



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

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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.

Subscription rates per calendar year:

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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

268Heading SPC

Contains data concerning applications for- or granted Supplementary Protection Certificates.

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Rubriek VB1

Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.

269Heading VB1

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

269

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.

271Heading 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.

271

Rubriek MED

Bevat gegevens betreffende overige mededelingen.

272Heading MED

Contains data concerning other communications.

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Rubriek VRV

Bevat gegevens betreffende verval of nietigverklaring.

273Heading VRV

Contains data concerning lapse or annulment.

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Rubriek VRB

Bevat gegevens betreffende verbeteringen op eerdere publicaties.

325Heading VRB

Contains data concerning corrections on earlier publications.

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Rubriek CO

Bevat gegevens betreffende wijzigingen in het octrooiregister.

326Heading CO

Contains data concerning changes in the Netherland patent register.

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Rubriek TVH

Bevat gegevens betreffende topografieën van halfgeleiderproducten.

335Heading TVH

Contains data concerning depots of original topographies of semi-conductor products.

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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.

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) Octrooinummer	(11) Patent number
(13) Soort document volgens WIPO standaard 16	(13) Kind of document code according to WIPO standard ST.16
(15) Correctie informatie	(15) Patent correction information
(21) Octrooiaanvraagnummer	(21) Application number
(22) Datum van indiening	(22) Date(s) of filing application(s)
(23) Datum tentoonstelling	(23) Date of exhibition
(25) Taal van indiening	(25) Language in which the published application was originally filed
(26) Taal waarin de aanvraag is gepubliceerd	(26) Language in which the application is published
(30) Voorranggegevens	(30) Priority Data
(31) Nummer voorrang	(31) Number(s) assigned to priority application(s)
(32) Datum voorrang	(32) Date(s) of filling of priority application(s)
(33) Land van herkomst voorrang	(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) Oorspronkelijk land van indiening	(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) Datum van inschrijving	(40) Date(s) of making available to the public
(41) Datum van inschrijving van een octrooiaanvraag	(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) Datum van inschrijving van een onderzochte aanvraag (openbaarmaking)	(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) Datum waarop de aanvraag ter inzage is gelegd	(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 octrooiën	(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.

	Juan Lou	Netherlands
(51) A01B 9/00	Feng Xu	(51) A23L 5/41
A01B 13/02	Xia Liu	A23L 13/70
A01B 33/02	Huamin Liu	(21) 2027723
(21) 2023926	(31) 202010136322.4	(22) 08.03.2021
(22) 01.10.2019	(32) 02.03.2020	(54) COLOR PROTECTION METHOD FOR PREPARED PORK CHOPS
(54) Inrichting voor het verschaffen van ten minste een aspergebed uit een winterbed, alsmede werkwijze voor het verschaffen van ten minste een aspergebed uit een winterbed	(33) China	(71) HEFEI UNIVERSITY OF TECHNOLOGY
(71) Engels Familie Holding B.V.	(51) A21B 3/00	Nanjing Agricultural University
(74) ir. A. Blokland c.s.	A47G 21/04	Jiangsu Yurun Meat Food Co., Ltd.
(72) Franciscus Maria Engels	A47J 43/28	(74) ir. F.A. Geurts c.s.
Marcus Franciscus Engels	(21) 1043404	(72) Baocai Xu
Christiaan Michiel Engels	(22) 04.10.2019	Jie Zhang
(41) 27.05.2021	(54) PIZZASCHEP	Qi Li
(51) A01G 22/22	(71) Bos Kaasgereedschappen B.V.	Chao li
A01H 6/46	(72) Martijn Herman Bos	Conggui Chen
(21) 2026983	(41) 01.06.2021	(31) 202010176672.3
(22) 25.11.2020	(51) A23C 3/04	(32) 13.03.2020
(54) SCREENING METHOD FOR HIGH-QUALITY, HIGH-YIELD AND HIGH-EFFICIENCY VARIETIES SUITABLE FOR DIRECT SEEDING OF DOUBLE-CROPPING RICE	A23L 3/00	(33) China
(71) China National Rice Research Institute	A23L 3/36	(51) A41B 17/00
(74) dr. T. Wittop Koning PhD	B01L 7/00	(21) 2023911
(72) Chunmei Xu	F25B 21/02	(22) 26.09.2019
Xiufu Zhang	F25D 11/00	(54) Underwear Item for a Male
Danying Wang	F25D 11/02	(71) HEMA B.V.
Song Chen	F25D 16/00	(74) dr. A. Krebs
Guang Chu	F25D 17/04	(72) Trevor Perren
(41) 28.05.2021	F25D 31/00	(41) 27.05.2021
(51) A01G 22/63	G01N 33/02	(51) A47C 7/46
A01G 24/25	(21) 2023924	(21) 2023964
A01G 24/28	(22) 01.10.2019	(22) 04.10.2019
(21) 2026429	(54) Meetsysteem voor levensmiddelen	(54) A backrest for a seating structure
(22) 08.09.2020	(71) Lely Patent N.V.	(71) Koninklijke Ahrend B.V.
(54) GROEISUBSTRAAT VOOR ORCHIDEËN	(74) ir. M.J.F.M. Corten	(74) mr. ir. J. van Breda c.s.
(71) Pro4Agri Beheer B.V.	(72) Frans Emo Diderik van Halsema	(72) Jeroen Hendrik Beun
(74) dr. ir. G.J.C. Verdijk c.s.	(41) 01.06.2021	(41) 01.06.2021
(72) Renzo Hero Veenstra	(51) A23D 9/02	(51) A47C 21/04
(41) 31.05.2021	A23J 3/04	(21) 2023913
(51) A01H 4/00	A23K 10/20	(22) 27.09.2019
(21) 2027681	A23L 33/17	(54) BODY SUPPORT ASSEMBLY
(22) 02.03.2021	A23K 20/147	(71) UBED B.V.
(54) IN VITRO PROPAGATION METHOD OF TISSUE CULTURE SEEDLINGS OF ZANTHOXYLUM ARMATUM	A23K 20/158	(74) dr. A. Krebs
(71) CHONGQING UNIVERSITY OF ARTS AND SCIENCES	C11B 1/12	(72) Cornelis Franciscus de la Haye
YANGTZE UNIVERSITY	(21) 2025547	(41) 27.05.2021
(74) ir. W.J.J.M. Kempes	(22) 11.05.2020	(51) A47F 3/04
(72) Zexiong Chen	(54) METHOD FOR THE CONVERSION OF INSECTS INTO NUTRIENT STREAMS	(21) 2023984
Ning Tang	(71) Protix B.V.	(22) 09.10.2019
	(74) ir. M.F.J.M. Ketelaars c.s.	(54) System comprising a display unit for storing and displaying food products, and multiple shelves, and method for storing and displaying refrigerated food products in a display unit
	(72) Aman Paul	(71) Fri-Jado B.V.
	(41) 27.05.2021	(74) ir. R. Wijnstra
	(31) 2024481	(72) Robert Evert Willem Berents
	2023838	Thomas Adrianus Maria van Bergen
	2025546	(41) 01.06.2021
	(32) 17.12.2019	(51) A61B 5/11
	17.09.2019	
	11.05.2020	
	(33) Netherlands	
	Netherlands	

(21) 2025724	(54) Selector for Remotely Medical Device / Afterloading	B23K 26/36
(22) 02.06.2020	(71) Nucletron Operations B.V.	E01B 31/12
(54) METHOD AND SYSTEM FOR RECOGNIZING HUMAN POSTURE ON ELECTRIC BED	(74) ir. H.A. Witmans c.s.	(21) 2023968
(71) SHANDONG CANCER HOSPITAL AND INSTITUTE SHANDONG UNIVERSITY	(72) Frits Pieter de Vries	(22) 04.10.2019
(74) dr. J. van Straaten	Luuk Schouten	(54) Beam delivery system, method, train and transport system
(72) Shuanghu Yuan	Aalt Jacob Welgraven	(71) Laser Precision Solutions B.V.
Wei Li	(41) 27.05.2021	(74) ir. H.A. Witmans c.s.
Li Cao	(51) A62C 37/50	(72) Harm Medendorp
Ning Liu	(21) 1043397	Tim Bernardus Maria van Leent
Yinjun Dong	(22) 30.09.2019	Timon Daniel Berrier
Benwu Zhang	(54) Inrichting en werkwijze voor het toezicht houden op de paraatheid van een CO2 brandblusser	(41) 01.06.2021
Xudong Hu	(71) SK FireSafety Group B.V.	(51) B23B 51/04
Wenhong Hou	(72) Wilhelmus Adrianus Johannes Kwakkenbos	B28D 1/04
Shouhui Zhu	(41) 27.05.2021	(21) 2023967
Jinming Yu	(51) A62C 37/50	(22) 04.10.2019
(31) 201910876708.6	A62C 13/66	(54) Betonboor
(32) 17.09.2019	(21) 1043399	(71) STYRKA B.V.
(33) China	(22) 30.09.2019	(74) ir. W.J.J.M. Kempes
(51) A61B 5/11	(54) Inrichting en werkwijze voor het toezicht houden op de paraatheid van een patroonbrandblusser met een inwendige patroon	(72) Wouter de Faber
A61B 5/00	(71) SK FireSafety Group B.V.	(41) 01.06.2021
(21) 2024650	(72) Wilhelmus Adrianus Johannes Kwakkenbos	(51) B60R 11/02
(22) 10.01.2020	(41) 27.05.2021	G01C 21/26
(54) Sleep position training device and method for controlling such device	(51) A63F 9/10	(21) 2026650
(71) Side Sleep Technologies B.V.	(21) 1043420	(22) 09.10.2020
(74) ir. A.R. Aalbers	(22) 14.10.2019	(54) Werkwijze voor het herkennen van een bestemmingspositie van een weergave-en/of besturingseenheid in een vasthoudinrichting en een bijbehorende weergave-en/of besturingseenheid
(72) Michiel Jeroen Alessie	(54) AGE-ADAPTABLE JIGSAW PUZZLE.	(71) Robert Bosch GmbH
Idan Reuven Velleman	(71) Dirk Frits Sumter	(74) ir. H.A. Witmans c.s.
(31) 2023972	(72) Dirk Frits Sumter	(72) Carsten Lindstedt
(32) 07.10.2019	(41) 01.06.2021	Francesco Carello
(33) Netherlands	(51) B01D 1/00	Heiko Michael Schweickhardt
(51) A61F 5/37	H05B 6/80	(31) 102019215537.5
A61G 7/07	(21) 2023927	(32) 10.10.2019
(21) 2027641	(22) 01.10.2019	(33) Germany
(22) 24.02.2021	(54) In-flow evaporator	(51) B81B 1/00
(54) POSTOPERATIVE DRESSING CHANGE BRACKET FOR BRAIN TRAUMA	(71) Berkin B.V.	(21) 2023872
(71) THE FIRST AFFILIATED HOSPITAL OF ZHENGZHOU UNIVERSITY	Technische Universiteit Eindhoven	(22) 20.09.2019
(74) ir. W.J.J.M. Kempes	(74) ir. A. Blokland c.s.	(54) Microelectromechanical system component comprising a free-hanging or free-standing microchannel
(72) Tongwen Sun	(72) Jan Wouter van de Geest	(71) Berkin B.V.
Xiaojuan Zhang	Robertus Matheus Catherina Mestrom	(74) ir. A. Blokland c.s.
Xianfei Ding	Cornelius Maria Rops	(72) Jarno Groenesteijn
Haixu Wang	Ramiro Serra	Wouter Sparreboom
Huoyan Liang	(41) 01.06.2021	Jack Herman van Putten
Huan Liu	(51) B01F 13/00	Meint Jelle de Boer
(41) 28.05.2021	B01F 3/04	Henk-Willem Veltkamp
(51) A61N 1/36	(21) 2023947	Joost Conrad Lötters
A61B 5/04	(22) 03.10.2019	Remco John Wiegerink
(21) 1043406	(54) Stand-alone valve, adapter and aerator for use with a suction pump	Mahdieh Yariesbouei
(22) 07.10.2019	(71) Airtender Works B.V.	Miguel A. Rodriguez Olguin
(54) Invasief neurodegeneratieve filtersysteem om ongewenste signalen die van en naar de hersenen, zenuwbanen en spieren worden gezonden, te filteren en te blokkeren.	(74) ir. H.A. Witmans c.s.	Qihui Yu
(71) PharmaHope Holding BV	(72) Dalibor Borjanin	(41) 27.05.2021
(72) Drs Mehrdad Omidvar	Robert Franciscus van der Hulst	(51) B82Y 20/00
Maria Hubertina Johanna Knapen BSc	Rui Medeiros Santos	G02B 1/00
(41) 01.06.2021	(41) 01.06.2021	G02B 5/08
(51) A61N 5/10	(51) B08B 7/00	(21) 2023917
(21) 2023918	B23K 26/073	(22) 30.09.2019
(22) 30.09.2019	B23K 26/14	(54) High-selectivity dry release of dielectric structures
	B23K 26/142	(71) Technische Universiteit Delft
	B23K 26/146	(74) dr. L.J.P. Vogels
		(72) Simon Groeblicher
		Richard Norte

(41) 27.05.2021	(22) 20.09.2019	(71) Institute of Water Resources of Pastoral Area, MWR
(51) C01C 1/04	(54) CRACKING LONG CHAINED HYDROCARBONS FROM PLASTIC-CONTAINING WASTE AND ORGANIC LIQUIDS	(74) dr. T. Wittop Koning PhD
(21) 2023912		(72) Tianming Gao
(22) 26.09.2019		Jian Wang
(54) Periodic ammonia production	(71) Bluealp Innovations B.V.	Hu Liu
(71) Technische Universiteit Delft	(74) drs. W.H.P. Derks	Henglu Miao
(74) dr. A. Ellens c.s.	(72) Teunis Christiaan van der Ree	Jinrong Li
(72) Fokko Marten Mulder	(41) 27.05.2021	Nan Ge
(41) 27.05.2021		Zhiyong Cui
(51) C07C 33/14	(51) C23C 14/34	(41) 28.05.2021
C07C 17/10	H01J 37/32	(51) E04B 1/74
C07C 22/00	G05F 3/20	E06B 9/42
C07C 22/02	(21) 2023935	(21) 1043409
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C07C 67/11	(54) Determining an optimal ion energy for plasma processing of a dielectric substrate	(54) Vouwbaar systeem plaatsbaar of geplaatst in een daglichtopening
C07C 69/145	(71) Prodrive Technologies B.V.	(71) Innovy
(21) 2023931	(74) M. Gilio	(74) ir. J.C. Volmer c.s.
(22) 02.10.2019	(72) Qihao Yu	(72) drs. ing. Franklin Hagg
(54) OXIDATION OF SANTALENE TO SANTALOL	Erik Lemmen	(41) 01.06.2021
(71) Isobionics B.V.	Bastiaan Joannes Daniël Vermulst	(51) E04D 5/06
(74) dr. T. Hubregtse	(41) 31.05.2021	(21) 2023928
(72) Dominique Callant	(51) E01B 31/17	(22) 01.10.2019
Paul Alsters	(21) 2023916	(54) Dakbedekkingmateriaal
Karin Dautzenberg	(22) 27.09.2019	(71) Redeahold Apeldoorn B.V.
Angela Gonzales de Castro	(54) Lokaal slijpen van een spoorstaaf	(74) drs. A.A. Jilderda
Robert Trokowski	(71) VolkerWessels Intellectuele Eigendom bv	(72) Hendrikus Johannes Theresia Maria Meeusen
(41) 01.06.2021	(74) ir. M.F.J.M. Ketelaars c.s.	Apostolos Tsoukalas
(51) C07C 41/56	(72) Philip Dekker	(41) 27.05.2021
C07C 45/00	(41) 27.05.2021	(51) E06B 1/52
(21) 2026164	(51) E01C 3/00	E06B 3/12
(22) 29.07.2020	E01C 5/00	E06B 3/98
(54) SYSTEM AND METHOD FOR SYNTHESIZING POLYOXYMETHYLENE DIMETHYL ETHER FROM METHANOL	E01C 9/00	F16B 7/04
(71) Xi'an Shanghua Technology Development Co., Ltd.	E01C 15/00	(21) 1043402
(74) dr. T. Wittop Koning PhD	(21) 2025377	(22) 02.10.2019
(72) Hua Chen	(22) 20.04.2020	(54) FRAME CONSTRUCTIE MET VERBORGEN VERBINDINGSMIDDELEN
Hongxi Liu	(54) Fietspad met op een fundering aanwezige wegplaten	(71) Ing Johannes Lambertus Maria Heurkens
Liujun Yu	(71) Lauka Holding B.V.	Harm Paulus Rudolfus Altorf
Jianhua Lu	(74) ir. G.J.M. Verhees	(72) Ing Johannes Lambertus Maria Heurkens
Guicheng Li	(72) Johannes Hermanus Cornelis Henricus Swaans	Harm Paulus Rudolfus Altorf
Jianguo Hu	(41) 01.06.2021	(41) 31.05.2021
Yunhai Dong	(31) 2023941	(51) E21B 28/00
(41) 28.05.2021	(32) 02.10.2019	E21B 33/13
(51) C07K 14/775	(33) Netherlands	(21) 2023957
C12Q 1/26	(51) E02B 11/00	(22) 03.10.2019
G01N 33/68	A01G 25/06	(54) Vibrating cement injector
(21) 2027764	(21) 1043408	(71) Callidus Capital B.V.
(22) 17.03.2021	(22) 08.10.2019	(74) ir. H.A. Witmans c.s.
(54) SERUM PROTEIN MARKER SET AND TEST KIT FOR DETECTING ADVANCED SCHISTOSOMIASIS	(54) INRICHTING VOOR HET OP AFSTAND REGELEN VAN HET GRONDWATERPEIL VAN EEN LAND-, TUIN- OF BOSBOUWPERCEEL	(72) Feitze Veenstra
(71) JIANGSU INSTITUTE OF PARASITIC DISEASES	(71) Stichting de Hoeksche Waard op de Kaart	(41) 01.06.2021
(74) ir. W.J.J.M. Kempes	(72) Leon Noordam	(51) E21B 41/00
(72) Haiyong Hua	Leendert Willem Ampt	(21) 2023940
Yuzheng Huang	Peter Lerink	(22) 02.10.2019
Yi Huang	(41) 01.06.2021	(54) Method for plugging wellbores in the earth
Fang Sun	(51) E03B 3/02	(71) Filoform B.V.
Feng Tang	(21) 2027381	(74) mr. ir. J. van Breda c.s.
(51) C10G 1/10	(22) 25.01.2021	(72) Willem Ipenburg
C10G 7/00	(54) PORTABLE RAINWATER HARVESTING AND IRRIGATING DEVICE	Gerbrand Jozef Maria van Eijden
C10G 9/00		Gijsbert Henk Bakker
(21) 2023870		(41) 31.05.2021
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(21) 2027579	Olindo Isabella	integrity monitoring of bio-implantable chips.
(22) 18.02.2021	Hesan Ziar	
(54) FILLING MINING METHOD FOR FULL-SEAM MINING ALONG STRIKE OF METAL MINE	Bart Roeffen	(71) Technische Universiteit Delft
(71) Guizhou University	Johannis Pieter van der Linde	(74) ir. A. Blokland c.s.
(74) ir. J.C. Volmer c.s.	(31) GB 1913640.7	(72) Ömer Can Akgün
(72) Zhenqian Ma	(32) 20.09.2019	(41) 27.05.2021
Chuan Chen	(33) United Kingdom	(51) G02B 5/09
Guiyi Wu	(51) F25D 7/00	G02B 5/10
Dezhong Kong	A45B 3/00	H05G 2/00
Lin Gao	A45B 23/00	(21) 2026305
Yunqin Cao	F24F 5/00	(22) 20.08.2020
(41) 28.05.2021	(21) 2023966	(54) EXTREME ULTRAVIOLET LIGHT CONDENSER MIRROR, EXTREME ULTRAVIOLET LIGHT GENERATION APPARATUS, AND ELECTRONIC DEVICE MANUFACTURING METHOD
(51) F01N 3/00	(22) 04.10.2019	(71) Gigaphoton Inc.
F01N 3/22	(54) Apparatus for cooling	(74) ir. A. Blokland c.s.
F01N 3/30	(71) Technische Universiteit Delft	(72) Masayuki Morita
F01N 13/08	(74) mr. ir. J. van Breda c.s.	(31) 2019-187100
G03F 7/20	(72) Menno Blaauw	(32) 10.10.2019
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(21) 2026632	(51) G01N 11/10	(51) G02B 7/18
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(54) Exhaust System and Exhaust Method	G01N 21/03	G03F 7/20
(71) Ebara Corporation	(21) 2023921	H05G 2/00
(74) ir. M.F.J.M. Ketelaars c.s.	(22) 01.10.2019	(21) 2026304
(72) Keisuke Matsushima	(54) Meetsysteem voor levensmiddelen	(22) 20.08.2020
Kazutomo Miyazaki	(71) Lely Patent N.V.	(54) OPTICAL APPARATUS
(31) 2019-186629	(74) ir. M.J.F.M. Corten	(71) Gigaphoton Inc.
(32) 10.10.2019	(72) Frans Emo Diderik van Halsema	(74) ir. A. Blokland c.s.
(33) Japan	(41) 01.06.2021	(72) Hiroshi Someya
(51) F16C 17/02	(51) G01N 11/12	Yukio Watanabe
C10M 171/00	G01N 21/47	(31) 2019-183244
F16C 32/06	G01N 27/02	(32) 03.10.2019
F16C 33/10	G01N 33/04	(33) Japan
(21) 2023974	(21) 2023922	(51) G02C 7/10
(22) 07.10.2019	(22) 01.10.2019	(21) 1043400
(54) Self-healing bearing device using electric or magnetic fluids	(54) Meetsysteem voor levensmiddelen	(22) 30.09.2019
(71) Bifröst Research and Development B.V.	(71) Lely Patent N.V.	(54) Een bril met ingebouwde elektronica
Technische Universiteit Delft	(74) ir. M.J.F.M. Corten	(71) Mr Fahri Kaplan
(74) ir. J.C. Volmer c.s.	(72) Frans Emo Diderik van Halsema	(72) Mr Fahri Kaplan
(72) Stefan George Emile Lampaert	(41) 01.06.2021	(41) 27.05.2021
Ronald Adrianus Johannes van Ostayen	(51) G01N 21/03	(51) G06F 3/16
Maarten Cornelis de Graaf	G01N 33/04	H04M 1/72412
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(51) F24D 11/02	(22) 01.10.2019	(22) 28.08.2020
F24D 3/18	(54) Meetsysteem voor levensmiddelen	(54) INCOMING CALL PROMPT METHOD FOR MOBILE TERMINAL, AND INTELLIGENT HOUSEHOLD DEVICE
F28D 20/00	(71) Lely Patent N.V.	(71) Nanjing Robust Information Technology Co., Ltd.
H02S 40/44	(74) ir. M.J.F.M. Corten	(74) ir. A. Blokland c.s.
(21) 2023977	(72) Frans Emo Diderik van Halsema	(72) Bailing Xie
(22) 08.10.2019	(41) 28.05.2021	(41) 28.05.2021
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(71) Solar Energy Booster B.V.	G01N 33/14	(32) 29.05.2020
(74) ir. A. Blokland c.s.	G01N 33/04	(33) China
(72) Johannes Josephus Albertus Putman	G01N 33/18	(51) H01F 27/36
(41) 01.06.2021	(21) 2023925	H02J 50/10
(51) F24S 20/70	(22) 01.10.2019	H02J 50/70
F24S 30/45	(54) Meetsysteem voor levensmiddelen	H04B 15/02
H02S 20/32	(71) Lely Patent N.V.	H05K 9/00
(21) 2023874	(74) ir. M.J.F.M. Corten	(21) 2023959
(22) 21.09.2019	(72) Frans Emo Diderik van Halsema	(22) 03.10.2019
(54) A light-energy converter for floating on water	(41) 01.06.2021	(54) SHIELDED INDUCTIVE POWER TRANSFER SYSTEMS
(71) Technische Universiteit Delft	(51) G01N 27/04	
Hakkers B.V.	G01N 27/20	
Blue21 B.V.	(21) 2023915	
(74) P.J. Pollard B.Eng	(22) 27.09.2019	
(72) Hendrik Antoon van Laar	(54) A system, a sensor, a manufacturing method and a bio-implantable chip for measuring electrical resistance for	

