



Rijksdienst voor Ondernemend
Nederland

Nederland

De industriële eigendom

Inleiding

Hoofdblad

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

Bijblad

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

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Introduction

Patent Bulletin

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

Official Journal

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

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Inhoudsopgave	Blz. Content	Page
Rubriek NP1 Bevat gegevens betreffende octrooiaanvragen die zijn ingeschreven op grond van de Octrooiwet 1995.	8 Heading NP1 Contains data concerning Netherlands patent applications which have been entered in the patent register under the Patents Act 1995.	8
Rubriek NP2 Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	15 Heading NP2 Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	15
Rubriek NP3 Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995.	22 Heading NP3 Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995.	22
Rubriek EP1 Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen.	23 Heading EP1 Contains data concerning translations of the conclusions of European patent applications.	23
Rubriek EP2 Bevat gegevens betreffende voor Nederland verleende Europese octrooien.	24 Heading EP2 Contains data concerning European patents granted for The Netherlands.	24
Rubriek EP3 Bevat gegevens betreffende voor Nederland verleende Europese octrooien waarvoor een vertaling is ingediend conform artikel 52 lid 1 of 6 van de Octrooiwet 1995.	252 Heading EP3 Contains data concerning European patents granted for The Netherlands in which a translation was filed confirm Article 52 par. 1 or 6 of the Patents Act 1995.	252
Rubriek EP4 Bevat gegevens betreffende voor Nederland verleende gewijzigde Europese octrooien.	282 Heading EP4 Contains data concerning European patents granted in amended form for the Netherlands.	282
Rubriek EP5 Bevat gegevens betreffende voor Nederland verleende gewijzigde	283 Heading EP5 Contains data concerning European patents granted in amended form for	283

Europese octrooien waarvoor een gewijzigde vertaling is ingediend.	The Netherlands in which an amended translation was filed.	
Rubriek SPC Bevat gegevens betreffende ingeschreven en verleende certificaten	284Heading SPC Contains data concerning applications for- or granted Supplementary Protection Certificates.	284
Rubriek VB1 Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.	285Heading VB1 Contains data concerning requests and notices of opposition under the General administrative law.	285
Rubriek VB2 Bevat gegevens betreffende rechten waarin een beslissing is genomen of waarvoor een nieuwheidsrapport is uitgegaan op een verzoek- of bezwaarschrift conform de Octrooiwet 1995.	286Heading VB2 Contains data concerning requests and notices of opposition under the General administrative law in respect of which a decision has been taken or in respect for which a report has been made.	286
Rubriek MED Bevat gegevens betreffende overige mededelingen.	287Heading MED Contains data concerning other communications.	287
Rubriek VRV Bevat gegevens betreffende verval of nietigverklaring.	288Heading VRV Contains data concerning lapse or annulment.	288
Rubriek VRB Bevat gegevens betreffende verbeteringen op eerdere publicaties.	316Heading VRB Contains data concerning corrections on earlier publications.	316
Rubriek CO Bevat gegevens betreffende wijzigingen in het octrooiregister.	317Heading CO Contains data concerning changes in the Netherland patent register.	317
Rubriek TVH Bevat gegevens betreffende topografieën van halfgeleiderproducten.	320Heading TVH Contains data concerning depots of original topographies of semi-conductor products.	320

Rubriek UP1 Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking.	321Heading UP1 Contains data concerning European patents with registered Unitary Effect.	321
Rubriek UP2 Bevat gegevens over Europese octrooien met geregistreerd verzoek ex. artikel 52a (herstel recht op validatie).	325Heading UP2 Contains data concerning European patents with registered request ex article 52a (restoration of validation right).	325
Rubriek UP3 Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en complete validatie.	326Heading UP3 Contains data concerning European patents with accepted ex article 52a (restoration of validation right) and validation completed.	326
Rubriek UP4 Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en geen complete validatie.	327Heading UP4 Contains data concerning European patents with accepted request ex article 52a (restoration of validation right) and incomplete validation.	327
Rubriek UP5 Bevat gegevens over Europese octrooien met afgewezen verzoek ex. artikel 52a (herstel recht op validatie).	328Heading UP5 Contains data concerning European patents with rejected request ex article 52a (restoration of validation right).	328
Rubriek UP6 Bevat gegevens over Europese octrooien met ingetrokken verzoek ex. artikel 52a (herstel recht op validatie).	329Heading UP6 Contains data concerning European patents with withdrawn request ex article 52a (restoration of validation right).	329

Overzicht van Inid codes

INID CODES

Inid codes worden gebruikt op de voorpagina van octrooigeschriften en in octrooibulletins. 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) A01D 34/86	(54) PROANTHOCYANIDIN TRANSPORT-RELATED GST PROTEIN GENE IN BROWN COTTON FIBER AND USE THEREOF	A23K 20/142
A01D 44/00		A23K 20/163
A01D 34/835		A23K 20/174
(21) 2031920	(71) Anhui Agricultural University	A23K 20/20
(22) 18.05.2022	(74) ir. W.J.J.M. Kempes	A23K 20/158
(54) MOWING DEVICE FOR MOWING BANKS OF WATERCOURSES AND METHOD THEREFOR	(72) Lei Xu	A23K 40/10
(71) REMA Holding BV	(72) Yongfei Xie	(21) 2036215
(74) dr. ir. G.J.C. Verdijk c.s.	(72) Yan Meng	(22) 08.11.2023
(72) Wilko Regnerus	(72) Junshan Gao	(54) RAPESEED PROTEIN SOURCE HEALTHCARE FEED AND PREPARATION METHOD THEREFOR
Piet Regnerus	(72) Wen Chen	(71) Nanjing University of Finance & Economic
(41) 27.11.2023	(41) 27.11.2023	(74) dr. R.C. van Duijvenbode c.s.
(51) A01G 7/06	(51) A21B 1/48	(72) Zheng Xiong
(21) 2031942	A21B 3/04	Xingrong Ju
(22) 20.05.2022	(21) 2031866	Yao Chen
(54) METHOD FOR COLOURING FLOWERS OF POT PLANTS	(22) 16.05.2022	Rong He
(71) De Koning Planten B.V.	(54) Tunnel oven and method for the preparation of food products	Zhigao Wang
(74) dr. R.C. van Duijvenbode c.s.	(71) Kaak Groep B.V.	Xuan Tao
(72) Franciscus Johannes Gerardus de Koning	(74) ir. F.A. Geurts c.s.	(31) 2022114811726
Robin Christiaan Gerardus de Koning	(72) Maria Kokkoti	(32) 24.11.2022
(41) 27.11.2023	Michel Martinus Willem van Wezel	(33) China
(51) A01G 9/24	Franciscus Quirinus Fredrik Verouden	(51) A23L 27/20
F24F 7/02	Mathijs Cornelis Theodorus Reuling	A23L 27/40
E04D 13/17	(41) 23.11.2023	A23L 29/30
A01G 9/14	(51) A21B 3/04	A23L 33/21
(21) 2031896	A21B 1/48	(21) 2036090
(22) 17.05.2022	(21) 2031867	(22) 20.10.2023
(54) RIDGE BEAM	(22) 16.05.2022	(54) A Compound Condiment Containing Edible Salt and A Preparation Method Thereof
(71) Van der Hoeven Horticultural Projects BV	(54) Method for controlling a tunnel oven and tunnel oven with flow control	(71) Zibo Dulong Trading CO., LTD.
(74) ir. M. Cramwinckel	(71) Kaak Groep B.V.	(74) dr. A.V. Huygens
(72) Sven Peter van Heijningen	(74) ir. F.A. Geurts c.s.	(72) Chaoqun Li
(41) 24.11.2023	(72) Franciscus Quirinus Fredrik Verouden	Chao Cui
(51) A01G 18/69	Michel Martinus Willem van Wezel	Beili Zhang
A01G 9/24	Mathijs Cornelis Theodorus Reuling	Qinyuan Ma
(21) 2031962	Maria Kokkoti	(31) 202211290510.8
(22) 23.05.2022	(41) 23.11.2023	(32) 21.10.2022
(54) HEAT EXCHANGER FOR TEMPERATURE CONTROL OF A SUBSTRATE FOR CULTIVATING HORTICULTURAL PRODUCTS, SUBSTRATE DRAWER, AND RACK	(51) A23D 9/007	(33) China
(71) Christiaens Group B.V.	A23L 33/105	(51) A43B 17/00
(74) ir. H.A. Witmans c.s.	A23L 13/40	A43B 3/34
(72) Martinus Leonardus Hendrikus Maria Christiaens	A21D 2/36	(21) 1044331
(41) 28.11.2023	A23D 7/005	(22) 17.05.2022
(51) A01H 6/60	A23C 9/13	(54) INSOLE WITH VIBRATING ELEMENTS
C12N 9/10	A23L 19/00	(71) CA Silberie
C12N 15/29	(21) 2031902	(72) Carel Alexsander Silberie
C12N 15/82	(22) 18.05.2022	(51) A45B 19/00
(21) 2031934	(54) A PROCESS TO PREPARE A VEGETABLE OIL	A45B 23/00
(22) 19.05.2022	(71) PEELPIONEERS B.V.	(21) 2034797
	(74) ir. M. Cramwinckel	(22) 10.05.2023
	(72) Hylke Pier Nicolai	(54) An Angle-adjustable Umbrella
	Martinus Mathilda Pieter Zieverink	(71) PHAETON MANUFACTURING LLC.
	Dirk Carel Sytze van Stempvoort	(74) dr. J. van Straaten
	(41) 27.11.2023	(72) Xiong Luo
	(51) A23K 20/147	(31) 202210553780.7
	A23K 20/111	

(32) 19.05.2022	Kweichow Moutai Hospital	(71) Technische Universiteit Delft
(33) China	The Affiliated Hospital of Guizhou	(74) ir. H.A. Witmans c.s.
(51) A61H 23/00	Medical University	(72) Peter Carlo Rem
A61H 23/02	(74) dr. T. Wittop Koning PhD	Francesco Di Maio
(21) 2031874	(72) Bi Wang	(41) 24.11.2023
(22) 16.05.2022	Zhi Huang	(51) B07C 5/36
(54) INTELLIGENT ROBOT FOR BACK-SLAP SPUTUM EXCRETION	Zhaohui Yin	(21) 2031879
(71) BEIHANG UNIVERSITY	Yaling Liang	(22) 16.05.2022
(74) ir. M.B. Plaggenborg	Rui Gao	(54) Recycling of scrap
(72) Yuanhai Huang	Jing Zheng	(71) Technische Universiteit Delft
Min Wang	(41) 24.11.2023	(74) ir. H.A. Witmans c.s.
Yue Pan	(51) A61N 1/04	(72) Peter Carlo Rem
Diansheng Chen	A61B 5/00	Yongli Wu
(41) 24.11.2023	A61N 1/36	Francesco Di Maio
(51) A61K 31/19	A61N 1/40	(41) 24.11.2023
A61K 31/704	(21) 2031921	(51) B07C 99/00
A61K 31/185	(22) 18.05.2022	(21) 2031878
A61K 31/198	(54) An electrical nerve stimulation system for stimulating one or more nerves of a mammal with an electrical signal.	(22) 16.05.2022
A61P 35/00	(71) Qmedic B.V.	(54) Recycling of scrap
(21) 2031966	(74) ir. A. Blokland c.s.	(71) Technische Universiteit Delft
(22) 23.05.2022	(72) Marinus Joannes Leonardus Quintus	(74) ir. H.A. Witmans c.s.
(54) Chelating agents for use in cancer therapy	Erik Jan de Jong	(72) Peter Carlo Rem
(71) Pleco Therapeutics B.V.	(41) 27.11.2023	Yongli Wu
(74) ir. H.A. Witmans c.s.	(51) B01D 61/44	Francesco Di Maio
(72) Dan Gelvan	B01D 61/46	(41) 23.11.2023
Patricia Muller	B01D 61/36	(51) B24B 41/00
(41) 28.11.2023	B01D 61/48	(21) 2031948
(51) A61K 35/28	(21) 2032487	(22) 20.05.2022
A61K 9/00	(22) 14.07.2022	(54) Polijst- en/of schuurkop alsmede polijst- en/of schuurmachine voorzien van deze kop
A61K 9/51	(54) MEMBRANE STACK, STACK ASSEMBLY AND SYSTEM FOR AMMONIA RECOVERY AND METHOD THEREFOR	(71) Guido Arnoldus Gerardus Verhoeckx
A61K 31/375	(71) W&F Technologies B.V.	(74) ir. G.J.M. Verhees
A61K 31/727	(74) dr. ir. G.J.C. Verdijck c.s.	(72) Guido Arnoldus Gerardus Verhoeckx
A61K 36/258	(72) Franciscus Cornelis Scheepers	(41) 27.11.2023
A61K 38/38	Sam Daniël Molenaar	(51) B26D 1/06
A61P 7/00	(41) 24.11.2023	B29C 48/285
A61P 9/10	(31) 2031898	B26D 7/14
A61P 9/14	(32) 17.05.2022	B65H 23/188
(21) 2034586	(33) Netherlands	B26D 1/18
(22) 16.04.2023	(51) B01J 20/10	B65H 35/08
(54) REPAIR INJECTION CONTAINING MESENCHYMAL STEM CELLS	C02F 1/28	B26D 3/00
(71) The Affiliated Hospital of Guizhou Medical University	(21) 2031889	B65H 35/06
Kweichow Moutai Hospital	(22) 17.05.2022	B26D 5/20
Gene tech(Guizhou) Biotechnology Co., LTD	(54) ADSORBENT FOR REMOVING PENTAVALENT ANTIMONY FROM WATER AND PREPARATION METHOD THEREOF	(21) 2031908
(74) dr. T. Wittop Koning PhD	(71) INSTITUTE OF GEOCHEMISTRY, CHINESE ACADEMY OF SCIENCES	(22) 18.05.2022
(72) Rui Gao	(74) ir. M.B. Plaggenborg	(54) Apparatus and method for converting a sheet into a continuous strip
Zhaohui Yin	(72) Shiliang Wu	(71) VMI Holland B.V.
Zhi Huang	Yizhang Liu	(74) ir. F.A. Geurts c.s.
Jing Zheng	Wei Liu	(72) Evert Doppenberg
Bi Wang	Yanlong Zhao	(41) 27.11.2023
Yaling Liang	Zhengyu Huang	(51) B29C 65/16
(41) 24.11.2023	Zengping Ning	B28B 23/00
(51) A61K 36/48	Tangfu Xiao	B28B 23/04
A61K 35/28	(41) 24.11.2023	(21) 2031905
A61K 31/495	(51) B03C 1/32	(22) 18.05.2022
A61K 38/20	B03C 1/16	(54) COMPOSITE OBJECT AND REINFORCED MATERIAL, AND ASSOCIATED METHODS OF MANUFACTURING
A61K 38/39	(21) 2031882	(71) VM Holding B.V.
A61P 17/02	(22) 17.05.2022	(74) dr. ir. G.J.C. Verdijck c.s.
(21) 2034585	(54) Method of separating scrap particles, and particle separation assembly	(72) Jacobus Lambertus van Merksteijn
(22) 16.04.2023		(41) 27.11.2023
(54) Application of Mesenchymal Stem Cells in Wound Repair		(51) B29D 30/00
(71) Gene tech(Guizhou) Biotechnology Co., LTD		(21) 2031913

(22) 18.05.2022	Antonio D'Ortona	B31B 70/00
(54) Gripper and method for gripping a tire bead ring	(41) 27.11.2023	B31B 70/26
(71) VMI Holland B.V.	(51) B41F 5/24	B31B 70/64
(74) ir. F.A. Geurts c.s.	B41F 13/14	B29C 65/00
(72) Willem Marinus van Beek	(21) 2032263	(21) 2031935
Timen Anton van Werven	(22) 23.06.2022	(22) 19.05.2022
(41) 27.11.2023	(54) Flexographic printing assembly for same-sized plate rollers	(54) Packaging machine for making reinforced packages
(51) B29D 30/00	(71) CANON PRODUCTION PRINTING	(71) GKS Packaging B.V.
(21) 2031909	HOLDING B.V.	(74) dr. R.C. van Duijvenbode c.s.
(22) 18.05.2022	(74) ir. M.J. Groen	(72) Janne Sakari Asikainen
(54) Method for switching over a tire manufacturing line, and tire manufacturing line and computer program product configured for the same	(72) Anne A. Wind	Ivo Richard Elias Geukes
(71) VMI Holland B.V.	(41) 24.11.2023	Twan Waltherus Petrus van Gent
(74) ir. F.A. Geurts c.s.	(31) 22173510.3	Stefan Anne Petrus Theodorus Kievit
(72) Robin Nusselder	(32) 16.05.2022	(51) B65D 17/34
(41) 27.11.2023	(33) European Patent Office (EPO)	B65D 17/32
(51) B29D 30/00	(51) B60G 7/02	(21) 2031961
(21) 2031914	B62D 21/11	(22) 23.05.2022
(22) 18.05.2022	B60G 9/00	(54) Drankblikje met aan boven- en onderzijde een opening
(54) Tire building machine for producing tire components and method for providing human access to said tire building machine	B60G 11/46	(71) Barros Westplat
(71) VMI Holland B.V.	B60G 13/00	(74) ir. G.J.M. Verhees
(74) ir. F.A. Geurts c.s.	B62D 21/02	(72) Barros Westplat
(72) Willem Marinus van Beek	(21) 2031947	(41) 28.11.2023
Timen Anton van Werven	(22) 20.05.2022	(51) B65G 11/00
(41) 27.11.2023	(54) Bearing bracket	B07C 5/34
(51) B29D 30/38	(71) VDL Weweler B.V.	(21) 2031877
B65H 57/16	(74) ir. J.C. Volmer c.s.	(22) 16.05.2022
B65H 51/18	(72) Tom Schrier	(54) Recycling of scrap
B65H 57/28	Michel Hendriks	(71) Technische Universiteit Delft
(21) 2031910	(41) 27.11.2023	(74) ir. H.A. Witmans c.s.
(22) 18.05.2022	(51) B60L 53/124	(72) Peter Carlo Rem
(54) Method and cord organizer for organizing cords between a tire building creel and an extruder	B60L 53/12	Yongli Wu
(71) VMI Holland B.V.	B60L 53/38	Francesco Di Maio
(74) ir. F.A. Geurts c.s.	B60L 15/38	(51) B66C 23/44
(72) Gerardus Johannes Catharina van Laar Jantinus Schraa	(21) 2031967	(21) 2034715
(41) 27.11.2023	(22) 23.05.2022	(22) 27.04.2023
(51) B29D 30/46	(54) INDOOR AGRICULTURAL AUTONOMOUS VEHICLE, SYSTEM AND METHOD	(54) ROLKRAAN VOOR EEN TRANSPORTVOERTUIG MET EEN STANDAARD AUTOLAADKRAAN MET EEN DERDE PUNT EN WERKWIJZE VOOR DE BOUW VAN ZULKE ROLKRAAN
B26D 1/00	(71) Honest AgTech B.V.	(71) WERKHUIZEN JACOBS BVBA
(21) 2031907	(74) dr. ir. G.J.C. Verdijck c.s.	(74) ir. M.B. Plaggenborg
(22) 18.05.2022	(72) Ysalis Mallédant	(72) Patrick Jacobs
(54) Cutting device and method for cutting a tire component	Bart van Duijn	Erik Lenaerts
(71) VMI Holland B.V.	Kushal Thirani	(41) 24.11.2023
(74) ir. F.A. Geurts c.s.	(41) 28.11.2023	(31) 2022/5366
(72) Jochem Johannes van Steenis	(51) B62D 63/06	(32) 16.05.2022
Mattheus Jacobus Kaagman	B62D 53/06	(33) Belgium
(41) 27.11.2023	B60S 9/04	(51) B66F 9/06
(51) B32B 7/12	(21) 2031950	B66F 9/075
B32B 15/082	(22) 20.05.2022	(21) 2031891
B32B 15/18	(54) Trailer	(22) 17.05.2022
B32B 27/30	(71) Expandable B.V.	(54) Zelfrijdend voertuig voor het transporteren van een lastdrager.
B32B 27/36	(74) ir. H.Th. van den Heuvel c.s.	(71) Nipper B.V.
(21) 2031939	(72) Michiel Johannes Petrus Becx	(74) ir. A. Blokland c.s.
(22) 19.05.2022	Lucas Cornelis Spruijt	(72) Bart Johannes Gerardus Kavelaars
(54) Coil coating process	(41) 27.11.2023	(41) 24.11.2023
(71) Lamcoatings B.V.	(51) B62K 7/04	(51) C08J 11/12
(74) ir. J.C. Volmer c.s.	B62K 5/00	C10B 53/02
(72) Alessandro Bralia	(21) 2031864	C10G 1/10
	(22) 16.05.2022	C10B 53/00
	(54) A cargo bike	C10B 49/22
	(71) Arjan Vrieling	C10B 53/07
	(74) mr. ir. J. van Breda c.s.	
	(72) Andre Vrieling	
	Arjan Vrieling	
	(41) 23.11.2023	
	(51) B65B 9/20	

