	(00) Change of owner(s) name
(11) EP2307454	F16L 9/17	(71) GEXIT S.r.l.
(00) 27.07.2020	F16L 9/21	(73) GEXIT S.r.l.
(51) A61K 39/395	F16L 11/02	(11) EP3294253
C07K 16/22	F24F 13/02	(00) 24.07.2020
(00) Assignment	(00) Assignment	(51) A61J 1/10
(71) NATURGY LNG, S.L.	(71) Reginald Nieberding	A61J 1/14
(73) NATURGY LNG, S.L.	Tom Ponnet	A61J 1/20
(11) EP3428053	Jean-Michel ANTHONY	(00) Assignment
(00) 24.07.2020	(73) Reginald Nieberding	
(51) B63B 25/00	Tom Ponnet	
B63B 25/12	Jean-Michel ANTHONY	
B63B 25/14	(11) EP2956194	
B63B 27/00	(00) 27.07.2020	
B63B 27/24	(51) A61J 15/00	
	A61M 16/06	
	B29C 51/00	
	B29C 51/02	

**TVH**

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