(71) Prodrive Technologies B.V.	(74) ir. W.J.J.M. Kempes
(74) M. Gilio	(72) Changfang Chen
(72) Michel Alexander Hagenaar	Ruixia Liu
Danny Vos	Minglei Shu
Nilles Henricus Vrijzen	Tianlei Gao
Erik Lemmen	Shuwang Zhou
Tom Adrianus Henricus van der Kant	Lipan Bian
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H01M 10/653	(33) China
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(22) 26.09.2019	(21) 2023938
(54) BATTERY HEAT EXCHANGER	(22) 02.10.2019
(71) hinten beheer B.V.	(54) Method of multi-mode color control by an
(72) Petrus Johannes Hinten	LED driver
(41) 27.05.2021	(71) eldoLAB Holding B.V.
(51) H01Q 9/04	(74) ir. J.C. Volmer c.s.
H01Q 21/06	(72) Andy Johanna Elisabeth Otten
(21) 2023908	(41) 31.05.2021
(22) 26.09.2019	(51) H05B 47/105
(54) ANTENNA DEVICE WHICH IS	H05B 47/19
SUITABLE FOR WIRELESS	(21) 1043398
COMMUNICATIONS ACCORDING	(22) 30.09.2019
TO A 5G NETWORK STANDARD,	(54) Noodverlichtingsinstallatie, samenstel
RF TRANSCEIVER CONTAINING	van zo een noodverlichtingsinstallatie en
AN ANTENNA DEVICE, AND	andere apparatuur, en werkwijzen voor
METHOD FOR USE IN WIRELESS	het toezicht houden daarop
COMMUNICATIONS ACCORDING TO A	(71) SK FireSafety Group B.V.
5G NETWORK STANDARD.	(72) Wilhelmus Adrianus Johannes
(71) THE ANTENNA COMPANY	Kwakkenbos
INTERNATIONAL N.V.	(41) 27.05.2021
(74) ir. H.Th. van den Heuvel c.s.	
(72) Ali Naseer Hashim Al-Rawi	
Diego Caratelli	
(41) 27.05.2021	
(51) H02J 9/00	
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(21) 2023919	
(22) 30.09.2019	
(54) SYSTEMS AND METHODS FOR	
WIRELESS CHARGER DOCKING	
(71) Microsoft Technology Licensing, LLC	
(74) ir. J.C. Volmer c.s.	
(72) Daniel Thomas Nevistic	
Henri Antero Autio	
Carl Edward Picciotto	
Oscar Hochun To	
Ibrahim Iskender Kushan	
(41) 27.05.2021	
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H04W 52/24	
H04W 84/18	
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(22) 28.09.2020	
(54) CALCULATION METHOD OF	
WIRELESS BODY AREA NETWORK	
COEXISTENCE VALUE BASED ON	
RANDOM GEOMETRY	
(71) SHANDONG ARTIFICIAL	
INTELLIGENCE INSTITUTE	
SHANDONG COMPUTER	
SCIENCE CENTER (NATIONAL	
SUPERCOMPUTER CENTER IN JINAN)	

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(51) A01B 79/02 A01C 21/00 A01G 22/22 (11) 2026438 (47) 31.05.2021 (22) 10.09.2020 (54) METHOD FOR REDUCING METHANE EMISSIONS FROM RICE FIELDS BY CHANGING RHIZOSPHERE OXYGEN ENVIRONMENT (73) CHINA NATIONAL RICE RESEARCH INSTITUTE (72) Chunmei Xu Liping Chen Danying Wang Song Chen Guang Chu Xiufu Zhang (74) M. Schmid	(51) A21B 3/00 A47G 21/04 A47J 43/28 (11) 1043404 (47) 01.06.2021 (22) 04.10.2019 (54) PIZZASCHEP (73) Bos Kaasgereedschappen B.V. (72) Martijn Herman Bos (51) A23C 3/04 A23L 3/00 A23L 3/36 B01L 7/00 F25B 21/02 F25D 11/00 F25D 11/02 F25D 16/00 F25D 17/04 F25D 31/00 G01N 33/02 (11) 2023924 (47) 01.06.2021 (22) 01.10.2019 (54) Meetsysteem voor levensmiddelen (73) Lely Patent N.V. (72) Frans Emo Diderik van Halsema (74) ir. M.J.F.M. Corten	(51) A23L 5/20 A23L 17/60 (11) 2026395 (47) 31.05.2021 (22) 02.09.2020 (54) METHOD FOR DEODORIZATION OF SARGASSUM FUSIFORME (73) Wenzhou University (72) Hailong Yang Huabin Zhou Xiangting Wu Changwu Liu (74) M. Schmid
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(22) 09.10.2019	(22) 30.09.2019	(73) Airtender Works B.V.
(54) System comprising a display unit for storing and displaying food products, and multiple shelves, and method for storing and displaying refrigerated food products in a display unit	(54) Inrichting en werkwijze voor het toezicht houden op de paraatheid van een CO2 brandblusser	(72) Dalibor Borjanin
(73) Fri-Jado B.V.	(73) SK FireSafety Group B.V.	Robert Franciscus van der Hulst
(72) Robert Evert Willem Berents	(72) Wilhelmus Adrianus Johannes Kwakkenbos	Rui Medeiros Santos
Thomas Adrianus Maria van Bergen	(51) A62C 37/50	(74) ir. H.A. Witmans c.s.
(74) ir. R. Wijnstra	A62C 13/66	(51) B01J 23/28
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(22) 23.04.2020	(54) Inrichting en werkwijze voor het toezicht houden op de paraatheid van een patroonbrandblusser met een inwendige patroon	C01B 32/184
(54) ACCOMMODATING INTRAOCULAR LENS WITH ELASTICALLY CONTRACTING HAPTICS	(73) SK FireSafety Group B.V.	(11) 2022525
(73) AKKOLENS INTERNATIONAL B.V.	(72) Wilhelmus Adrianus Johannes Kwakkenbos	(47) 31.05.2021
(72) Michiel Christiaan Rombach	(51) A63F 9/10	(22) 07.02.2019
Willem Pieter van Lawick	(11) 1043420	(54) Graphene pellicle lithographic apparatus
(74) ir. H.Th. van den Heuvel c.s.	(47) 01.06.2021	(73) ASML Netherlands B.V.
(31) 2022990	(22) 14.10.2019	(72) Evgenia Kurganova
(32) 23.04.2019	(54) AGE-ADAPTABLE JIGSAW PUZZLE.	Adrianus Johannes Maria Giesbers
(33) Netherlands	(73) Dirk Frits Sumter	Alexander Ludwig Klein
(51) A61F 5/37	(72) Dirk Frits Sumter	Maxim Aleksandrovich Nasalevich
A61G 7/07	(51) B01D 1/00	Arnoud Willem Notenboom
(11) 2027641	H05B 6/80	Mária Péter
(47) 28.05.2021	(11) 2023927	Pieter-Jan van Zwol
(22) 24.02.2021	(47) 01.06.2021	David Ferdinand Vles
(54) POSTOPERATIVE DRESSING CHANGE BRACKET FOR BRAIN TRAUMA	(22) 01.10.2019	Sten Vollebregt
(73) THE FIRST AFFILIATED HOSPITAL OF ZHENGZHOU UNIVERSITY	(54) In-flow evaporator	Willem-Pieter Voorthuijzen
(72) Tongwen Sun	(73) Berkin B.V.	(74) ir. A.J.M. van Hoef
Xiaojuan Zhang	Technische Universiteit Eindhoven	(31) 18160866.2
Xianfei Ding	(72) Jan Wouter van de Geest	18212646.6
Haixu Wang	Robertus Matheus Catherina Mestrom	(32) 09.03.2018
Huoyan Liang	Cornelius Maria Rops	14.12.2018
Huan Liu	Ramiro Serra	(33) European Patent Office (EPO)
(74) ir. W.J.J.M. Kempes	(74) ir. A. Blokland c.s.	European Patent Office (EPO)
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(47) 01.06.2021	(47) 31.05.2021	B23K 26/142
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(54) Invasief neurodegeneratieve filtersysteem om ongewenste signalen die van en naar de hersenen, zenuwbanen en spieren worden gezonden, te filteren en te blokkeren.	(54) JET-STIRRING COUPLED POWDERY FLOCCULATING AGENT QUANTITATIVE DISPERSING MIXING SYSTEM	B23K 26/36
(73) PharmaHope Holding BV	(73) Anhui University of Science and Technology	E01B 31/12
(72) Drs Mehrdad Omidvar	(72) Wei Zhou	(11) 2023968
Maria Hubertina Johanna Knapen BSc	Jinbo Zhu	(47) 01.06.2021
(51) A61N 5/10	Fanfei Min	(22) 04.10.2019
(11) 2023918	Chuanchuan Cai	(54) Beam delivery system, method, train and transport system
(47) 27.05.2021	Yong Zhang	(73) Laser Precision Solutions B.V.
(22) 30.09.2019	Anan Feng	(72) Harm Medendorp
(54) Selector for Remotely Medical Device / Afterloading	(74) drs. P.A. van Essen c.s.	Tim Bernardus Maria van Leent
(73) Nucletron Operations B.V.	(31) 201910367943.0	Timon Daniel Berrier
(72) Frits Pieter de Vries	(32) 05.05.2019	(74) ir. H.A. Witmans c.s.
Luuk Schouten	(33) China	(51) B23B 51/04
Aalt Jacob Welgraven	(51) B01F 13/00	B28D 1/04
(74) ir. H.A. Witmans c.s.	B01F 3/04	(11) 2023967
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		(73) STYRKA B.V.
		(72) Wouter de Faber
		(74) ir. W.J.J.M. Kempes
		(51) B41M 1/04
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		(54) METHOD FOR IMPROVING USE OF OFFSET PRINTING ONLINE GLAZING

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(73) ZHEJIANG MINONG CENTURY GROUP CO., LTD.	(11) 2024759 (47) 31.05.2021	(72) Teunis Christiaan van der Ree
(72) Xiaobin Zhang	(22) 24.01.2020	(74) drs. W.H.P. Derks
Ning Chen	(54) ALL-ORGANIC STRAW GRANULAR FERTILIZER AND PREPARATION METHOD THEREFOR	(51) C23C 14/34 H01J 37/32 G05F 3/20
Yi Zhang	(73) Chinese Academy of Agricultural Sciences	(11) 2023935 (47) 31.05.2021
Zhong Zhang	(72) Jin Wang	(22) 02.10.2019
Jun Lu	Yuyi Li	(54) Determining an optimal ion energy for plasma processing of a dielectric substrate
Xingkang Zhang	Nana Liu Liu	(73) Prodrive Technologies B.V.
(74) M. Schmid	Hongyuan Zhang	(72) Qihao Yu
(51) B65D 81/18	Xiaoli Zhang	Erik Lemmen
B65D 90/02	Huancheng Pang	Bastiaan Joannes Daniël Vermulst
B65D 90/08	(74) dr. T. Wittop Koning PhD	(74) M. Gilio
(11) 2026472	(31) 201910548734.6	(51) E01B 31/17
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(22) 15.09.2020	(33) China	(47) 27.05.2021
(54) A DETACHABLE COLD STORAGE WALL	(51) C07C 33/14 C07C 17/10 C07C 22/00 C07C 22/02 C07C 29/09 C07C 67/11 C07C 69/145	(22) 27.09.2019
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(72) Zisheng Luo	(47) 01.06.2021	(73) VolkerWessels Intellectuele Eigendom bv
Li Li	(22) 02.10.2019	(72) Philip Dekker
Yanqun Xu	(54) OXIDATION OF SANTALENE TO SANTALOL	(74) ir. M.F.J.M. Ketelaars c.s.
Tiejun Ying	(73) Isobionics B.V.	(51) E01C 3/00 E01C 5/00 E01C 9/00 E01C 15/00
(74) M. Schmid	(72) Dominique Callant	(11) 2025377
(51) B81B 1/00	Paul Alsters	(47) 01.06.2021
(11) 2023872	Karin Dautzenberg	(22) 20.04.2020
(47) 27.05.2021	Angela Gonzales de Castro	(54) Fietspad met op een fundering aanwezige wegplaten
(22) 20.09.2019	Robert Trokowski	(73) Lauka Holding B.V.
(54) Microelectromechanical system component comprising a free-hanging or free-standing microchannel	(74) dr. T. Hubregtse	(72) Johannes Hermanus Cornelis Henricus Swaans
(73) Berkin B.V.	(51) C07C 41/56 C07C 45/00	(74) ir. G.J.M. Verhees
(72) Jarno Groenesteijn	(11) 2026164	(31) 2023941
Wouter Sparreboom	(47) 28.05.2021	(32) 02.10.2019
Jack Herman van Putten	(22) 29.07.2020	(33) Netherlands
Meint Jelle de Boer	(54) SYSTEM AND METHOD FOR SYNTHESIZING POLYOXYMETHYLENE DIMETHYL ETHER FROM METHANOL	(51) E01C 11/22 E01C 11/26
Henk-Willem Veltkamp	(73) Xi'an Shanghua Technology Development Co., Ltd.	(11) 2024794
Joost Conrad Lötters	(72) Hua Chen	(47) 31.05.2021
Remco John Wiegerink	Hongxi Liu	(22) 30.01.2020
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(51) B82Y 20/00	Yunhai Dong	Yunhe Su
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G02B 5/08	(51) C10G 1/10 C10G 7/00 C10G 9/00	Lisha Dong
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(74) dr. A. Krebs (31) 2023409 2023408 (32) 28.06.2019 28.06.2019 (33) Netherlands Netherlands	(73) Ing Johannes lambertus Maria Heurkens Harm Paulus Rudolfus Altorf (72) Ing Johannes lambertus Maria Heurkens Harm Paulus Rudolfus Altorf	(73) Guizhou University (72) Zhenqian Ma Chuan Chen Guiyi Wu Dezhong Kong Lin Gao Yunqin Cao
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EP1

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EP2

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A61K 36/61	SHOES INCLUDING THE SAME	(72) LALIRE, Fanny
A61K 36/9064	(73) Park, Hong-Soon	DIOLOGENT, Frédéric
A61M 35/00	(72) Park, Hong-Soon	(51) A45C 11/00
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E05B 47/00	(21) EP17767280.5	F16M 11/42
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(73) Daizo Corporation	(51) A47B 3/091	A47C 17/04
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JIAO, Yongjun	(72) Kaufmann, Robin	aux Énergies Alternatives
LI, Long	Carls, Alexander	(72) DELMAS, Jérôme
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HOLT, Jason K.	(73) Tartler, Udo	METHOD FOR OPERATING THE
SZMODIS, Alan W.	(72) Tartler, Udo	SAME IN AN ARRANGEMENT FOR
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C21D 1/673	(51) B21D 39/03	F28F 9/02
C21D 6/00	(11) EP3769859	F28F 21/08
C21D 8/02	(21) EP19187992.3	(11) EP3486593
C21D 9/46	(47) 02.06.2021	(21) EP18206398.2
C22C 21/02	(22) 24.07.2019	(47) 02.06.2021
C22C 38/02	(54) SHEET METAL JOINING APPARATUS	(22) 15.11.2018
C22C 38/06	WITH A DIE ASSEMBLY AND THE	(54) PLATE HEAT EXCHANGER FOR AIR
C22C 38/22	METHOD FOR ITS ASSEMBLY	CONDITIONER
C22C 38/26	(73) BTM Company LLC	(73) LG Electronics Inc.
C22C 38/28	(72) SPROTBERRY, Steven J.	(72) Lee, Eungyul
C22C 38/32	(51) B21D 39/04	Kim, Juhok
C22C 38/38	B25B 27/10	(31) 20170152513
C22C 38/44	(11) EP3209440	(32) 15.11.2017
C22C 38/46	(21) EP15783970.5	(33) Korea (Republic)
C22C 38/48	(47) 02.06.2021	(51) B21D 53/08
C22C 38/50	(87) EP2015072670	B23P 15/26
C22C 38/54	28.04.2016	B23P 19/02
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(54) STEEL FOR PRESS HARDENING	(31) 102014115255	(47) 02.06.2021
AND PRESS HARDENED PART	102014115358	(87) JP2014000465
MANUFACTURED FROM SUCH STEEL	(32) 20.10.2014	07.08.2014
(73) ArcelorMittal	22.10.2014	(22) 29.01.2014
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POIRIER, Maria	Germany	APPARATUS
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C22F 1/047	(21) EP16769859.6	TANAKA, Yoshikazu
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(22) 19.04.2010	FOR PRODUCING A ROLLER TUBE	B21H 1/22
(54) METHOD FOR PRODUCING A	(73) Interroll Holding AG	B21H 5/00
SHAPED PART	(72) HASTRUP, Niels	B23P 15/14
(73) voestalpine Metal Forming GmbH	(31) 102015012665	(11) EP2125266
(72) RADLMAYR, Karl Michael	(32) 30.09.2015	(21) EP08733660.8
STALL, Wolfgang	(33) Germany	(47) 02.06.2021
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(33) European Patent Office (EPO)	(11) EP3501685	(54) METHOD FOR MANUFACTURING A
(51) B21D 26/021	(21) EP17840907.4	TOOTHED DISC
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B05D 7/14	(87) CN2017093773	(72) SABO, John
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(47) 02.06.2021	CONVEYING EQUIPMENT AND	(51) B22C 1/14
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(22) 16.12.2011	Development Co., Ltd.	(47) 02.06.2021
(54) mask template, system and method for	(72) WANG, Kaiyu	(22) 17.07.2018
applying a coating of a lubricant material	(31) 201610674215	(54) APPARATUS AND METHOD FOR
to a surface of a sheet metal blank	(32) 16.08.2016	INVESTMENT CASTING CORE
(73) Magna International Inc.		MANUFACTURE