(21) 2031869	(71) Chinese Research Academy of Environmental Sciences	(71) Dillen Holding B.V.
(22) 16.05.2022	(74) ir. M.B. Plaggenborg	(74) J. Hoekstra
(54) Method for producing high value chemicals from feedstock	(72) Junyi Chen	(72) Bas Petrus Wilhelmus Dillen
(71) Milena Olga Joint Innovation Assets B.V	Qing Cai	(41) 28.11.2023
(74) dr. R.C. van Duijvenbode c.s.	Bo Zhang	(51) E21B 43/10
(72) Robin Willem Rudolf Zwart	Xia Jiang	(21) 2034285
Berend Joost Vreugdenhil	Shuhang Wang	(22) 08.03.2023
Alexander Jacobus Grootjes	Li Zhao	(54) EXPANDABLE LINER HANGER ASSEMBLY HAVING A PLURALITY OF DISCRETE SLIP TEETH PLACED WITHIN THE SHALLOW GROOVE
Abraham van der Drift	(51) E02D 19/04	(71) Halliburton Energy Services, Inc.
(41) 24.11.2023	E02D 17/18	(74) dr. ir. F.M. van Bouwelen
(51) C10G 1/10	(21) 2035917	(72) Xiaoguang Allan Zhong
C10B 53/07	(22) 28.09.2023	Abdolreza Gharezi
C10B 49/22	(54) CONSTRUCTION METHOD FOR DRY EXCAVATION OF SHEET PILE WHARF IN HIGHLY PERMEABLE COASTAL STRATUM	(31) 17/750,807
C08J 11/12	(71) The First Construction Company of CCCC Second Harbor Engineering Co., Ltd	PCT/US2022/030668
(21) 2031868	CCCC Second Harbor Engineering Company Ltd.	(32) 23.05.2022
(22) 16.05.2022	(74) ir. W.J.J.M. Kempes	24.05.2022
(54) Method for depolymerising polymers into one or more monomers	(72) Wei Huang	(33) United States of America
(71) Milena Olga Joint Innovation Assets B.V.	Yong Lu	United States of America
(74) dr. R.C. van Duijvenbode c.s.	Xianhe Zheng	(51) E21B 43/10
(72) Abraham van der Drift	Zhimin Wang	E21B 33/04
Robin Willem Rudolf Zwart	Zichen Zhao	E21B 23/01
Rob Slangen	Jinchuan Ma	(21) 2034310
Tom Vanderlocht	Yilin Zuo	(22) 10.03.2023
(41) 24.11.2023	Xuecun Peng	(54) EXPANDABLE LINER HANGER ASSEMBLY HAVING ONE OR MORE HARDENED SECTIONS
(51) C12N 1/14	Jiao Fan	(71) Halliburton Energy Services, Inc.
A01G 18/00	Yuchen Wu	(74) dr. ir. F.M. van Bouwelen
E04B 1/74	(31) 2023109035109	(72) Xiaoguang Allan Zhong
E04B 5/16	(32) 22.07.2023	Zhuhua Fan
E04B 5/43	(33) China	Abdolreza Gharezi
(21) 2031943	(51) E04C 3/04	(41) 28.11.2023
(22) 20.05.2022	B23K 101/28	(31) 17/750,662
(54) PROCESS OF PRODUCING A BUIDLING FLOOR	(21) 2034852	PCT/US2022/030648
(71) Green Floor IP B.V.	(22) 17.05.2023	(32) 23.05.2022
(74) ir. A.R. Aalbers	(54) HIGH-EFFICIENCY WELDED H-SHAPED STEEL AND APPLICATION TECHNOLOGY THEREOF	24.05.2022
(72) Roland van Driel	(71) CHINA NORTHEAST ARCHITECTURAL DESIGN & RESEARCH INSTITUTE CO.,LTD	(33) United States of America
Hans Antonius Borra	(74) ir. W.J.J.M. Kempes	United States of America
(41) 27.11.2023	(72) Qinghai Sui	(51) F02B 37/24
(51) C12N 5/077	(31) 2022105440680	F02D 41/14
D01D 5/40	(32) 19.05.2022	(21) 2031951
A61L 27/52	(33) China	(22) 20.05.2022
C12M 3/00	(51) E04F 13/08	(54) Engine pre turbine pressure monitoring system
C12N 5/00	(21) 2031862	(71) DAF Trucks N.V.
D01F 9/04	(22) 16.05.2022	(74) ir. H.A. Witmans c.s.
(21) 2031922	(54) WANDSYSTEEM, WANDELEMENT EN WERKWIJZE VOOR HET SAMENSTELLEN VAN HET WANDSYSTEEM	(72) Maarten Robertus Ingmar Nieuwenhuijze Luc Hubertus Josephina Worms
(22) 18.05.2022	(71) Fassat Intellectual Property B.V.	(41) 27.11.2023
(54) Bioreactor and method for the production of cultured fat	(74) drs. C.H. Mink-Lindenbunrg	(51) F04B 35/00
(71) Mosa Meat B.V.	(72) Gerrit Cornelis Tadema	F01B 17/02
(74) ir. H.A. Witmans c.s.	(41) 23.11.2023	F01B 29/02
(72) Jos Scheepers	(51) E04F 17/08	F04B 39/00
Roos Kamps	H02G 3/22	(21) 2031929
Jonathan Jan Broomhaar	E04D 13/14	(22) 18.05.2022
Nik Mazari	(21) 2031959	(54) Compressorinrichting en werkwijze voor het comprimeren van een vloeistofdamp, in het bijzonder stoom.
Nick van Zomeren	(22) 23.05.2022	(71) Standard Fasel B.V.
Kelly Cornelia Johanna Helena Aarts	(54) DAKDOORVOER AFSLUITING	(74) drs. A.A. Jilderda
(41) 27.11.2023		(72) Adrianus Antonius Hubertus Scheepens
(51) E02B 3/10		(41) 27.11.2023
C02F 3/32		(51) F16K 31/08
(21) 2031875		
(22) 16.05.2022		
(54) WAVE-DAMPING SUBMERGED DAM CAPABLE OF PURIFYING WATER QUALITY AND IMPROVING DIVERSITY OF BENTHIC ORGANISMS		

(21) 2034418	Xiangkun Ji	Qiang Ren
(22) 24.03.2023	(31) 202210549910.X	(41) 27.11.2023
(54) Subsurface Safety Valve With Recoupling Magnet Assembly	(32) 20.05.2022	(51) G01G 19/52
(71) Halliburton Energy Services, Inc.	(33) China	(21) 2031890
(74) dr. ir. F.M. van Bouwelen	(51) G01B 11/16	(22) 17.05.2022
(72) Kevin Robin Passmore	G08B 19/00	(54) An Integrated Measuring Equipment for Body Length and Weight of Fish
James Dan Vick Jr.	G08B 25/08	(71) Institute of Fisheries Science, Tibet Academy of Agricultural and Animal Husbandry Sciences
Bruce Edward Scott	(21) 2036022	(74) ir. W.J.J.M. Kempes
(31) 17/747,820	(22) 13.10.2023	(72) Fei Liu
(32) 18.05.2022	(54) A Tunnel Health Monitoring System Based on Distributed Sensing Fiber Optics	(41) 24.11.2023
(33) United States of America	(71) The Design Institute of Civil Engineering and Architecture of Dalian University of Technology	(51) G01N 30/02
(51) F16L 41/03	China Railway Construction Bridge Engineering Bureau Group CO., LTD.	G01N 30/04
F24D 3/10	Dalian University of Technology	(21) 2036073
F16L 15/08	The 1st Engineering CO., LTD. Of China Railway Construction Bridge Engineering Bureau Group	(22) 19.10.2023
(21) 2031924	(74) dr. A.V. Huygens	(54) METHOD FOR DETERMINING CONTENT OF ORGANIC ACID IN SMOKE OF HEATED TOBACCO PRODUCT
(22) 18.05.2022	(72) Zhengzheng Wang	(71) YUNNAN TOBACCO QUALITY SUPERVISION AND TESTING STATION
(54) FLUID DISTRIBUTION MANIFOLD SEGMENT FOR A MODULAR MANIFOLD	Lei Shi	(74) ir. W.J.J.M. Kempes
(71) Systems IP B.V	Yongguo Liu	(72) Dan Li
(74) ir. J.C. Volmer c.s.	Geng Liu	Jieyun Cai
(72) Daniel Thomas Dirks	Jinku Zhang	Ke Zhang
Matthijs Robert Kwik	Hanyong Luo	Haiyan Li
(41) 27.11.2023	Zhichuan Peng	Chao Li
(51) F25B 43/00	Dengke Xie	Haowei Sun
F25B 41/20	Yidan Zhang	Xiaowei Sun
F25B 41/24	Yanlong Zhao	Jie Long
F25B 49/02	Zhuangzhuang Zhang	Li Gao
F25B 13/00	(31) 202310972296.2	Junwen Li
(21) 2031964	(32) 03.08.2023	Jianlong Gu
(22) 23.05.2022	(33) China	Chunqiong Wang
(54) Heat pump comprising a heating circuit and a buffer circuit	(51) G01C 13/00	Dan Chen
(71) Intergas Verwarming B.V.	G01C 21/00	(31) 202310576430.7
(74) ir. A. Blokland c.s.	G01V 7/00	(32) 19.05.2023
(72) Sietze Marlom van der Sluis	(21) 2032365	(33) China
(41) 28.11.2023	(22) 04.07.2022	(51) G01N 30/06
(51) F25B 49/02	(54) METHOD AND SYSTEM FOR DETERMINING SEAWATER DEPTH FOR MANNED SUBMERSIBLE	G01N 30/02
F25B 41/24	(71) National Deep Sea Center	(21) 2036104
F25B 41/20	(74) ir. M.B. Plaggenborg	(22) 24.10.2023
F25B 41/26	(72) Tongwei Zhang	(54) METHOD FOR TRACKING RELEASE PATTERN OF VOLATILE SUBSTANCE IN TOBACCO
F25B 6/02	Lei Yang	(71) UNIV KUNMING SCIENCE & TECH YUNNAN TOBACCO QUALITY SUPERVISION AND TESTING STATION
F25B 13/00	Jichao Yang	(74) ir. W.J.J.M. Kempes
(21) 2031963	Xiangxin Wang	(72) Jieyun Cai
(22) 23.05.2022	Shengya Zhao	Xiaowei Zhang
(54) Heat pump comprising a first heating circuit and a second heating circuit	(31) 202210554700.X	Lili Gu
(71) Intergas Verwarming B.V.	(32) 20.05.2022	Weixue Li
(74) ir. A. Blokland c.s.	(33) China	Jianlong Gu
(72) Sietze Marlom van der Sluis	(51) G01F 23/04	Yang Liu
Louis Visser	(21) 2031937	Dan Li
(41) 28.11.2023	(22) 19.05.2022	Huiping Wang
(51) F28F 13/00	(54) METHOD AND DEVICE FOR AUTOMATICALLY IDENTIFYING WATER LEVEL	Chao Li
(21) 2032100	(71) China Three Gorges University	Farong Yang
(22) 08.06.2022	(74) ir. W.J.J.M. Kempes	Li Gao
(54) MAGNETIC FIELD INTENSIFIED CONVECTIVE HEAT TRANSFER METHOD OF SHELL-AND-TUBE HEAT EXCHANGER	(72) Fan Pan	Jie Long
(71) Naval University of Engineering, PLA	Xiaohui Chen	(31) 202310576276.3
(74) dr. T. Wittop Koning PhD	Bangjun Lei	(32) 19.05.2023
(72) Kun Xi	Qiang Huang	(33) China
Huawei Chen	Ping Xia	(51) G01N 30/06
Zhihui Xie	Feng Wang	G01N 30/02
Hanyu Liu		
Zhuoqun Lu		
Daoguang Lin		

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(21) 2036103
(22) 24.10.2023
(54) METHOD FOR ANALYZING AND DETECTING ORGANIC ACID IN TOBACCO
(71) YUNNAN TOBACCO QUALITY SUPERVISION AND TESTING STATION UNIV KUNMING SCIENCE & TECH
(74) ir. W.J.J.M. Kempes
(72) Jieyun Cai
Lili Gu
Weixue Li
Jianlong Gu
Huiping Wang
Chao Li
Yang Liu
Ke Zhang
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Farong Yang
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(31) 202310572772.1
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- (51) G01S 7/02
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G01S 13/931
G01S 17/931
G01S 7/521
G01S 7/497
G01S 7/52
(21) 2031955
(22) 20.05.2022
(54) A manoeuvring guidance system
(71) BoostPhysics B.V.
(74) drs. A.A. Jilderda
(72) Max de Feber
(41) 27.11.2023
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- (51) G01S 13/88
G01S 7/02
(21) 2035956
(22) 04.10.2023
(54) Multi-frequency Radar Satellite Altitude Measurement System and Measurement Method Therewith
(71) Shaanxi University of Technology
(74) drs. C.M.A. Quintelier
(72) Hongbo Wu
-
- (51) G06F 16/33
G06F 16/35
(21) 2034840
(22) 16.05.2023
(54) INTELLIGENT QUESTION-ANSWERING SYSTEM FOR PROSTATE CANCER AND IMPLEMENTATION METHOD THEREOF
(71) West China Hospital, Sichuan University
(74) ir. W.J.J.M. Kempes
(72) Fei Ye
Yingbo Zhang
Tong Tang
Bairong Shen
Xingyun Liu
Mengqiao He
Jiao Wang
- (31) CN202210545644.3
(32) 19.05.2022
(33) China
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- (51) G06F 18/25
G06F 18/24
(21) 2034106
(22) 07.02.2023
(54) AUTOMATIC CROP CLASSIFICATION METHOD AND SYSTEM BASED ON MULTI-CLASSIFIER FUSION, AND STORAGE MEDIUM
(71) China University of Geosciences Wuhan Polytechnic University
(74) ir. M.B. Plaggenborg
(72) Shuang Shuai
Zhi Zhang
Yamao Wang
Fei Xie
Dan Meng
Yuanfu Gong
Zicheng Ma
Yanpeng Peng
Zhongzhao Xiong
Yao Xiao
Changhai Yue
Cuirong Xie
Tiancheng Sun
Renlan Zhang
Si Chen
Xu Wang
(31) 202210548609.7
(32) 20.05.2022
(33) China
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- (51) G06Q 10/08
G01L 1/20
(21) 2031952
(22) 20.05.2022
(54) System and method for automatic stock monitoring
(71) MOOS International B.V.
(74) ir. H.Th. van den Heuvel c.s.
(72) Ricardo Filipe fernandes e costa magalhães Teixeira
Harm-Willem Hogenbirk
Marc René Bruck Reunis
Pelle Jurrien van Rees
Rodolphe Paul Koehly
(41) 27.11.2023
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(21) 2034889
(22) 23.05.2023
(54) LOGISTICS TRANSPORTATION QUEUING SYSTEM FOR SODIUM SULFATE PRODUCTION
(71) SC Hongya Qingyijiang Sodium Sulphate Co., Ltd.
(74) ir. W.J.J.M. Kempes
(72) Yulin Duan
(31) 202210562723.5
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(33) China
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G06V 10/764
(21) 2034838
(22) 16.05.2023
(54) METHOD, SYSTEM AND MANAGEMENT PLATFORM FOR IDENTIFYING DROUGHT CONDITIONS IN PASTURING AREAS
(71) China Institute of Water Resources and Hydropower Research
Institute of Water Resources for Pastoral Area, MWR
(74) ir. W.J.J.M. Kempes
(72) Shuixia Zhao
Wenjun Wang
Yingjie Wu
Qiang Quan
Quancheng Zhou
Ziyang Zhao
Hang Yin
Xiaojun Chen
Wei Li
Shanze Li
Weijie Zhang
Wuxian Bi
Lixin Sun
Qian Zhao
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(33) China
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- (51) G06V 20/52
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A01M 1/10
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(21) 1044330
(22) 16.05.2022
(54) Schaalbaar computervisie monitorsysteem voor een plantenweekomgeving omvattende sensorunits in een vermaasde netwerk
(71) Mu-G Knowledge Management BV
(72) Bram Tijmons
Kevin van Hecke
Wouter van den Hof
Sjoerd Tijmons
(41) 24.11.2023
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- (51) G07F 17/32
(21) 2031960
(22) 23.05.2022
(54) Amusement machine of the pusher type
(71) Elaut NV
(74) dr. ir. G.J.C. Verdijk c.s.
(72) Eric Verstraeten
(41) 28.11.2023
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- (51) G16B 30/10
G16H 10/40
G16H 50/20
(21) 1044338
(22) 23.05.2022
(54) Sequence based screening tool for microbial entities in biological samples
(71) HORAIZON TECHNOLOGY BV
(72) MSc Troy Maasland
PhD Evgeni Levin
(41) 28.11.2023
-
- (51) G16H 20/17
A61M 31/00
(21) 2035771
(22) 08.09.2023
(54) PRECISE DOSING METHOD FOR MAGNETIC CAPSULES
(71) THE AFFILIATED HOSPITAL OF GUIZHOU MEDICAL UNIVERSITY
(74) ir. M.B. Plaggenborg

(72) Kaya Xu Guangtang Chen Jiang Ming Xin Xiang Wenyong Zhao Longcai He Xudong Wang Bowen Li Junshuan Cui Xingwang Zhou Xi Zeng Wenxue Song Yidong Liao Zili Wang Hua Yang	(21) 2031923 (22) 18.05.2022 (54) Model design and pricing method of regional power capacity market considering cross-regional tie-line constraints (71) Xi'an Jiaotong University (74) ir. W.J.J.M. Kempes (72) Haocheng Zhang Yuankang He Tao Ding Chenggang Mu Yiyang Zhang Li Li Chao Zhu Li Xu Xiaojun Li
(31) 202211551669.0 (32) 05.12.2022 (33) China	(41) 27.11.2023
(51) H01L 31/0216 H01L 31/0224 H01L 31/0747 H01L 31/0236 H01L 31/18	(51) H03H 21/00 (21) 2031941 (22) 19.05.2022 (54) VARIABLE-PARAMETER ZERO-ATTRACTING LEAST MEAN SQUARE SYSTEM FOR IDENTIFICATION OF SPARSE SYSTEMS
(21) 2031897 (22) 17.05.2022 (54) Localized passivated contacts for Solar Cells	(71) Shenyang University of Technology (74) ir. M.B. Plaggenborg (72) Ying Guo Yanmei Bai
(71) Technische Universiteit Delft (74) drs. P.A. van Essen c.s. (72) Paul Alejandro Procel Moya Olindo Isabella	(41) 27.11.2023 (51) H04N 1/00 G06T 5/50
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(51) H01M 4/04 H01M 4/134 H01M 4/1395 H01M 4/36 H01M 4/38 H01M 4/66 H01M 10/04 H01M 10/0525 H01M 12/08	(21) 1044332 (22) 17.05.2022 (54) Method for improved scanning of a photographic emulsion (71) Felixsonip B.V. (74) ir. A. Blokland c.s. (72) R.J.Geluk
(21) 2031863 (22) 16.05.2022 (54) Electrode with graded alloy layer, battery and method	(51) H04R 7/04 (21) 2031944 (22) 20.05.2022 (54) TUNING SPRING MASS RESONATOR OF LOUDSPEAKER IN MOBILE DEVICE
(71) LionVolt B.V. (74) ir. H.A. Witmans c.s. (72) Freddy Roozeboom Sandeep Unnikrishnan Sathiyaraj Kandhasamy Bihag Anothumakkool	(71) Microsoft Technology Licensing, LLC (74) ir. J.C. Volmer c.s. (72) Christian Lorenz Kalle Ilari Makinen Tuomas Erkki Niemi Eric Andrew Simpson
(41) 23.11.2023	(41) 27.11.2023
(51) H01R 13/52 H01F 27/04 H01B 17/00	
(21) 2031886 (22) 17.05.2022 (54) PROTECTION COVER, METHOD OF INSTALLING THEREOF AND METHOD OF PERFORMING MAINTENANCE THEREWITH	
(71) Alfen B.V. (74) dr. ir. G.J.C. Verdijck c.s. (72) Pieter van Weerdhuizen	
(51) H02J 3/00 G06Q 30/0201 G06Q 50/06 H02J 3/48	

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) A01D 34/86 A01D 44/00 A01D 34/835	BROWN COTTON FIBER AND USE THEREOF	(74) W.J. Slikker
(11) 2031920 (47) 27.11.2023 (22) 18.05.2022	(73) Anhui Agricultural University (72) Lei Xu Yongfei Xie Yan Meng Junshan Gao Wen Chen	(51) A23D 9/007 A23L 33/105 A23L 13/40 A21D 2/36 A23D 7/005 A23C 9/13 A23L 19/00
(54) MOWING DEVICE FOR MOWING BANKS OF WATERCOURSES AND METHOD THEREFOR	(74) ir. W.J.J.M. Kempes	(11) 2031902 (47) 27.11.2023 (22) 18.05.2022
(73) REMA Holding BV (72) Wilko Regnerus Piet Regnerus	(51) A01K 5/02 (11) 2027617 (47) 27.11.2023 (22) 23.02.2021	(54) A PROCESS TO PREPARE A VEGETABLE OIL
(74) dr. ir. G.J.C. Verdijck c.s.	(54) "Animal feeder"	(73) PEELPIONEERS B.V. (72) Hylke Pier Nicolai Martinus Mathilda Pieter Zieverink Dirk Carel Sytze van Stempvoort
(51) A01G 7/06 (11) 2031942 (47) 27.11.2023 (22) 20.05.2022	(73) ROTECNA, S.A. (72) Gener Romeu Guardia (74) ir. J.C. Volmer c.s.	(74) ir. M. Cramwinckel
(54) METHOD FOR COLOURING FLOWERS OF POT PLANTS	(31) U 202030317 (32) 25.02.2020 (33) Spain	(51) A61H 23/00 A61H 23/02
(73) De Koning Planten B.V. (72) Franciscus Johannes Gerardus de Koning Robin Christiaan Gerardus de Koning	(51) A21B 1/48 A21B 3/04 (11) 2031866 (47) 23.11.2023 (22) 16.05.2022	(11) 2031874 (47) 24.11.2023 (22) 16.05.2022 (54) INTELLIGENT ROBOT FOR BACK- SLAP SPUTUM EXCRETION
(74) dr. R.C. van Duijvenbode c.s.	(22) 16.05.2022 (54) Tunnel oven and method for the preparation of food products	(73) BEIHANG UNIVERSITY (72) Yuanhai Huang Min Wang Yue Pan Diansheng Chen
(51) A01G 9/24 F24F 7/02 E04D 13/17 A01G 9/14	(73) Kaak Groep B.V. (72) Maria Kokkoti Michel Martinus Willem van Wezel Franciscus Quirinus Fredrik Verouden Mathijs Cornelis Theodorus Reuling	(74) ir. M.B. Plaggenborg
(11) 2031896 (47) 24.11.2023 (22) 17.05.2022	(74) ir. F.A. Geurts c.s.	(51) A61K 31/19 A61K 31/704 A61K 31/185 A61K 31/198 A61P 35/00
(54) RIDGE BEAM	(51) A21B 3/04 A21B 1/48	(11) 2031966 (47) 28.11.2023 (22) 23.05.2022
(73) Van der Hoeven Horticultural Projects BV (72) Sven Peter van Heijningen (74) ir. M. Cramwinckel	(11) 2031867 (47) 23.11.2023 (22) 16.05.2022	(54) Chelating agents for use in cancer therapy
(51) A01G 18/69 A01G 9/24	(54) Method for controlling a tunnel oven and tunnel oven with flow control	(73) Pleco Therapeutics B.V. (72) Dan Gelvan Patricia Muller
(11) 2031962 (47) 28.11.2023 (22) 23.05.2022	(73) Kaak Groep B.V. (72) Franciscus Quirinus Fredrik Verouden Michel Martinus Willem van Wezel Mathijs Cornelis Theodorus Reuling Maria Kokkoti	(74) ir. H.A. Witmans c.s.
(54) HEAT EXCHANGER FOR TEMPERATURE CONTROL OF A SUBSTRATE FOR CULTIVATING HORTICULTURAL PRODUCTS, SUBSTRATE DRAWER, AND RACK	(74) ir. F.A. Geurts c.s.	(51) A61K 35/28 A61K 9/00 A61K 9/51 A61K 31/375 A61K 31/727 A61K 36/258 A61K 38/38 A61P 7/00 A61P 9/10 A61P 9/14
(73) Christiaens Group B.V. (72) Martinus Leonardus Hendrikus Maria Christiaens	(51) A21C 11/00 (11) 2031848 (47) 24.11.2023 (22) 13.05.2022	(11) 2034586 (47) 24.11.2023 (22) 16.04.2023
(74) ir. H.A. Witmans c.s.	(54) PERSKOP, DEEGPERSINRICHTING EN SYSTEEM MET EEN DERGELIJKE PERSKOP	(54) REPAIR INJECTION CONTAINING MESENCHYMAL STEM CELLS
(51) A01H 6/60 C12N 9/10 C12N 15/29 C12N 15/82	(73) Machinefabriek Verhoeven Algemeen Beheer B.V. (72) Petrus Johannes Arnoldus van der Linden Marcel Bernard Gilbert Johan van Huisseling Niels Marinus Gerardus Brands	
(11) 2031934 (47) 27.11.2023 (22) 19.05.2022		
(54) PROANTHOCYANIDIN TRANSPORT- RELATED GST PROTEIN GENE IN		

<p>(73) The Affiliated Hospital of Guizhou Medical University Kweichow Moutai Hospital Gene tech(Guizhou) Biotechnology Co., LTD</p>	<p>(72) Jos Roebben (74) dr. ir. G.J.C. Verdijck c.s. (31) 2021/6075 (32) 27.12.2021 (33) Belgium</p>	<p>(51) B07C 5/36 (11) 2031879 (47) 24.11.2023 (22) 16.05.2022 (54) Recycling of scrap</p>
<p>(72) Rui Gao Zhaohui Yin Zhi Huang Jing Zheng Bi Wang Yaling Liang</p>	<p>(51) A61N 1/04 A61B 5/00 A61N 1/36 A61N 1/40 (11) 2031921 (47) 27.11.2023 (22) 18.05.2022</p>	<p>(73) Technische Universiteit Delft (72) Peter Carlo Rem Yongli Wu Francesco Di Maio (74) ir. H.A. Witmans c.s.</p>
<p>(74) dr. T. Wittop Koning PhD</p>	<p>(22) 18.05.2022</p>	<p>(51) B07C 99/00 (11) 2031878 (47) 23.11.2023 (22) 16.05.2022 (54) Recycling of scrap</p>
<p>(51) A61K 36/48 A61K 35/28 A61K 31/495 A61K 38/20 A61K 38/39 A61P 17/02</p>	<p>(54) An electrical nerve stimulation system for stimulating one or more nerves of a mammal with an electrical signal. (73) Qmedic B.V. (72) Marinus Joannes Leonardus Quintus Erik Jan de Jong (74) ir. A. Blokland c.s.</p>	<p>(73) Technische Universiteit Delft (72) Peter Carlo Rem Yongli Wu Francesco Di Maio (74) ir. H.A. Witmans c.s.</p>
<p>(11) 2034585 (47) 24.11.2023 (22) 16.04.2023 (54) Application of Mesenchymal Stem Cells in Wound Repair</p>	<p>(51) B01D 61/44 B01D 61/46 B01D 61/36 B01D 61/48 (11) 2032487 (47) 24.11.2023 (22) 14.07.2022 (54) MEMBRANE STACK, STACK ASSEMBLY AND SYSTEM FOR AMMONIA RECOVERY AND METHOD THEREFOR</p>	<p>(51) B23K 20/12 B23K 20/26 (11) 2034283 (47) 27.11.2023 (22) 08.03.2023 (54) FRICTION WELDING MACHINE (73) Harbin Welding Institute Limited Company</p>
<p>(73) Gene tech(Guizhou) Biotechnology Co., LTD Kweichow Moutai Hospital The Affiliated Hospital of Guizhou Medical University</p>	<p>(73) W&F Technologies B.V. (72) Franciscus Cornelis Scheepers Sam Daniël Molenaar (74) dr. ir. G.J.C. Verdijck c.s.</p>	<p>(72) Yue Lin Ming Xu Chunbo Zhang Yanquan Wu Feng Qin Wu Liang Jun Zhou Rui Li Yunlei Li Haifeng Yang Yushan Zhao Qi Wang Hanlin Yan Wenhan Zhang Gadi Jin</p>
<p>(72) Bi Wang Zhi Huang Zhaohui Yin Yaling Liang Rui Gao Jing Zheng</p>	<p>(31) 2031898 (32) 17.05.2022 (33) Netherlands</p>	<p>(74) ir. M.B. Plaggenborg (31) 202210236170.4 (32) 11.03.2022 (33) China</p>
<p>(74) dr. T. Wittop Koning PhD</p>	<p>(51) B01J 20/10 C02F 1/28 (11) 2031889 (47) 24.11.2023 (22) 17.05.2022</p>	<p>(51) B24B 41/00 (11) 2031948 (47) 27.11.2023 (22) 20.05.2022 (54) Polijst- en/of schuurkop alsmede polijst- en/of schuurmachine voorzien van deze kop</p>
<p>(51) A61K 45/00 A61P 11/06 A61K 31/00 G01N 33/50</p>	<p>(54) USE OF SUBSTANCE INHIBITING RORyt EXPRESSION OR PROMOTING Foxp3 EXPRESSION IN DRUGS FOR PREVENTION AND TREATMENT OF ASTHMA (73) SHANXI MEDICAL UNIVERSITY (72) Dan Wang Jiayu Tian Hao Shi Zhihong Zhang Xin Wang Nannan Liu</p>	<p>(73) Guido Arnoldus Gerardus Verhoeckx (72) Guido Arnoldus Gerardus Verhoeckx (74) ir. G.J.M. Verhees</p>
<p>(11) 2034593 (47) 27.11.2023 (22) 17.04.2023 (54) USE OF SUBSTANCE INHIBITING RORyt EXPRESSION OR PROMOTING Foxp3 EXPRESSION IN DRUGS FOR PREVENTION AND TREATMENT OF ASTHMA</p>	<p>(54) ADSORBENT FOR REMOVING PENTAVALENT ANTIMONY FROM WATER AND PREPARATION METHOD THEREOF (73) INSTITUTE OF GEOCHEMISTRY, CHINESE ACADEMY OF SCIENCES (72) Shiliang Wu Yizhang Liu Wei Liu Yanlong Zhao Zhengyu Huang Zengping Ning Tangfu Xiao</p>	<p>(51) B26D 1/06 B29C 48/285 B26D 7/14 B65H 23/188 B26D 1/18 B65H 35/08 B26D 3/00 B65H 35/06 B26D 5/20 (11) 2031908 (47) 27.11.2023</p>
<p>(74) ir. W.J.J.M. Kempes (31) 202210406296.1 (32) 18.04.2022 (33) China</p>	<p>(74) ir. M.B. Plaggenborg</p>	<p>(51) B03C 1/32 B03C 1/16 (11) 2031882 (47) 24.11.2023 (22) 17.05.2022 (54) Method of separating scrap particles, and particle separation assembly</p>
<p>(51) A61L 2/22 A61L 2/24 A61L 9/14</p>	<p>(51) B03C 1/32 B03C 1/16 (11) 2031882 (47) 24.11.2023 (22) 17.05.2022 (54) Method of separating scrap particles, and particle separation assembly</p>	<p>(73) Technische Universiteit Delft (72) Peter Carlo Rem Francesco Di Maio (74) ir. H.A. Witmans c.s.</p>
<p>(11) 2033815 (47) 27.11.2023 (22) 23.12.2022 (54) APPARAAT, SYSTEEM EN WERKWIJZE VOOR HET DESINFECTEREN VAN EEN KAMER</p>	<p>(74) ir. H.A. Witmans c.s.</p>	<p>(11) 2031908 (47) 27.11.2023</p>
<p>(73) ROAM TECHNOLOGY NV</p>	<p>(74) ir. H.A. Witmans c.s.</p>	<p>(11) 2031908 (47) 27.11.2023</p>

(22) 18.05.2022	B26D 1/00	B60L 53/38
(54) Apparatus and method for converting a sheet into a continuous strip	(11) 2031907	B60L 15/38
(73) VMI Holland B.V.	(47) 27.11.2023	(11) 2031967
(72) Evert Doppenberg	(22) 18.05.2022	(47) 28.11.2023
(74) ir. F.A. Geurts c.s.	(54) Cutting device and method for cutting a tire component	(22) 23.05.2022
(51) B29C 65/16	(73) VMI Holland B.V.	(54) INDOOR AGRICULTURAL AUTONOMOUS VEHICLE, SYSTEM AND METHOD
B28B 23/00	(72) Jochem Johannes van Steenis	(73) Honest AgTech B.V.
B28B 23/04	Mattheus Jacobus Kaagman	(72) Ysalis Mallédant
(11) 2031905	(74) ir. F.A. Geurts c.s.	Bart van Duijn
(47) 27.11.2023	(51) B32B 7/12	Kushal Thirani
(22) 18.05.2022	B32B 15/082	(74) dr. ir. G.J.C. Verdijck c.s.
(54) COMPOSITE OBJECT AND REINFORCED MATERIAL, AND ASSOCIATED METHODS OF MANUFACTURING	B32B 15/18	(51) B62D 63/06
(73) VM Holding B.V.	B32B 27/30	B62D 53/06
(72) Jacobus Lambertus van Merksteijn	B32B 27/36	B60S 9/04
(74) dr. ir. G.J.C. Verdijck c.s.	(11) 2031939	(11) 2031950
(51) B29D 30/00	(47) 27.11.2023	(47) 27.11.2023
(11) 2031913	(22) 19.05.2022	(22) 20.05.2022
(47) 27.11.2023	(54) Coil coating process	(54) Trailer
(22) 18.05.2022	(73) Lamcoatings B.V.	(73) Expandable B.V.
(54) Gripper and method for gripping a tire bead ring	(72) Alessandro Bralia	(72) Michiel Johannes Petrus Beex
(73) VMI Holland B.V.	Antonio D'Ortona	Lucas Cornelis Spruijt
(72) Willem Marinus van Beek	(74) ir. J.C. Volmer c.s.	(74) ir. H.Th. van den Heuvel c.s.
Timen Anton van Werven	(51) B41F 5/24	(51) B62K 7/04
(74) ir. F.A. Geurts c.s.	B41F 13/14	B62K 5/00
(51) B29D 30/00	(11) 2032263	(11) 2031864
(11) 2031909	(47) 24.11.2023	(47) 23.11.2023
(47) 27.11.2023	(22) 23.06.2022	(22) 16.05.2022
(22) 18.05.2022	(54) Flexographic printing assembly for same-sized plate rollers	(54) A cargo bike
(54) Method for switching over a tire manufacturing line, and tire manufacturing line and computer program product configured for the same	(73) CANON PRODUCTION PRINTING HOLDING B.V.	(73) Arjan Vrieling
(73) VMI Holland B.V.	(72) Anne A. Wind	(72) Andre Vrieling
(72) Robin Nusselder	(74) ir. M.J. Groen	Arjan Vrieling
(74) ir. F.A. Geurts c.s.	(31) 22173510.3	(74) mr. ir. J. van Breda c.s.
(51) B29D 30/00	(32) 16.05.2022	(51) B62M 6/65
(11) 2031914	(33) European Patent Office (EPO)	B62K 5/00
(47) 27.11.2023	(51) B41J 15/04	B62J 45/411
(22) 18.05.2022	(11) 2034213	B62J 45/423
(54) Tire building machine for producing tire components and method for providing human access to said tire building machine	(47) 27.11.2023	G01L 3/10
(73) VMI Holland B.V.	(22) 23.02.2023	(11) 2030660
(72) Willem Marinus van Beek	(54) UITLEESASSEMBLAGE VAN ROLLER-REIS	(47) 27.11.2023
Timen Anton van Werven	(73) GuangZhou KingTau Machinery&Electronics Equipment Co., Ltd.	(22) 24.01.2022
(74) ir. F.A. Geurts c.s.	(72) Zhenhua Tang	(54) Electric Auxiliary Drive for a Bicycle
(51) B29D 30/38	(74) drs. C.M.A. Quintelier	(73) Hirschvogel E-Solutions GmbH
B65H 57/16	(31) 202220413609.1	(72) Matthias Blümel
B65H 51/18	(32) 28.02.2022	Benjamin Prescher
B65H 57/28	(33) China	(74) ir. F.A. Geurts c.s.
(11) 2031910	(51) B60G 7/02	(31) 10 2021 000 407.8
(47) 27.11.2023	B62D 21/11	(32) 28.01.2021
(22) 18.05.2022	B60G 9/00	(33) Germany
(54) Method and cord organizer for organizing cords between a tire building creel and an extruder	B60G 11/46	(51) B65B 9/20
(73) VMI Holland B.V.	B60G 13/00	B31B 70/00
(72) Gerardus Johannes Catharina van Laar Jantinus Schraa	B62D 21/02	B31B 70/26
(74) ir. F.A. Geurts c.s.	(11) 2031947	B31B 70/64
(51) B29D 30/46	(47) 27.11.2023	B29C 65/00
	(22) 19.05.2022	(11) 2031935
	(22) 20.05.2022	(47) 27.11.2023
	(54) Packaging machine for making reinforced packages	(22) 19.05.2022
	(73) GKS Packaging B.V.	(54) Packaging machine for making reinforced packages
	(72) Janne Sakari Asikainen	(73) GKS Packaging B.V.
	Ivo Richard Elias Geukes	(72) Janne Sakari Asikainen
	Twan Waltherus Petrus van Gent	Ivo Richard Elias Geukes
	Stefan Anne Petrus Theodoros Kievit	Twan Waltherus Petrus van Gent
	dr. R.C. van Duijvenbode c.s.	Stefan Anne Petrus Theodoros Kievit
	(51) B60L 53/124	(74) dr. R.C. van Duijvenbode c.s.
	B60L 53/12	(51) B65D 17/34