(73) Raytheon Technologies Corporation	(21) EP17275061.4	SUBRAMANIAM, Shanker
(72) BRENEMAN, Ryan C.	(47) 02.06.2021	FAUTEUX, Paul
BULLIED, Steven J.	(22) 28.04.2017	(31) 201562153724 P
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B22C 9/02	B22D 25/02	B22F 3/10
B22C 9/04	B60B 35/18	B22F 3/16
B22C 9/06	B60G 7/00	B22F 3/22
B22C 9/10	B62D 7/18	B22F 5/00
B22C 9/22	(11) EP3418157	(11) EP3381591
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B22D 27/04	14.12.2017	12.10.2017
B22F 3/105	(22) 29.03.2017	(22) 07.02.2017
B22F 5/04	(54) AUTOMOBILE KNUCKLE	(54) SINTERED BODY PRODUCTION
B23P 6/00	MANUFACTURING METHOD AND	METHOD AND COMBUSTOR PANEL
C30B 11/00	AUTOMOBILE KNUCKLE	PRODUCTION METHOD
C30B 21/00	(73) Mazda Motor Corporation	(73) Mitsubishi Heavy Industries Aero
C30B 21/02	(72) KAJIKAWA, Hisashi	Engines, Ltd.
C30B 29/52	TANAKA, Eiichi	(72) SUZUKI Kenji
F01D 5/14	IWANO, Mitsuo	TERAUCHI Syuntaro
F01D 5/18	KITANO, Junki	KITAGAKI Hisashi
F01D 9/06	(31) 2016112617	HANAMI Kazuki
B33Y 10/00	(32) 06.06.2016	HANADA Tadayuki
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(22) 17.04.2014	C22C 9/00	C22C 45/02
(54) REGENERATING AN ADDITIVELY	C23C 14/06	H01F 1/26
MANUFACTURED COMPONENT	C23C 14/34	H01F 3/10
(73) Raytheon Technologies Corporation	(11) EP2980268	H01F 17/00
(72) MCBRIEN, John	(21) EP14773134.3	H01F 17/04
CASTLE, Lea Kennard	(47) 02.06.2021	H01F 27/28
SPANGLER, Brandon W.	(87) JP2014058867	H01F 27/32
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(51) B22C 9/04	SAME	25.01.2018
B22C 9/10	(73) Mitsubishi Materials Corporation	(22) 17.07.2017
B22D 29/00	(72) KATO Shinji	(54) POWER INDUCTOR
B23H 9/10	ZHANG Shoubin	(73) Moda-Innochips Co., Ltd.
B23H 9/14	KOMIYAMA Shozo	(72) PARK, In Kil
F01D 5/18	(31) 2013071195	KIM, Gyeong Tae
F02C 7/00	2013240056	NAM, Ki Joung
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(22) 08.09.2016	C22C 21/02	F16J 15/08
(54) ROTOR BLADE AND ROTOR BLADE	C22F 1/043	(11) EP3333367
MANUFACTURING METHOD	(11) EP3289111	(21) EP17204881.1
(73) Mitsubishi Power, Ltd.	(21) EP16787101.1	(47) 02.06.2021
(72) TAKAMURA Keita	(47) 02.06.2021	(22) 01.12.2017
HADA Satoshi	(87) US2016029654	(54) ADDITIVE MANUFACTURED
ATSUMI Hidekatsu	03.11.2016	SEAL FOR INSERT
SHINTANI Tomofumi	(22) 28.04.2016	COMPARTMENTALIZATION IN A
(31) 2015181691	(54) SYSTEM AND METHOD FOR HEAT	TURBINE COMPONENT
(32) 15.09.2015	TREATING ALUMINUM ALLOY	(73) General Electric Company
(33) Japan	CASTINGS	(72) SNIDER, Zachary John
(51) B22C 9/08	(73) Consolidated Engineering Company, Inc.	DUTTA, Sandip
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(32) 08.12.2016	TOOL HAVING A HARD COATING	C22C 21/14
(33) United States of America	LAYER THAT EXHIBITS EXCELLENT	C22F 1/00
(51) B22F 3/14	CHIPPING RESISTANCE	C22F 1/05
B22F 7/06	(73) Mitsubishi Materials Corporation	H01M 10/613
B23K 11/31	(72) TATSUOKA Sho	H01M 10/625
B23K 35/20	YAMAGUCHI Kenji	H01M 10/651
C22C 1/04	(31) 2014089047	H01M 10/653
C22C 9/00	2015085625	H01M 10/6554
C22C 16/00	(32) 23.04.2014	H01M 10/6556
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(54) ELECTROCONDUCTIVE SUPPORT	(21) EP16164509.8	(22) 07.10.2016
MEMBER AND METHOD FOR	(47) 02.06.2021	(54) METHOD FOR MANUFACTURING
MANUFACTURING SAME	(22) 08.04.2016	COOLING UNIT
(73) NGK Insulators, Ltd.	(54) METHOD OF ADDITIVELY	(73) Nippon Light Metal Company, Ltd.
Tohoku University	MANUFACTURING A GEAR FOR	(72) HIRAYAMA, Tomoyuki
(72) GOTO, Takashi	A GEARED ARCHITECTURE GAS	KIKUCHI, Yuichi
KATSUI, Hirokazu	TURBINE ENGINE	AKIMOTO, Tatsunori
MURAMATSU, Naokuni	(73) Raytheon Technologies Corporation	SEKI, Kazuhito
NAKAJIMA, Takanari	(72) McCUNE, Michael E.	MOGI, Akihiro
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(33) Japan	(33) United States of America	(32) 26.10.2015
(51) B22F 3/24	(51) B23F 23/12	(33) Japan
B22F 5/08	G05B 19/18	(51) B23K 1/00
C22C 33/02	G05B 19/41	B23K 35/02
C22C 38/04	(11) EP3242176	B23K 35/30
C22C 38/12	(21) EP17166831.2	B23K 35/36
C22C 38/22	(47) 02.06.2021	B23K 35/362
(11) EP3194631	(22) 18.04.2017	B23K 35/365
(21) EP15763914.7	(54) METHOD FOR COGGING A	B23K 35/368
(47) 02.06.2021	WORKPIECE	C22C 38/02
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METHOD FOR MAKING A SINTERED	(33) Germany	(21) EP16893452.9
COMPONENT	(51) B23H 11/00	(47) 02.06.2021
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(32) 16.09.2014	(47) 02.06.2021	(54) FLUX-CORED WIRE,
(33) European Patent Office (EPO)	(22) 07.09.2015	MANUFACTURING METHOD OF
(51) B22F 5/00	(54) ROTARY TABLE APPARATUS AND	WELDED JOINT, AND WELDED JOINT
B23B 27/14	ELECTRIC DISCHARGE MACHINE	(73) Nippon Steel Corporation
B23C 5/16	USING THE ROTARY TABLE	(72) WATANABE Kotaro
C22C 26/00	APPARATUS	KUMAGAI Tatsuya
C22C 29/04	(73) FANUC CORPORATION	FUJIMOTO Hiroki
C22C 29/08	(72) YAMASAKI, Mizuho	TOTSUKA Yasuhito
C23C 16/30	MAKINO, Yoshinori	
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C23C 16/40	(33) Japan	H05B 6/10
C23C 16/455	(51) B23K 1/00	H05B 6/14
C23C 28/04	B23K 1/002	(11) EP3143836
C23C 30/00	B23K 1/19	(21) EP15710027.2
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29.10.2015	B23K 103/10	(54) INDUCTION HEATING SYSTEM
(22) 23.04.2015	C22C 21/00	CONNECTION BOX
	C22C 21/02	(73) Illinois Tool Works Inc.
		(72) MLNARIK, Kevin John

LIEBERT, Scott Stephen	(87) US2014010359	(54) METAL PARTICLES HAVING
GARVEY, Paul William	17.07.2014	INTERMETALLIC COMPOUND NANO-
VERHAGEN, Paul David	(22) 06.01.2014	COMPOSITE STRUCTURE CRYSTAL
(31) 201414280262	(54) TUBULAR FRICTION WELDING	(73) Napra Co., Ltd.
(32) 16.05.2014	JOINING METHOD WITHOUT	(72) Sekine, Shigenobu
(33) United States of America	ROTATION OF THE TUBULARS	(31) 2016065287
(51) B23K 9/09	(73) Baker Hughes, a GE company, LLC	(32) 29.03.2016
B23K 35/30	(72) LEHR, Joerg	(33) Japan
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(22) 01.04.2015	B23K 26/70	B23K 26/364
(54) METHOD AND SYSTEM TO USE	(11) EP3112073	B23K 26/38
AC WELDING WAVEFORM AND	(21) EP15755038.5	B23K 26/40
ENHANCED CONSUMABLE TO	(47) 02.06.2021	B23K 26/402
IMPROVE WELDING OF GALVANIZED	(87) JP2015000895	(11) EP3363771
WORKPIECE	03.09.2015	(21) EP18157940.0
(73) Lincoln Global, Inc.	(22) 24.02.2015	(47) 02.06.2021
(72) HENRY, Judah Benjamin	(54) LASER CUTTING SYSTEM	(22) 19.11.2014
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PETERS, Steven R.	Management Co., Ltd.	RELEASING CLOSED FORMS FROM
LIAO, Yen-Chih	(72) KUNG, Yiheng	A TRANSPARENT SUBSTRATE USING
(31) 201461975227 P	MUKAI, Yasushi	BURST OF ULTRAFast LASER
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(32) 04.04.2014	(31) 2014033760	(73) Rofin-Sinar Technologies LLC
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B23K 9/10	B23K 101/06	(51) B23P 15/04
B23K 9/16	B60B 35/00	F01D 5/28
B23K 31/02	B60K 17/36	(11) EP3323997
(11) EP3296051	F16C 3/02	(21) EP17202345.9
(21) EP17191784.2	(11) EP3576901	(47) 02.06.2021
(47) 02.06.2021	(21) EP18703459.0	(22) 17.11.2017
(22) 19.09.2017	(47) 02.06.2021	(54) AIRFOIL WITH CERAMIC AIRFOIL
(54) METHOD OF CONTROLLING	(87) US2018015187	PIECE HAVING INTERNAL COOLING
A WELDING DEVICE, SYSTEM	09.08.2018	CIRCUIT
COMPRISING A WELDING DEVICE	(22) 25.01.2018	(73) Raytheon Technologies Corporation
AND COMPUTER PROGRAM	(54) A VEHICLE SPINDLE AND A METHOD	(72) PROPHETER- HINCKLEY, Tracy A.
(73) EWM AG	OF ATTACHING THE SPINDLE TO	McCAFFREY, Michael G.
(72) Szczesny, Michael	A PORTION OF AN AXLE HOUSING	SURACE, Raymond
Bajohr, Nils	WITH ALIGNMENT OF THE SPINDLE	DEVORE, Matthew A.
(31) 102016117626	WITH RESPECT TO THE AXLE	(31) 201615354093
(32) 19.09.2016	HOUSING	(32) 17.11.2016
(33) Germany	(73) Dana Heavy Vehicle Systems Group,	(33) United States of America
(51) B23K 9/20	LLC	(51) B23Q 1/01
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(21) EP17197803.4	TROST, Harry W.	(21) EP14723883.6
(47) 02.06.2021	(31) 201715420950	(47) 02.06.2021
(22) 23.10.2017	(32) 31.01.2017	(87) IB2014060547
(54) METHOD OF CONTROLLING THE	(33) United States of America	04.12.2014
REMAINING LIFE TIME OF A STUD	(51) B23K 35/02	(22) 09.04.2014
HOLDER IN A STUD WELDING	B23K 35/26	(54) NC MACHINES WITH IMPROVED
DEVICE, AND ARRANGEMENT TO	B23K 35/30	WORKTABLE
IMPLEMENT THE SAME	C22C 9/00	(73) Promac S.r.l.
(73) Newfrey LLC	C22C 9/02	(72) CARRARO, Lucio
(72) Eissara, Bah	C22C 13/00	(31) PD20130149
Krause, Tobias	H01B 1/02	(32) 27.05.2013
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B23K 20/12	H01B 1/22	(51) B23Q 3/155
B23K 101/06	(11) EP3225348	B23Q 7/10
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(87) EP2017057862	(47) 02.06.2021	(22) 30.04.2018
12.10.2017	(22) 04.05.2020	(54) METHOD AND APPARATUS FOR
(22) 03.04.2017	(54) METHOD AND DEVICE FOR	EFFLUENT MONITORING FOR BRUSH
(54) CHANGING STATION AND METHOD	CONTROLLING A PART DURING	CONDITIONING
FOR THE AUTOMATIC CHANGING OF	MANUFACTURING	(73) Illinois Tool Works Inc.
ABRASIVES	(73) I-MC	(72) WITHERS, Bradley
(73) Ferrobotics Compliant Robot Technology	(72) NOZAIS, Dominique	HUGHES, Corey Alan
GmbH	SHAO, Zilong	NELSON, Erik Scott
(72) NADERER, Ronald	HASCOET, Jean-Yves	CHRISTIE, Steven Kenneth
(31) 102016106141	(31) 1904696	BEST, Brent Allan
(32) 04.04.2016	(32) 03.05.2019	(31) 201715600021
(33) Germany	(33) France	(32) 19.05.2017
(51) B23Q 7/14	(51) B24B 5/16	(33) United States of America
B65D 25/06	B24B 9/16	(51) B25B 9/02
B65D 25/10	B24B 19/02	(11) EP3078454
(11) EP3290152	B24B 19/03	(21) EP16159501.2
(21) EP17189062.7	B24B 19/26	(47) 02.06.2021
(47) 02.06.2021	B24B 27/00	(22) 09.03.2016
(22) 01.09.2017	B24B 49/05	(54) DEVICE WITH PARALLEL GRIPPING
(54) WORKPIECE HOLDER	B24B 49/12	SURFACE
(73) Hörnle, Stephan	B24B 51/00	(73) Madjid, Ahrar
(72) Hörnle, Stephan	G05B 19/401	(72) Madjid, Ahrar
(31) 93196	(11) EP3765237	(31) 102015105450
(32) 02.09.2016	(21) EP18826374.3	(32) 09.04.2015
(33) Luxembourg	(47) 02.06.2021	(33) Germany
(51) B23Q 11/00	(87) EP2018086552	(51) B25B 21/00
B23Q 17/22	19.09.2019	B25B 23/147
G01B 5/00	(22) 21.12.2018	(11) EP3612354
G01D 5/244	(54) DIAMOND DRESSING	(21) EP18715700.3
G01D 5/347	MANUFACTURING METHOD	(47) 02.06.2021
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(21) EP15760499.2	PERFORMED ON ITEMS SUCH	25.10.2018
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(73) GEA Food Solutions Germany GmbH	B65D 6/00	DOBRAS, Stanisław
(72) BADER, Christian	B65D 6/34	PRZYGODZKI, Krzysztof
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HIGASHI, Kosuke	Deutsche Institute für Textil- und	(72) BOLTON, Joseph A.
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B29L 31/00	S.p.A In Sigla IMA S.P.A.	(72) HAAHR, Arne
B67C 3/22	(72) FURLOTTI, Filippo	HEDGES, Andrew
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(54) FILLING PLANT AND METHOD	(21) EP17182641.5	(11) EP3615432
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PRODUCT	(54) APPARATUS FOR ADDITIVELY	(87) EP2018059224
(73) Sidel Participations	MANUFACTURING OF THREE-	01.11.2018
(72) CENCI, Mattia	DIMENSIONAL OBJECTS	(22) 11.04.2018
FUSARO, Alessandro	(73) CL Schutzrechtsverwaltungs GmbH	(54) DEVICE FOR SEALING A PACKAGING
(51) B29C 49/46	(72) Winiarski, Daniel	MATERIAL WEB
B29C 48/20	Stammberger, Jens	(73) Syntegon Packaging Systems AG
(11) EP3356114	Hofmann, Alexander	(72) EMMRICH, Benjamin
(21) EP16766482.0	(51) B29C 64/393	SCHWARZ, Daniel
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(54) DEVICE FOR REDUCING	23.07.2015	(51) B29C 67/20
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(73) Kocher-Plastik Maschinenbau GmbH	OBJECT DATA OF AN OBJECT TO	(21) EP07871160.3
(72) GROH, Martin	BE GENERATED BY AN ADDITIVE	(47) 02.06.2021
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(51) B29C 51/04	GIRALT, Josep	(73) C.R. Bard, Inc.
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(54) ASSEMBLY FOR MANUFACTURING	(87) IB2018052491	(47) 02.06.2021
FILLABLE CONTAINERS AND A	29.11.2018	(22) 12.04.2019
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MANUFACTURING ASSEMBLY AND A	(54) A DEVICE FOR ASSEMBLING PLASTIC	LAYERS
CORRESPONDING METHOD	OBJECTS	(73) Raytheon Technologies Corporation
(73) I.M.A. Industria Macchine Automatiche	(73) Telerobot S.p.A.	(72) KLING, Colin J.
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(72) FURLOTTI, Filippo	(31) 201700055395	(31) 201862657252 P
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(22) 08.02.2018	(87) DK2018050061	(54) MOULDING METHOD
(54) STATION AND METHOD FOR HEATING	11.10.2018	(73) Gurit (UK) Ltd.
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B29D 99/00	SYSTEM	C08L 83/06
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(54) METHOD FOR MANUFACTURING	(51) B29D 30/00	(22) 28.04.2015
A COMPOSITE MATERIAL PART	B29D 30/06	(54) PROCESS FOR PRODUCING TYRES
COMPRISING A BODY EXTENDED BY	(11) EP3562659	FOR VEHICLE WHEELS
A REINFORCED ATTACHMENT END	(21) EP17835494.0	(73) Pirelli Tyre S.p.A.
(73) Safran	(47) 02.06.2021	(72) BERENGUER, Albert
(72) LANFANT, Nicolas Pierre	(87) IB2017057485	CASTELLANI, Luca
COUPE, Dominique Marie Christian	05.07.2018	MICELI, Riccardo
FAIVRE D'ARCIER, Pierre	(22) 29.11.2017	(31) MI20140798
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(51) B29C 70/38	PRESS	(11) EP3595882
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(54) DEVICE AND METHOD FOR FORMING	METHOD	(33) Germany
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(73) Star Leader Trading Limited	(72) NAGAYOSHI, Hiraku	(51) B30B 9/30
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(54) METHOD AND SYSTEM FOR	(21) EP17809434.8	(33) Germany
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G10K 11/168	BLANC, Patrice	C08K 3/013
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CANALA, Valentina	H01M 8/1067	MOUNTING METHOD USING SAME
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(33) France	(72) CARRIER, Sebastien	CARRIE, Sébastien
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(54) MOTOR VEHICLE HAVING AT LEAST	MOVEMENT AND ADJUSTMENT OF	(72) Henseler, Richard
ONE VEHICLE SEAT	AUTOMOTIVE VEHICLES SEATS	Frank, Richard
(73) Audi AG	(73) Aethra Sistemmas Automotivos S/A	(51) B60N 2/28
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COMPONENTS FORMED FROM THE	(72) SAVUSHKIN, Roman Aleksandrovich	MANOEUVRE
METHOD	KYAKK, Kirill Valterovich	(73) ZKW Group GmbH
(73) Inteva Products LLC	KONONENKO, Aleksandr Sergeevich	(72) HARTMANN, Peter
(72) WENZEL, Edward J.	VLADIMIROV, Aleksandr Viktorovich	REINPRECHT, Markus
MASSETTI, Joseph A.	LYALENKO, Daniil Alekseevich	PÜRSTINGER, Josef
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(72) MONTAGNE, Quentin	(51) B60Q 1/08	BONNET OF A MOTOR VEHICLE BY
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(72) Sawetzki, Bernhard	REGARDLESS OF THE POSITION	03.01.2019
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(47) 02.06.2021	AND DRIVER IDENTITY RECOGNITION	
(22) 15.01.2018	METHOD	
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DEVICE	SI, Heshuai	
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CONTROL	B60T 8/172	TARANDEK, Kristijan
(73) ROSEMOUNT AEROSPACE INC.	B60T 17/22	JUNGBECKER, Johann
(72) VENKATAMUNIBHASKARAN, Ramesh	(11) EP3124342	(31) 102013203733
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(51) B60S 1/60	OR MORE BRAKES OF A VEHICLE	Germany
H04N 5/225	(73) KNORR-BREMSE Systeme für	(51) B60T 17/08
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(33) Germany	G05D 1/00	HE, Jiarui
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B60W 10/18	B60W 30/095	YANG, Guang
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B61L 25/02	B61G 5/02	TAKEICHI, Michifumi
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DUBAN, Patrick	B61D 39/00	SAME, AND STEERING WHEEL
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VIGUIER, Quentin	(21) EP14710616.5	SKELETON COVER
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METHOD FOR MOUNTING AN	G09F 19/18	(87) EP2017080932
UNDERFLOOR COMPONENT ON A	G09F 19/22	07.06.2018
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(73) Bombardier Transportation GmbH	(21) EP17199709.1	(73) Dalphi Metal España, S.A.
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(32) 24.09.2014	(54) METHOD FOR VISUALISING	PEREIRO COTO, Pedro
(33) Germany	INFORMATION FOR PASSENGERS OF	SEGOVIA ROMERO, Miguel
(51) B61C 17/04	A VEHICLE	SANTORIO CANCELAS, Alberto
(11) EP3686077	(73) Bombardier Transportation GmbH	CARBALLIDO, Rafael
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(73) ALSTOM Transport Technologies	WITH SAME	(51) B62D 1/181
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(72) TERADA, Daisuke	(47) 02.06.2021	(21) EP19153710.9
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(51) B62D 5/00	(54) AC ROTATING MACHINE CONTROL DEVICE AND ELECTRIC POWER STEERING DEVICE EQUIPPED WITH SAME	(73) Schnippering, Axel
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(22) 08.12.2016	(72) DROUET, Sébastien	(54) METHODS, SYSTEMS, AND DEVICES
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(73) Grass GmbH	(33) France	(72) DOHERTY, Dale R.
(72) Herper, Markus	(51) E06C 1/20	(31) 201762526708 P
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		(73) Eckel Manufacturing Co. Inc.

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(51) E21B 21/06 E21B 44/00 E21B 49/08 (11) EP3445946 (21) EP17786327.1 (47) 02.06.2021 (87) US2017026126 26.10.2017 (22) 05.04.2017 (54) DRILLING FLUID PH MONITORING AND CONTROL (73) Baker Hughes Holdings LLC (72) SARMIENTO-KLAPPER, Helmut OCHOA, Brian (31) 201615134095 (32) 20.04.2016 (33) United States of America	(51) E21B 31/113 (11) EP3553272 (21) EP19166879.7 (47) 02.06.2021 (22) 02.04.2019 (54) HYDRAULIC DRILLING JAR WITH HYDRAULIC LOCK PISTON (73) Weatherford Technology Holdings, LLC (72) WILSON, Timothy (31) 201815944147 (32) 03.04.2018 (33) United States of America	(51) E21B 43/08 E21B 43/10 E21B 44/10 E21B 47/01 E21B 47/017 E21B 47/06 (11) EP3572618 (21) EP19185436.3 (47) 02.06.2021 (22) 26.09.2012 (54) SNORKEL TUBE WITH DEBRIS BARRIER FOR ELECTRONIC GAUGES PLACED ON SAND SCREENS (73) HALLIBURTON ENERGY SERVICES, INC. (72) Richards, William M. Frosell, Thomas Jules
(51) E21B 21/08 E21B 43/12 G01F 1/64 G01F 1/74 G01N 27/02 G01V 3/18 G01V 3/20 E21B 47/10 (11) EP3359771 (21) EP15910907.3 (47) 02.06.2021 (87) US2015066063 22.06.2017 (22) 16.12.2015 (54) ELECTRICAL IMPEDANCE TOMOGRAPHY USING A SWITCHABLE ARRAY (73) Halliburton Energy Services, Inc. (72) HUANG, Wei, Hsuan	(51) E21B 33/12 E21B 33/127 E21B 33/138 (11) EP3119981 (21) EP15715556.5 (47) 02.06.2021 (87) US2015021680 24.09.2015 (22) 20.03.2015 (54) METHOD AND APPARATUS FOR SEALING AN UNDESIRABLE FORMATION ZONE IN THE WALL OF A WELLBORE (73) Saudi Arabian Oil Company (72) AL-GOUHI, Waleed Abdullah (31) 201461968169 P (32) 20.03.2014 (33) United States of America	(51) E21B 43/12 E21B 47/00 (11) EP3117071 (21) EP15713099.8 (47) 02.06.2021 (87) US2015020322 17.09.2015 (22) 13.03.2015 (54) METHODS AND APPARATUS FOR CALIBRATING ROD PUMP CONTROLLERS FOR USE WITH WELLS (73) Bristol, Inc., D/B/A Remote Automated Solutions (72) MILLS, Thomas Matthew (31) 201414213402 (32) 14.03.2014 (33) United States of America
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(21) EP18766514.6	(72) DUPPERT, Ronald, J.	FOR ACOUSTIC ATTENUATION
(47) 02.06.2021	ROGALSKI, Thomas	(73) Raytheon Technologies Corporation
(87) US2018048430	(31) 201213428407	(72) ROBERGE, Gary D.
07.03.2019	(32) 23.03.2012	(31) 201815951289
(22) 29.08.2018	(33) United States of America	(32) 12.04.2018
(54) WELL DEBRIS HANDLING SYSTEM	(51) F01D 5/02	(33) United States of America
(73) Saudi Arabian Oil Company	F01D 21/04	(51) F01D 5/14
(72) EJIM, Chidirim Enoch	F01D 25/24	F01D 5/18
XIAO, Jinjiang	F02C 3/107	F01D 5/28
(31) 201715691345	F02K 3/06	(11) EP3323993
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(33) United States of America	(21) EP19171890.7	(47) 02.06.2021
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(21) EP15719059.6	(54) GAS TURBINE ENGINE COUPLING	FEATHER SEAL
(47) 02.06.2021	ARRANGEMENT	(73) Raytheon Technologies Corporation
(87) US2015025222	(73) Rolls-Royce plc	(72) PROPHETER-HINCKLEY, Tracy A.
15.10.2015	(72) Swift, Andrew	(31) 201615353942
(22) 10.04.2015	Thornton, Stewart	(32) 17.11.2016
(54) INJECTION FLOW CONTROLLER FOR	(31) 201808544	(33) United States of America
WATER AND STEAM	(32) 24.05.2018	(51) F01D 5/14
(73) Bristol, Inc., D/B/A Remote Automated	(33) United Kingdom	F01D 5/18
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(72) MILLS, Thomas Matthew	F01D 5/14	F01D 9/06
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(51) E21B 43/36	(87) FR2018050891	(73) Raytheon Technologies Corporation
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(21) EP18724469.4	(22) 09.04.2018	WAITE, Ryan Alan
(47) 02.06.2021	(54) REINFORCED AXIAL DIFFUSER	DUBE, Bryan P.
(87) EP2018059965	(73) Safran Aircraft Engines	THORNTON, Lane
25.10.2018	(72) COMBIER, Florent	(31) 201514693359
(22) 18.04.2018	BELOUAR, Jean-Claude	(32) 22.04.2015
(54) SUBSEA PROCESSING OF CRUDE OIL	FRECHE, Pauline Anne	(33) United States of America
(73) Subsea 7 Norway AS	GUINOISEAU, Eric Jean-Paul	(51) F01D 5/14
(72) DAASVATN, Sigbjørn	LAURENT, Cédric Louis Joseph	F01D 5/20
SATHANANTHAN, Ratnam	(31) 1753055	(11) EP3170974
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(32) 18.04.2017	(33) France	(47) 02.06.2021
(33) United Kingdom	(51) F01D 5/08	(22) 23.11.2016
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E21D 11/38	F01D 25/12	VORTEX CONTROL
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(22) 02.07.2018	(22) 09.04.2019	LILES, Jason David
(54) TUNNEL LINING COMPOSED OF AT	(54) BLADE WITH INLET ORIFICE ON	(31) 201562258834 P
LEAST TWO CONCRETE ELEMENTS	FORWARD FACE OF ROOT	201615018025
(73) HERRENKNECHT	(73) Raytheon Technologies Corporation	(32) 23.11.2015
AKTIENGESELLSCHAFT	(72) JENNINGS, Timothy J.	08.02.2016
(72) RIECHERS, Jörg	PROPHETER-HINCKLEY, Tracy A.	(33) United States of America
(51) F01C 21/10	(31) 201815958080	United States of America
F04C 18/02	(32) 20.04.2018	(51) F01D 5/14
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(22) 19.03.2013	(21) EP19168780.5	AND METHOD FOR MAKING A FAN
(54) SUCTION DUCT WITH ADJUSTABLE	(47) 02.06.2021	BLADE
DIAMETRIC FIT	(22) 11.04.2019	(73) Raytheon Technologies Corporation