B65D 17/32	(31) 2023103237234	(74) ir. H.A. Witmans c.s.
(11) 2031961	(32) 29.03.2023	(51) C12R 1/225
(47) 28.11.2023	(33) China	C12N 1/20
(22) 23.05.2022	(51) C08J 11/12	A61K 35/747
(54) Drankblikje met aan boven- en onderzijde een opening	C10B 53/02	(11) 2035196
(73) Barros Westplat	C10G 1/10	(47) 24.11.2023
(72) Barros Westplat	C10B 53/00	(22) 28.06.2023
(74) ir. G.J.M. Verhees	C10B 49/22	(54) LACTOBACILLUS FERMENTUM AND APPLICATIONS OF LACTOBACILLUS FERMENTUM IN PREPARATION FOR ALLEVIATING ALCOHOLIC-INDUCED GASTRIC INJURY
(51) B65G 11/00	C10B 53/07	(73) Chongqing Tianyou Dairy Co. Ltd.
B07C 5/34	(11) 2031869	(72) Qiang Wang
(11) 2031877	(47) 24.11.2023	Xiaofang Hu
(47) 24.11.2023	(22) 16.05.2022	Tian Tang
(22) 16.05.2022	(54) Method for producing high value chemicals from feedstock	Ying Han
(54) Recycling of scrap	(73) Milena Olga Joint Innovation Assets B.V	Manni Yin
(73) Technische Universiteit Delft	(72) Robin Willem Rudolf Zwart	Feng Zhang
(72) Peter Carlo Rem	Berend Joost Vreugdenhil	Xi Shu
Yongli Wu	Alexander Jacobus Grootjes	Zhen Zhang
Francesco Di Maio	Abraham van der Drift	Jing Wang
(74) ir. H.A. Witmans c.s.	(74) dr. R.C. van Duijvenbode c.s.	Xu Zhu
(51) B66C 23/44	(51) C10G 1/10	Lin Peng
(11) 2034715	C10B 53/07	(74) drs. C.M.A. Quintelier
(47) 24.11.2023	C10B 49/22	(31) 202310011362X
(22) 27.04.2023	C08J 11/12	(32) 05.01.2023
(54) ROLKRAAN VOOR EEN TRANSPORTVOERTUIG MET EEN STANDAARD AUTOLAADKRAAN MET EEN DERDE PUNT EN WERKWIJZE VOOR DE BOUW VAN ZULKE ROLKRAAN	(11) 2031868	(33) China
(73) WERKHUIZEN JACOBS BVBA	(47) 24.11.2023	(51) C22B 3/06
(72) Patrick Jacobs	(22) 16.05.2022	C22B 1/02
Erik Lenaerts	(54) Method for depolymerising polymers into one or more monomers	C22B 15/00
(74) ir. M.B. Plaggenborg	(73) Milena Olga Joint Innovation Assets B.V.	(11) 2031808
(31) 2022/5366	(72) Abraham van der Drift	(47) 27.11.2023
(32) 16.05.2022	Robin Willem Rudolf Zwart	(22) 09.05.2022
(33) Belgium	Rob Slangen	(54) METHOD FOR LEACHING CHALCOPYRITE
(51) B66F 9/06	Tom Vanderlocht	(73) Chinese Academy of Geological Sciences
B66F 9/075	(74) dr. R.C. van Duijvenbode c.s.	(72) Xiaobo Zhang
(11) 2031891	(51) C12N 1/14	Yaoyao Zhang
(47) 24.11.2023	A01G 18/00	Kai Liu
(22) 17.05.2022	E04B 1/74	Xuejun Zhang
(54) Zelfrijdend voertuig voor het transporteren van een lastdrager.	E04B 5/16	Zenan Zhao
(73) Nipper B.V.	E04B 5/43	(74) ir. M.B. Plaggenborg
(72) Bart Johannes Gerardus Kavelaars	(11) 2031943	(31) 202111577550.6
(74) ir. A. Blokland c.s.	(47) 27.11.2023	(32) 22.12.2021
(51) C01G 17/00	(22) 20.05.2022	(33) China
C22B 5/12	(54) PROCESS OF PRODUCING A BUIDLING FLOOR	(51) C22B 3/42
C22B 41/00	(73) Green Floor IP B.V.	C01D 15/08
F27B 5/04	(72) Roland van Driel	C22B 26/12
F27D 19/00	Hans Antonius Borra	C22B 3/24
F27B 5/14	(74) ir. A.R. Aalbers	C01F 11/18
(11) 2035347	(51) C12N 5/077	C22B 7/00
(47) 24.11.2023	D01D 5/40	(11) 2031043
(22) 11.07.2023	A61L 27/52	(47) 27.11.2023
(54) SYSTEM AND METHOD FOR PREPARING GERMANIUM METAL	C12M 3/00	(22) 23.02.2022
(73) Yunnan Chihong International Ge Co., Ltd.	C12N 5/00	(54) LITHIUM EXTRACTION METHOD FOR LOW-GRADE DEEP BRINE
(72) Dingfang Cui	D01F 9/04	(73) Qinghai Geological and Mineral Testing Center (Qinghai Province Eco-environmental Geology Inspection and Testing Center)
Yanmei Miao	(11) 2031922	(72) Liping Wu
Huazhi Lei	(47) 27.11.2023	Xin Xiong
Junxiao Chen	(22) 18.05.2022	Yuqing Zhao
Guangping Zi	(54) Bioreactor and method for the production of cultured fat	Yongpeng Ying
Xingjun He	(73) Mosa Meat B.V.	Hongshu Fang
Hongjia Ji	(72) Jos Scheepers	Dao Liu
(74) drs. C.M.A. Quintelier	Roos Kamps	
	Jonathan Jan Breemhaar	
	Nik Mazari	
	Nick van Zomeren	
	Kelly Cornelia Johanna Helena Aarts	

Chengyu Huo	(72) Gerrit Cornelis Tadema	F04B 39/00
He Jiao	(74) drs. C.H. Mink-Lindenburg	(11) 2031929
(74) ir. M.B. Plaggenborg	(51) E04F 17/08	(47) 27.11.2023
(51) E02B 3/10	H02G 3/22	(22) 18.05.2022
C02F 3/32	E04D 13/14	(54) Compressorinrichting en werkwijze voor het comprimeren van een vloeistofdamp, in het bijzonder stoom.
(11) 2031875	(11) 2031959	(73) Standard Fasel B.V.
(47) 24.11.2023	(47) 28.11.2023	(72) Adrianus Antonius Hubertus Scheepens
(22) 16.05.2022	(22) 23.05.2022	(74) drs. A.A. Jilderda
(54) WAVE-DAMPING SUBMERGED DAM CAPABLE OF PURIFYING WATER QUALITY AND IMPROVING DIVERSITY OF BENTHIC ORGANISMS	(54) DAKDOORVOER AFSLUITING	(51) F16L 41/03
(73) Chinese Research Academy of Environmental Sciences	(73) Dillen Holding B.V.	F24D 3/10
(72) Junyi Chen	(72) Bas Petrus Wilhelmus Dillen	F16L 15/08
Qing Cai	(74) J. Hoekstra	(11) 2031924
Bo Zhang	(51) E04G 11/40	(47) 27.11.2023
Xia Jiang	E04G 11/36	(22) 18.05.2022
Shuhang Wang	E04D 3/26	(54) FLUID DISTRIBUTION MANIFOLD SEGMENT FOR A MODULAR MANIFOLD
Li Zhao	E04G 11/50	(73) Systems IP B.V.
(74) ir. M.B. Plaggenborg	E04B 7/20	(72) Daniel Thomas Dirks
(51) E04B 2/86	E04G 11/48	Matthijs Robert Kwik
E04C 2/04	(11) 2030167	(74) ir. J.C. Volmer c.s.
E04C 5/06	(47) 27.11.2023	(51) F25B 43/00
E04C 2/06	(22) 16.12.2021	F25B 41/20
(11) 2034700	(54) A METHOD FOR INTEGRATED CONCRETING OF SUPPORT BEAMS AND ROOFS OF ANTIQUE BUILDINGS	F25B 41/24
(47) 28.11.2023	(73) GuangDong Fifths Constructional Engineering Co., Ltd	F25B 49/02
(22) 26.04.2023	(72) Fuchang Liu	F25B 13/00
(54) A PREFABRICATED Z-SHAPED SHEAR WALL STRUCTURE AND A CONSTRUCTION METHOD THEREOF	Suiping Peng	(11) 2031964
(73) Nanjing Kentop Civil Engineering Technology Co., Ltd.	Weilong Wang	(47) 28.11.2023
China Railway 17th Bureau Group	(74) ir. M.B. Plaggenborg	(22) 23.05.2022
Shanghai Rail Transit Engineering Co., Ltd.	(31) 202110153945.7	(54) Heat pump comprising a heating circuit and a buffer circuit
Jiangsu Nanjing Geology Engineering Investigation Institute	(32) 04.02.2021	(73) Intergas Verwarming B.V.
NANJING TECH UNIVERSITY	(33) China	(72) Sietze Marlom van der Sluis
NANJING UNIVERSITY OF SCIENCE AND TECHNOLOGY	(51) E21B 43/10	(74) ir. A. Blokland c.s.
(72) Jiatong Han	E21B 33/04	(51) F25B 49/02
Duming Yan	E21B 23/01	F25B 41/24
Guanfei Hou	(11) 2034310	F25B 41/20
Guoyi Tang	(47) 28.11.2023	F25B 41/26
Yahu Tian	(22) 10.03.2023	F25B 6/02
Yehui Shi	(54) EXPANDABLE LINER HANGER ASSEMBLY HAVING ONE OR MORE HARDENED SECTIONS	F25B 13/00
Jinjun Xu	(73) Halliburton Energy Services, Inc.	(11) 2031963
Jianjun Dong	(72) Xiaoguang Allan Zhong	(47) 28.11.2023
Guichao Liu	Zhihua Fan	(22) 23.05.2022
Chenghua Xu	Abdolreza Gharesi	(54) Heat pump comprising a first heating circuit and a second heating circuit
Yajun Xiao	(74) dr. ir. F.M. van Bouwelen	(73) Intergas Verwarming B.V.
Zhenxiang Wang	(31) 17/750,662	(72) Sietze Marlom van der Sluis
Helan Cheng	PCT/US2022/030648	Louis Visser
Tong Li	(32) 23.05.2022	(74) ir. A. Blokland c.s.
(74) ir. M.B. Plaggenborg	24.05.2022	(51) G01F 23/04
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(11) 2031862	(11) 2031951	(73) China Three Gorges University
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(22) 16.05.2022	(22) 20.05.2022	Xiaohui Chen
(54) WANDSYSTEEM, WANDELEMENT EN WERKWIJZE VOOR HET SAMENSTELLEN VAN HET WANDSYSTEEM	(54) Engine pre turbine pressure monitoring system	Bangjun Lei
(73) Fassat Intellectual Property B.V.	(73) DAF Trucks N.V.	Qiang Huang
	(72) Maarten Robertus Ingmar Nieuwenhuijze	Ping Xia
	Luc Hubertus Josephina Worms	Feng Wang
	(74) ir. H.A. Witmans c.s.	Qiang Ren
	(51) F04B 35/00	(74) ir. W.J.J.M. Kempes
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(73) Institute of Fisheries Science, Tibet Academy of Agricultural and Animal Husbandry Sciences
(72) Fei Liu
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(73) Pearl River Hydraulic Research Institute, Pearl River Water Resources Commission of the Ministry of Water Resources
(72) Xia Liu
Xiaowei Zhu
Shijun Wang
Qinqin Liu
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Chunhua Huang
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(54) DIGITAL CORE SIMULATION BASED AND COMPUTER IMPLEMENTED METHOD FOR EVALUATING BRITTLENESS OF SHALE OIL AND GAS RESERVOIR
(73) Chongqing University Of Science & Technology
(72) Min Wang
Xiaoxue Xia
Fuqiang Lai
Haitao Wang
Xianfeng Tan
Ruyue Wang
Zhaohui Huang
JianPing Yan
Junlei Su
Yuejiao Liu
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(54) METHOD AND SYSTEM FOR DETERMINING GEOSTEERING IRREGULAR OBSERVATION SYSTEM
(73) Institute of Geology and Geophysics, Chinese Academy of Sciences
(72) Jiaru Zou
Shoudong Huo
Shengqiang Mu
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Xuhui Zhou
Liang Huang
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(54) HIGH-FREQUENCY GROUND WAVE RADAR DATA QUALITY EVALUATION METHOD, DEVICE AND EQUIPMENT
(73) WUHAN UNIVERSITY
(72) Songlin Dong
Xiongbin Wu
Xianchang Yue
Yubin Gao
Lan Zhang
(74) ir. M.B. Plaggenborg
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(73) MOOS International B.V.
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(54) PEER-TO-PEER ELECTRIC ENERGY SHARING METHOD BETWEEN USERS
(73) Qingdao University of Technology
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(54) METHOD AND DEVICE FOR DETERMINING VEGETATION RESTORATION AND CONSTRUCTION REGIONS OF COASTAL BEACH WETLANDS
(73) Satellite Application Center for Ecology and Environment, MEE
(72) Shoujing Yin
Li Huang
Hongyan Yang
Qian Zhao
Chen Wang
Xuelei Wang
Wandong Ma
Yaqiong Zhang
Nan Wang
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(54) Schaalbaar computervisie monitorsysteem voor een

<p>plantenkweekomgeving omvattende sensorunits in een vermaasde netwerk (73) Mu-G Knowledge Management BV (72) Bram Tijmons Kevin van Hecke Wouter van den Hof Sjoerd Tijmons</p> <hr/> <p>(51) G07F 17/32 (11) 2031960 (47) 28.11.2023 (22) 23.05.2022 (54) Amusement machine of the pusher type (73) Elaut NV (72) Eric Verstraeten (74) dr. ir. G.J.C. Verdijck c.s.</p> <hr/> <p>(51) G16B 30/10 G16H 10/40 G16H 50/20 (11) 1044338 (47) 28.11.2023 (22) 23.05.2022 (54) Sequence based screening tool for microbial entities in biological samples (73) HORIZON TECHNOLOGY BV (72) MSc Troy Maasland PhD Evgeni Levin</p> <hr/> <p>(51) H01L 31/0216 H01L 31/0224 H01L 31/0747 H01L 31/0236 H01L 31/18 (11) 2031897 (47) 24.11.2023 (22) 17.05.2022 (54) Localized passivated contacts for Solar Cells (73) Technische Universiteit Delft (72) Paul Alejandro Procel Moya Olindo Isabella (74) drs. P.A. van Essen c.s.</p> <hr/> <p>(51) H01M 4/04 H01M 4/134 H01M 4/1395 H01M 4/36 H01M 4/38 H01M 4/66 H01M 10/04 H01M 10/0525 H01M 12/08 (11) 2031863 (47) 23.11.2023 (22) 16.05.2022 (54) Electrode with graded alloy layer, battery and method (73) LionVolt B.V. (72) Freddy Roozeboom Sandeep Unnikrishnan Sathiyaraj Kandhasamy Bihag Anothumakkool (74) ir. H.A. Witmans c.s.</p> <hr/> <p>(51) H01R 13/52 H01F 27/04 H01B 17/00 (11) 2031886 (47) 24.11.2023 (22) 17.05.2022</p>	<p>(54) PROTECTION COVER, METHOD OF INSTALLING THEREOF AND METHOD OF PERFORMING MAINTENANCE THEREWITH (73) Alfen B.V. (72) Pieter van Weerdhuizen (74) dr. ir. G.J.C. Verdijck c.s.</p> <hr/> <p>(51) H02J 3/00 G06Q 30/0201 G06Q 50/06 H02J 3/48 (11) 2031923 (47) 27.11.2023 (22) 18.05.2022 (54) Model design and pricing method of regional power capacity market considering cross-regional tie-line constraints (73) Xi'an Jiaotong University (72) Haocheng Zhang Yuankang He Tao Ding Chenggang Mu Yiyang Zhang Li Li Chao Zhu Li Xu Xiaojun Li (74) ir. W.J.J.M. Kempes</p> <hr/> <p>(51) H03H 21/00 (11) 2031941 (47) 27.11.2023 (22) 19.05.2022 (54) VARIABLE-PARAMETER ZERO-ATTRACTING LEAST MEAN SQUARE SYSTEM FOR IDENTIFICATION OF SPARSE SYSTEMS (73) Shenyang University of Technology (72) Ying Guo Yanmei Bai (74) ir. M.B. Plaggenborg</p> <hr/> <p>(51) H04N 1/00 G06T 5/50 (11) 1044332 (47) 24.11.2023 (22) 17.05.2022 (54) Method for improved scanning of a photographic emulsion (73) Felixsonip B.V. (72) R.J.Geluk (74) ir. A. Blokland c.s.</p> <hr/> <p>(51) H04R 7/04 (11) 2031944 (47) 27.11.2023 (22) 20.05.2022 (54) TUNING SPRING MASS RESONATOR OF LOUDSPEAKER IN MOBILE DEVICE (73) Microsoft Technology Licensing, LLC (72) Christian Lorenz Kalle Ilari Makinen Tuomas Erkki Niemi Eric Andrew Simpson (74) ir. J.C. Volmer c.s.</p> <hr/>
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Contains data concerning Netherlands patents which have been entered in the patent
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Contains data concerning translations of the claims of European patent applications.

EP2

Voor Nederland verleende Europese octrooien.