(72) ROBERTSON, Thomas J., Jr HANSEN, James O. QUINN, Mark	(22) 14.04.2016 (54) METHODS FOR POSITIONING NEIGHBORING NOZZLES OF A GAS TURBINE ENGINE	(47) 02.06.2021 (87) EP2016059095 27.10.2016
(31) 201514695178 (32) 24.04.2015 (33) United States of America	(73) General Electric Company (72) HEITMAN, Bryce Loring MURPHY, Steven James SENILE, Darrell Glenn	(22) 22.04.2016 (54) GAS TURBINE ENGINE HAVING A CASING PROVIDED WITH COOLING FINS
(51) F01D 5/18 (11) EP3081754 (21) EP16163892.9 (47) 02.06.2021 (22) 05.04.2016 (54) TURBINE AIRFOIL (73) General Electric Company (72) ZHANG, Xiuzhang James DUTTA, Sandip ITZEL, Gary Michael	(31) 201514692818 (32) 22.04.2015 (33) United States of America	(73) NUOVO PIGNONE TECNOLOGIE SRL (72) LOMBARDI, Luca MAVURI, Rajesh REDDY, Vishnu Vardhan
(31) 201514684908 (32) 13.04.2015 (33) United States of America	(51) F01D 9/04 F01D 17/12 F01D 17/14 F01D 17/16 F01D 25/34 (11) EP3228824 (21) EP17162820.9 (47) 02.06.2021 (22) 24.03.2017 (54) GAS TURBINE VARIABLE VANE SYSTEM WITH HARMONIC DRIVE (73) Raytheon Technologies Corporation (72) SUCIU, Gabriel L. CHANDLER, Jesse M.	(31) FI20150121 (32) 24.04.2015 (33) Italy
(51) F01D 5/18 (11) EP3575552 (21) EP19171843.6 (47) 02.06.2021 (22) 30.04.2019 (54) CORIOLIS OPTIMIZED U-CHANNEL WITH PLATFORM COOLING (73) Raytheon Technologies Corporation (72) JENNINGS, Timothy J. CLUM, Carey	(31) 201615079382 (32) 24.03.2016 (33) United States of America	(51) F01D 9/04 F01D 25/16 (11) EP3584411 (21) EP19170247.1 (47) 02.06.2021 (22) 18.04.2019 (54) LOAD TRANSFER IN A TURBINE EXHAUST CASE (73) Raytheon Technologies Corporation (72) STAFFIER, Peter PALMER, Paul W OLSON, Anders C KANTANY, Nicholas W BAKER, Eric
(31) 201815968043 (32) 01.05.2018 (33) United States of America	(51) F01D 9/04 F01D 17/12 F01D 17/14 F01D 17/16 F04D 29/56 (11) EP3236017 (21) EP17162867.0 (47) 02.06.2021 (22) 24.03.2017 (54) GAS TURBINE VARIABLE VANE SYSTEM COMPRISING HARMONIC DRIVES DRIVEN BY ACTUATORS (73) Raytheon Technologies Corporation (72) SUCIU, Gabriel L. ZIMMITTI, Jonathan F. CHANDLER, Jesse M.	(31) 201816012396 (32) 19.06.2018 (33) United States of America
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(31) 201815945170 (32) 04.04.2018 (33) United States of America	(51) F01D 9/04 F01D 17/16 F02C 9/20 F04D 29/32 (11) EP3219931 (21) EP17161678.2 (47) 02.06.2021 (22) 17.03.2017 (54) VANE ASSEMBLY AND CORRESPONDING GAS TURBINE ENGINE (73) Raytheon Technologies Corporation (72) TORRES, Edward	(31) 201615071281 (32) 16.03.2016 (33) United States of America
(51) F01D 5/18 F01D 9/04 F02C 7/14 (11) EP3081755 (21) EP16165250.8 (47) 02.06.2021 (22) 14.04.2016 (54) GAS TURBINE ENGINE COMPONENT WITH INTEGRATED HEAT PIPE (73) General Electric Company (72) GERSTLER, William Dwight KOSTKA, James Michael RAMBO, Jeffrey Douglas MOORES, John William	(31) 201615073008 (32) 17.03.2016 (33) United States of America	(51) F01D 9/06 F01D 25/16 F02C 7/12 (11) EP3070273 (21) EP16160945.8 (47) 02.06.2021 (22) 17.03.2016 (54) COOLING PASSAGES FOR A MID- TURBINE FRAME OF A GAS TURBINE ENGINE (73) Raytheon Technologies Corporation (72) WINN, Joshua Daniel BROULIDAKIS, Alexander CHEROLIS, Anthony P.
(31) 201514686799 (32) 15.04.2015 (33) United States of America	(51) F01D 9/04 F01D 25/12 F01D 25/26 (11) EP3286410 (21) EP16717955.5	(31) 201514663567 (32) 20.03.2015 (33) United States of America
(51) F01D 9/04 (11) EP3101233 (21) EP16165429.8 (47) 02.06.2021		(51) F01D 11/00 F01D 11/08

F01D 11/12	(47) 02.06.2021	(31) 201815951527
F02C 7/00	(22) 16.06.2017	(32) 12.04.2018
F02C 7/28	(54) FLOATING, NON-CONTACT SEAL	(33) United States of America
(11) EP3440318	WITH OFFSET BUILDING CLEARANCE	(51) F01D 17/10
(21) EP17779974.9	FOR LOAD IMBALANCE	F02C 6/08
(47) 02.06.2021	(73) Raytheon Technologies Corporation	F04D 27/02
(87) US2017026810	(72) WILSON, Ross	F16K 17/20
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(22) 10.04.2017	MECKLENBURG, Dwayne K.	(21) EP16179255.1
(54) SEAL GEOMETRIES FOR REDUCED	(31) 201615244276	(47) 02.06.2021
LEAKAGE IN GAS TURBINES AND	(32) 23.08.2016	(22) 13.07.2016
METHODS OF FORMING	(33) United States of America	(54) BLEED VALVES FOR GAS TURBINE
(73) Raytheon Technologies Corporation	(51) F01D 11/24	ENGINES
(72) SHEEDY, Paul, M.	F01D 25/12	(73) Hamilton Sundstrand Corporation
GUO, Changsheng	F01D 25/14	(72) CORETTO, August M.
(31) 201662320391 P	F01D 25/32	MAROCCHINI, Francis P.
(32) 08.04.2016	F02C 6/08	RICKIS, Aaron F.
(33) United States of America	(11) EP3597875	GOODMAN, Robert
(51) F01D 11/00	(21) EP19185864.6	(31) 201514798166
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(21) EP17162630.2	(54) DEBRIS SEPARATOR FOR A	(51) F01D 17/16
(47) 02.06.2021	GAS TURBINE ENGINE AND	F04D 29/56
(22) 23.03.2017	CORRESPONDING INSTALLING	(11) EP3533974
(54) SEAL ON THE INNER RING OF A	METHOD	(21) EP19156292.5
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(73) MTU Aero Engines AG	(72) STEVENS, Michael S.	(22) 08.02.2019
(72) Humhauser, Werner	GRIFFIN, David Richard	(54) VARIABLE VANE ARM RETENTION
(51) F01D 11/00	(31) 201816038542	FEATURE
F16J 15/3288	(32) 18.07.2018	(73) Raytheon Technologies Corporation
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(47) 02.06.2021	F01D 17/04	(33) United States of America
(22) 25.04.2017	F01D 17/10	(51) F01D 25/14
(54) HIGH TEMPERATURE SEAL AND	F01K 23/06	F02C 7/047
METHOD	F01K 23/10	F02C 7/14
(73) Raytheon Technologies Corporation	F01K 23/16	F02C 7/18
(72) SHAH, Dilip M.	F01N 5/02	F02K 3/115
KWOKA, Katelyn	F01N 5/04	(11) EP3615780
CETEL, Alan D.	F02C 3/10	(21) EP18717368.7
SEETHARAMAN, Venkatarama K.	F02C 6/18	(47) 02.06.2021
McCAFFREY, Michael G.	F02G 5/02	(87) EP2018059478
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(32) 25.04.2016	(21) EP19201896.8	(22) 12.04.2018
(33) United States of America	(47) 02.06.2021	(54) AIRCRAFT PROPULSION ASSEMBLY
(51) F01D 11/00	(22) 09.02.2018	COMPRISING AIR-LIQUID HEAT
F16J 15/44	(54) ELECTRICITY GENERATION SYSTEM	EXCHANGERS
(11) EP3409899	AND ELECTRICITY GENERATION	(73) Safran Aircraft Engines
(21) EP18169807.7	SYSTEM CONTROL METHOD	Safran Nacelles
(47) 02.06.2021	(73) Mitsubishi Heavy Industries Marine	(72) ORIOL, Sébastien
(22) 27.04.2018	Machinery & Equipment Co., Ltd.	BOUTALEB, Mohammed-Lamine
(54) SEALING ARRANGEMENT WITH	(72) Kanaboshi, Takayuki	PEYRON, Vincent, Jean-François
A WELDED SEAL SHEET, TURBO-	Noguchi, Takayuki	(31) 1753539
MACHINE AND PRODUCTION	(31) 2017032205	(32) 24.04.2017
METHOD	(32) 23.02.2017	(33) France
(73) MTU Aero Engines AG	(33) Japan	(51) F01D 25/16
(72) Kislinger, Bernd	(51) F01D 15/10	F02C 3/107
Stanka, Rudolf	F02C 7/18	F02C 7/20
Schill, Manfred	F02C 7/32	F02K 3/06
Feldmann, Manfred	(11) EP3553295	F02K 3/072
(31) 102017209420	(21) EP19168670.8	(11) EP2820256
(32) 02.06.2017	(47) 02.06.2021	(21) EP13754324.5
(33) Germany	(22) 11.04.2019	(47) 02.06.2021
(51) F01D 11/02	(54) THERMAL MANAGEMENT OF TAIL	(87) US2013021878
F16J 15/44	CONE MOUNTED GENERATOR	06.09.2013
(11) EP3287674	(73) Raytheon Technologies Corporation	(22) 17.01.2013
(21) EP17176490.5	(72) ROBERGE, Gary D.	

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(73) Raytheon Technologies Corporation	(33) Japan	(54) TEMPERING AIR SYSTEM FOR GAS TURBINE SELECTIVE CATALYST REDUCTION SYSTEM
(72) SCHWARZ, Frederick M.	(51) F01L 1/14	(73) General Electric Technology GmbH
SUCIU, Gabriel L.	F01L 1/18	(72) TABIKH, Alimustapha
KUPRATIS, Daniel Bernard	F01L 1/26	PIAGGI, Francesca Laura
(31) 201213407795	F01L 1/46	JOHANSSON, Lars-Erik
(32) 29.02.2012	F01L 3/20	NILSSON, Peter Lars
(33) United States of America	F01L 3/24	(31) 201615334900
(51) F01D 25/18	F01L 13/00	(32) 26.10.2016
F02C 7/06	F01L 23/00	(33) United States of America
F16C 19/06	F02B 33/22	(51) F01N 3/021
F16C 33/58	F02B 33/30	F01N 3/025
F16C 33/66	F02D 13/02	F01N 3/035
F16C 35/073	F02D 13/06	F01N 3/10
(11) EP3214329	F02D 17/02	F01N 3/20
(21) EP17156098.0	(11) EP3550115	F01N 3/22
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(72) Billich, Manuel	AISIN SEIKI KABUSHIKI KAISHA	(72) HIRATA, Toshihiko
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(73) KABUSHIKI KAISHA TOYOTA	VILLANUEVA MADOZ, María	H02K 11/33
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(72) WEINHARDT, Mathias		Japan

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(73) Tesla, Inc.	(73) Schaeffler Technologies AG & Co. KG	(72) Kulkarni, Sanjeev
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(51) H01L 31/0304 H01L 31/0392 H01L 31/05 H02S 30/20 H02S 40/38 (11) EP3349254 (21) EP18150982.9 (47) 02.06.2021 (22) 10.01.2018 (54) SOLAR CELL MODULE (73) LG Electronics Inc. (72) CHEUN, Hyeunseok KIM, Jeongshik SHIN, Junoh LEE, Jeongsoo	(51) H01L 33/02 H01L 33/04 H01L 33/06 H01L 33/16 (11) EP3347922 (21) EP16763267.8 (47) 02.06.2021 (87) EP2016071366 16.03.2017 (22) 09.09.2016 (54) SEMICONDUCTOR DEVICE HAVING AN INTERNAL-FIELD-GUARDED ACTIVE REGION (73) Technische Universität Berlin (72) PAHN, Gerald CALLSEN, Gordon HOFFMANN, Axel	(51) H01L 51/30 C09D 11/033 (11) EP3546532 (21) EP17874763.0 (47) 02.06.2021 (87) CN2017112702 31.05.2018 (22) 23.11.2017 (54) PRINTING INK COMPOSITION, PREPARATION METHOD THEREFOR, AND USES THEREOF (73) Guangzhou Chinaray Optoelectronic Materials Ltd. (72) PAN, Junyou YANG, Xi YAN, Xiaolin
(31) 20170004344 (32) 11.01.2017 (33) Korea (Republic)	(31) 102015217330 (32) 10.09.2015 (33) Germany	(31) 201611051757 (32) 23.11.2016 (33) China
(51) H01L 31/042 H01L 31/048 H01L 31/05 H02S 40/36 (11) EP3442033 (21) EP17779126.6 (47) 02.06.2021 (87) JP2017014050 12.10.2017 (22) 04.04.2017 (54) SOLAR CELL MODULE (73) Kabushiki Kaisha Toyota Jidoshokki Toyota Jidosha Kabushiki Kaisha (72) INABA, Hirotaka	(51) H01L 33/50 (11) EP3172770 (21) EP15744811.9 (47) 02.06.2021 (87) US2015040469 28.01.2016 (22) 15.07.2015 (54) WAVELENGTH CONVERTERS AND METHODS FOR MAKING THE SAME (73) Osram Sylvania Inc. (72) ANC, Maria	(51) H01L 51/48 (11) EP3251157 (21) EP16707197.6 (47) 02.06.2021 (87) IB2016000092 04.08.2016 (22) 19.01.2016 (54) METHOD FOR FABRICATING A PHOTOVOLTAIC DEVICE

(73) King Abdullah University of Science and Technology	(51) H01M 2/10	(47) 02.06.2021
(72) EITA, Mohamed	(11) EP3369121	(87) KR2016015295
EL LABBAN, Abdulrahman	(21) EP16779061.7	29.06.2017
USMAN, Anwar	(47) 02.06.2021	(22) 26.12.2016
BEAUJUGE, Pierre	(87) EP2016073947	(54) NEGATIVE ELECTRODE ACTIVE
ABDELSABOOR, Omar, F. M.	04.05.2017	MATERIAL HAVING IMPROVED
(31) 201562108430 P	(22) 07.10.2016	OUTPUT CHARACTERISTICS
(32) 27.01.2015	(54) BATTERY CASE WITH RAILS HAVING	AND ELECTRODE FOR
(33) United States of America	ENGAGING PROTRUSION-SLOT	ELECTROCHEMICAL DEVICE
(51) H01L 51/54	SECURING MEANS.	INCLUDING THE NEGATIVE
(11) EP3168886	(73) Robert Bosch GmbH	ELECTRODE ACTIVE MATERIAL
(21) EP15193926.1	(72) BOTADRA, Mehul	(73) LG Chem, Ltd.
(47) 02.06.2021	SCHOENHERR, Robert	(72) PARK, Min-A
(22) 10.11.2015	(31) 201514924053	KIM, Dae-Hong
(54) METALLIC LAYER COMPRISING	(32) 27.10.2015	KIM, Jae-Kyung
ALKALI METAL AND SECOND METAL	(33) United States of America	JEONG, Won-Hee
(73) Novald GmbH	(51) H01M 2/10	(31) 20150186546
(72) Kalisz, Tomas	H01M 2/12	(32) 24.12.2015
Cardinali, Francois	(11) EP3054500	(33) Korea (Republic)
Garnier, Jerome	(21) EP16154113.1	(51) H01M 4/04
Gölfert, Uwe	(47) 02.06.2021	H01M 4/131
Jankus, Vygintas	(22) 03.02.2016	H01M 4/1391
Rothe, Carsten	(54) BATTERY MODULE WITH HOLE VENT	H01M 4/485
Schulze, Benjamin	PART	H01M 10/0525
Willmann, Steffen	(73) Samsung SDI Co., Ltd.	(11) EP3537519
(51) H01M 2/02	(72) KIM, Sukkyum	(21) EP18802551.4
H01M 2/10	PARK, Dongjin	(47) 02.06.2021
H01M 2/20	(31) 20150016697	(87) KR2018003989
H01M 2/34	(32) 03.02.2015	22.11.2018
(11) EP3605649	(33) Korea (Republic)	(22) 04.04.2018
(21) EP19196052.5	(51) H01M 2/16	(54) METHOD FOR PRE-LITHIATING
(47) 02.06.2021	H01M 4/38	SILICON OXIDE ANODE FOR
(22) 10.08.2016	H01M 4/485	SECONDARY BATTERY
(54) BATTERY PACK PROTECTION	H01M 4/505	(73) LG Chem, Ltd.
ELEMENT ATTACHMENT TAB,	H01M 4/525	(72) CHAE, Oh Byong
BATTERY PACK PARALLEL FIXING	H01M 4/58	SONG, Jun Hyuk
COMPONENT, AND BATTERY PACK	H01M 4/587	KIM, Eun Kyung
(73) FDK Corporation	H01M 10/0525	KANG, Yoon Ah
(72) TAKASU, Yukitomo	H01M 10/0567	WOO, Sang Wook
SAKAGUCHI, Makoto	H01M 10/0568	(31) 20170062345
(31) 2015195047	(11) EP3467929	(32) 19.05.2017
2015200579	(21) EP17824253.3	(33) Korea (Republic)
(32) 30.09.2015	(47) 02.06.2021	(51) H01M 4/04
(33) Japan	(87) JP2017024546	H01M 4/36
Japan	11.01.2018	H01M 4/38
(51) H01M 2/02	(22) 04.07.2017	H01M 4/62
H01M 2/26	(54) NON-AQUEOUS ELECTROLYTE	H01M 4/1391
H01M 10/04	SOLUTION AND NON-AQUEOUS	H01M 4/485
H01M 10/0587	ELECTROLYTE SECONDARY	H01M 10/0525
(11) EP3249732	BATTERY USING THE SAME	(11) EP3547413
(21) EP16773388.0	(73) Central Glass Co., Ltd.	(21) EP18797746.7
(47) 02.06.2021	(72) ITABASHI Saori	(47) 02.06.2021
(87) KR2016003121	HARADA Shuji	(87) KR2018004883
06.10.2016	SUZUKI Katsutoshi	15.11.2018
(22) 28.03.2016	TAKEDA Kazunari	(22) 26.04.2018
(54) SEALING APPARATUS OF POUCH-	(31) 2016133830	(54) METHOD FOR MANUFACTURING
TYPE RECHARGEABLE BATTERY	(32) 06.07.2016	NEGATIVE ELECTRODE FOR LITHIUM
(73) LG Chem, Ltd.	(33) Japan	SECONDARY BATTERY
(72) LIM, Seong-Yoon	(51) H01M 4/02	(73) LG Chem, Ltd.
KIM, Ji-Hyun	H01M 4/36	(72) KANG, Yoonah
(31) 20150046932	H01M 4/62	KIM, Eun Kyung
20160030974	H01M 4/131	WOO, Sangwook
(32) 02.04.2015	H01M 4/485	(31) 20170059603
15.03.2016	H01M 10/052	20180048075
(33) Korea (Republic)	H01M 10/0525	(32) 12.05.2017
Korea (Republic)	H01G 11/04	25.04.2018
	(11) EP3327833	(33) Korea (Republic)
	(21) EP16879433.7	Korea (Republic)