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(72) BARANEK, Austin	(21) EP13831620.3	(21) EP19820058.6
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MOLYNEUX, James	27.02.2014	19.12.2019
ORME, Kristen E.	(22) 21.08.2013	(22) 14.06.2019
ST. CLAIR, Margaret P.	(54) ELECTRONICALLY CUSTOMIZABLE ARTICLES	(54) DECORATION MEMBER
ZHAO, Yang	(73) Pond, Renee	(73) LG CHEM, LTD.
(31) 201962939110 P	(72) Pond, Renee	(72) KIM, Yong Chan
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(32) 22.11.2019	(33) United States of America	SHON, Jeong Woo
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(33) United States of America	(11) EP3854251	20180069234
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(51) A43D 25/06	(87) JP2019046086	(33) Korea (Republic)
A43D 25/18	03.06.2021	Korea (Republic)
(11) EP3854251	(22) 26.11.2019	
(21) EP19927576.9	(54) SHOE PROCESSING SYSTEM, AND METHOD FOR CONTROLLING SHOE PROCESSING SYSTEM	(51) A45D 33/18
(47) 29.11.2023	(73) ASICS Corporation	B65D 1/02
(87) JP2019046086	(72) IWASHITA, Naoto	B29C 45/00
03.06.2021	YAMADE, Takashi	A45D 34/00
(22) 26.11.2019	WAKASUGI, Shinsaku	C08L 101/00
(54) SHOE PROCESSING SYSTEM, AND METHOD FOR CONTROLLING SHOE PROCESSING SYSTEM	(51) A44C 15/00	A45D 40/00
(73) ASICS Corporation	G04B 37/04	B44F 1/14
(72) IWASHITA, Naoto	(11) EP4023100	C03C 17/36
YAMADE, Takashi	(21) EP21155384.7	C03C 17/38
WAKASUGI, Shinsaku	(47) 29.11.2023	C03C 17/42
(51) A44C 15/00	(22) 05.02.2021	C08J 7/04
G04B 37/04	(54) REVERSIBLE TIMEPIECE	C08J 7/18
(11) EP4023100	(73) Nove Limited	G02B 5/13
(21) EP21155384.7	(72) MEEROVITSCH, Alexander	(11) EP3808206
(47) 29.11.2023	(31) 32020022874	(21) EP19818683.5
(22) 05.02.2021	(32) 29.12.2020	(47) 29.11.2023
(54) REVERSIBLE TIMEPIECE	(33) Hong Kong	(87) KR2019007241
(73) Nove Limited	(51) A45C 11/00	19.12.2019
(72) MEEROVITSCH, Alexander	A45C 13/02	(22) 14.06.2019
(31) 32020022874	A45C 11/24	(54) DECORATION MEMBER
(32) 29.12.2020	G06F 1/16	(73) LG CHEM, LTD.
(33) Hong Kong	G02B 27/01	(72) KIM, Yong Chan
(51) A45C 11/00	H02J 7/00	KIM, Ki Hwan
A45C 13/02	H04M 1/04	HEO, Nansra
A45C 11/24	G06F 3/01	SHON, Jeong Woo
G06F 1/16	(11) EP4088167	JO, Pilsung
G02B 27/01	(21) EP20701667.6	(31) 20180132066
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(21) EP20701667.6	(54) A VIRTUAL REALITY OR AUGMENTED REALITY HEADSET ACCESSORY FOR FACILITATING CONTROLLED VIEWING EXPERIENCES IN MOBILE ENVIRONMENTS	Korea (Republic)
(47) 29.11.2023	(73) Drozdowska, Magdalena	(51) A45F 3/16
(87) IB2020050092	(72) Drozdowska, Magdalena	B65D 1/02
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(54) A VIRTUAL REALITY OR AUGMENTED REALITY HEADSET ACCESSORY FOR FACILITATING CONTROLLED VIEWING EXPERIENCES IN MOBILE ENVIRONMENTS		F25D 3/08
(73) Eden Immersive Limited		F25D 31/00
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(47) 29.11.2023	YANG, Shun-Ho	NIIMURA, Naoya
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(54) A CONTAINER CONSTRUCTION	(32) 18.10.2019	(21) EP18178596.5
(73) Sub Zero International Limited	(33) Taiwan, Chinese Taipei	(47) 29.11.2023
(72) GREER, Alexander Townshend	(51) A47B 88/493	(22) 19.06.2018
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(32) 06.02.2018	(21) EP21755435.1	MATTRESS WITH INTEGRATED
(33) New Zealand	(47) 29.11.2023	CUSHIONING PADS
(51) A46B 9/02	(87) EP2021071658	(73) Starsprings AB
A45D 34/04	17.02.2022	(72) Stjerna, Nils Eric
A46B 3/08	(22) 03.08.2021	(51) A47F 3/04
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(22) 04.10.2019	MEYER, Helmut	(87) EP2021052184
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PRODUCT, IN PARTICULAR A	(32) 13.08.2020	(22) 29.01.2021
VARNISH, ON NAILS	(33) Germany	(54) A REFRIGERATED DISPLAY CASE
(73) Sorini E Migliavacca SPA	(51) A47B 88/95	(73) Wirth Research Limited
(72) TARABOTTI, Paolo	(11) EP3666120	(72) WIRTH, Nicholas J.P.
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(51) A46B 13/00	(54) DRAWER FRONT COUPLING DEVICE	(51) A47G 9/10
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VEHICLE WASH MEDIA ELEMENT	A47C 7/74	MULTIPLE POROSITY PORTS
(73) Belanger, Inc.	A47C 13/00	(73) Bedgear, LLC
(72) BELANGER, Michael	A61H 33/06	(72) ALLETTO, JR., Eugene
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(22) 25.10.2018	(32) 03.09.2018	(72) CHUANG, Yi-Min
(54) ELECTRICALLY ADJUSTABLE ITEM	(33) European Patent Office (EPO)	CHANG, Chih-Ching
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DRIVE MOTORS	A47C 3/025	(32) 04.10.2018
(73) Laing, Karsten	(11) EP3868256	(33) Taiwan, Chinese Taipei
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(33) Germany	23.04.2020	(47) 29.11.2023
(51) A47B 88/443	(22) 19.10.2018	(22) 18.12.2020
H05K 7/14	(54) CHAIR	(54) DEVICE FOR HOLDING STRAWS
A47B 57/40	(73) Kokuyo Co., Ltd.	(73) Blaufelder, Daniel
A47B 88/423	Takano Co., Ltd.	Hofmann, Tim Lukas
(11) EP3808215	(72) KINOSHITA, Yojiro	Hennebach, Sven
(21) EP20167093.2	HAYASHI, Katsuaki	(72) Blaufelder, Daniel
(47) 29.11.2023	SUGANO, Takao	Hofmann, Tim Lukas
(22) 31.03.2020	ASANO, Kenta	Hennebach, Sven
(54) SLIDE RAIL ASSEMBLY	KANO, Takayoshi	(31) 102020007991
(73) King Slide Works Co., Ltd.	SHIOZAWA, Kenta	(32) 21.02.2020
King Slide Technology Co., Ltd.	NAKAMURA, Kensuke	(33) Germany

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(31) 201911219787	(21) EP20851975.1	AGENT AND/OR A RINSING AGENT,
(32) 28.11.2019	(47) 29.11.2023	ASSOCIATED WITH A DOOR OF A
(33) China	(87) CN2020108597	WASHING MACHINE, IN PARTICULAR
(51) A47L 9/02	18.02.2021	A DISHWASHER
A47L 9/04	(22) 12.08.2020	(73) ELBI International S.p.A.
(11) EP4117495	(54) ROBOTIC TOOL WITH A CONNECTING	(72) RAVEDATI, Paolo
(21) EP21707892.2	DEVICE	BECCHIO, Marco
(47) 29.11.2023	(73) Globe (Jiangsu) Co., Ltd.	GARETTO, Luca
(87) CZ2021000006	(72) BUI, Van Cuong	POMPA, Alessandro
16.09.2021	LI, Wanghao	(31) 202000006559
(22) 09.02.2021	CAO, Jin	(32) 30.03.2020
(54) CLEANING DEVICE, IN PARTICULAR	GAO, Jie	(33) Italy
FOR ROBOTIC VACUUM CLEANERS	(31) 201910738140	(51) A47L 15/44
(73) Lébl, Pavel	(32) 12.08.2019	D06F 39/02
(72) Lébl, Pavel	(33) China	A47L 15/48
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Czech Republic	(47) 29.11.2023	(73) Miele & Cie. KG
(51) A47L 11/202	(22) 17.03.2022	(72) Wegener, Dirk
A47L 11/40	(54) DEVICE FOR RELEASING AND	Hils, Fabian
A47L 5/30	DETACHING A FLOOR CLEANING	Nitsche, Peter
A47L 9/04	CLOTH FROM THE SUPPORT BASE	Spießl, Georg
(11) EP3206547	RETAINING IT	(31) 202105296
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(22) 05.10.2015	(33) Italy	(21) EP21163847.3
(54) SURFACE-CLEANING MACHINE	(51) A47L 15/42	(47) 29.11.2023
(73) Alfred Kärcher SE & Co. KG	A47L 15/00	(22) 22.03.2021
(72) MOSER, Fabian	(11) EP2818091	(54) ENDOSCOPE ADAPTOR
RUFENACH, Christoph	(21) EP14182428.4	(73) Medicaroid Corporation
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MÜLLER, Andreas	(22) 11.04.2012	BETSUGI, Shota
SCHULZE, Manuel	(54) Dishwasher	(31) 2020189407
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(33) Germany	Han, Jungyoup	A61B 1/04
Germany	(31) 20110137519	A61B 1/313
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(47) 29.11.2023	19.12.2011	USING AN INTRALUMINAL
(22) 31.07.2020	12.04.2011	ELECTROMAGNETIC WORKING
(54) MOBILE ROBOT	(33) Korea (Republic)	CAPSULE
(73) LG Electronics Inc.	Korea (Republic)	(73) Nivat Medical Device Ltd.
(72) JANG, Jaewon	Korea (Republic)	(72) Sadan, Nir
KIM, Youngbin	Korea (Republic)	(31) 25832318
LEE, Yeongjae	(51) A47L 15/42	(32) 22.03.2018
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F16C 11/06	A DISPENSER SYSTEM FOR A	(73) Richard Wolf GmbH
(11) EP4015851	DETERGENT, SUCH AS A WASHING	(72) Weber, Bernd-Claus

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(47) 29.11.2023	(73) Hoya Lens Thailand Ltd.	A61B 5/024
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(73) Anqing Medical Co., Ltd	(51) A61B 3/14	03.05.2018
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A61B 17/29	(11) EP3182881	BOARDS, AN IC ELEMENT AND
(11) EP3590411	(21) EP15833264.3	AN OPTICAL ELEMENT UNIT IN A
(21) EP18763195.7	(47) 29.11.2023	STACKED CONFIGURATION
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(87) KR2018002629	25.02.2016	(72) HAN, Seon-Ho
13.09.2018	(22) 20.08.2015	KIM, Tae-Gyun
(22) 06.03.2018	(54) SYSTEMS FOR MONITORING EYE	LEE, Jun-Hui
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(73) Industry-University Cooperation	(73) California Baptist University	(32) 28.10.2016
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(72) YI, Byung-Ju	(31) 201462039847 P	A61B 5/053
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A61B 1/00	(47) 29.11.2023	(54) DEVICE FOR USE IN DETERMINING A
(11) EP3824791	(87) FI2019050627	HYDRATION AND/OR LIPID LEVEL OF
(21) EP19838818.3	19.03.2020	SKIN
(47) 29.11.2023	(22) 04.09.2019	(73) Koninklijke Philips N.V.
(87) JP2019024907	(54) ALIGNMENT MEANS OF	(72) VARGHESE, Babu
23.01.2020	MEASUREMENT INSTRUMENT	SPOORENDONK, Wouter, Hendrik,
(22) 24.06.2019	(73) Icare Finland Oy	Cornelis
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(54) MEDICAL DEVICE FOR CAUSING THE HEMOSTASIS OF A BLOOD VESSEL	(54) THERMALLY SENSITIVE RETENTION MECHANISM FOR ORTHOPEDIC CUTTING INSTRUMENTS	(22) 28.09.2018 (54) RETRIEVAL SYSTEM
(73) Micro-Tech (Nanjing) Co., Ltd. (72) KUHN, Daniel	(73) Viant AS&O Holdings, LLC (72) MUFFOLETTO, Mark T. ANASTASIA, Kari L.	(73) Ceretrieve Ltd. (72) HARARI, Shahar FELD, Tanhum MUSTAFA, Maysa
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(54) APPARATUS FOR CONTROLLING FOOD FLOW THROUGH THE STOMACH OF A PATIENT	(54) HAPTIC VOLUMES FOR REAMING DURING ARTHROPLASTY	(54) CATHETER FOR ASPIRATION, FRAGMENTATION AND REMOVAL OF REMOVABLE MATERIAL FROM HOLLOW BODIES
(73) Implantica Patent Ltd. (72) FORSELL, Peter (31) 960715 P (32) 11.10.2007 (33) United States of America	(73) Mako Surgical Corp. (72) RANAWAT, Amar PAGNANO, Mark DORR, Lawrence JONES, Richard LANDECK, Danielle THOMPSON, Matt IORGULESCU, Radu BASSIK, Reneh ODERMATT, Daniel	(73) Straub Medical AG (72) KASIRI GHAHI, Saeid ZENDEHBAD, Mohsen REGAIG, Abdallah BAHNMUELLER, Bruno (31) 19206321 (32) 30.10.2019 (33) European Patent Office (EPO)
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(54) CLOSURE DEVICE WITH FIXED JAW HOOK	(51) A61B 17/20 A61B 17/22 A61B 17/32 A61B 18/14 A61M 5/14 A61M 25/01 A61M 25/09 A61M 29/02 A61B 17/3203	(54) SURGICAL INSTRUMENT WITH FUNCTION SELECTOR
(73) Boston Scientific Scimed, Inc. (72) SMITH, Paul JAGELSKI, Matthew R. SUON, Naroun MCELWEE, Kevin J. RYAN, Shawn SEKULIC, Alex	(31) 201113173868 (32) 30.06.2011 (33) United States of America	(73) Ethicon LLC (72) RIESTENBERG, Paul F. BOYD, Benjamin M. GEE, Jacob S. SCHEIB, Charles J. GALLMEYER, Thomas C. KRAMER, Katelynn ASHER, Ryan M. MUHLENKAMP, Tylor C. STROBL, Geoffrey S. MONROE, David A. FALLER, Craig N.
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(11) EP3763298 (21) EP19185556.8 (47) 29.11.2023 (22) 10.07.2019	(11) EP2967598 (21) EP14774675.4 (47) 29.11.2023 (87) US2014022511 02.10.2014 (22) 10.03.2014 (54) HYDRODYNAMIC ECCENTRICALLY PIVOTING CATHETER	(73) Ethicon LLC (72) RIESTENBERG, Paul F. BOYD, Benjamin M. GEE, Jacob S. SCHEIB, Charles J. GALLMEYER, Thomas C. KRAMER, Katelynn ASHER, Ryan M. MUHLENKAMP, Tylor C. STROBL, Geoffrey S. MONROE, David A. FALLER, Craig N.
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A61C 1/12	MORRISSETTE, Tyler J.	A61B 17/16
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(54) HANDSWITCH AND CONNECTOR FOR POWERED SURGICAL HANDPIECE	(11) EP3525700	(73) Biedermann Technologies GmbH & Co. KG
(73) Stryker European Operations Limited	(21) EP17860887.3	(72) BIEDERMANN, Timo
(72) MAC AN TUILE, Conor	(47) 29.11.2023	BIEDERMANN, Markku
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(54) MEDICAL DEVICE FOR THE DELIVERY OF THERAPEUTIC FORMULATIONS	(22) 01.04.2020	

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A61M 27/00	(73) Dental Imaging Technologies Corporation	A61C 13/10
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(72) SHULER, Michael Simms	(87) US2019034647	(31) PA201670792
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LEINGANG, Evan	(54) METHODS AND SYSTEM FOR	(51) A61C 13/00
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(33) United States of America	(72) FRANTZ, Joseph Lee	(11) EP3593754
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A61M 25/00	(51) A61C 8/00	DENTURE COMPRISING A DOUBLE
(11) EP3970653	(11) EP3267928	CROWN COMPRISING AN INTERNAL
(21) EP20382831.4	(21) EP16707488.9	CROWN AND AN EXTERNAL CROWN
(47) 29.11.2023	(47) 29.11.2023	(73) 3Shape A/S
(22) 21.09.2020	(87) EP2016054561	(72) FISKER, Rune
(54) DEVICE FOR NON-INVASIVE	15.09.2016	CLAUSEN, Tais
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MACHINE THEREOF	G01N 21/95	(51) B29B 7/18
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(73) HIB Trim Part Solutions GmbH	(73) Anton, Mark A.	H02G 3/30
(72) SONNLEITNER, Tobias	(72) Anton, Mark A.	H02G 3/32
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(73) Bentley Motors Limited (72) BOWEN, George Channing (31) 201818230 (32) 08.11.2018 (33) United Kingdom	(51) B62D 21/11 B62D 21/15 (11) EP3808635 (21) EP19203916.2 (47) 29.11.2023 (22) 17.10.2019 (54) MOTOR VEHICLE PROVIDED WITH A RELEASE SYSTEM FOR UNCOUPLING	(31) 2019160536 (32) 03.09.2019 (33) Japan <hr/> (51) B62D 35/00 (11) EP4079612 (21) EP22176461.6 (47) 29.11.2023 (22) 03.04.2019 (54) ACTIVE FRONT DEFLECTOR - FLAT PANEL
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(54) ELECTRIC POWER STEERING APPARATUS	(72) CATENA, Luigi ARBIZZANI, Marco ÖZTÜRK, Tayfun	(73) Magna Exteriors Inc. (72) MATTHEWS, Martin R. LINDBERG, Braendon R. WANG, Yao
(73) Mitsubishi Electric Corporation (72) ASAO Yoshihito ONISHI Yoshihiko UDO Toyoaki	(51) B62D 25/02 B62D 27/02 (11) EP3798102 (21) EP20196627.2 (47) 29.11.2023 (22) 17.09.2020	(31) 201862651859 P (32) 03.04.2018 (33) United States of America <hr/> (51) B62D 53/00 B60D 1/00 B60D 5/00 B62D 47/00
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(73) Nuctech Company Limited	FISCHER, Alan	(72) TIAN, Yu
Tsinghua University	FISCHER, Andrew	(31) 201811013977
(72) WANG, Qiangqiang	JASINSKI, Ben	201821428324 U
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LI, Yulan	(32) 03.02.2020	China
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ZHOU, Hejun	B62K 21/26	10.10.2019
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(51) B62H 7/00	ALTERATION	AUV USING A UAV
B62K 5/10	(73) Vökl Patente GmbH & Co. KG	(73) Birdview AS
B62J 45/40	(72) Vökl, Thomas	(72) SHARIFFIASL, Pouyan
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(73) SRAM, LLC	(51) B63B 32/55	(32) 23.09.2019
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(73) Yara Marine Technologies AS	MÜLLER, Wolfgang	B60T 8/26
(72) IDESKOG, Linus	(31) 102020129818	B60T 8/32
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(22) 31.12.2021	(54) PROPELLER BLADE ANGLE	(72) GAMA, Miguel Angel
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(73) Airbus Helicopters	(21) EP18167029.0	FISCHER, Christian
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DUHAMEL, Jérémy	(54) SYSTEM AND METHOD FOR	FICHTER, Walter
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(51) B64C 39/02	(73) Butterfly Flexible Seating Solutions Limited	(51) B64D 33/08
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(73) Samsung Electronics Co., Ltd.	(73) Safran Seats	(73) Safran Electrical & Power
(72) KANG, Yonghun	(72) LAYET, Julien	(72) CASTELLI, Christophe
PARK, Junho	FOSSET, Julien	MESNIL, Valentin Antoine Maxime
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(73) Safran Seats	F02K 1/00	(51) B64U 10/13
(72) CAZALIS, Olivier	F02K 1/10	B64U 10/25
LIGONNIERE, Laurent	(11) EP4045409	H02P 5/00
VARNIER, Julien	(21) EP20797832.1	B64U 30/10
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G01N 35/04	(31) 102021107386	SHIELDS
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(47) 29.11.2023	(51) B65B 61/24	VALENTINE, Ethan Edward
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China	C02F 103/34	KAMADA, Kouji
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conditioning cell	C10L 9/10	(72) NIEDRIG, Christian
(73) Future Environmental Technologies Ltd	C10L 5/46	RITZBERGER, Christian