(51) H01M 4/46 H01M 6/04 H01M 6/32 H01M 6/34	(31) 20160060449 (32) 17.05.2016 (33) Korea (Republic)	(22) 09.03.2018 (54) BATTERY MODULE, BATTERY PACK INCLUDING THE BATTERY MODULE, AND AUTOMOBILE INCLUDING THE BATTERY PACK
(11) EP3598547 (21) EP19183029.8 (47) 02.06.2021 (22) 27.06.2019 (54) WATER-ACTIVATED POWER GENERATING DEVICE	(51) H01M 8/04089 H01M 8/04119 H01M 8/04223 H01M 8/04228 H01M 8/04291 H01M 8/04303 H01M 8/0432 H01M 8/04492 H01M 8/04701 H01M 8/04828 H01M 8/1018	(73) LG Chem, Ltd. (72) RYU, Jae-Uk YOON, Ji-Su KANG, Dal-Mo MUN, Jeong-O (31) 20170035399 (32) 21.03.2017 (33) Korea (Republic)
(73) Liaw, Kuo Ming Kao, Sung Nien (72) Liaw, Kuo Ming Kao, Sung Nien	(31) 201816037071 (32) 17.07.2018 (33) United States of America	(51) H01M 10/04 H01M 50/20 (11) EP3255700 (21) EP16759070.2 (47) 02.06.2021 (87) KR2016000733 09.09.2016 (22) 22.01.2016 (54) CLAMPING DEVICE, AND BATTERY MODULE COMPRISING SAME
(51) H01M 4/86 H01M 4/88 H01M 4/90 H01M 4/92 H01M 8/1004	(87) JP2015066049 28.01.2016 (22) 03.06.2015 (54) FUEL CELL SYSTEM AND FUEL CELL SYSTEM CONTROL METHOD	(73) LG Chem, Ltd. (72) LEE, Young-Ho KIM, Seong-Tae SEONG, Jun-Yeob AN, Hyuk JEONG, Sang-Yoon CHOI, Yang-Kyu
(11) EP3610530 (21) EP18722812.7 (47) 02.06.2021 (87) US2018027616 18.10.2018 (22) 13.04.2018 (54) MEMBRANE ELECTRODE ASSEMBLY WITH IMPROVED COHESION	(73) Nissan Motor Co., Ltd Daimler AG (72) HOSHI, Kiyoshi (31) 2014151272 (32) 24.07.2014 (33) Japan	(31) 20150030505 (32) 04.03.2015 (33) Korea (Republic)
(73) Ballard Power Systems Inc. (72) BASHYAM, Rajesh YOUNG, Alan (31) 201762485325 P (32) 13.04.2017 (33) United States of America	(51) H01M 8/18 H01M 8/0258 H01M 8/026 (11) EP3346537 (21) EP17806132.1 (47) 02.06.2021 (87) JP2017010813 07.12.2017 (22) 16.03.2017 (54) BIPOLAR PLATE, CELL FRAME AND CELL STACK, AND REDOX FLOW BATTERY	(51) H01M 10/0562 (11) EP3607602 (21) EP18719733.0 (47) 02.06.2021 (87) US2018025876 11.10.2018 (22) 03.04.2018 (54) ELECTROCHEMICAL CELLS WITH A HIGH VOLTAGE CATHODE
(51) H01M 4/86 H01M 4/88 H01M 8/086	(73) Sumitomo Electric Industries, Ltd. (72) FUJITA, Hayato KUWABARA, Masahiro KANNO, Takashi TOYODA, Haruhisa YAMAGUCHI, Hideyuki SHIRAKI, Kousuke HAYASHI, Kiyooki ITO, Takefumi	(73) Hydro-Québec (72) GOODENOUGH, John B. DE OLIVEIRA BRAGA, Maria Helena Sousa Soares (31) 201762481015 P (32) 03.04.2017 (33) United States of America
(11) EP3417504 (21) EP17753698.4 (47) 02.06.2021 (87) US2017017771 24.08.2017 (22) 14.02.2017 (54) METHOD OF MAKING A FUEL CELL COMPONENT	(31) 2016107756 (32) 30.05.2016 (33) Japan	(51) H01M 10/06 D04H 1/4382 D04H 1/4391 D04H 1/485 D04H 1/488 D04H 1/49 D04H 1/492 H01M 50/403 H01M 50/411 H01M 50/44
(73) Doosan Fuel Cell America, Inc. (72) ARPIN, Kevin HOFSTETTER, Nicole (31) 201615043726 (32) 15.02.2016 (33) United States of America	(51) H01M 10/04 H01M 10/42 H01M 10/613 H01M 10/625 H01M 10/643 H01M 10/6551 H01M 10/6568 H01M 10/6569 H01M 50/249 H01M 50/282 H01M 50/519	(11) EP3733943 (21) EP20020120.0 (47) 02.06.2021 (22) 12.03.2020 (54) NON-WOVEN FABRIC SUPPORT FOR MULTI-TUBULAR SHEATHS
(51) H01M 8/0273 H01M 8/0276 H01M 8/0282 H01M 8/0284 H01M 8/0286	(11) EP3474345 (21) EP18771924.0 (47) 02.06.2021 (87) KR2018002856 27.09.2018	(73) Advanced Nonwovens Technologies Srl (72) Merlotti, Stefano Menti, Silvano
(11) EP3246975 (21) EP16201082.1 (47) 02.06.2021 (22) 29.11.2016 (54) FRAME GASKET FOR FUEL CELL AND METHOD OF MOLDING THE SAME		
(73) Hyundai Motor Company (72) JEONG, Byeong-Heon HEO, Seong Il LIM, Soo Jin		

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(32) 29.04.2019	LI, Kaikai	31.05.2019
(33) Italy	WU, Liping	(22) 31.10.2018
(51) H01M 10/42	QIN, Chunqiang	(54) BATTERY MODULE HAVING
B60K 6/28	(31) 201710057642	ENHANCED ELECTRICAL
(11) EP3273508	(32) 22.01.2017	CONNECTION STABILITY
(21) EP17188916.5	(33) China	(73) LG Chem, Ltd.
(47) 02.06.2021	(51) H01M 10/44	(72) KIM, Kyung-Mo
(22) 13.06.2013	H02J 7/04	MUN, Jeong-O
(54) PLUG-IN BUSSED ELECTRICAL	H01M 4/583	CHI, Ho-June
CENTER FOR AN ENERGY STORAGE	H01M 10/052	CHOI, Hang-June
SYSTEM	H01M 10/0525	(31) 20170158519
(73) Allison Transmission, Inc.	(11) EP3518381	(32) 24.11.2017
(72) MASKEW, Brian J.	(21) EP18764928.0	(33) Korea (Republic)
GASAWAY, Timothy A.	(47) 02.06.2021	(51) H01M 50/20
MORROW, Brian C.	(87) KR2018002799	H01M 50/50
(31) 201261659215 P	13.09.2018	(11) EP3475998
(32) 13.06.2012	(22) 09.03.2018	(21) EP17736579.8
(33) United States of America	(54) METHOD FOR CHARGING	(47) 02.06.2021
(51) H01M 10/42	SECONDARY BATTERY	(87) EP2017064983
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H01M 50/502	(72) SONG, Jun Hyuk	(22) 19.06.2017
(11) EP3662522	LEE, Joo Sung	(54) ACCUMULATOR MODUL
(21) EP18755734.3	(31) 20170030314	(73) Commeo GmbH
(47) 02.06.2021	(32) 10.03.2017	(72) SCHNAKENBERG, Michael
(87) EP2018071089	(33) Korea (Republic)	(31) 202016103300 U
07.02.2019	(51) H01M 10/613	(32) 22.06.2016
(22) 02.08.2018	H01M 10/625	(33) Germany
(54) MULTI-BATTERY ASSEMBLY AND	H01M 10/643	(51) H01M 50/213
CONTAINER COMPRISING THE SAME	H01M 10/653	H01M 50/30
(73) SAFT	H01M 10/6557	H01M 50/383
(72) BIENSAN, Philippe	H01M 50/20	(11) EP3528308
LIGEOIS, Dominique	(11) EP3537500	(21) EP19154652.2
(31) 1757492	(21) EP18159880.6	(47) 02.06.2021
(32) 03.08.2017	(47) 02.06.2021	(22) 31.01.2019
(33) France	(22) 05.03.2018	(54) BATTERY PACK FOR DISTRESS
(51) H01M 10/42	(54) BATTERY PACK WITH A PLURALITY	BEACON
H02J 7/02	OF BATTERY MODULES	(73) Orolia SAS
H02J 50/10	(73) VARTA Microbattery GmbH	(72) Vincent, GUILLEMARD
(11) EP3583677	(72) Hald, Stefan	Michel, PENN
(21) EP18710586.1	Kloos, Dieter	(31) 1851231
(47) 02.06.2021	(51) H01M 10/6566	(32) 14.02.2018
(87) US2018017516	H01M 10/663	(33) France
23.08.2018	(11) EP3656015	(51) H01P 1/208
(22) 09.02.2018	(21) EP18755403.5	(11) EP3571738
(54) SMART BATTERY FOR ULTRAFast	(47) 02.06.2021	(21) EP17707832.6
CHARGING	(87) EP2018068601	(47) 02.06.2021
(73) Microsoft Technology Licensing, LLC	24.01.2019	(87) EP2017054512
(72) KUCHIBHATLA, Ramesh	(22) 10.07.2018	30.08.2018
ALI, Bahram	(54) ASSEMBLY FOR COOLING AN	(22) 27.02.2017
(31) 201715436327	ELECTRICAL ENERGY STORAGE	(54) RADIO FREQUENCY RESONATORS
(32) 17.02.2017	DEVICE	WITH BRIDGE COUPLING ADJACENT
(33) United States of America	(73) Mahle International GmbH	RESONATORS
(51) H01M 10/44	(72) HIPPE, Christoph	(73) Huawei Technologies Co., Ltd.
H02J 7/00	SCHAUER, Markus	(72) GUESS, Michael
(11) EP3352323	ZIMMERMANN, Raphael	(51) H01P 1/212
(21) EP17194296.4	(31) 102017212586	H01P 7/10
(47) 02.06.2021	(32) 21.07.2017	(11) EP3280000
(22) 02.10.2017	(33) Germany	(21) EP15890260.1
(54) METHOD AND SYSTEM FOR	(51) H01M 50/116	(47) 02.06.2021
AUTOMATIC SWITCHOVER BETWEEN	H01M 50/172	(87) CN2015077805
WORKING STATES OF MULTI-	H01M 50/20	03.11.2016
BATTERY PACKS OF ELECTRIC	H01M 50/502	(22) 29.04.2015
VEHICLES	H01M 50/543	(54) DIELECTRIC FILTER
(73) Guang Dong Greenway Technology Co.,	H01M 50/579	(73) Huawei Technologies Co., Ltd.
Ltd	(11) EP3624227	(72) LONG, Quan
(72) HUANG, Lichong	(21) EP18881818.1	DENG, Xiaoyi
LI, Linchang	(47) 02.06.2021	

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30.08.2018	(11) EP3522296	(33) Japan
(22) 27.02.2017	(21) EP17867193.9	Japan
(54) MULTIMODE RESONATORS WITH	(47) 02.06.2021	Japan
SPLIT CHAMFERED CUT-OUT OR	(87) KR2017012363	(51) H01Q 1/38
SPLIT STEP-LIKE CUT-OUT	11.05.2018	H01Q 9/42
(73) Huawei Technologies Co., Ltd.	(22) 02.11.2017	H01Q 21/24
(72) GUESS, Michael	(54) ELECTRONIC DEVICE COMPRISING	H01Q 21/28
(51) H01P 11/00	AN ANTENNA	(11) EP2664027
H01Q 1/00	(73) Samsung Electronics Co., Ltd.	(21) EP12700437.2
H01Q 1/02	(72) KIM, Jae Hyung	(47) 02.06.2021
(11) EP2962356	KO, Kyung Bae	(87) GB2012050071
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(47) 02.06.2021	MOON, Je Sun	(22) 13.01.2012
(87) US2014018817	BANG, Jin Kyu	(54) DUAL ANTENNA STRUCTURE
04.09.2014	LEE, Sang Hoon	HAVING CIRCULAR POLARISATION
(22) 27.02.2014	(31) 20160147315	CHARACTERISTICS
(54) METHODS AND DEVICES	(32) 07.11.2016	(73) Microsoft Technology Licensing, LLC
FOR PROTECTING ANTENNA	(33) Korea (Republic)	(72) IELLICI, Devis
COMPONENTS FROM	(51) H01Q 1/24	(31) 201100617
CONTAMINANTS	H01Q 9/42	(32) 14.01.2011
(73) Alcatel-Lucent Shanghai Bell Co., Ltd.	H01Q 11/08	(33) United Kingdom
(72) CHONG, Yin-Shing	(11) EP3537542	(51) H01Q 3/24
CASEY, Peter	(21) EP19161567.3	H01Q 15/08
ZHANG, Yunchi	(47) 02.06.2021	H01Q 19/06
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(32) 28.02.2013	(54) THREE-DIMENSIONAL ANTENNA	H01Q 25/00
(33) United States of America	(73) INSIGHT SIP	(11) EP3392964
(51) H01Q 1/10	(72) LEROY, Fabien	(21) EP18155708.3
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(11) EP3547444	(31) 1852061	(54) PLASMA SWITCHED ARRAY ANTENNA
(21) EP19154576.3	(32) 09.03.2018	(73) The Boeing Company
(47) 02.06.2021	(33) France	(72) SAVAGE, Larry L.
(22) 30.01.2019	(51) H01Q 1/28	DABROWSKI, Ted R.
(54) ELECTRONIC DEVICE	H01Q 13/24	DIEHL, Colin A.
(73) GUANGDONG OPPO MOBILE	H01Q 15/00	WILLIAMS, John D.
TELECOMMUNICATIONS CORP., LTD.	(11) EP3186855	RUIZ, Enrique J.
(72) WANG, Xinbao	(21) EP15825871.5	(31) 201715490750
ZHAO, Ning	(47) 02.06.2021	(32) 18.04.2017
GU, Liang	(87) US2015034824	(33) United States of America
LIANG, Tianping	07.04.2016	(51) H01Q 3/26
LI, Yantao	(22) 09.06.2015	(11) EP2738870
(31) 201810278705	(54) DIRECTIVE ARTIFICIAL MAGNETIC	(21) EP13195576.7
201810282842	CONDUCTOR (AMC) DIELECTRIC	(47) 02.06.2021
(32) 31.03.2018	WEDGE WAVEGUIDE ANTENNA	(22) 03.12.2013
31.03.2018	(73) Raytheon Company	(54) Multi-beam active phased array
(33) China	(72) NG, Jackson	architecture with independent
China	GILBERT, Charles, G.	polarization control
(51) H01Q 1/22	PIZARRO, Sergio, A.	(73) ViaSat Inc.
H01Q 1/52	(31) 201414472435	(72) Corman, David
H01Q 3/46	(32) 29.08.2014	Zienkewicz, Rob
H01Q 21/24	(33) United States of America	Saunders, David R.
(11) EP3574553	(51) H01Q 1/38	(31) 201213692683
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(47) 02.06.2021	H01Q 5/00	(33) United States of America
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02.08.2018	(21) EP16198115.4	H01Q 21/26
(22) 24.01.2018	(47) 02.06.2021	H01Q 21/28
(54) TRANSPONDER STABILIZATION	(22) 06.03.2007	H04B 7/06
(73) Norbit Its	(54) ANTENNA	H04B 1/40
(72) KIRKNES, Steffen	(73) Murata Manufacturing Co., Ltd.	H04B 17/12
(31) 20170109	(72) KATO, Noboru	H04B 17/21

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(73) Chevron Phillips Chemical Company LP	CRYSTALS AND REFLECTORS	(74) ir. M.F.J.M. Ketelaars c.s.
(72) HOTTOVY, John, D	(73) Flodesign Sonics Inc.	(31) 201815911115
KUFELD, Scott, E	(72) LIPKENS, Bart	(32) 03.03.2018
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drier with a device for the extraction of	B03C 1/01	(72) ANQUETIL, Jérôme
condensate	B03C 1/033	(74) dr. ir. G.J.C. Verdijk c.s.
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HAVING A HIGH EXTERNAL SURFACE	ADAMS, Robert	MINERAL
AREA	(74) J.M.H. Duyver lic.	(73) York Potash Ltd
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ORTIZ, Guillaume	(33) United States of America	EVANS, Jim
NICOLAS, Serge	(47) 28.04.2021	(74) dr. A. Krebs
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LUTZ, Cécile	B01D 69/14	(32) 02.06.2014
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(11) EP3004424	(47) 14.04.2021	Ashourian, Jamshid
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(73) Skyre, Inc.	(11) EP3144055	IMDIEKE, Christopher
(72) PRESTON, Joshua S.	(21) EP16186524.1	(74) ir. A. Blokland c.s.
(74) dr. A. Krebs	(22) 31.08.2016	(31) 201562241973 P
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United States of America	KUMPIA, Jan	(47) 24.02.2021
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EXHAUST GASES	(22) 12.10.2018	HE, Ping
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(72) COLLIN, Annabelle	STRAIGHTENER	PAMME, Nicole
OBIOLS, Jérôme	(73) SEKO S.p.A.	BROWN, Nathan Joel
(74) ir. W.J.J.M. Kempes	(72) PETRANGELI, Gabriele	TARN, Mark Duncan
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AVILA, Luis Felipe	(32) 20.07.2017	G05B 19/4061
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(47) 28.04.2021	B29D 11/00	(72) MÜLLER, Markus
(51) B21D 51/26	(11) EP3060386	(74) mr. ir. J. van Breda c.s.
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H01L 33/62	(51) H01M 10/0525	H01R 13/627
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(73) MACQUARIE UNIVERSITY	MAO, Xiaolin	(47) 17.03.2021
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(74) ir. H.A. Witmans c.s.	ZHU, Huibin	H04B 5/00
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(47) 21.04.2021	(11) EP3457571	BETWEEN THE NETWORK NODE AND
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(21) EP18156834.6	WITH SUBNORMAL SUPPORT	GÖRANSSON, Bo
(22) 15.02.2018	(73) INTEL Corporation	HUSS, Fredrik
(54) ROTOR OF AN ELECTRIC MOTOR	(72) LANGHAMMER, Martin	LUNDEVALL, Magnus
(73) ebm-papst Landshut GmbH	PASCA, Bogdan	WIGREN, Torbjörn
(72) Dannemann, Jan	(74) ir. W.J.J.M. Kempes	(74) ir. A. Blokland c.s.
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PHOTOVOLTAIC PANEL	Lim, Yeon-Ju	H04B 7/024
(73) Optixolar Holding B.V.	Yun, Sung-Ryul	H04B 7/0404
(72) HUTTING, Hendrik Kornelis	Lee, Hak-Ju	(11) EP3427395
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(47) 17.03.2021	14.03.2008	UPLINK BEAMFORMING DIRECTIONS
(51) H03F 1/32	(33) Korea (Republic)	IN A WIRELESS COMMUNICATIONS
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H04W 24/10	United States of America	LUO, Tao
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H04W 52/14	(51) H04L 5/00	CHEN, Wanshi
H04W 52/22	H04L 27/26	PATEL, Shimman, Arvind
H04W 52/28	H04L 29/08	DAMNJANOVIC, Aleksandar
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H04W 52/36	(11) EP3293932	(74) ir. M.F.J.M. Ketelaars c.s.
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(54) METHOD AND APPARATUS FOR	SIGNALING INFORMATION IN	25.09.2015
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(72) JANG, Jae Hyuk	(74) ir. M.F.J.M. Ketelaars c.s.	(11) EP3554116
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(54) MANAGING CROSS-CARRIER	United States of America	(47) 21.04.2021
SCHEDULING IN CARRIER	United States of America	(51) H04L 5/00
AGGREGATION WITH EPDCCH IN LTE	United States of America	H04W 48/12
(73) Qualcomm Incorporated	(47) 24.03.2021	H04W 72/04
(72) CHEN, Wanshi	(51) H04L 5/00	(11) EP3534627
GAAL, Peter	H04W 16/02	(21) EP18817808.1
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LUO, Tao	H04W 72/04	(54) BANDWIDTH RESOURCE
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United States of America	MAPPING IN THE SUPPORT OF COMP	TANG, Zhenfei
(47) 28.04.2021	(73) Nokia Technologies Oy	(74) ir. W.J.J.M. Kempes
(51) H04L 5/00	(72) MIAO, Honglei	(31) 201710459800
H04L 27/26	JÄNIS, Pekka	(32) 16.06.2017
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AND NOTIFICATION IN WIRELESS	(51) H04L 5/00	(21) EP17889573.6
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(72) ZHANG, Liqing	(11) EP3202208	CONTROL CHANNEL, NETWORK
TANG, Hao	(21) EP15775916.8	DEVICE AND TERMINAL DEVICE
LI, Xinxian	(22) 28.09.2015	(73) GUANGDONG OPPO MOBILE
TANG, Zhenfei	(54) TECHNIQUES FOR TRANSMITTING	TELECOMMUNICATIONS CORP., LTD.
(74) dr. W.A.H.M. Van Borm	CHANNEL USAGE BEACON SIGNALS	(72) LIN, YaNan
(31) 201762458958 P	OVER AN UNLICENSED RADIO	XU, Hua
201762467937 P	FREQUENCY SPECTRUM BAND	(74) dr. W.A.H.M. Van Borm
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(32) 14.02.2017	(72) GAAL, Peter	(51) H04L 5/00
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(54) METHOD, DEVICE, AND SYSTEM FOR	FOR DISTRIBUTING CONTENT ITEMS	MANAGEMENT METHOD AND
TRANSMITTING DOWNLINK CONTROL	TO AUTHORIZED USERS	APPARATUS
INFORMATION	(73) Telefonaktiebolaget LM Ericsson (publ)	(73) Advanced New Technologies Co., Ltd.
(73) Huawei Technologies Co., Ltd.	(72) ARNGREN, Tommy	(72) LIU, Lindong
(72) LI, Hua	NÄSLUND, Mats	(74) ir. W.J.J.M. Kempes
TANG, Hao	(74) ir. A. Blokland c.s.	(31) 201710273959
WANG, Yi	(31) 201361871455 P	(32) 25.04.2017
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(74) dr. W.A.H.M. Van Borm	(32) 29.08.2013	(47) 31.03.2021
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(11) 1042605	(11) 2009550	(11) 2013587
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(11) 1042610	(11) 2009585	(11) 2013596
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(11) 2000289	(11) 2009702	(11) 2013680
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(11) 2003594	(11) 2009708	(11) 2013683
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(11) 2003595	(11) 2011551	(11) 2013723
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(11) 2003620	(11) 2011588	(11) 2013724
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(11) EP1528409	(11) EP1556320	(11) EP1567570
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(11) EP1576070	(11) EP1652609	(11) EP1678190
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(11) EP1624248	(11) EP1671805	(11) EP1681945
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(11) EP1626091	(11) EP1673295	(11) EP1682059
(00) 31.05.2021	(00) 01.11.2020	(00) 01.11.2020
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(11) EP1627878	(11) EP1673439	(11) EP1682158
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(11) EP1809897	(11) EP1906607	(11) EP1919235
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(11) EP2066095	(11) EP2079392	(11) EP2084142
(00) 02.06.2021	(00) 01.11.2020	(00) 01.11.2020
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(11) EP2066960	(11) EP2079435	(11) EP2084183
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(11) EP2068718	(11) EP2079564	(11) EP2084244
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(11) EP2072151	(11) EP2080287	(11) EP2084920

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(11) EP2085059	(11) EP2121876	(11) EP2178159
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(11) EP2087142	(11) EP2124577	(11) EP2178238
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(11) EP2392912	(11) EP2444745	(11) EP2465627
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2394094	(11) EP2446744	(11) EP2466836
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2398557	(11) EP2446821	(11) EP2466838
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2409575	(11) EP2446827	(11) EP2467721
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2412831	(11) EP2446842	(11) EP2472356
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2414106	(11) EP2446860	(11) EP2479366
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2420609	(11) EP2447439	(11) EP2480502
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2425627	(11) EP2447459	(11) EP2482460
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2431433	(11) EP2447884	(11) EP2482748
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2437198	(11) EP2447969	(11) EP2482767
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2437653	(11) EP2449214	(11) EP2482824
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2438511	(11) EP2450093	(11) EP2483094
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2438963	(11) EP2450095	(11) EP2483289
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2439072	(11) EP2451030	(11) EP2483537
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2439117	(11) EP2451059	(11) EP2483751
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2439183	(11) EP2459432	(11) EP2485460

(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2485606	(11) EP2490846	(11) EP2493538
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2485881	(11) EP2490892	(11) EP2493649
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2485903	(11) EP2490968	(11) EP2493673
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2485966	(11) EP2490989	(11) EP2493677
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2486010	(11) EP2490990	(11) EP2493699
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2486018	(11) EP2491008	(11) EP2493869
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2486095	(11) EP2491113	(11) EP2494029
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2486354	(11) EP2491136	(11) EP2494059
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2486375	(11) EP2491289	(11) EP2494111
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2486552	(11) EP2491292	(11) EP2494115
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2486624	(11) EP2491402	(11) EP2494139
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2486718	(11) EP2491583	(11) EP2494218
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2488007	(11) EP2491667	(11) EP2494308
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2488205	(11) EP2491692	(11) EP2494325
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2488269	(11) EP2491729	(11) EP2494388
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2488355	(11) EP2493326	(11) EP2494414
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2488473	(11) EP2493327	(11) EP2494429
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2488481	(11) EP2493385	(11) EP2494505
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2488537	(11) EP2493398	(11) EP2496141
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2488546	(11) EP2493419	(11) EP2496278
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2488929	(11) EP2493464	(11) EP2496838
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2490805	(11) EP2493511	(11) EP2497142

(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
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(11) EP2497585	(11) EP2530653	(11) EP2565018
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
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(11) EP2497623	(11) EP2532679	(11) EP2572052
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(11) EP2498666	(11) EP2533410	(11) EP2575301
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(11) EP2499096	(11) EP2535366	(11) EP2578146
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2499500	(11) EP2537478	(11) EP2579424
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2504552	(11) EP2537743	(11) EP2581001
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
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(11) EP2504737	(11) EP2537744	(11) EP2581993
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2508708	(11) EP2541364	(11) EP2581994
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2510174	(11) EP2541597	(11) EP2583599
(00) 30.12.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2511609	(11) EP2543931	(11) EP2583607
(00) 30.12.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2511701	(11) EP2544051	(11) EP2583618
(00) 30.12.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2512259	(11) EP2545736	(11) EP2584660
(00) 19.04.2021	(00) 30.12.2020	(00) 01.11.2020
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(11) EP2514620	(11) EP2545906	(11) EP2586569
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2515171	(11) EP2546233	(11) EP2586585
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2518325	(11) EP2546721	(11) EP2586736
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2518379	(11) EP2547393	(11) EP2586868
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2520980	(11) EP2552299	(11) EP2587885
(00) 30.12.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2523769	(11) EP2553900	(11) EP2589150
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2524721	(11) EP2554487	(11) EP2589236
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
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(11) EP2525691	(11) EP2554974	(11) EP2589398
(00) 26.01.2021	(00) 30.12.2020	(00) 01.11.2020
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(11) EP2527245	(11) EP2559580	(11) EP2590035
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2527920	(11) EP2564175	(11) EP2591126

(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
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(11) EP2591665	(11) EP2622925	(11) EP2627928
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2591926	(11) EP2624703	(11) EP2627978
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
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(11) EP2593756	(11) EP2624777	(11) EP2628008
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(11) EP2594630	(11) EP2624956	(11) EP2629679
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(11) EP2594854	(11) EP2624973	(11) EP2629762
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2595165	(11) EP2625124	(11) EP2629814
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2596767	(11) EP2625370	(11) EP2629854
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
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(11) EP2597561	(11) EP2625431	(11) EP2629966
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2598440	(11) EP2625817	(11) EP2629988
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2599540	(11) EP2626909	(11) EP2630088
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
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(11) EP2599622	(11) EP2627244	(11) EP2630118
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2599925	(11) EP2627346	(11) EP2630152
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2600054	(11) EP2627360	(11) EP2630282
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2601504	(11) EP2627470	(11) EP2630320
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
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(11) EP2605388	(11) EP2627513	(11) EP2630829
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(11) EP2609008	(11) EP2627524	(11) EP2631274
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2613102	(11) EP2627564	(11) EP2631417
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(11) EP2613250	(11) EP2627638	(11) EP2632393
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(11) EP2613952	(11) EP2627702	(11) EP2632397
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
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(11) EP2615156	(11) EP2627713	(11) EP2632502
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(11) EP2620672	(11) EP2627740	(11) EP2632562
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
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(11) EP2620799	(11) EP2627741	(11) EP2632679

(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
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(11) EP2632726	(11) EP2636131	(11) EP2655801
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(11) EP2632858	(11) EP2636762	(11) EP2658623
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(11) EP2632926	(11) EP2637855	(11) EP2661483
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
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(11) EP2632979	(11) EP2637927	(11) EP2662351
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2632984	(11) EP2637995	(11) EP2664550
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
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(11) EP2633000	(11) EP2638183	(11) EP2666439
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
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(11) EP2633052	(11) EP2638318	(11) EP2667163
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
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(11) EP2633211	(11) EP2638408	(11) EP2669468
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
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(11) EP2633560	(11) EP2638476	(11) EP2672507
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
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(11) EP2633705	(11) EP2640368	(11) EP2673006
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(11) EP2634206	(11) EP2641614	(11) EP2673496
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2634283	(11) EP2643558	(11) EP2674483
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2634284	(11) EP2644864	(11) EP2674614
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2634627	(11) EP2645405	(11) EP2674789
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2634773	(11) EP2645406	(11) EP2678165
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2635170	(11) EP2645407	(11) EP2680236
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2635546	(11) EP2649031	(11) EP2680253
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
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(11) EP2635643	(11) EP2653098	(11) EP2698791
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
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(11) EP2635755	(11) EP2654073	(11) EP2701580
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
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(11) EP2635807	(11) EP2654168	(11) EP2705457
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2635951	(11) EP2654589	(11) EP2708367

(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2708432	(11) EP2725134	(11) EP2750319
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2711037	(11) EP2725459	(11) EP2752535
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2711937	(11) EP2725713	(11) EP2753314
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2713054	(11) EP2727568	(11) EP2753990
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2713936	(11) EP2727699	(11) EP2759943
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2714139	(11) EP2727729	(11) EP2760198
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2714548	(11) EP2727949	(11) EP2760392
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2716673	(11) EP2728100	(11) EP2760696
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2717518	(11) EP2730336	(11) EP2762889
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2719291	(11) EP2730738	(11) EP2762928
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2719641	(11) EP2733019	(11) EP2763883
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2720107	(11) EP2734336	(11) EP2763912
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2720126	(11) EP2735085	(11) EP2763952
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2720204	(11) EP2736541	(11) EP2763954
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2721919	(11) EP2737378	(11) EP2763955
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2721922	(11) EP2740340	(11) EP2763982
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2722474	(11) EP2741492	(11) EP2764043
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2722974	(11) EP2742402	(11) EP2764099
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2722996	(11) EP2744181	(11) EP2764101
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2723097	(11) EP2745212	(11) EP2764636
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2724928	(11) EP2747990	(11) EP2764657
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2725096	(11) EP2748503	(11) EP2764823

(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2765848	(11) EP2766758	(11) EP2770977
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2765858	(11) EP2766759	(11) EP2771104
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2765860	(11) EP2766779	(11) EP2771117
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2765914	(11) EP2766825	(11) EP2771150
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766003	(11) EP2766872	(11) EP2771161
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766046	(11) EP2766995	(11) EP2771164
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766201	(11) EP2767345	(11) EP2771194
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766202	(11) EP2768071	(11) EP2771254
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766204	(11) EP2768257	(11) EP2771256
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766276	(11) EP2768374	(11) EP2771258
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766283	(11) EP2768377	(11) EP2771281
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766303	(11) EP2768598	(11) EP2771307
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766309	(11) EP2768784	(11) EP2771325
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766335	(11) EP2768800	(11) EP2771342
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766378	(11) EP2768821	(11) EP2771345
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766403	(11) EP2769163	(11) EP2771460
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2766482	(11) EP2769492	(11) EP2771512
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766508	(11) EP2769807	(11) EP2771539
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2766704	(11) EP2770612	(11) EP2771832
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2766755	(11) EP2770815	(11) EP2772276
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766756	(11) EP2770878	(11) EP2772420
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766757	(11) EP2770897	(11) EP2772516

(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2772613	(11) EP2784125	(11) EP2809833
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2773079	(11) EP2784533	(11) EP2813785
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2773331	(11) EP2785397	(11) EP2814055
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2773390	(11) EP2790234	(11) EP2814542
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2773507	(11) EP2791396	(11) EP2815097
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2773676	(11) EP2792350	(11) EP2815599
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2773810	(11) EP2793676	(11) EP2816058
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2773840	(11) EP2795858	(11) EP2816228
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2774123	(11) EP2798501	(11) EP2816805
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2774330	(11) EP2798948	(11) EP2821460
(00) 01.11.2020	(00) 15.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) European Patent got Revoked	(00) EPV Ceased Effect
(11) EP2775775	(11) EP2799013	(11) EP2823661
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2775898	(11) EP2800557	(11) EP2825229
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2775986	(11) EP2801487	(11) EP2825356
(00) 30.12.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2776111	(11) EP2801926	(11) EP2825521
(00) 30.12.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2776258	(11) EP2802309	(11) EP2828537
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2776626	(11) EP2802705	(11) EP2829094
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2776683	(11) EP2804147	(11) EP2830596
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2780011	(11) EP2807288	(11) EP2831781
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2780061	(11) EP2807762	(11) EP2831792
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2780740	(11) EP2809119	(11) EP2832478
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2782921	(11) EP2809338	(11) EP2834024
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2783516	(11) EP2809341	(11) EP2837498

(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2839334	(11) EP2860139	(11) EP2868487
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2840822	(11) EP2860225	(11) EP2868564
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2842114	(11) EP2860331	(11) EP2868599
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2842193	(11) EP2860426	(11) EP2868818
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2842523	(11) EP2860460	(11) EP2868857
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2843917	(11) EP2860492	(11) EP2868933
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2845356	(11) EP2860546	(11) EP2869266
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2849164	(11) EP2860550	(11) EP2869277
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2849813	(11) EP2860553	(11) EP2869329
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2850189	(11) EP2860694	(11) EP2870924
(00) 30.01.2021	(00) 30.12.2020	(00) 30.12.2020
(00) European Patent got Revoked	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2851546	(11) EP2862555	(11) EP2871123
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2854397	(11) EP2862556	(11) EP2873286
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2854717	(11) EP2862681	(11) EP2873792
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2855595	(11) EP2862736	(11) EP2874563
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2857606	(11) EP2862830	(11) EP2875425
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2858055	(11) EP2862904	(11) EP2876565
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2858056	(11) EP2862945	(11) EP2877093
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2858064	(11) EP2865280	(11) EP2877123
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2859002	(11) EP2865330	(11) EP2878416
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2859796	(11) EP2865355	(11) EP2878633
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2859874	(11) EP2865610	(11) EP2881788
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2860026	(11) EP2866484	(11) EP2881868

(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2882431	(11) EP2904163	(11) EP2908959
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2883129	(11) EP2904195	(11) EP2909033
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2883760	(11) EP2904391	(11) EP2909080
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2884302	(11) EP2904816	(11) EP2909081
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2884760	(11) EP2905485	(11) EP2909082
(00) 30.12.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2887977	(11) EP2906107	(11) EP2909122
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2888389	(11) EP2906253	(11) EP2909204
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2893424	(11) EP2906390	(11) EP2909735
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2893759	(11) EP2906463	(11) EP2909878
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2897266	(11) EP2906487	(11) EP2909919
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2897303	(11) EP2906551	(11) EP2910195
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2897599	(11) EP2906606	(11) EP2910257
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2898298	(11) EP2906668	(11) EP2910859
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2898830	(11) EP2906737	(11) EP2911492
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2901698	(11) EP2906758	(11) EP2911521
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2902035	(11) EP2906891	(11) EP2911621
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2903605	(11) EP2906902	(11) EP2911652
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2903776	(11) EP2907082	(11) EP2912394
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2903801	(11) EP2907135	(11) EP2912844
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2903882	(11) EP2907835	(11) EP2913349
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2903934	(11) EP2908567	(11) EP2914086
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2904114	(11) EP2908679	(11) EP2914090

(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2914092	(11) EP2921526	(11) EP2944969
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2914156	(11) EP2922480	(11) EP2946590
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2914188	(11) EP2922918	(11) EP2949077
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2914348	(11) EP2923571	(11) EP2951597
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2914409	(11) EP2924785	(11) EP2951626
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2914457	(11) EP2925201	(11) EP2951676
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2914529	(11) EP2926131	(11) EP2952068
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2914599	(11) EP2926621	(11) EP2952146
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2914928	(11) EP2927166	(11) EP2952523
(00) 01.11.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2915332	(11) EP2927935	(11) EP2952685
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2915800	(11) EP2928135	(11) EP2952963
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2916077	(11) EP2928824	(11) EP2954402
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2917223	(11) EP2930713	(11) EP2954902
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2917449	(11) EP2933106	(11) EP2955962
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2917470	(11) EP2936085	(11) EP2956562
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2917630	(11) EP2938687	(11) EP2956624
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2917824	(11) EP2940868	(11) EP2964726
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2918751	(11) EP2941085	(11) EP2965340
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2919068	(11) EP2942163	(11) EP2965508
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2919606	(11) EP2942880	(11) EP2966541
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2919876	(11) EP2943651	(11) EP2967592
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2920113	(11) EP2944363	(11) EP2968077

(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2968632	(11) EP2992435	(11) EP3008022
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2968770	(11) EP2993549	(11) EP3008068
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2968855	(11) EP2994962	(11) EP3009015
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2969829	(11) EP2995884	(11) EP3009233
(00) 30.12.2020	(00) 30.12.2020	(00) 01.11.2020
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(11) EP2970584	(11) EP2996532	(11) EP3009460
(00) 30.12.2020	(00) 30.12.2020	(00) 01.11.2020
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(11) EP2971252	(11) EP2996804	(11) EP3009649
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2972809	(11) EP2997285	(11) EP3009734
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
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(11) EP2973706	(11) EP2997413	(11) EP3009739
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
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(11) EP2974234	(11) EP2997566	(11) EP3010015
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(11) EP2974292	(11) EP2997625	(11) EP3010084
(00) 30.12.2020	(00) 30.12.2020	(00) 01.11.2020
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(11) EP2974777	(11) EP2998754	(11) EP3010223
(00) 30.12.2020	(00) 30.12.2020	(00) 01.11.2020
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(11) EP2975771	(11) EP3002097	(11) EP3010696
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(11) EP2977095	(11) EP3002325	(11) EP3010937
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2977877	(11) EP3002634	(11) EP3011155
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2979979	(11) EP3003442	(11) EP3011186
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2982007	(11) EP3003707	(11) EP3011229
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2982029	(11) EP3004926	(11) EP3012316
(00) 30.12.2020	(00) 30.12.2020	(00) 01.11.2020
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(11) EP2984291	(11) EP3004932	(11) EP3012863
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(11) EP2985348	(11) EP3006045	(11) EP3013026
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
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(11) EP2988418	(11) EP3006112	(11) EP3013689
(00) 30.12.2020	(00) 01.11.2020	(00) 30.12.2020
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(11) EP2991331	(11) EP3006894	(11) EP3015002
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
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(11) EP2992279	(11) EP3007534	(11) EP3015035

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(11) EP3015328	(11) EP3020958	(11) EP3034868
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
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(11) EP3015391	(11) EP3021189	(11) EP3035175
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
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(11) EP3015444	(11) EP3021285	(11) EP3035188
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
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(11) EP3015612	(11) EP3021479	(11) EP3036053
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(11) EP3015687	(11) EP3021497	(11) EP3036054
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
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(11) EP3016078	(11) EP3021740	(11) EP3036290
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3016253	(11) EP3022597	(11) EP3037077
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3017681	(11) EP3023669	(11) EP3040564
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
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(11) EP3017765	(11) EP3023916	(11) EP3042511
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3017841	(11) EP3024172	(11) EP3043351
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3018023	(11) EP3024315	(11) EP3044397
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
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(11) EP3018109	(11) EP3024584	(11) EP3046145
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
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(11) EP3018419	(11) EP3025555	(11) EP3047047
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
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(11) EP3018611	(11) EP3025659	(11) EP3047173
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3018644	(11) EP3026247	(11) EP3048162
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3018666	(11) EP3026349	(11) EP3049213
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3018719	(11) EP3029882	(11) EP3051143
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
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(11) EP3018896	(11) EP3030010	(11) EP3051822
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(11) EP3020489	(11) EP3030751	(11) EP3051924
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
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(11) EP3020744	(11) EP3030836	(11) EP3052096
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3020791	(11) EP3031070	(11) EP3052171
(00) 30.12.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3020898	(11) EP3032878	(11) EP3053527

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(11) EP3054503	(11) EP3059474	(11) EP3065146
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
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(11) EP3054819	(11) EP3059528	(11) EP3065554
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(11) EP3054907	(11) EP3059862	(11) EP3065590
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
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(11) EP3054983	(11) EP3060224	(11) EP3065767
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(11) EP3055037	(11) EP3060282	(11) EP3066076
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(11) EP3055302	(11) EP3060638	(11) EP3066190
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
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(11) EP3055325	(11) EP3060675	(11) EP3067287
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
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(11) EP3055340	(11) EP3060957	(11) EP3067397
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
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(11) EP3055498	(11) EP3061249	(11) EP3067634
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
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(11) EP3055529	(11) EP3061250	(11) EP3068482
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
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(11) EP3055618	(11) EP3062148	(11) EP3068665
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
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(11) EP3055679	(11) EP3062222	(11) EP3069006
(00) 01.11.2020	(00) 30.12.2020	(00) 01.11.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3056594	(11) EP3062479	(11) EP3069030
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3057485	(11) EP3063038	(11) EP3069380
(00) 01.11.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3057559	(11) EP3063226	(11) EP3069473
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
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(11) EP3057728	(11) EP3063295	(11) EP3070122
(00) 01.11.2020	(00) 01.11.2020	(00) 30.12.2020
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(11) EP3057734	(11) EP3063387	(11) EP3070598
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(11) EP3057934	(11) EP3063620	(11) EP3070626
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(11) EP3058038	(11) EP3063691	(11) EP3071009
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(11) EP3058148	(11) EP3063813	(11) EP3071040
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(11) EP3058268	(11) EP3063937	(11) EP3071540
(00) 30.12.2020	(00) 01.11.2020	(00) 01.11.2020
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(11) EP3059154	(11) EP3063978	(11) EP3071615

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(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3071792	(11) EP3084035	(11) EP3096334
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(11) EP3071813	(11) EP3084136	(11) EP3097049
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3071942	(11) EP3084182	(11) EP3097289
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3071961	(11) EP3085265	(11) EP3098329
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3072003	(11) EP3086505	(11) EP3099357
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
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(11) EP3073308	(11) EP3086612	(11) EP3100121
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(11) EP3073324	(11) EP3089043	(11) EP3101438
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(11) EP3074831	(11) EP3089264	(11) EP3102371
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(11) EP3074915	(11) EP3089433	(11) EP3102854
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(11) EP3075540	(11) EP3089845	(11) EP3103317
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(11) EP3076020	(11) EP3089957	(11) EP3103548
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(11) EP3076264	(11) EP3091020	(11) EP3104860
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(11) EP3076299	(11) EP3091185	(11) EP3104898
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(11) EP3076459	(11) EP3091752	(11) EP3106873
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(11) EP3076719	(11) EP3091942	(11) EP3108268
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(11) EP3077136	(11) EP3092970	(11) EP3108990
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(11) EP3078948	(11) EP3093186	(11) EP3109219
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(11) EP3079033	(11) EP3093192	(11) EP3109220
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(11) EP3080596	(11) EP3093730	(11) EP3109252
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(11) EP3081875	(11) EP3095344	(11) EP3110964
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(11) EP3083290	(11) EP3096005	(11) EP3111182

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(11) EP3111424	(11) EP3126097	(11) EP3145428
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(11) EP3111447	(11) EP3126302	(11) EP3146806
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(11) EP3111594	(11) EP3127976	(11) EP3148053
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(11) EP3111709	(11) EP3128086	(11) EP3148878
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(11) EP3112699	(11) EP3128294	(11) EP3149603
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(11) EP3113365	(11) EP3131612	(11) EP3150022
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(11) EP3114701	(11) EP3133075	(11) EP3151447
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(11) EP3115168	(11) EP3133564	(11) EP3151697
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(11) EP3116473	(11) EP3133632	(11) EP3152179
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(11) EP3116484	(11) EP3134012	(11) EP3153014
(00) 30.12.2020	(00) 30.12.2020	(00) 30.12.2020
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(11) EP3117014	(11) EP3136507	(11) EP3153148
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(11) EP3118358	(11) EP3136619	(11) EP3153336
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(11) EP3118515	(11) EP3137038	(11) EP3153743
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(11) EP3119581	(11) EP3137224	(11) EP3153920
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(11) EP3120161	(11) EP3138768	(11) EP3154191
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(11) EP3120424	(11) EP3139420	(11) EP3154429
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(11) EP3120732	(11) EP3140370	(11) EP3154456
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(11) EP3122476	(11) EP3140705	(11) EP3156640
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(11) EP3123273	(11) EP3142095	(11) EP3156746
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(11) EP3125582	(11) EP3144025	(11) EP3156761
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(11) EP3125760	(11) EP3144184	(11) EP3156985
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(11) EP3125874	(11) EP3145423	(11) EP3157053