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DISPERSANT	GEBOERS, Eric	GmbH
(73) Teknologian Tutkimuskeskus VTT Oy	(31) 2020447	thyssenkrupp AG
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(INSERM)	PSYCHIATRIC DISORDERS AND/OR	(72) RASMUSSEN, Kaare, G.
UNIVERSITÉ CÔTE D'AZUR	SLEEP DISORDERS	EGEBRO, René
CENTRE NATIONAL DE LA	(73) Aché Laboratórios Farmacêuticos S.A.	JENSEN, Klaus, Snej
RECHERCHE SCIENTIFIQUE	(72) RUCH WERNECK GUIMARÃES,	LOBATO, Kiara
Centre Hospitalier Universitaire de Nice	Cristiano	SHARP, Lorraine
(72) PASSERON, Thierry	FELYPE ZANETI DE AZEVEDO, Hatylas	(31) 21186075
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(72) WOLF, William	C08G 18/78	(72) JASSELIN, Adeline
LIU, David Shin-Ren	C08G 18/80	JEAN-BAPTISTE-DIT-DOMINIQUE, François
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(72) YAMASHITA, Tatsuya	B29B 9/16	POXSON, David J.
NAKAGAWA, Toshihiko	C08J 3/12	ABRAHAMSSON, Tobias Freddie
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COMPOSITION	GAO, Wei	COMPOSITE RESIN PARTICLES
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(72) NILSSON, Susanne	(51) C08L 33/08	(72) LOCCUFIER, Johan
KARLSSON, Victoria	C08L 33/10	LOUWET, Jos
SULTAN, Bernt-Åke	C08F 216/16	
RIBARITS, Elisabeth	C09D 153/00	(51) C08L 67/04
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EFRAIMSSON, Lars	(21) EP18897675.7	C08G 63/60
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(54) POLYESTER RESIN COMPOSITION	C08L 97/00	STATE IMAGE CAPTURING ELEMENT
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(72) SATAKE, Yuichiro	(47) 29.11.2023	SASAKI, Daisuke
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(54) LID WITH CLOSURE	(22) 11.10.2021	Ricciardi, Lee Michele
(73) Samson Aktiengesellschaft	(54) BEARING ASSEMBLY, ASSOCIATED	(72) Hobbs, James
(72) HABERMANN, Frank	METHOD OF DAMPING, AND DAMPER	Ricciardi, Lee Michele
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(51) F16H 61/4035	F16K 1/44	F15B 13/04
F16H 61/4061	F16K 31/06	F16K 27/08
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(87) FR2020052320	(47) 29.11.2023	THAT IS COVERED WITH A CAP
24.06.2021	(22) 11.02.2021	HAVING A ROTATION SPACE FITTING
(22) 07.12.2020	(54) VALVE ASSEMBLY AND SWITCHING	FREELY OVER A NUT AND A FEMALE
(54) IMPROVED OPEN HYDRAULIC	VALVE FOR CONTROLLING A MASS	THREADED PORTION SCREWED
ASSISTANCE SYSTEM	FLOW	ONTO THE SET SCREW
(73) Poclairn Hydraulics Industrie	(73) Otto Egelhof GmbH & Co. KG	(73) ASCO CONTROLS B.V.
(72) D'HERSIGNERIE, Cyrille	(72) Willers, Eike, Dr.	(72) BAKKER, Henk
TAXIL, Loris	Auweder, Andreas	van de HAAR, Willem
PATTE, Christophe	Lang-Belz, Markus	VAN KOMMER, Robbie
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(73) MST Innovation GmbH	12.03.2021	(22) 22.07.2020
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STREICH, Carmen	Germany	(73) RTX Corporation
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(33) Germany	F16L 13/02	(31) 201916521122
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(21) EP19203032.8	(21) EP21192599.5	(11) EP3569909
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(73) Hochschule Trier	TURBINE ENGINE	(54) MISALIGNMENT FLANGE FOR
(72) EHLENZ, Tobias	(73) PRATT & WHITNEY CANADA CORP.	PIPELINE INSTALLATIONS
WITTMANN, Armin	(72) MISKIE, Ryan	(73) Freudenberg Oil & Gas, LLC
ROBERT, Dietmar	MORENKO, Oleg	(72) Stobbart, John
SAUER, Tobias	(31) 202016999135	Sheehan, Michael
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F16L 9/133	F16L 23/20	F16L 55/00
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(54) FIBRE REINFORCED POLYMER	(54) NON-MONOLITHIC VACUUM	(54) FLUID MANIFOLD
COMPOSITE PIPES AND METHOD OF	CHAMBER FOR CARRYING OUT	(73) Saint-Gobain Performance Plastics
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(73) Crompton Technology Group Limited	OR FOR RECEIVING VACUUM	(72) ZOELLNER, Clemens E.
(72) PETHICK, Jon	COMPONENTS	OSENTOSKI, Jason
BERNARD, James	(73) VACOM Vakuum Komponenten &	(31) 201762572119 P
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(73) Augusta	(87) EP2021085427	(33) Germany
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(33) France	ASSEMBLY COMPRISING AN IMPACT	G21F 9/04
(51) F16L 11/20	CYLINDER AND A HOLDING FLANGE	F16L 53/38
F16L 11/15	CONNECTED TO A SUPPORT BODY	G21F 9/06
F16L 11/12	(73) Rosink-Werkstätten GmbH	G21F 9/08
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And Design Organisation "Gidropress"	(33) Germany	(72) Manojlovic, Daniel
Awarded The Order of The Red Banner	(51) F17C 3/08	Höfferer, Andreas
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(72) GAVRILIN, Viktor Alekseevich	B65D 90/06	(51) F21K 9/20
STREBNEV, Aleksandr Nikolaevich	F17C 3/04	B05D 3/06
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(72) ASTAFYEVA, Ksenia	(11) EP4071399	Optoelectronics Co. Ltd.
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(32) 16.10.2020	(54) CONTAINER FOR PRESSURISED	GONG, Xiaoxiao
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(22) 19.08.2019	(31) 2103535	China
(54) AUDIO ENHANCEMENTS IN MOTOR-	(32) 07.04.2021	(51) F21L 4/00
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(73) GoPro, Inc.	(51) F17C 13/04	F21V 15/01
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(33) United States of America	(33) United Kingdom	(72) Li, Wenjie
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(22) 22.06.2016	(22) 17.09.2019	(21) EP21814246.1
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(73) DAI NIPPON PRINTING CO., LTD.	USE IN A LIGHTING DEVICE FOR A	(87) IL2021050610
(72) KURASHIGE Makio	MOTOR VEHICLE	02.12.2021
(31) 2015124997	(73) Volkswagen AG	(22) 24.05.2021
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(32) 22.06.2015	STUDENY, Christian	COMPOUND LIGHT-GUIDE OPTICAL
22.06.2015	(31) 102018215988	ELEMENTS
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Japan	(33) Germany	(72) GRABARNIK, Shimon
(51) F21S 8/04	(51) F21S 43/14	EISENFELD, Tsion
F21V 17/16	F21S 43/237	(31) 202063029500 P
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F21V 19/00	F21S 43/241	(33) United States of America
F21Y 103/10	B60Q 1/00	(51) F23B 60/02
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(11) EP3924664	F21S 43/249	F23C 7/00
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(54) ARRANGEMENT FOR EMITTING	(22) 13.08.2020	09.04.2020
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GUIDING ELEMENT	LAMP, AND VEHICLE	(54) FIRE COLUMN
(73) Zumtobel Lighting GmbH	(73) Valeo Vision	(73) Kaiser, Thomas
(72) KOHLER, Christian	(72) ZHAO, Yakun	Wassermann, Christian
PIEPER, Stephan	ZHANG, Piao	(72) Kaiser, Thomas
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(32) 13.02.2019	NING, Xiao	(31) 202018004601 U
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F21S 41/24	(32) 28.08.2019	F23L 7/00
F21S 41/26	(33) China	F23C 99/00
F21S 41/32	(51) F21S 43/237	F23D 14/78
F21S 41/37	F21S 41/24	F23J 15/02
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F21S 41/663	F21S 41/36	B01D 53/86
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(47) 29.11.2023	F21S 43/40	B01D 53/94
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F21S 43/40	AKIYAMA, Kyouhei	Germany
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F23N 3/08	(22) 02.10.2020	(22) 03.10.2017
F23N 3/02	(54) MOUNTING A CERAMIC COMPONENT	(54) AIR CONDITIONER INDOOR UNIT
F23N 3/00	TO A NON-CERAMIC COMPONENT IN	(73) Hitachi-Johnson Controls Air
B60H 1/00	A GAS TURBINE ENGINE	Conditioning, Inc.
F24H 1/00	(73) RTX Corporation	(72) KUMAMOTO Kosuke
F24H 1/20	(72) KRAMER, Stephen K.	TANAKA Yukinori
F24H 1/52	(31) 201916591841	AWANO Masakazu
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(22) 01.10.2019	(33) United States of America	(73) Robert Bosch GmbH
(54) ROTARY REGENERATIVE BURNER	(51) F24C 15/20	(72) Macedo, Filipe
(73) Jasper GmbH	F24C 15/10	Clay, Alister
(72) LUDEWIG, Jörn Kurt	(11) EP3599427	(31) 102021104611
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(72) Pignone, Enrico	F28F 9/26	(51) F24F 8/117
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(54) TORCH IGNITER WITH COOLING	(73) Korado a. s.	(21) EP20212068.9
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(72) RYON, Jason	(32) 12.03.2018	(54) APPARATUS FOR BOTH
PROCIW, Lev Alexander	(33) Czech Republic	HUMIDIFICATION AND AIR CLEANING
(31) 202017089254	(51) F24F 1/00	(73) LG Electronics Inc.
(32) 04.11.2020	F24F 13/22	(72) JUNG, Jaehyuk
(33) United States of America	F24F 1/0063	YANG, Seungdeok
(51) F23R 3/00	(11) EP3438559	CHOI, Seokho
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(73) Daikin Industries, Ltd.	(87) EP2020077919	(51) F25B 1/00
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F24F 1/56	201962916022 P	ITO, Takuya
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(54) VENTILATION CLIMATE SYSTEM	(33) United States of America	F25B 39/00
AND METHOD FOR CONTROLLING A	United States of America	F25B 40/00
VENTILATION CLIMATE SYSTEM	United States of America	F25B 41/20
(73) Eco Climate Technologies B.V.	United States of America	F25B 41/30
(72) Tulp, Cornelis Henderikus	(51) F24S 25/61	F25B 49/02
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(51) F24F 13/06	F24S 25/615	(54) REFRIGERATION CYCLE DEVICE
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F24F 13/14	F24S 25/60	(72) NAKAMURA, Shin
F24F 13/20	F24S 25/00	(51) F25B 21/00
F24F 7/06	(11) EP3695171	(11) EP3845829
F24F 13/02	(21) EP18865946.0	(21) EP19866131.6
F24F 3/044	(47) 29.11.2023	(47) 29.11.2023
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(54) AIR FLOW CONTROL MEMBER	SIDE-MOUNT ADAPTER FOR	(73) DAIKIN INDUSTRIES, LTD.
(73) Atlantic Climatisation et Traitement d'Air	DIRECT AND INDIRECT MOUNTING	(72) TANAKA Mitsuhiko
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(72) HUSCENOT, Jeremie	(73) RMH Tech LLC	(32) 27.09.2018
MEASSON, Mathieu	(72) LEITCH, Paul Benjamin	(33) Japan
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F25C 5/12	(72) UEHARA Yoshikazu	(73) Samsung Electronics Co., Ltd.
F25D 11/00	MIZUTANI Kazuhide	(72) JEONG, Hyun Ku
F25C 5/20	IGA Norio	KIM, Dae Hwan
(11) EP3786549	IKEMIYA Makoto	JEONG, Hee Soo
(21) EP19821736.6	(31) 2017022210	JUNG, Moon Il
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(22) 04.04.2019	F25D 23/06	(51) F25D 23/06
(54) ICE STORAGE BOX AND	(11) EP4015948	F16L 59/06
REFRIGERATOR HAVING SAME	(21) EP20871574.8	(11) EP3224559
(73) Hefei Hualing Co., Ltd.	(47) 29.11.2023	(21) EP15797595.4
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Midea Group Co., Ltd.	08.04.2021	(87) EP2015002107
(72) LIU, Zanxi	(22) 26.06.2020	02.06.2016
SHAO, Yang	(54) REFRIGERATION DEVICE FOR	(22) 23.10.2015
SI, Zengqiang	CONTAINERS	(54) VACUUM INSULATION BODY
WANG, Jincai	(73) Daikin Industries, Ltd.	(73) Liebherr-Hausgeräte Lienz GmbH
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(32) 19.06.2018	IKEMIYA, Makoto	GmbH
(33) China	MATSUI, Kazuyasu	(72) HIEMEYER, Jochen
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F25D 23/12	(32) 30.09.2019	KERSTNER, Martin
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(54) REFRIGERATION AND/OR FREEZER	(47) 29.11.2023	25.11.2014
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(73) Liebherr-Hausgeräte Lienz GmbH	12.09.2019	Germany
(72) LERCHER, Dominik	(22) 25.10.2018	Germany
STOCKER, Hannes	(54) REFRIGERATOR	(51) F25D 23/10
KÖFELE, Markus	(73) LG Electronics Inc.	F25D 23/00
(31) 102017000038	(72) KIM, Sungwook	A47B 77/08
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(11) EP3128266	F25B 49/02	REFRIGERATOR
(21) EP16450011.8	F25D 23/00	(73) Qingdao Haier Refrigerator Co., Ltd.
(47) 29.11.2023	F25D 11/04	Haier Smart Home Co., Ltd.
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KOO, Junhyo	(54) APPARATUS AND PROCESS FOR	F28D 1/02
SONG, Sanghyun	THERMAL TREATMENT OF MINERAL	F28D 21/00
LEE, Inguk	SOLIDS	(11) EP3812680
HWANG, Taehwan	(73) thyssenkrupp Polysius GmbH	(21) EP19382916.5
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BERGER, Alan D.	B66C 1/44	(73) HAIER Germany GmbH
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(51) F26B 21/04	(22) 29.11.2021	Petracek, Pavol
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(73) Allfest GmbH	F41H 13/00	United States of America
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(73) Canon Kabushiki Kaisha	(72) KAHROBAIYAN, Mohammad Hussein THALMANN, Etienne	SADI, Sajid
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(73) ABB Schweiz AG	B23D 59/00	WITH A PRODUCTION SYSTEM, USE
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COMPONENT IN A CONCATENATED	G06F 3/04847	(72) HOERNICKE, Mario
AUTOMATION ASSEMBLY	G06F 3/0354	STARK, Katharina
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(72) RIEDL, Wolfgang	(11) EP3542235	JETLEY, Raoul
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(72) Huang, Yu-Chin	G06F 3/042	H04N 21/4223
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(54) DUAL COMPOSITE LIGHT FIELD	MULTI-POWER DOMAIN CHIP	REAR-VIEW MIRRORS ON A VEHICLE
DEVICE	CONFIGURATION	(73) Seat, S.A.
(73) Magic Leap, Inc.	(73) Apple Inc.	(72) RODRIGUEZ BOSCH, Ruben
(72) KAEHLER, Adrian	(72) KRAH, Christoph Horst	ALCOCER REDONDO, Antonio
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(54) TOUCH DISPLAY DEVICE	(51) G06F 3/041	TERMINAL, AND COMPUTER-
(73) LG Display Co., Ltd.	G06F 3/0488	READABLE STORAGE MEDIUM
(72) KIM, HoonBae	G06F 3/0354	(73) ZTE Corporation
KIM, SunYeop	G06F 40/171	(72) CUI, Xiaochuan
LEE, SungHoon	G06F 3/04883	(31) 201710789940
SHIN, SeungMok	G06V 30/142	(32) 05.09.2017
KIM, SungChul	G06V 30/32	(33) China
JO, Youngwoo	(11) EP3680757	(51) G06F 3/04883
KANG, Seongkyu	(21) EP20158834.0	G06F 3/04817
LEE, HongJu	(47) 29.11.2023	G06F 3/0482
(31) 20180102128	(22) 24.09.2015	G06F 1/16
(32) 29.08.2018	(54) WET INK PREDICTOR	(11) EP3625654
(33) Korea (Republic)	(73) Microsoft Technology Licensing, LLC	(21) EP18729781.7
(51) G06F 3/041	(72) TU, Xiao	(47) 29.11.2023
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(21) EP16152710.6	POON, Patrick Jee-An	(22) 02.05.2018
(47) 29.11.2023	(31) 201514856167	(54) DEVICES, METHODS, AND
(22) 26.01.2016	201462057025 P	GRAPHICAL USER INTERFACES
(54) TOUCH PANEL AND DISPLAY DEVICE	(32) 16.09.2015	FOR PROVIDING A HOME BUTTON
INCLUDING THE SAME	29.09.2014	REPLACEMENT
(73) LG CHEM, LTD.	(33) United States of America	(73) Apple Inc.
(72) LEE, Weonwoong	United States of America	(72) MISSIG, Julian K.
(31) 20150062918	(51) G06F 3/044	CIAVARELLA, Rachel L.
20150062916	G06F 3/041	BERNSTEIN, Jeffrey Traer
(32) 06.05.2015	(11) EP3270268	DONG, Linda L.
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(33) Korea (Republic)	(47) 29.11.2023	201762506837 P
Korea (Republic)	(22) 12.07.2017	(32) 15.11.2017
(51) G06F 3/041	(54) PRESSURE SENSOR AND DISPLAY	16.05.2017
G06F 3/044	DEVICE INCLUDING THE SAME	(33) United States of America
(11) EP3291071	(73) Samsung Display Co., Ltd.	United States of America
(21) EP17187402.7	(72) LEE, Kyung Su	(51) G06F 3/04886
(47) 29.11.2023	KO, Jun Young	G06F 3/04883
(22) 23.08.2017	KIM, Yeon Tae	G06F 3/04817
(54) TOUCH PANEL AND DISPLAY DEVICE	SEO, Eun Sol	(11) EP3422168
INCLUDING THE SAME	JEON, Jin Young	(21) EP16891223.6
(73) Samsung Display Co., Ltd.	HAN, In Young	(47) 29.11.2023
(72) Kim, Jeongyoung	(31) 20160090104	(87) CN2016100262
Kim, Donghwan	(32) 15.07.2016	31.08.2017
Lee, Yoongyu	(33) Korea (Republic)	(22) 27.09.2016
Hwang, Seongmo	(51) G06F 3/0488	(54) MOBILE TERMINAL CONTROL
(31) 20160110632	B60R 1/06	METHOD, DEVICE, AND MOBILE
(32) 30.08.2016	B60K 37/06	TERMINAL
(33) Korea (Republic)	G06F 3/0482	(73) Gree Electric Appliances, Inc. of Zhuhai
(51) G06F 3/041	(11) EP3671421	(72) ZHANG, Long
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(87) US2017044545	ADJUSTMENT CONTROL SYSTEM, A	(51) G06F 3/06