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(11) EP3157167	(11) EP3165421	(11) EP3171644
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(11) EP3158082	(11) EP3165979	(11) EP3172458
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(11) EP3158132	(11) EP3166312	(11) EP3172618
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(11) EP3158881	(11) EP3166356	(11) EP3172850
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(11) EP3159109	(11) EP3166769	(11) EP3173775
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(11) EP3159277	(11) EP3167167	(11) EP3175209
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(11) EP3159308	(11) EP3167405	(11) EP3175269
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(11) EP3159707	(11) EP3167675	(11) EP3175295
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(11) EP3160937	(11) EP3167957	(11) EP3176144
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(11) EP3161317	(11) EP3168072	(11) EP3176283
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(11) EP3162134	(11) EP3168092	(11) EP3176298
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(11) EP3162548	(11) EP3168390	(11) EP3176493
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(11) EP3162807	(11) EP3168683	(11) EP3176500
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(11) EP3162827	(11) EP3168763	(11) EP3176619
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(11) EP3162988	(11) EP3168866	(11) EP3176663
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(11) EP3163580	(11) EP3170002	(11) EP3176751
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(11) EP3164311	(11) EP3170374	(11) EP3176878
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(11) EP3164488	(11) EP3170707	(11) EP3177312
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(11) EP3165206	(11) EP3171371	(11) EP3177979
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(11) EP3165301	(11) EP3171409	(11) EP3179332
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(11) EP3165416	(11) EP3171468	(11) EP3179506

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(11) EP3180792	(11) EP3199639	(11) EP3207141
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(11) EP3181622	(11) EP3199802	(11) EP3207904
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(11) EP3182230	(11) EP3199841	(11) EP3207934
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(11) EP3185141	(11) EP3200287	(11) EP3208494
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(11) EP3185421	(11) EP3200442	(11) EP3208897
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(11) EP3186151	(11) EP3200453	(11) EP3209168
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(11) EP3187791	(11) EP3200884	(11) EP3209347
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(11) EP3190197	(11) EP3201607	(11) EP3209496
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(11) EP3190258	(11) EP3202132	(11) EP3209612
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(11) EP3190455	(11) EP3203578	(11) EP3209682
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(11) EP3192924	(11) EP3203869	(11) EP3209713
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(11) EP3194193	(11) EP3204792	(11) EP3210348
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(11) EP3194203	(11) EP3205022	(11) EP3210397
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(11) EP3194513	(11) EP3205775	(11) EP3210763
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(11) EP3194690	(11) EP3206259	(11) EP3211347
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(11) EP3196730	(11) EP3206408	(11) EP3211963
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(11) EP3199042	(11) EP3206672	(11) EP3212117
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(11) EP3199118	(11) EP3206725	(11) EP3212599

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(11) EP3212883	(11) EP3219007	(11) EP3224103
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(11) EP3213399	(11) EP3219440	(11) EP3224386
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(11) EP3215785	(11) EP3221484	(11) EP3225669
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(11) EP3216057	(11) EP3221605	(11) EP3225775
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(11) EP3216213	(11) EP3221740	(11) EP3226055
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(11) EP3216240	(11) EP3221907	(11) EP3226329
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(11) EP3216432	(11) EP3221960	(11) EP3226583
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(11) EP3216521	(11) EP3222667	(11) EP3226969
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(11) EP3217436	(11) EP3222872	(11) EP3227150
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(11) EP3217568	(11) EP3223199	(11) EP3227155
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(11) EP3217701	(11) EP3223353	(11) EP3227589
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(11) EP3236496	(11) EP3243815	(11) EP3255741
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(11) EP3240132	(11) EP3251599	(11) EP3263547
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(11) EP3346657	(11) EP3357436	(11) EP3365383
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(11) EP3347156	(11) EP3357501	(11) EP3365472
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(11) EP3347557	(11) EP3358149	(11) EP3365495
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(11) EP3347706	(11) EP3358288	(11) EP3365532
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(11) EP3348398	(11) EP3358806	(11) EP3365554
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(11) EP3348656	(11) EP3359493	(11) EP3365632
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(11) EP3348696	(11) EP3359517	(11) EP3365679
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(11) EP3349494	(11) EP3359529	(11) EP3365931
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(11) EP3350448	(11) EP3359561	(11) EP3366094
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(11) EP3351389	(11) EP3359800	(11) EP3366422
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(11) EP3352187	(11) EP3360235	(11) EP3366694

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(11) EP3366697	(11) EP3371904	(11) EP3378156
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(11) EP3366717	(11) EP3371919	(11) EP3378278
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(11) EP3367896	(11) EP3372463	(11) EP3379179
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(11) EP3368619	(11) EP3373323	(11) EP3379638
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(11) EP3368757	(11) EP3374074	(11) EP3379930
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(11) EP3369029	(11) EP3374128	(11) EP3380268
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(11) EP3369547	(11) EP3374658	(11) EP3381985
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(11) EP3369658	(11) EP3374735	(11) EP3382200
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(11) EP3371457	(11) EP3376810	(11) EP3382966
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(11) EP3371482	(11) EP3376818	(11) EP3384349
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VRB

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

(11) 2022591
(48) 02.06.2021
(00) File Search Report
(51) G01P 3/48
 G01R 31/34
 H02P 7/00

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

	H04N 9/31	A23L 1/19
(71) Cameron Technologies Limited	(00) Merge	(00) Assignment
(73) Cameron Technologies Limited	(71) Aidence IP B.V.	(71) Unilever IP Holdings B.V.
(11) EP2463560	(73) Aidence IP B.V.	(73) Unilever IP Holdings B.V.
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(00) Assignment	G16H 50/20	C11D 17/04
(71) LITTLE GIANT LADDER SYSTEMS, LLC	(00) Demerger	(00) Assignment
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(73) Brandcommit B.V.	H04L 29/12	C12P 21/02
(11) EP2789317	(00) Assignment	C12Q 3/00
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(11) EP3191676	(71) LITTLE GIANT LADDER SYSTEMS, LLC	(73) Unilever IP Holdings B.V.
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(11) EP2542620	(71) Aidence IP B.V.	(00) Assignment
(00) 19.04.2021	(73) Aidence IP B.V.	(71) Unilever IP Holdings B.V.
(51) C08L 33/06	(11) 2019410	(73) Unilever IP Holdings B.V.
(00) Change of owner(s) name	(00) 19.04.2021	(11) EP1419698
(71) GELMETIX LIMITED	(51) G16H 30/40	(00) 13.04.2021
(73) GELMETIX LIMITED	G16H 50/20	(51) A23C 11/04
(11) EP1962918	(00) Demerger	A23C 11/08
(00) 19.04.2021	(71) Nanjing Genscript Biotech Co., Ltd.	A23D 9/007
(51) A61L 27/16	(73) Nanjing Genscript Biotech Co., Ltd.	A23D 9/05
A61L 27/50	(11) EP2923198	A23L 1/19
(00) Change of owner(s) name	(00) 20.04.2021	A23L 1/30
(71) ANSYS France SAS	(51) G01N 27/447	(00) Assignment
(73) ANSYS France SAS	G01N 27/453	(71) Unilever IP Holdings B.V.
(11) EP1789949	(00) Change of owner(s) name	(73) Unilever IP Holdings B.V.
(00) 19.04.2021	(71) Unilever IP Holdings B.V.	(11) EP1833956
(51) G03B 21/26	(73) Unilever IP Holdings B.V.	(00) 13.04.2021
G09G 5/02	(11) 1024763	(51) C11D 3/16
G09G 5/04	(00) 13.04.2021	C11D 3/39
	(51) A23C 11/02	C11D 17/00
	A23D 9/00	D06F 39/02

(00) Assignment	A23L 1/305	(11) EP1962619
(71) Theravance Biopharma R&D IP, LLC	A23L 2/52	(00) 13.04.2021
(73) Theravance Biopharma R&D IP, LLC	(00) Assignment	(51) A23L 1/00
(11) EP1615889	(71) Unilever IP Holdings B.V.	A23L 1/40
(00) 20.04.2021	(73) Unilever IP Holdings B.V.	(00) Assignment
(51) C07D 211/46	(11) EP1889546	(71) Unilever IP Holdings B.V.
(00) Assignment	(00) 13.04.2021	(73) Unilever IP Holdings B.V.
(71) Unilever IP Holdings B.V.	(51) A23D 7/00	(11) EP2190405
(73) Unilever IP Holdings B.V.	A23D 9/00	(00) 13.04.2021
(11) EP1633842	A23L 1/40	(51) A61K 8/60
(00) 13.04.2021	(00) Assignment	A61Q 5/00
(51) C11D 3/00	(71) Unilever IP Holdings B.V.	A61Q 5/02
C11D 3/40	(73) Unilever IP Holdings B.V.	A61Q 5/12
(00) Assignment	(11) EP1737420	(00) Assignment
(71) Unilever IP Holdings B.V.	(00) 13.04.2021	(71) Unilever IP Holdings B.V.
(73) Unilever IP Holdings B.V.	(51) A61K 8/362	(73) Unilever IP Holdings B.V.
(11) EP1438003	A61K 8/60	(11) EP1942987
(00) 13.04.2021	A61Q 5/00	(00) 13.04.2021
(51) A61K 8/892	A61Q 5/02	(51) A61K 8/89
A61Q 5/06	A61Q 5/12	A61Q 5/06
(00) Assignment	(00) Assignment	(00) Assignment
(71) Unilever IP Holdings B.V.	(71) Philips Lighting Holding B.V.	(71) Unilever IP Holdings B.V.
(73) Unilever IP Holdings B.V.	(73) Signify Holding B.V.	(73) Unilever IP Holdings B.V.
(11) EP1778173	(11) EP1933587	(11) EP1972329
(00) 13.04.2021	(00) 20.04.2021	(00) 13.04.2021
(51) A61K 8/18	(51) H04B 10/24	(51) A61K 8/04
(00) Assignment	H04M 11/06	A61K 8/81
(71) Unilever IP Holdings B.V.	(00) Assignment	A61K 8/89
(73) Unilever IP Holdings B.V.	(71) Unilever IP Holdings B.V.	A61Q 5/06
(11) EP2005838	(73) Unilever IP Holdings B.V.	A61Q 5/12
(00) 13.04.2021	(11) EP1741774	(00) Assignment
(51) A23L 19/10	(00) 13.04.2021	(71) Unilever IP Holdings B.V.
A23L 23/00	(51) C11D 1/66	(73) Unilever IP Holdings B.V.
A23L 23/10	C11D 1/72	(11) EP2222181
(00) Assignment	C11D 3/39	(00) 13.04.2021
(71) Unilever IP Holdings B.V.	(00) Assignment	(51) A23F 3/06
(73) Unilever IP Holdings B.V.	(71) Unilever IP Holdings B.V.	A23F 3/08
(11) EP2200577	(73) Unilever IP Holdings B.V.	A23F 3/16
(00) 13.04.2021	(11) EP2079435	A23F 3/18
(51) A61K 8/44	(00) 13.04.2021	A23F 3/30
A61K 8/49	(51) A61K 8/02	(00) Assignment
A61K 8/58	A61K 8/04	(71) Unilever IP Holdings B.V.
A61K 8/64	A61K 8/26	(73) Unilever IP Holdings B.V.
A61K 8/67	A61K 8/34	(11) EP2516318
A61K 8/97	A61K 8/36	(00) 13.04.2021
A61Q 7/00	A61K 8/41	(51) B67D 1/00
(00) Assignment	A61K 8/42	B67D 3/00
(71) Signify Holding B.V.	A61Q 5/02	(00) Assignment
(73) Signify Holding B.V.	A61Q 5/12	(71) Theravance Biopharma R&D IP, LLC
(11) EP1933587	(00) Assignment	(73) Theravance Biopharma R&D IP, LLC
(00) 20.04.2021	(71) Unilever IP Holdings B.V.	(11) EP1778672
(51) H04B 10/24	(73) Unilever IP Holdings B.V.	(00) 20.04.2021
H04M 11/06	(11) EP1753671	(51) A61K 31/4709
(00) Change of owner(s) name	(00) 13.04.2021	A61P 11/00
(71) Unilever IP Holdings B.V.	(51) B65D 65/20	C07D 401/12
(73) Unilever IP Holdings B.V.	B65D 75/38	(00) Assignment
(11) EP1965759	B65D 77/02	(71) Unilever IP Holdings B.V.
(00) 13.04.2021	(00) Assignment	(73) Unilever IP Holdings B.V.
(51) A61K 8/81	(71) Unilever IP Holdings B.V.	(11) EP1886585
A61Q 5/06	(73) Unilever IP Holdings B.V.	(00) 13.04.2021
(00) Assignment	(11) EP1942986	(51) A23F 3/40
(71) Unilever IP Holdings B.V.	(00) 13.04.2021	A23L 1/29
(73) Unilever IP Holdings B.V.	(51) A61K 8/89	A23L 1/30
(11) EP1819241	A61Q 5/06	A23L 2/60
(00) 13.04.2021	(00) Assignment	(00) Assignment
(51) A23F 3/16	(71) Unilever IP Holdings B.V.	(71) Unilever IP Holdings B.V.
A23F 3/30	(73) Unilever IP Holdings B.V.	(73) Unilever IP Holdings B.V.

(11) EP2164337	(51) A61K 8/60	(71) FUJIFILM SONOSITE, INC.
(00) 13.04.2021	A61Q 5/06	(73) FUJIFILM SONOSITE, INC.
(51) A23F 3/14	(00) Assignment	(11) EP2004063
A23F 3/16	(71) Unilever IP Holdings B.V.	(00) 20.04.2021
A23F 3/30	(73) Unilever IP Holdings B.V.	(51) B06B 1/06
A23L 1/30	(11) EP2421499	G10K 11/02
A23L 2/52	(00) 13.04.2021	(00) Assignment
(00) Assignment	(51) A61K 8/29	(71) Ofinno, LLC
(71) Unilever IP Holdings B.V.	A61K 8/362	(73) Ofinno, LLC
(73) Unilever IP Holdings B.V.	A61K 8/365	(11) EP3329632
(11) EP2358221	A61Q 5/12	(00) 21.04.2021
(00) 13.04.2021	(00) Assignment	(51) H04L 5/00
(51) A23L 1/212	(71) Unilever IP Holdings B.V.	H04L 27/00
A23L 1/22	(73) Unilever IP Holdings B.V.	H04W 16/14
A23L 1/24	(11) EP2592979	(00) Change of owner(s) name
A23L 1/308	(00) 13.04.2021	(71) FUJIFILM VISUALSONICS INC.
(00) Assignment	(51) A47J 31/40	(73) FUJIFILM SONOSITE, INC.
(71) Unilever IP Holdings B.V.	(00) Assignment	(11) EP2004063
(73) Unilever IP Holdings B.V.	(71) Unilever IP Holdings B.V.	(00) 20.04.2021
(11) EP2091507	(73) Unilever IP Holdings B.V.	(51) B06B 1/06
(00) 13.04.2021	(11) EP2651235	G10K 11/02
(51) A61K 8/34	(00) 13.04.2021	(00) Change of owner(s) name
A61K 8/41	(51) A23F 3/06	(71) Unilever IP Holdings B.V.
A61K 8/42	A23F 3/16	(73) Unilever IP Holdings B.V.
A61K 8/73	A23F 3/20	(11) EP2642865
A61Q 5/02	(00) Assignment	(00) 13.04.2021
A61Q 5/12	(71) Unilever IP Holdings B.V.	(51) A23F 3/16
(00) Assignment	(73) Unilever IP Holdings B.V.	(00) Assignment
(71) Unilever IP Holdings B.V.	(11) EP2257522	(71) Unilever IP Holdings B.V.
(73) Unilever IP Holdings B.V.	(00) 13.04.2021	(73) Unilever IP Holdings B.V.
(11) EP2219474	(51) C07C 227/40	(11) EP2592978
(00) 13.04.2021	C07C 229/16	(00) 13.04.2021
(51) A23L 27/12	C11D 3/33	(51) A47J 31/40
A23L 27/22	(00) Assignment	B65D 85/804
(00) Assignment	(71) Unilever PLC	(00) Assignment
(71) Unilever IP Holdings B.V.	Unilever IP Holdings B.V.	(71) Unilever IP Holdings B.V.
(73) Unilever IP Holdings B.V.	(73) Unilever PLC	(73) Unilever IP Holdings B.V.
(11) EP2443220	Unilever IP Holdings B.V.	(11) EP2806748
(00) 13.04.2021	(11) EP2108270	(00) 13.04.2021
(51) C11D 3/37	(00) 13.04.2021	(51) A23F 3/14
C11D 3/40	(51) A23F 3/16	A23F 3/16
D06L 3/12	A23F 3/30	A23F 3/18
D06P 1/00	A23L 1/305	(00) Assignment
(00) Assignment	A23L 2/52	(71) Theravance Biopharma R&D IP, LLC
(71) Allergan Limited	(00) Assignment	(73) Theravance Biopharma R&D IP, LLC
(73) Allergan Limited	(71) Unilever IP Holdings B.V.	(11) EP2421849
(11) EP2693983	(73) Unilever IP Holdings B.V.	(00) 20.04.2021
(00) 20.04.2021	(11) EP2575503	(51) A61K 31/444
(51) A61F 2/18	(00) 13.04.2021	A61P 11/00
A61F 11/00	(51) A23F 3/00	A61P 11/08
(00) Assignment	A23F 3/14	C07D 401/12
(71) Unilever IP Holdings B.V.	A23F 3/24	(00) Assignment
(73) Unilever IP Holdings B.V.	A23F 3/34	(71) Unilever IP Holdings B.V.
(11) EP2096939	A23L 1/22	(73) Unilever IP Holdings B.V.
(00) 13.04.2021	A23L 1/30	(11) EP2579838
(51) A23L 1/00	A23L 2/52	(00) 13.04.2021
A23L 1/162	A61K 36/48	(51) A61K 8/29
A23L 1/212	A61K 36/82	A61K 8/362
A23L 1/237	(00) Assignment	A61K 8/365
A23L 1/311	(71) Unilever IP Holdings B.V.	A61Q 5/06
A23L 1/40	(73) Unilever IP Holdings B.V.	(00) Assignment
A23L 2/39	(11) EP2723192	(71) Unilever IP Holdings B.V.
(00) Assignment	(00) 13.04.2021	(73) Unilever IP Holdings B.V.
(71) Unilever IP Holdings B.V.	(51) A23B 7/022	(11) EP2584918
(73) Unilever IP Holdings B.V.	A23L 1/212	(00) 13.04.2021
(11) EP2237766	A23L 1/224	(51) A23L 1/22
(00) 13.04.2021	(00) Assignment	A23L 1/236

(00) Assignment	C07D 409/14	(51) G05B 19/408
(71) Unilever IP Holdings B.V.	C07D 453/02	(00) Change of owner(s) name
(73) Unilever IP Holdings B.V.	C07D 471/08	(71) Unilever IP Holdings B.V.
(11) EP2666393	G01N 33/94	(73) Unilever IP Holdings B.V.
(00) 13.04.2021	(00) Assignment	(11) EP2621827
(51) A47J 31/40	(71) Unilever IP Holdings B.V.	(00) 13.04.2021
(00) Assignment	(73) Unilever IP Holdings B.V.	(51) B65D 47/08
(71) Unilever IP Holdings B.V.	(11) EP2665375	B65D 47/20
(73) Unilever IP Holdings B.V.	(00) 13.04.2021	B65D 51/24
(11) EP2866590	(51) A23L 1/0522	(00) Assignment
(00) 13.04.2021	A23L 1/0526	(71) Unilever IP Holdings B.V.
(51) A23L 23/00	A23L 1/0528	(73) Unilever IP Holdings B.V.
A23L 23/10	A23L 1/0532	(11) EP3027055
A23L 27/60	A23L 1/054	(00) 13.04.2021
A23L 29/231	A23L 1/24	(51) A23L 27/10
(00) Assignment	A23L 1/39	A23L 27/22
(71) Unilever IP Holdings B.V.	A23L 1/40	(00) Assignment
(73) Unilever IP Holdings B.V.	(00) Assignment	(71) Theravance Biopharma R&D IP, LLC
(11) EP2988610	(71) Unilever IP Holdings B.V.	(73) Theravance Biopharma R&D IP, LLC
(00) 13.04.2021	(73) Unilever IP Holdings B.V.	(11) EP1981872
(51) A23L 3/005	(11) EP2160181	(00) 20.04.2021
(00) Assignment	(00) 13.04.2021	(51) A61K 31/4709
(71) FUJIFILM VISUALSONICS INC.	(51) A61K 8/06	A61P 11/00
(73) FUJIFILM SONOSITE, INC.	A61K 8/34	A61P 11/06
(11) EP2872045	A61K 8/41	C07D 401/12
(00) 20.04.2021	A61K 8/891	(00) Assignment
(51) A61B 8/08	A61K 8/892	(71) Unilever IP Holdings B.V.
A61B 8/12	A61Q 5/12	(73) Unilever IP Holdings B.V.
A61B 10/02	(00) Assignment	(11) EP2934179
A61B 10/04	(71) Theravance Biopharma R&D IP, LLC	(00) 13.04.2021
A61B 17/34	(73) Theravance Biopharma R&D IP, LLC	(51) A23L 19/00
(00) Change of owner(s) name	(11) EP2599778	A23L 29/231
(71) HEALTHTECH BIO ACTIVES, S.L.U.	(00) 20.04.2021	A23L 29/262
(73) HEALTHTECH BIO ACTIVES, S.L.U.	(51) A61K 31/444	A23L 33/24
(11) EP3285597	A61P 11/00	(00) Assignment
(00) 20.04.2021	A61P 11/08	(71) GlaxoSmithKline Intellectual Property
(51) A23K 20/00	C07D 401/12	Development Limited
A23K 20/105	(00) Assignment	(73) Theravance Biopharma R&D IP, LLC
A23K 50/30	(71) FUJIFILM SONOSITE, INC.	(11) EP1981872
A23K 50/60	(73) FUJIFILM SONOSITE, INC.	(00) 20.04.2021
A23L 27/20	(11) EP2872045	(51) A61K 31/4709
(00) Assignment	(00) 20.04.2021	A61P 11/00
(71) Unilever IP Holdings B.V.	(51) A61B 8/08	A61P 11/06
(73) Unilever IP Holdings B.V.	A61B 8/12	C07D 401/12
(11) EP2723184	A61B 10/02	(00) Assignment
(00) 13.04.2021	A61B 10/04	(71) Unilever IP Holdings B.V.
(51) A23F 3/08	A61B 17/34	(73) Unilever IP Holdings B.V.
A23F 3/12	(00) Assignment	(11) EP2229825
A23F 3/16	(71) Unilever IP Holdings B.V.	(00) 13.04.2021
(00) Assignment	(73) Unilever IP Holdings B.V.	(51) A23L 5/00
(71) Theravance Biopharma R&D IP, LLC	(11) EP2986937	A23L 23/10
(73) Theravance Biopharma R&D IP, LLC	(00) 13.04.2021	(00) Assignment
(11) EP2246345	(51) A61B 5/00	(71) Philips Lighting Holding B.V.
(00) 20.04.2021	G01B 5/28	(73) Signify Holding B.V.
(51) A61K 31/445	G01B 21/30	(11) EP2777223
A61K 31/452	(00) Assignment	(00) 20.04.2021
A61K 31/4709	(71) Ofinno, LLC	(51) H04L 12/28
C07D 211/46	(73) Ofinno, LLC	H04L 12/66
C07D 211/48	(11) EP3275252	(00) Assignment
C07D 211/58	(00) 21.04.2021	(71) ALLERGAN BIOLOGICS LIMITED
C07D 401/06	(51) H04W 52/34	(73) Allergan Limited
C07D 401/12	H04W 52/36	(11) EP2693983
C07D 401/14	(00) Change of owner(s) name	(00) 20.04.2021
C07D 405/12	(71) INSTANTPRO B.V.	(51) A61F 2/18
C07D 405/14	(73) INSTANTPRO B.V.	A61F 11/00
C07D 409/06	(11) 2015839	(00) Assignment
C07D 409/12	(00) 21.04.2021	(71) Signify Holding B.V.

(73) Signify Holding B.V.	A61K 31/56	A61Q 5/06
(11) EP2777223	A61K 45/06	(00) Assignment
(00) 20.04.2021	A61P 11/00	(71) Unilever IP Holdings B.V.
(51) H04L 12/28	A61P 11/08	(73) Unilever IP Holdings B.V.
H04L 12/66	C07D 401/12	(11) EP3277094
(00) Change of owner(s) name	(00) Assignment	(00) 13.04.2021
(71) INSTANTPRO B.V.	(71) Forta, LLC	(51) A23F 3/16
(73) INSTANTPRO B.V.	(73) Forta, LLC	(00) Assignment
(11) 2020860	(11) EP2284136	(71) Unilever IP Holdings B.V.
(00) 21.04.2021	(00) 20.04.2021	(73) Unilever IP Holdings B.V.
(51) B25J 9/16	(51) C04B 16/06	(11) EP2852375
B23K 9/10	C04B 26/26	(00) 13.04.2021
B23K 9/235	E04C 5/07	(51) A61K 8/365
B23K 26/08	(00) Change of Legal Entity	A61Q 5/04
G05B 19/4097	(71) ZUR MÜHLEN Markenbesitzgesellschaft	(00) Assignment
(00) Change of owner(s) name	mbH & Co. KG	(71) Unilever IP Holdings B.V.
(71) Unilever IP Holdings B.V.	(73) ZUR MÜHLEN Markenbesitzgesellschaft	(73) Unilever IP Holdings B.V.
(73) Unilever IP Holdings B.V.	mbH & Co. KG	(11) EP2642864
(11) EP2642866	(11) EP2008533	(00) 13.04.2021
(00) 13.04.2021	(00) 21.04.2021	(51) A23F 3/16
(51) A23F 3/16	(51) A23L 1/31	(00) Assignment
(00) Assignment	A23L 1/317	(71) Unilever IP Holdings B.V.
(71) Unilever IP Holdings B.V.	(00) Assignment	(73) Unilever IP Holdings B.V.
(73) Unilever IP Holdings B.V.	(71) Unilever IP Holdings B.V.	(11) EP2866591
(11) EP2717721	(73) Unilever IP Holdings B.V.	(00) 13.04.2021
(00) 13.04.2021	(11) EP2231486	(51) A23L 1/0524
(51) A61K 31/352	(00) 13.04.2021	A23L 1/24
A61K 31/7048	(51) B65D 47/08	A23L 1/39
A23L 33/10	(00) Assignment	A23L 1/40
(00) Assignment	(71) Unilever IP Holdings B.V.	(00) Assignment
(71) Parker-Hannifin Corporation	(73) Unilever IP Holdings B.V.	(71) Unilever IP Holdings B.V.
(73) Parker-Hannifin Corporation	(11) EP2852376	(73) Unilever IP Holdings B.V.
(11) EP2900853	(00) 13.04.2021	(11) EP2683775
(00) 21.04.2021	(51) A61K 8/365	(00) 13.04.2021
(51) D01D 4/00	A61K 8/60	(51) C09B 69/10
D01D 5/18	A61Q 5/04	C11D 3/42
D01D 13/00	(00) Assignment	(00) Assignment
(00) Assignment	(71) Unilever IP Holdings B.V.	(71) ACO Severin Ahlmann GmbH & Co.
(71) Metso Outotec Finland Oy	(73) Unilever IP Holdings B.V.	Limited Partnership
(73) Metso Outotec Finland Oy	(11) EP2515683	(73) ACO Severin Ahlmann GmbH & Co.
(11) EP2993626	(00) 13.04.2021	Limited Partnership
(00) 21.04.2021	(51) A23L 1/03	(11) EP2712825
(51) G06K 7/10	A23L 1/05	(00) 22.04.2021
G06K 19/07	A23L 1/0526	(51) B65D 90/10
(00) Merge	A23L 1/0532	E03F 5/16
(71) Ofinno, LLC	A23L 1/054	(00) Assignment
(73) Ofinno, LLC	A23L 1/056	(71) Unilever IP Holdings B.V.
(11) EP3272046	A23L 1/22	(73) Unilever IP Holdings B.V.
(00) 21.04.2021	A23L 1/39	(11) EP3136878
(51) H04L 1/00	A23L 1/40	(00) 13.04.2021
(00) Change of owner(s) name	(00) Assignment	(51) A23L 19/00
(71) Metso Outotec Finland Oy	(71) Unilever IP Holdings B.V.	A23L 29/206
(73) Metso Outotec Finland Oy	(73) Unilever IP Holdings B.V.	(00) Assignment
(11) EP3090490	(11) EP2992054	(71) Unilever IP Holdings B.V.
(00) 21.04.2021	(00) 13.04.2021	(73) Unilever IP Holdings B.V.
(51) G06K 7/10	(51) C09B 31/043	(11) EP2249769
G06K 19/07	C09B 31/047	(00) 13.04.2021
G06K 19/077	C09B 33/02	(51) A61K 8/06
G08C 17/02	C09B 69/00	A61K 8/73
H04B 1/59	C11D 3/40	A61K 8/891
(00) Merge	(00) Assignment	A61K 8/892
(71) Theravance Biopharma R&D IP, LLC	(71) Unilever IP Holdings B.V.	A61K 8/898
(73) Theravance Biopharma R&D IP, LLC	(73) Unilever IP Holdings B.V.	A61K 8/90
(11) EP3210981	(11) EP3128990	A61Q 5/12
(00) 20.04.2021	(00) 13.04.2021	(00) Assignment
(51) A61K 31/444	(51) A61K 8/27	(71) TikTok Pte. Ltd.
A61K 31/4709	A61K 8/34	(73) TikTok Pte. Ltd.

(11) EP2021954	(71) Unilever IP Holdings B.V.	(00) Assignment
(00) 22.04.2021	(73) Unilever IP Holdings B.V.	(71) Unilever IP Holdings B.V.
(51) G06F 17/30	(11) EP2864464	(73) Unilever IP Holdings B.V.
(00) Assignment	(00) 13.04.2021	(11) EP2988829
(71) Unilever IP Holdings B.V.	(51) C11D 1/72	(00) 13.04.2021
(73) Unilever IP Holdings B.V.	C11D 1/83	(51) A61K 8/11
(11) EP3220880	C11D 3/34	A61K 8/60
(00) 13.04.2021	C11D 3/40	A61Q 5/02
(51) A61K 8/33	C11D 3/42	C11D 1/66
A61K 8/42	C11D 11/00	(00) Assignment
A61Q 5/04	(00) Assignment	(71) Unilever IP Holdings B.V.
(00) Assignment	(71) Unilever IP Holdings B.V.	(73) Unilever IP Holdings B.V.
(71) Unilever IP Holdings B.V.	(73) Unilever IP Holdings B.V.	(11) EP2934162
(73) Unilever IP Holdings B.V.	(11) EP2713772	(00) 13.04.2021
(11) EP3107987	(00) 13.04.2021	(51) A23F 3/14
(00) 13.04.2021	(51) A23L 3/48	A23F 3/16
(51) C11D 1/66	A23L 5/10	C08L 1/02
C11D 3/08	A23L 19/00	A23L 29/262
C11D 3/10	A23L 23/10	A23L 33/21
C11D 3/20	A23L 27/10	A23L 33/22
C11D 3/33	A23L 29/212	A23L 33/24
C11D 3/37	(00) Assignment	(00) Assignment
C11D 3/39	(71) Unilever IP Holdings B.V.	(71) Unilever IP Holdings B.V.
(00) Assignment	(73) Unilever IP Holdings B.V.	(73) Unilever IP Holdings B.V.
(71) Unilever IP Holdings B.V.	(11) EP2516319	(11) EP2852377
(73) Unilever IP Holdings B.V.	(00) 13.04.2021	(00) 13.04.2021
(11) EP3061744	(51) B67D 1/00	(51) A61K 8/365
(00) 13.04.2021	B67D 3/00	A61K 8/60
(51) C07C 227/40	(00) Assignment	A61Q 5/04
C07C 227/42	(71) Unilever IP Holdings B.V.	(00) Assignment
C07C 229/16	(73) Unilever IP Holdings B.V.	(71) Lemon Inc.
C11D 3/33	(11) EP3099285	(73) TikTok Pte. Ltd.
C11D 7/32	(00) 13.04.2021	(11) EP2021954
C11D 17/00	(51) A61K 8/04	(00) 22.04.2021
(00) Assignment	A61K 8/25	(51) G06F 17/30
(71) Unilever IP Holdings B.V.	A61K 8/31	(00) Assignment
(73) Unilever IP Holdings B.V.	A61K 8/58	(71) Unilever IP Holdings B.V.
(11) EP3247222	A61K 8/891	(73) Unilever IP Holdings B.V.
(00) 13.04.2021	A61K 8/894	(11) EP3242927
(51) A23F 3/14	A61K 8/895	(00) 13.04.2021
A23F 3/16	A61Q 5/00	(51) C09B 19/00
A23F 3/30	A61Q 5/06	C11D 3/40
A23L 2/52	(00) Assignment	C11D 11/00
A23L 2/56	(71) Unilever IP Holdings B.V.	(00) Assignment
A23L 2/62	(73) Unilever IP Holdings B.V.	(71) Unilever IP Holdings B.V.
A23L 33/105	(11) EP3202680	(73) Unilever IP Holdings B.V.
(00) Assignment	(00) 13.04.2021	(11) EP3462914
(71) Unilever IP Holdings B.V.	(51) B65D 5/20	(00) 13.04.2021
(73) Unilever IP Holdings B.V.	B65D 5/32	(51) A23L 2/39
(11) EP3071297	B65D 5/54	C08L 1/02
(00) 13.04.2021	B65D 5/68	A23L 19/00
(51) A61K 8/33	(00) Assignment	A23L 23/10
A61K 8/365	(71) Unilever IP Holdings B.V.	A23L 29/212
A61K 8/44	(73) Unilever IP Holdings B.V.	A23L 29/231
A61Q 5/04	(11) EP2988605	A23L 29/262
A61Q 5/06	(00) 13.04.2021	(00) Assignment
(00) Assignment	(51) A23C 11/04	(71) Unilever IP Holdings B.V.
(71) Unilever IP Holdings B.V.	A23F 3/30	(73) Unilever IP Holdings B.V.
(73) Unilever IP Holdings B.V.	(00) Assignment	(11) EP3209141
(11) EP2421498	(71) Unilever IP Holdings B.V.	(00) 13.04.2021
(00) 13.04.2021	(73) Unilever IP Holdings B.V.	(51) A23J 1/14
(51) A61K 8/27	(11) EP2714985	A23L 9/10
A61K 8/365	(00) 13.04.2021	A23L 29/212
A61K 8/368	(51) C09B 69/10	A23P 30/40
A61K 8/49	C11D 3/37	(00) Assignment
A61Q 7/00	C11D 3/40	(71) Unilever IP Holdings B.V.
(00) Assignment	D06P 1/00	(73) Unilever IP Holdings B.V.

(11) EP3097170	(71) Unilever IP Holdings B.V.	A23D 9/007
(00) 13.04.2021	(73) Unilever IP Holdings B.V.	(00) Assignment
(51) C11D 3/40	(11) EP3364768	(71) Unilever IP Holdings B.V.
C11D 17/00	(00) 13.04.2021	(73) Unilever IP Holdings B.V.
(00) Assignment	(51) A23D 7/005	(11) EP3217955
(71) Unilever IP Holdings B.V.	A23D 9/007	(00) 13.04.2021
(73) Unilever IP Holdings B.V.	(00) Assignment	(51) A61K 8/60
(11) EP2877146	(71) Unilever IP Holdings B.V.	A61Q 5/06
(00) 13.04.2021	(73) Unilever IP Holdings B.V.	(00) Assignment
(51) A61K 8/04	(11) EP3414188	(71) Unilever IP Holdings B.V.
A61K 8/34	(00) 13.04.2021	(73) Unilever IP Holdings B.V.
A61K 8/41	(51) B65D 85/808	(11) EP3554274
A61Q 5/12	(00) Assignment	(00) 13.04.2021
(00) Assignment	(71) Unilever IP Holdings B.V.	(51) A23L 7/10
(71) Unilever IP Holdings B.V.	(73) Unilever IP Holdings B.V.	A23L 13/00
(73) Unilever IP Holdings B.V.	(11) EP2879659	A23L 19/00
(11) EP3325102	(00) 13.04.2021	A23L 27/10
(00) 13.04.2021	(51) A61K 8/891	A23L 27/14
(51) A61K 8/36	A61K 8/892	A23L 27/21
A61K 8/362	A61K 8/898	A23L 27/22
A61K 8/365	A61K 8/90	A23L 27/23
A61K 8/49	A61Q 5/02	A23L 27/40
A61Q 5/04	A61Q 5/12	A23L 31/15
(00) Assignment	(00) Assignment	(00) Assignment
(71) Unilever IP Holdings B.V.	(71) Unilever IP Holdings B.V.	(71) Unilever IP Holdings B.V.
(73) Unilever IP Holdings B.V.	(73) Unilever IP Holdings B.V.	(73) Unilever IP Holdings B.V.
(11) EP3364770	(11) EP3283391	(11) EP3236781
(00) 13.04.2021	(00) 13.04.2021	(00) 13.04.2021
(51) A23D 7/005	(51) B65D 47/28	(51) A23L 23/00
A23D 9/007	(00) Assignment	A23L 23/10
(00) Assignment	(71) Unilever IP Holdings B.V.	A23L 29/00
(71) Unilever IP Holdings B.V.	(73) Unilever IP Holdings B.V.	A23L 29/212
(73) Unilever IP Holdings B.V.	(11) EP3328499	A23L 29/225
(11) EP2804671	(00) 13.04.2021	A23P 30/40
(00) 13.04.2021	(51) A61K 8/26	(00) Assignment
(51) A61K 8/02	A61K 8/31	(71) Unilever IP Holdings B.V.
A61K 8/892	A61K 8/58	(73) Unilever IP Holdings B.V.
A61Q 5/02	A61K 8/895	(11) EP3373746
A61Q 5/12	A61Q 5/06	(00) 13.04.2021
A61K 8/97	(00) Assignment	(51) A23L 27/60
(00) Assignment	(71) Unilever IP Holdings B.V.	A23L 29/10
(71) Unilever IP Holdings B.V.	(73) Unilever IP Holdings B.V.	A23L 29/206
(73) Unilever IP Holdings B.V.	(11) EP3164336	(00) Assignment
(11) EP2997364	(00) 13.04.2021	(71) Unilever IP Holdings B.V.
(00) 13.04.2021	(51) A45D 34/00	(73) Unilever IP Holdings B.V.
(51) G01N 21/84	B65D 43/02	(11) EP3344070
G01N 21/88	B65D 51/16	(00) 13.04.2021
G01N 33/483	(00) Assignment	(51) A23L 33/105
(00) Assignment	(71) Unilever IP Holdings B.V.	(00) Assignment
(71) Unilever IP Holdings B.V.	(73) Unilever IP Holdings B.V.	(71) Unilever IP Holdings B.V.
(73) Unilever IP Holdings B.V.	(11) EP3364771	(73) Unilever IP Holdings B.V.
(11) EP2877143	(00) 13.04.2021	(11) EP3558017
(00) 13.04.2021	(51) A23D 7/005	(00) 13.04.2021
(51) A61K 8/04	A23D 9/007	(51) A23D 7/005
A61K 8/34	(00) Assignment	A23L 29/262
A61K 8/41	(71) Unilever IP Holdings B.V.	A23L 33/22
A61Q 5/12	(73) Unilever IP Holdings B.V.	A23L 33/24
(00) Assignment	(11) EP3433179	(00) Assignment
(71) Unilever IP Holdings B.V.	(00) 13.04.2021	(71) Unilever IP Holdings B.V.
(73) Unilever IP Holdings B.V.	(51) B65D 41/04	(73) Unilever IP Holdings B.V.
(11) EP2997121	B65D 51/24	(11) EP3512603
(00) 13.04.2021	(00) Assignment	(00) 13.04.2021
(51) C11D 1/825	(71) Unilever IP Holdings B.V.	(51) A61K 8/04
C11D 3/33	(73) Unilever IP Holdings B.V.	A61Q 5/06
C11D 3/386	(11) EP3364767	B05B 1/34
C11D 3/39	(00) 13.04.2021	B05B 7/04
(00) Assignment	(51) A23D 7/005	B65D 83/14

B65D 83/62	(51) A23L 23/10	A23L 29/225
(00) Assignment	A23L 29/20	(00) Assignment
(71) Unilever IP Holdings B.V.	A23L 29/212	(71) Unilever IP Holdings B.V.
(73) Unilever IP Holdings B.V.	A23L 29/275	(73) Unilever IP Holdings B.V.
(11) EP3528900	(00) Assignment	(11) EP3324922
(00) 13.04.2021	(71) Unilever IP Holdings B.V.	(00) 13.04.2021
(51) A61K 8/04	(73) Unilever IP Holdings B.V.	(51) A61K 8/365
A61Q 5/06	(11) EP3386318	A61Q 5/04
B05B 1/34	(00) 13.04.2021	A61Q 5/06
B05B 7/04	(51) A23L 23/10	(00) Assignment
B65D 83/14	A23L 29/10	(71) Unilever IP Holdings B.V.
B65D 83/62	A23L 29/212	(73) Unilever IP Holdings B.V.
(00) Assignment	(00) Assignment	(11) EP3294258
(71) Unilever IP Holdings B.V.	(71) Unilever IP Holdings B.V.	(00) 13.04.2021
(73) Unilever IP Holdings B.V.	(73) Unilever IP Holdings B.V.	(51) A61K 8/02
(11) EP3448173	(11) EP2934163	A61K 8/31
(00) 13.04.2021	(00) 13.04.2021	A61K 8/92
(51) A23L 23/00	(51) A23F 3/14	A61Q 5/02
A23L 23/10	A23F 3/16	A61Q 19/10
(00) Assignment	A23F 3/30	(00) Assignment
(71) Unilever IP Holdings B.V.	A23L 2/52	(71) Unilever IP Holdings B.V.
(73) Unilever IP Holdings B.V.	A23L 2/60	(73) Unilever IP Holdings B.V.
(11) EP3529165	A23L 2/66	(11) EP2863760
(00) 13.04.2021	A23L 11/00	(00) 13.04.2021
(51) B65D 75/58	(00) Assignment	(51) A23D 7/005
(00) Assignment	(71) Unilever IP Holdings B.V.	A23D 7/01
(71) Unilever IP Holdings B.V.	(73) Unilever IP Holdings B.V.	A23L 27/60
(73) Unilever IP Holdings B.V.	(11) EP3579706	(00) Assignment
(11) EP2877147	(00) 13.04.2021	(71) Unilever IP Holdings B.V.
(00) 13.04.2021	(51) A23L 23/10	(73) Unilever IP Holdings B.V.
(51) A61K 8/04	A23L 29/262	(11) EP3558016
A61K 8/34	(00) Assignment	(00) 13.04.2021
A61K 8/41	(71) Unilever IP Holdings B.V.	(51) A23D 7/005
A61K 8/42	(73) Unilever IP Holdings B.V.	A23L 29/262
A61Q 5/12	(11) EP3525887	A23L 33/22
(00) Assignment	(00) 13.04.2021	A23L 33/24
(71) Unilever IP Holdings B.V.	(51) A61K 8/49	(00) Assignment
(73) Unilever IP Holdings B.V.	A61K 31/352	(71) Unilever IP Holdings B.V.
(11) EP3334817	A61P 43/00	(73) Unilever IP Holdings B.V.
(00) 13.04.2021	A61Q 5/00	(11) EP3554280
(51) B65D 65/46	(00) Assignment	(00) 13.04.2021
C11D 17/04	(71) Unilever IP Holdings B.V.	(51) A23L 23/10
(00) Assignment	(73) Unilever IP Holdings B.V.	A23L 29/00
(71) Unilever IP Holdings B.V.	(11) EP3494062	A23L 29/212
(73) Unilever IP Holdings B.V.	(00) 13.04.2021	(00) Assignment
(11) EP3364769	(51) B65D 5/02	(71) Unilever IP Holdings B.V.
(00) 13.04.2021	B65D 5/04	(73) Unilever IP Holdings B.V.
(51) A23D 7/005	B65D 5/42	(11) EP3558018
A23D 9/007	B65D 75/52	(00) 13.04.2021
(00) Assignment	B65D 77/06	(51) A23D 7/005
(71) Unilever IP Holdings B.V.	(00) Assignment	A23L 29/262
(73) Unilever IP Holdings B.V.	(71) Unilever IP Holdings B.V.	A23L 33/22
(11) EP3218062	(73) Unilever IP Holdings B.V.	A23L 33/24
(00) 13.04.2021	(11) EP3544445	(00) Assignment
(51) A61K 8/362	(00) 13.04.2021	(71) Unilever IP Holdings B.V.
A61K 8/365	(51) A23D 7/005	(73) Unilever IP Holdings B.V.
A61K 8/37	A23L 27/60	(11) EP3634139
A61K 8/44	(00) Assignment	(00) 13.04.2021
A61K 8/60	(71) Unilever IP Holdings B.V.	(51) A23D 7/005
A61K 8/67	(73) Unilever IP Holdings B.V.	A23D 7/01
A61Q 5/00	(11) EP3457861	A23D 9/007
A61Q 5/06	(00) 13.04.2021	A23D 9/013
(00) Assignment	(51) A23D 7/005	A23L 7/10
(71) Unilever IP Holdings B.V.	A23D 7/02	A23L 7/196
(73) Unilever IP Holdings B.V.	A23L 27/00	(00) Assignment
(11) EP3062635	A23L 27/60	(71) Unilever IP Holdings B.V.
(00) 13.04.2021	A23L 29/219	(73) Unilever IP Holdings B.V.

(11) EP3609340

(00) 13.04.2021

(51) A23D 7/005

A23D 9/007

A23L 7/161

A23L 7/191

(00) Assignment

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Contains data concerning Semiconductors.**