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(11) EP3816782	G06Q 10/087	LIANG, Hongxin
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(47) 29.11.2023	(11) EP3877838	FERSMAN, Elena
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(54) DATA RECONSTRUCTION METHOD,	14.05.2020	(21) EP20768201.4
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(73) Hangzhou Hikvision System Technology	(54) INTELLIGENT SOFTWARE ASSET	(87) US2020047830
Co., Ltd.	CLASSIFICATION FOR SOFTWARE	04.03.2021
(72) XIA, Weiqiang	UPDATE VALIDATION	(22) 25.08.2020
WANG, Weichun	(73) Microsoft Technology Licensing, LLC	(54) COMPUTER DEVICE INCLUDING
LIN, Qiqian	(72) KRISHNAN, Vijay	PROCESS ISOLATED CONTAINERS
WANG, Wei	KUKREJA, Muskan	WITH ASSIGNED VIRTUAL
(31) 201810694042	GANGULY, Sandi	FUNCTIONS
(32) 29.06.2018	(31) 201816183708	(73) Microsoft Technology Licensing, LLC
(33) China	(32) 07.11.2018	(72) DIAZ-CUELLAR, Gerardo
<hr/>	(33) United States of America	CARDONA, Omar
(51) G06F 3/06	<hr/>	GOVINDASAMY, Dinesh Kumar
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(54) INPUT/OUTPUT(I/O) FENCING	(22) 08.04.2020	(22) 15.10.2019
WITHOUT DEDICATED ARBITRATORS	(54) PROGRAM OPERATION SYSTEM AND	(54) METHOD FOR CONFIGURING A
(73) Veritas Technologies LLC	PROGRAM OPERATION METHOD	HYPervisor AND INDUSTRIAL PC
(72) GOEL, Vikas	(73) Hitachi, Ltd.	(73) Omron Corporation
GAHLOT, Jai	(72) TOMITA, Taminori	(72) Scheffer, Fred
MARATHE, Shailesh	(31) 2019075646	Van Zuylen, Lucas
TOLEY, Abhijit	(32) 11.04.2019	Van Son, Justin
MEHRA, Narender Singh	(33) Japan	<hr/>
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(21) EP20197220.5	DEVICE	(54) ELECTRONIC DEVICE AND
(47) 29.11.2023	(73) Fresenius Vial SAS	OPERATING METHOD THEREOF
(22) 31.08.2012	(72) TIDLIOUINE, Rachid	(73) Samsung Electronics Co., Ltd.
(54) MOBILE CREDENTIAL REVOCATION	<hr/>	(72) LEE, Kyungseok
(73) Assa Abloy AB	(51) G06F 9/4401	KANG, Jingu
(72) LE SAINT, Eric	G06F 15/78	HEO, Kihun
(31) 201161529536 P	(11) EP3839730	KIM, Hyojong
(32) 31.08.2011	(21) EP19217461.3	KIM, Hakryoul
(33) United States of America	(47) 29.11.2023	KIM, Hyunjoon
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(51) G06F 8/41	(54) METHOD FOR STARTING A SYSTEM-	LEE, Haewook
G06F 9/455	ON-A-CHIP WITHOUT READ ONLY	JEONG, Kwanhee
(11) EP3961375	MEMORY, SYSTEM-ON-A-CHIP	KIM, Mooyoung
(21) EP21182366.1	WITHOUT READ ONLY MEMORY AND	KIM, Minjung
(47) 29.11.2023	HEADPHONE	(31) 20180087951
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(72) WEI, Changzheng	(21) EP15897281.0	H04L 41/14
GUO, Xuepeng	(47) 29.11.2023	H04L 41/40
YAN, Ying	(87) SE2015050761	H04L 43/0876
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(32) 31.08.2020	(22) 30.06.2015	H04L 67/63
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(87) US2020036223	DEVICE	(32) 14.09.2020
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(22) 05.06.2020	(72) SONG, Chang	(51) G06F 13/42
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G05B 23/02	G06F 12/084	(54) DETERMINING A PRIVATE
(11) EP3309683	G06F 9/30	CONNECTION BETWEEN DEVICES OR
(21) EP17150483.0	(11) EP3991049	FUNCTIONS OF A SERIAL BUS
(47) 29.11.2023	(21) EP20750455.6	(73) INTEL Corporation
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(73) Yokogawa Electric Corporation	(54) PERFORMING ATOMIC STORE-	(33) United States of America
(72) CU-UNJIENG, Mark Anthony De Castro	AND-INVALIDATE OPERATIONS IN	(51) G06F 16/11
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(87) US2020050227	PROVIDER SYSTEM THAT PROVIDES	(11) EP3079098
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(73) Oracle International Corporation	HAYS, Jean-Chafic	(73) Tata Consultancy Services Limited
(72) CHAVAN, Shasank Kisan	LANDRA, Corinne Francoise Pascale	(72) Sharma, Monika Tata Consultancy
SWART, Garret F.	MAINI, Massimiliano	Services Limited
GONG, Weiwei	TEXIER, Rodolphe	Ghosh, Hiranmay Tata Consultancy
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(51) G06F 16/25	FROM QUERIES TO DISPARATE DATA	SIGNATURE AUTHENTICATION
H04L 41/0853	SOURCES	(73) Banks and Acquirers International
H04L 41/0213	(73) Google LLC	Holding
H04L 41/0895	(72) THAKKAR, Anuj	(72) CECE, Philippe
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(73) Semiconductor Manufacturing Electronics (Shaoxing) Corporation	GEORGITZIKIS, Epimitheas	(72) TAGUCHI, Tomoya
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(73) Fuji Electric Co., Ltd.	H02S 40/44	(22) 26.06.2019
(72) SATO Shigeki	F24S 10/50	(54) INFRARED SENSOR AND INFRARED GAS DETECTOR
ARAKI Ryu	F24S 20/00	(73) Hangzhou Sanhua Research Institute Co., Ltd.
MIYATA Hiroshi	(11) EP3834282	(72) WAN, Xia
YOSHIDA Soichi	(21) EP19759188.6	LU, Xinkai
(31) 2019174437	(47) 29.11.2023	RAO, Huanhuan
(32) 25.09.2019	(87) US2019045921	WU, Chengyu
(33) Japan	20.02.2020	HUANG, Longzhong
(51) H01L 31/0224	(22) 09.08.2019	YIN, Bin
H01L 31/0304	(54) SOLAR ENERGY SYSTEM	HUANG, Lin-Jie
H01L 31/108	(73) TYLL Solar, LLC	(31) 201810671851
H01L 31/109	(72) FISCHER, Jay D.	201810671852
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(21) EP18701969.0	(32) 11.08.2018	201810669036
(47) 29.11.2023	(33) United States of America	201810670548
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(22) 05.01.2018	H01L 31/0224	
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201810669021	(33) Japan	H01G 11/26
201810670537	(51) H01M 4/04	H01G 11/48
201810670530	H01M 4/1391	H01G 11/50
(32) 26.06.2018	H01M 4/505	H01G 11/68
26.06.2018	H01M 4/525	(11) EP3719878
26.06.2018	H01M 10/0525	(21) EP19873406.3
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26.06.2018	(47) 29.11.2023	23.04.2020
26.06.2018	(22) 26.07.2019	(22) 16.10.2019
26.06.2018	(54) METHOD FOR PRODUCING A LITHIUM ION CELL	(54) THREE-DIMENSIONAL STRUCTURE ELECTRODE AND ELECTROCHEMICAL ELEMENT INCLUDING SAME
26.06.2018	(73) Volkswagen AG	(73) LG Energy Solution, Ltd.
(33) China	(72) Jochler, Enrica	UNIST (Ulsan National Institute of Science and Technology)
China	Weber, Dominik Alexander	(72) UHM, In Sung
China	(31) 102018215808	LEE, Sang Young
China	(32) 18.09.2018	KWON, Yo Han
China	(33) Germany	KIM, Ju Myung
China	(51) H01M 4/04	LIM, Joon Won
China	H01M 4/62	LEE, Jae Hyun
China	H01M 4/131	KIM, Je Young
China	H01M 4/1391	KIM, Seong Hyeok
China	H01M 4/525	(31) 20180124498
(51) H01L 33/48	H01M 10/0525	(32) 18.10.2018
H01L 33/60	C08F 220/18	(33) Korea (Republic)
(11) EP3675188	C08L 33/06	(51) H01M 4/134
(21) EP19219321.7	C08L 101/00	H01M 4/40
(47) 29.11.2023	C08L 101/12	H01M 4/58
(22) 23.12.2019	C08F 212/08	H01M 4/66
(54) LIGHT EMITTING DEVICE AND METHOD OF MANUFACTURING LIGHT EMITTING DEVICE	C08F 220/14	H01M 10/052
(73) Nichia Corporation	C08F 220/44	(11) EP3745505
(72) OZEKI, Kenji	C08L 33/02	(21) EP19382436.4
KOJIMA, Atsushi	(11) EP3678237	(47) 29.11.2023
NAKAI, Chinami	(21) EP18851723.9	(22) 30.05.2019
(31) 2018248307	(47) 29.11.2023	(54) FUNCTIONALIZED LITHIUM ANODE FOR BATTERIES
(32) 28.12.2018	(87) JP2018029976	(73) Acondicionamiento Tarrasense
(33) Japan	07.03.2019	GELION TECHNOLOGIES PTY LTD
(51) H01L 33/48	(22) 09.08.2018	(72) Valdivielso, Angel Manuel
H01L 33/62	(54) BINDER COMPOSITION FOR A NON-AQUEOUS SECONDARY BATTERY ELECTRODE, SLURRY COMPOSITION FOR A NON-AQUEOUS SECONDARY BATTERY ELECTRODE, ELECTRODE FOR A NON-AQUEOUS SECONDARY BATTERY, AND NON-AQUEOUS SECONDARY BATTERY	Martins Dos Santos, Luis Miguel
H01L 25/075	(73) Zeon Corporation	Aucher, Christophe
(11) EP3360167	(72) SONOBE, Kenya	Çavus, Gokhan
(21) EP16775745.9	SEKIMOTO, Takafumi	Gutierrez Tauste, David
(47) 29.11.2023	MESUDA, Maki	Desilant, Sebastien
(87) EP2016073752	OGURO, Hiroki	Lawes, Stephen Daniel
13.04.2017	(31) 2017164857	Ulissi, Ulderico
(22) 05.10.2016	(32) 29.08.2017	(51) H01M 4/36
(54) OPTOELECTRONIC COMPONENT HAVING A LEAD FRAME HAVING A STIFFENING STRUCTURE	(33) Japan	H01M 4/13
(73) OSRAM Opto Semiconductors GmbH	(51) H01M 4/13	H01M 4/38
(72) RICHTER, Daniel	H01M 4/74	H01M 4/62
(31) 102015116855	H01M 4/66	H01M 4/04
(32) 05.10.2015	H01M 4/62	H01M 10/0525
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(21) EP22167323.9	H01M 10/054	(22) 14.10.2015
(47) 29.11.2023	H01M 12/08	(54) NANOCOMPOSITE BATTERY ELECTRODE PARTICLES WITH CHANGING PROPERTIES
(22) 08.04.2022	H01G 11/28	(73) Sila Nanotechnologies Inc.
(54) SEMICONDUCTOR LIGHT EMITTING DEVICE AND METHOD FOR MANUFACTURING SAME	H01G 11/36	(72) YUSHIN, Gleb
(73) STANLEY ELECTRIC CO., LTD.	H01G 11/38	BERDICHEVSKY, Eugene Michael
(72) YUASA, Mamoru	H01G 11/70	JACOBS, Alexander Thomas
(31) 2021070004		NESE, Alper

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ZDYRKO, Bogdan	(87) JP2020025882	(47) 29.11.2023
(31) 201514882166	21.01.2021	(87) PL2019000118
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(32) 13.10.2015	(54) FUEL CELL CATALYST COMPOSITION	(22) 30.12.2019
14.10.2014	AND FUEL CELL CONTAINING SAME	(54) CRUSHING METHOD FOR USED
(33) United States of America	(73) Toyo University	GALVANIC CELLS WITH HIGH
United States of America	(72) WADA Noboru	ENERGY DENSITIES
(51) H01M 4/36	(31) 2019130040	(73) Regain SP. Z.o.o.
H01M 4/62	(32) 12.07.2019	(72) HUPKA, Lukasz
H01M 4/38	(33) Japan	HUPKA, Jan
H01M 10/052	(51) H01M 4/90	(31) 42851719
H01M 4/13	H01M 8/04186	(32) 08.01.2019
H01M 4/58	H01M 8/083	(33) Poland
(11) EP3675248	H01M 8/18	(51) H01M 8/04111
(21) EP18872133.6	H01M 8/20	B64D 27/24
(47) 29.11.2023	H01M 10/0564	B64D 27/02
(87) KR2018011768	H01M 8/04082	H01M 8/00
09.05.2019	(11) EP2901520	B64D 29/00
(22) 05.10.2018	(21) EP13841221.8	B64D 33/02
(54) SULFUR-CARBON COMPOSITE	(47) 29.11.2023	B64D 41/00
AND LITHIUM-SULFUR BATTERY	(87) US2013062057	(11) EP4072943
INCLUDING SAME	03.04.2014	(21) EP20781383.3
(73) LG Energy Solution, Ltd.	(22) 26.09.2013	(47) 29.11.2023
(72) CHO, Eunkyung	(54) SMALL ORGANIC MOLECULE BASED	(87) EP2020077849
KOH, Dongwook	FLOW BATTERY	17.06.2021
SOHN, Kwonnam	(73) President and Fellows of Harvard	(22) 05.10.2020
YANG, Doo Kyung	College	(54) PROPULSION SYSTEM FOR AN
(31) 20170145812	(72) HUSKINSON, Brian	AIRCRAFT, SAID PROPULSION
(32) 03.11.2017	MARSHAK, Michael	SYSTEM COMPRISING A FUEL CELL
(33) Korea (Republic)	AZIZ, Michael, J.	(73) Airbus (S.A.S.)
(51) H01M 4/525	GORDON, Roy, G.	(72) KIERBEL, Daniel
H01M 4/505	BETLEY, Theodore A.	(31) 1913969
C01G 53/00	ER, Suleyman	(32) 09.12.2019
(11) EP3151316	SUH, Changwon	(33) France
(21) EP15800391.3	ASPURU-GUZIK, Alan	(51) H01M 10/0525
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(22) 27.05.2015	(32) 24.06.2013	H01M 4/48
(54) POSITIVE ELECTRODE ACTIVE	14.05.2013	H01M 4/62
MATERIAL FOR LITHIUM SECONDARY	26.09.2012	H01M 4/66
BATTERIES, POSITIVE ELECTRODE	(33) United States of America	H01M 10/0567
FOR LITHIUM SECONDARY	United States of America	H01M 10/0568
BATTERIES, AND LITHIUM	United States of America	H01M 50/103
SECONDARY BATTERY	(51) H01M 6/48	H01M 50/209
(73) Sumitomo Chemical Company Limited	H01M 10/04	H01M 4/02
Tanaka Chemical Corporation	H01M 50/618	(11) EP4120418
(72) KURITA Hiroyuki	(11) EP3324463	(21) EP21912316.3
TAKAMORI Kenji	(21) EP17020541.3	(47) 29.11.2023
IMANARI Yuichiro	(47) 29.11.2023	(87) CN2021096742
MASUKAWA Takaaki	(22) 21.11.2017	01.12.2022
YAMASHITA Daisuke	(54) REINFORCED BIPOLAR BATTERY	(22) 28.05.2021
NAKAO Kimiyasu	ASSEMBLY	(54) LITHIUM-ION SECONDARY BATTERY,
(31) 2014262692	(73) Advanced Battery Concepts, LLC	BATTERY MODULE, BATTERY PACK,
2014111713	(72) O.Shaffer II, Edward	AND ELECTRICAL DEVICE
(32) 25.12.2014	Hobday, Donald	(73) Contemporary Amperex Technology Co.,
29.05.2014	(31) 201615359289	Limited
(33) Japan	201662424809 P	(72) PENG, Chang
Japan	(32) 22.11.2016	CHEN, Peipei
(51) H01M 4/88	21.11.2016	ZOU, Hailin
H01M 4/90	(33) United States of America	LIANG, Chengdu
H01M 8/086	United States of America	(51) H01M 10/0585
H01M 8/10	(51) H01M 6/52	H01M 4/80
B01J 27/138	C22B 7/00	H01M 10/0562
H01M 4/86	H01M 10/54	H01M 50/109
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(11) EP3832775	(47) 29.11.2023	(22) 29.05.2019
(21) EP19866828.7	(87) JP2019042192	(54) CONNECTOR AND BATTERY
(47) 29.11.2023	28.05.2020	PRODUCT
(87) JP2019031206	(22) 28.10.2019	(73) Contemporary Amperex Technology Co.,
02.04.2020	(54) HEAT DISSIPATION STRUCTURE AND	Limited
(22) 07.08.2019	BATTERY HAVING SAME	(72) LUO, Wenchao
(54) FLAT SOLID-STATE BATTERY AND	(73) Shin-Etsu Polymer Co., Ltd.	(31) 201821316829 U
METHOD FOR MANUFACTURING	(72) KUWABARA, Tomohiko	(32) 15.08.2018
SAME	ANDO, Hitoshi	(33) China
(73) Maxell, Ltd.	SHIMIZU, Takao	(51) H01M 50/367
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MORIKAMI, Hidetoshi	(32) 21.11.2018	H01M 10/643
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(32) 26.09.2018	H01M 50/124	H01M 50/30
(33) Japan	H01M 50/543	(11) EP3965211
(51) H01M 10/48	H01M 50/557	(21) EP20811504.8
H01M 10/42	H01M 50/60	(47) 29.11.2023
B60L 50/64	H01M 4/04	(87) CN2020101435
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H01M 50/249	H01M 10/0587	(22) 10.07.2020
(11) EP3652793	(11) EP3673530	(54) BOX BODY FOR BATTERY, BATTERY,
(21) EP18749226.9	(21) EP18871194.9	ELECTRIC DEVICE, AND METHOD
(47) 29.11.2023	(47) 29.11.2023	AND DEVICE FOR PREPARING
(87) US2018041882	(87) KR2018012741	BATTERY
17.01.2019	02.05.2019	(73) Contemporary Amperex Technology Co.,
(22) 12.07.2018	(22) 25.10.2018	Limited
(54) METHOD FOR DETERMINING	(54) BATTERY AND ELECTRONIC DEVICE	(72) CHEN, Xiaobo
BATTERY PACK TEMPERATURE AND	INCLUDING THE SAME	ZHAO, Fenggang
STATE OF CHARGE	(73) Samsung Electronics Co., Ltd.	LI, Yao
(73) CPS Technology Holdings LLC	(72) YOON, Jong Moon	WANG, Peng
(72) JIN, Zhihong, H.	HUR, June Young	SUN, Zhanyu
WITT, Renate	(31) 20170140171	LIN, Yongshou
WOOD, Steven, J.	(32) 26.10.2017	(51) H01M 50/557
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IVERSON, Michael, E.	(51) H01M 50/147	H01M 50/564
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H01M 10/615	(11) EP3570345	(54) ELECTRODE TERMINAL AND
H01M 10/625	(21) EP19173533.1	SECONDARY BATTERY PROVIDED
H01M 10/48	(47) 29.11.2023	WITH SAID ELECTRODE TERMINAL
H05B 1/02	(22) 09.05.2019	(73) Prime Planet Energy & Solutions, Inc.
G01R 19/165	(54) SECONDARY BATTERY AND TOP	(72) SAKURAI, Takahiro
B60L 58/27	COVER ASSEMBLY THEREOF	SUZUKI, Kosuke
(11) EP3958376	(73) Contemporary Amperex Technology Co.,	(31) 2021014604
(21) EP20873445.9	Limited	(32) 01.02.2021
(47) 29.11.2023	(72) CHEN, Xinxiang	(33) Japan
(87) KR2020013499	HUANG, Shoujun	(51) H01P 1/202
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(54) HEATING PAD CONTROL APPARATUS	WANG, Peng	(21) EP18724206.0
(73) LG Energy Solution, Ltd.	(31) 201820743084 U	(47) 29.11.2023
(72) KIM, Ki-Hoon	(32) 18.05.2018	(87) EP2018061936
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(51) H01M 10/653	H01M 50/552	WAVEGUIDE TUBES WITH PLUG-IN
H01M 10/613	H01M 50/567	FILTER DEVICES
H01M 10/625	H01M 50/502	(73) Telefonaktiebolaget LM Ericsson (publ)
B60L 50/64	(11) EP3780152	(72) DELENIV, Anatoli
H01L 23/36	(21) EP19849306.6	(51) H01Q 1/12
H05K 7/20	(47) 29.11.2023	H01Q 9/04
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(22) 15.03.2019	(54) COMPACT WIDEBAND ANTENNA	(32) 28.12.2018
(54) ANTENNA UNIT, AND ANTENNA UNIT- ATTACHED WINDOW GLASS	(73) Hi-te S.r.l.	(33) France
(73) AGC INC.	(72) GHEZZO, Enrico	(51) H01Q 3/26
AGC Glass Europe	GIOVANNELLI, Antonello	H01Q 21/22
AGC Flat Glass North America, Inc.	(31) 201700083954	H01Q 21/29
AGC Vidros do Brasil Ltda.	(32) 24.07.2017	G01S 7/28
(72) HORIE, Masaki	(33) Italy	(11) EP4000131
SONODA, Ryuta	(51) H01Q 1/48	(21) EP20736356.5
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(32) 16.03.2018	H01Q 1/44	21.01.2021
(33) Japan	H01Q 1/24	(22) 08.07.2020
(51) H01Q 1/22	H01Q 9/04	(54) MULTI-PANEL ARRAY ANTENNA
H01Q 1/44	H01Q 21/08	(73) THALES
H01Q 5/25	(11) EP3985795	(72) GREVERIE, Wilfried
H01Q 5/50	(21) EP21202067.1	MARCY, Jean-Pierre
H01Q 19/30	(47) 29.11.2023	MOULINET, Ronan
H01Q 21/28	(22) 12.10.2021	(31) 1908058
H04R 1/02	(54) ELECTRONIC DEVICE HAVING AN ANTENNA LAYER	(32) 18.07.2019
H04R 17/00	(73) Samsung Display Co., Ltd.	(33) France
(11) EP4175062	(72) Lee, Seongryong	(51) H01Q 9/32
(21) EP22203975.2	Kim, Jae-Kyoung	H01Q 9/42
(47) 29.11.2023	Sung, Eunjin	H01Q 21/26
(22) 26.10.2022	(31) 20200132946	H01Q 1/27
(54) TRACKER TAG WITH DUAL-PURPOSE ANTENNA COMPONENTS	(32) 14.10.2020	H01Q 1/08
(73) Plume Design, Inc	(33) Korea (Republic)	(11) EP3834253
(72) SAMARDZIJA, Miroslav	(51) H01Q 1/52	(21) EP19779969.5
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(51) H01Q 1/24	(47) 29.11.2023	(72) GHEZZO, Enrico
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H01Q 5/378	(54) ARRAY ANTENNA DEVICE	(33) Italy
H01Q 9/16	(73) Mitsubishi Electric Corporation	(51) H01Q 13/20
H01Q 9/06	(72) YOKOKAWA, Kei	H01Q 1/28
H01Q 1/22	NAKAMOTO, Narihiro	H01Q 3/36
(11) EP3979412	FUKASAWA, Toru	H01Q 21/06
(21) EP21209228.2	TAKAHASHI, Tomohiro	H01Q 21/08
(47) 29.11.2023	OTSUKA, Masataka	(11) EP4046241
(22) 25.12.2018	(31) PCT/JP2017/035232	(21) EP20793760.8
(54) ANTENNA DEVICE AND ELECTRONIC DEVICE	(32) 28.09.2017	(47) 29.11.2023
(73) Panasonic Intellectual Property Management Co., Ltd.	(33) World Intellectual Property Office (WIPO)	(87) FR2020051764
(72) TAKAI, Hitoshi	(51) H01Q 3/24	22.04.2021
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IMAI, Kazuhiro	H01Q 15/00	(54) ANTENNA ARRAY
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(33) Japan	(47) 29.11.2023	MARTEL, Cédric
(51) H01Q 1/32	(87) EP2019085190	PRIGENT, Gaëtan
H01Q 1/48	02.07.2020	PASCAL, Olivier
H01Q 9/32	(22) 13.12.2019	(31) 1911539
H01Q 11/18	(54) RECONFIGURABLE METASURFACE DEVICE	(32) 16.10.2019
H01Q 21/20	(73) THALES	(33) France
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		H01Q 23/00

H01Q 1/22	H01R 9/24	(22) 17.10.2018
H01Q 1/24	H01R 13/447	(54) USE OF AN ACTUATING UNIT FOR
H01Q 1/32	H01R 4/36	AUTOMOTIVE APPLICATIONS
H01L 23/66	H01R 4/48	(73) Kiekert AG
(11) EP3667813	H01R 25/16	(72) TÖPFER, Claus
(21) EP18211440.5	H01R 13/11	SCHLABS, Winfried
(47) 29.11.2023	(11) EP4082081	SONNENSCHNEIN, Tim
(22) 10.12.2018	(21) EP19842888.0	DJEDOVIC, Benjamin
(54) RADAR SENSOR WITH INTEGRATED	(47) 29.11.2023	(31) 102017125819
ANTENNA AND FOCUSING LENS	(87) IB2019061395	(32) 06.11.2017
(73) indie Semiconductor FFO GmbH	01.07.2021	(33) Germany
(72) WINKLER, Wolfgang	(22) 27.12.2019	(51) H01R 13/629
GENSCHOW, Dieter	(54) FOUR POLE OUTGOING PLUGGING	H01M 50/15
(51) H01Q 21/00	ASSEMBLY	H01M 10/06
H01Q 25/00	(73) Elsteel Denmark A/S	H01M 10/42
H04B 10/2575	(72) ALEXEEV, Peter	H01M 10/48
H04B 7/06	(51) H01R 9/26	G01R 31/36
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PATTERN ASSOCIATED WITH	United States of America	YANG, Ning
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WANG, Qi	RANGE 2 (FR2) SPECTRUM	(72) FREDERIKSEN, Frank
(51) H04W 68/02	(73) T-Mobile USA, Inc.	LAURIDSEN, Mads
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(54) COMMUNICATION METHOD AND	(51) H04W 72/04	H04L 27/26
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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.

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BLAIR, Andrew	(73) SMART Photonics Holding B.V.	KWON, YOUNGSOO
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(00) 26.07.2023	

VRB

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

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) Innomotics GmbH	A61P 25/00	(00) Assignment
(73) Innomotics GmbH	C07D 209/14	(71) Innomotics GmbH
(11) 1026424	(00) Assignment	(73) Innomotics GmbH
(00) 24.11.2023	(71) Nilfisk A/S	(11) EP2522868
(51) H02K 15/00	(73) Nilfisk A/S	(00) 24.11.2023
(00) Assignment	(11) EP2191905	(51) F16C 32/04
(71) Kempes Patent Holding B.V.	(00) 24.11.2023	(00) Assignment
(73) Kempes Patent Holding B.V.	(51) B05B 9/01	(71) H. Lundbeck A/S
(11) 1039412	B05B 12/00	(73) H. Lundbeck A/S
(00) 23.11.2023	B08B 3/02	(11) EP2431039
(51) B62K 7/02	(00) Change of owner(s) name	(00) 21.11.2023
B62K 15/00	(71) Innomotics GmbH	(51) A61K 31/495
(00) Assignment	(73) Innomotics GmbH	A61P 25/00
(71) Kempes Patent Holding B.V.	(11) EP1927183	(00) Assignment
(73) Kempes Patent Holding B.V.	(00) 24.11.2023	(71) Worg Pharmaceuticals (Zhejiang) Co., Ltd.
(11) 1039416	(51) H02M 7/48	(73) Worg Pharmaceuticals (Zhejiang) Co., Ltd.
(00) 23.11.2023	(00) Assignment	(11) EP2917232
(51) G08G 1/16	(71) Nilfisk A/S	(00) 21.11.2023
B60W 30/16	(73) Nilfisk A/S	(51) A61K 38/00
(00) Assignment	(11) EP2378941	A61K 38/37
(71) Innomotics GmbH	(00) 24.11.2023	A61K 39/00
(73) Innomotics GmbH	(51) A47L 11/283	C07K 14/755
(11) EP2158411	A47L 11/293	(00) Assignment
(00) 24.11.2023	A47L 11/40	(71) Ningkasai Technology(Shanghai) Co, Ltd.
(51) F16C 32/04	(00) Change of owner(s) name	(73) Ningkasai Technology(Shanghai) Co, Ltd.
(00) Assignment	(71) H. Lundbeck A/S	(11) EP2688485
(71) Worg Pharmaceuticals (Zhejiang) Co., Ltd.	(73) H. Lundbeck A/S	(00) 22.11.2023
(73) Worg Pharmaceuticals (Zhejiang) Co., Ltd.	(11) EP2219647	(51) A61B 17/32
(11) EP2211892	(00) 21.11.2023	A61B 17/3209
(00) 21.11.2023	(51) A61K 31/495	A61M 13/00
(51) A61K 38/17	A61P 25/00	A61M 16/00
A61P 25/00	(00) Assignment	(00) Assignment
A61P 37/00	(71) Worg Pharmaceuticals (Zhejiang) Co., Ltd.	(71) Innomotics GmbH
(00) Assignment	(73) Worg Pharmaceuticals (Zhejiang) Co., Ltd.	(73) Innomotics GmbH
(71) Innomotics GmbH	(11) EP2227488	(11) EP2435809
(73) Innomotics GmbH	(00) 21.11.2023	(00) 24.11.2023
(11) EP1872454	(51) A61K 38/37	(51) F16C 17/20
(00) 24.11.2023	C07K 14/755	F16C 19/52
(51) H01G 9/00	(00) Assignment	F16C 39/06
H02H 7/16	(71) Innomotics GmbH	G01L 5/00
(00) Assignment	(73) Innomotics GmbH	G01M 13/04
(71) NOVARTIS AG	(11) EP2508769	(00) Assignment
(73) NOVARTIS AG	(00) 24.11.2023	(71) Kelvion Thermal Solutions Germany GmbH
(11) EP1891006	(51) F16C 32/04	(73) Kelvion Thermal Solutions Germany GmbH
(00) 21.11.2023	H01F 3/02	(11) EP3155343
(51) A61K 31/404	H02K 1/16	(00) 22.11.2023
A61P 11/00	(00) Assignment	(51) F28D 1/04
A61P 19/00	(71) DILON TECHNOLOGIES INC.	F28D 1/053
A61P 25/00	(73) DILON TECHNOLOGIES INC.	F28F 1/02
C07D 209/14	(11) EP2424579	F28F 1/30
(00) Assignment	(00) 24.11.2023	(00) Assignment
(71) Ziarco Pharma Limited	(51) A61L 27/24	(71) Innomotics GmbH
(73) NOVARTIS AG	A61L 27/58	(73) Innomotics GmbH
(11) EP1891006	(00) Assignment	(11) EP2870682
(00) 21.11.2023	(71) Innomotics GmbH	(00) 24.11.2023
(51) A61K 31/404	(73) Innomotics GmbH	(51) H02K 1/27
A61P 11/00	(11) EP2449654	H02K 1/28
A61P 19/00	(00) 24.11.2023	
	(51) H02K 1/27	

H02K 1/32	(11) EP3102508	(51) H02J 3/01
H02K 7/04	(00) 24.11.2023	H02J 3/24
H02K 9/06	(51) B02C 21/02	H02J 3/38
(00) Assignment	B02C 23/36	H02M 1/12
(71) CALIENT TECHNOLOGIES, INC.	B65F 1/12	H02M 1/44
(73) CALIENT TECHNOLOGIES, INC.	B65F 3/00	F03D 9/00
(11) EP2707770	B65F 3/02	(00) Assignment
(00) 20.11.2023	B65F 3/14	(71) Innomotics GmbH
(51) G02B 26/08	B65F 9/00	(73) Innomotics GmbH
H01H 59/00	D21B 1/32	(11) EP3157161
H02N 1/00	D21B 1/34	(00) 24.11.2023
(00) Change of owner(s) name	(00) Assignment	(51) F03D 7/02
(71) Riviera Systems, Inc.	(71) DILON TECHNOLOGIES INC.	H02J 3/38
(73) CALIENT TECHNOLOGIES, INC.	(73) DILON TECHNOLOGIES INC.	H02K 7/18
(11) EP2707770	(11) EP3079139	H02P 9/10
(00) 20.11.2023	(00) 24.11.2023	(00) Assignment
(51) G02B 26/08	(51) G01N 33/49	(71) DILON TECHNOLOGIES INC.
H01H 59/00	G09B 23/30	(73) DILON TECHNOLOGIES INC.
H02N 1/00	G09B 23/32	(11) EP2701729
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(71) Control Seal Group FZ-LLC	(00) Assignment	(51) A61K 9/14
(73) Control Seal Group FZ-LLC	(71) Impact Selector Limited	A61K 31/726
(11) 2021549	(73) Impact Selector Limited	A61K 38/36
(00) 22.11.2023	(11) EP2828466	A61K 38/39
(51) F16K 1/12	(00) 20.11.2023	A61K 38/48
F16K 3/24	(51) E21B 17/06	A61K 47/26
F16K 3/34	(00) Assignment	A61L 26/00
F16K 31/524	(71) Control Seal Group FZ-LLC	(00) Assignment
F16K 47/08	(73) Control Seal Group FZ-LLC	(71) Kelvion Thermal Solutions Germany GmbH
(00) Assignment	(11) 2021203	(73) Kelvion Thermal Solutions Germany GmbH
(71) Innomotics GmbH	(00) 22.11.2023	(11) EP3250303
(73) Innomotics GmbH	(51) F16K 5/06	(00) 22.11.2023
(11) EP2830194	(00) Assignment	(51) B01D 7/02
(00) 24.11.2023	(71) Mosco Specialist Oilfield Products Limited	(00) Assignment
(51) H02K 3/34	(73) Impact Selector Limited	(71) SoundCell IP B.V.
H02K 3/52	(11) EP2828466	(73) SoundCell IP B.V.
(00) Assignment	(00) 20.11.2023	(11) 2024356
(71) Control Seal Group FZ-LLC	(51) E21B 17/06	(00) 24.11.2023
(73) Control Seal Group FZ-LLC	(00) Assignment	(51) C12Q 1/02
(11) 2021202	(71) Sichuan Bohaoda Biotechnology Co., Ltd.	G01N 29/00
(00) 22.11.2023	(73) Sichuan Bohaoda Biotechnology Co., Ltd.	G01N 33/543
(51) F16K 5/06	(11) EP3305905	(00) Assignment
F16K 5/20	(00) 17.11.2023	(71) TWENTY TWENTY THERAPEUTICS LLC
F16K 31/524	(51) C12N 9/42	(73) TWENTY TWENTY THERAPEUTICS LLC
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(71) Kelvion Germany GmbH	(71) Worg Pharmaceuticals (Zhejiang) Co., Ltd.	(00) 22.11.2023
(73) Kelvion Thermal Solutions Germany GmbH	(73) Worg Pharmaceuticals (Zhejiang) Co., Ltd.	(51) A61F 2/14
(11) EP3155343	(11) EP2945965	G02C 7/04
(00) 22.11.2023	(00) 21.11.2023	H04B 5/00
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F28D 1/053	(00) Assignment	(00) Assignment
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(00) Change of owner(s) name	(11) EP3236064	(11) EP3378141
(71) Worg Pharmaceuticals (Zhejiang) Co., Ltd.	(00) 24.11.2023	(00) 24.11.2023
(73) Worg Pharmaceuticals (Zhejiang) Co., Ltd.	(51) F03D 17/00	(51) H02J 3/12
(11) EP3030259	F03D 80/60	H02J 3/18
(00) 21.11.2023	(00) Assignment	H02J 3/38
(51) A61K 39/00	(71) Innomotics GmbH	F03D 9/25
C07K 7/08	(73) Innomotics GmbH	(00) Assignment
C07K 14/72	(11) EP2482418	(71) Metso Outotec Sweden AB
(00) Assignment	(00) 24.11.2023	(73) Metso Outotec Finland Oy
(71) Rhenus Data Office GmbH		(11) EP3718636
(73) Rhenus Data Office GmbH		

(00) 22.11.2023	(71) Fowler Westrup (Netherlands) B.V.	F16K 31/524
(51) B02C 2/00	(73) Fowler Westrup (Netherlands) B.V.	F16K 3/24
B02C 17/22	(11) 2027857	F16K 47/08
(00) Change of owner(s) name	(00) 17.11.2023	F16K 31/122
(71) Metso Outotec Finland Oy	(51) A01C 1/02	(00) Assignment
(73) Metso Outotec Finland Oy	(00) Assignment	(71) Hunter Douglas Limited
(11) EP3718636	(71) SCC Fahrzeugtechnik GmbH	(73) Hunter Douglas Limited
(00) 22.11.2023	Sebastian Dohmen	(11) EP3513028
(51) B02C 2/00	(73) SCC Fahrzeugtechnik GmbH	(00) 17.11.2023
B02C 17/22	Sebastian Dohmen	(51) E06B 9/42
(00) Assignment	(11) EP3643513	E06B 9/60
(71) Welwood B.V.	(00) 22.11.2023	(00) Assignment
(73) Welwood B.V.	(51) B60B 3/14	(71) Op-T LLC
(11) 2026811	(00) Assignment	(73) Op-T LLC
(00) 24.11.2023	(71) DILON TECHNOLOGIES INC.	(11) EP3421487
(51) A01D 45/00	(73) DILON TECHNOLOGIES INC.	(00) 17.11.2023
(00) Assignment	(11) EP3496770	(51) C07K 14/705
(71) Innomotics GmbH	(00) 24.11.2023	A61K 38/10
(73) Innomotics GmbH	(51) A61L 26/00	A61K 38/17
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(00) 24.11.2023	(71) DILON TECHNOLOGIES INC.	(00) Assignment
(51) H02J 3/38	(73) DILON TECHNOLOGIES INC.	(71) Berkin B.V.
H02M 1/32	(11) EP3513803	(73) Berkin B.V.
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H02P 29/02	(51) A61K 9/14	(00) 22.11.2023
(00) Assignment	A61K 31/726	(51) B81C 1/00
(71) Fortune-Tech Home Appliances Co., Ltd.	A61K 38/36	(00) Assignment
(73) Fortune-Tech Home Appliances Co., Ltd.	A61K 38/39	(71) Beijing Kunshi Intellectual Property
(11) EP3184010	A61K 38/48	Management Co., Ltd.
(00) 24.11.2023	A61K 47/26	(73) Beijing Kunshi Intellectual Property
(51) A47J 31/42	A61L 26/00	Management Co., Ltd.
A47J 42/06	A61P 7/04	(11) EP3790110
A47J 42/10	(00) Assignment	(00) 07.11.2023
A47J 42/40	(71) SCOHIA PHARMA, Inc.	(51) H01Q 1/38
(00) Assignment	(73) SCOHIA PHARMA, Inc.	H01Q 5/328
(71) ANONOS IP LLC	(11) EP3004155	H01Q 5/371
(73) ANONOS IP LLC	(00) 22.11.2023	H01Q 5/378
(11) EP3063691	(51) A61P 3/04	H01Q 9/42
(00) 21.11.2023	A61P 3/10	H01Q 7/00
(51) H04L 29/06	A61P 43/00	H01Q 1/24
G06F 21/00	C07K 14/605	H01Q 5/335
G06F 21/62	A61K 38/00	(00) Assignment
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(71) Sherpa B.V.	(71) Illumina, Inc.	
(73) Sherpa B.V.	10x Genomics Sweden AB	
(11) 2028255	(73) Illumina, Inc.	
(00) 24.11.2023	10x Genomics Sweden AB	
(51) G16H 50/20	(11) EP3901281	
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A61B 5/00	(00) Change of owner(s) name	
(00) Assignment	(71) SecureCell AG	
(71) Tieluk B.V.	(73) SecureCell AG	
(73) Tieluk B.V.	(11) EP3618761	
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(00) 27.11.2023	(51) A61F 2/02	
(51) F24H 1/00	A61M 1/34	
C25B 1/04	A61M 1/36	
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(71) Innomotics GmbH	C12N 5/071	
(73) Innomotics GmbH	(00) Assignment	
(11) EP3016272	(71) Control Seal Group FZ-LLC	
(00) 24.11.2023	(73) Control Seal Group FZ-LLC	
(51) F03D 7/02	(11) EP3847388	
H02P 9/04	(00) 22.11.2023	
H02P 25/22	(51) F16K 3/34	
(00) Assignment	F16K 1/12	

TVH

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

UP1

**Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking.
Contains data concerning European patents with registered Unitary Effect.**

(11) EP3355268	(11) EP3555790	(11) EP3462947
(11) EP3154748	(11) EP3714481	(11) EP3537864
(11) EP3307903	(11) EP3596936	(11) EP3540165
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UP2

Bevat gegevens over Europese octrooien met geregistreerd verzoek ex. artikel 52a (herstel recht op validatie).

Contains data concerning European patents with registered request ex article 52a (restoration of validation right).

UP3

Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en complete validatie.

Contains data concerning European patents with accepted ex article 52a (restoration of validation right) and validation completed.

UP4

Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en geen complete validatie.

Contains data concerning European patents with accepted request ex article 52a (restoration of validation right) and incomplete validation.

UP5

Bevat gegevens over Europese octrooien met afgewezen verzoek ex. artikel 52a (herstel recht op validatie).

Contains data concerning European patents with rejected request ex article 52a (restoration of validation right).

UP6

Bevat gegevens over Europese octrooien met ingetrokken verzoek ex. artikel 52a (herstel recht op validatie).

Contains data concerning European patents with withdrawn request ex article 52a (restoration of validation right).