



Rijksdienst voor Ondernemend
Nederland

Nederland

De industriële eigendom

Inleiding

Hoofdblad

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

Bijblad

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

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Introduction

Patent Bulletin

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

Official Journal

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

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Rubriek NP2 Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	15 Heading NP2 Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	15
Rubriek NP3 Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995.	20 Heading NP3 Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995.	20
Rubriek EP1 Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen.	21 Heading EP1 Contains data concerning translations of the conclusions of European patent applications.	21
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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	330Heading SPC Contains data concerning applications for- or granted Supplementary Protection Certificates.	330
Rubriek VB1 Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.	332Heading VB1 Contains data concerning requests and notices of opposition under the General administrative law.	332
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Rubriek MED Bevat gegevens betreffende overige mededelingen.	334Heading MED Contains data concerning other communications.	334
Rubriek VRV Bevat gegevens betreffende verval of nietigverklaring.	337Heading VRV Contains data concerning lapse or annulment.	337
Rubriek VRB Bevat gegevens betreffende verbeteringen op eerdere publicaties.	380Heading VRB Contains data concerning corrections on earlier publications.	380
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Rubriek TVH Bevat gegevens betreffende topografieën van halfgeleiderproducten.	386Heading TVH Contains data concerning depots of original topographies of semi-conductor products.	386

Rubriek UP1 Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking.	387Heading UP1 Contains data concerning European patents with registered Unitary Effect.	387
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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.

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

INID CODES

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

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

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

Rubrieken/Headings

NP1

**Nederlandse octrooiaanvragen die zijn ingeschreven op grond van de Octrooiwet 1995.
Contains data concerning Netherlands patent applications which have been entered in the
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(51) A01G 9/14 A01B 79/02 E02D 3/00	Tongxian Liu (41) 28.07.2023	Jiamin Li Chong Chen Yuanyuan Jiang
(21) 2030799 (22) 01.02.2022 (54) PLANT CARBON FIXATION STRUCTURE FOR SOIL PILING SITE	(51) A01M 1/20 (21) 2035337 (22) 10.07.2023 (54) PEST CONTROL EQUIPMENT FOR PROTECTING PLANT GROWTH AND USE METHOD THEREOF	(31) 2023100189436 (32) 06.01.2023 (33) China
(71) Institute of Water Resources for Pastoral Area, MWR (74) dr. T. Wittop Koning PhD (72) Bo Cheng Hao Rong Abias Jian Wang Henglu Miao Nan Ge	(71) Xinyang Agriculture And Forestry University (74) ir. M.B. Plaggenborg (72) Shubao Geng Lei Chen Li Qiao Yinli Jin Quan Zhang Fangmei Zhang Weichen You Tianhai Zhang	(51) A23C 9/127 C12R 1/225 C12N 1/20 A23L 33/135 (21) 2035198 (22) 28.06.2023 (54) LACTOBACILLUS DELBRUECKII SUBSP. BULGARICUS AND APPLICATION THEREOF (71) CHONGQING TIANYOU DAIRY CO. LTD. (74) drs. C.M.A. Quintelier (72) Mingyu Gu
(31) 202210071953.1 (32) 21.01.2022 (33) China	(51) A01N 43/90 A01P 3/00 (21) 2035186 (22) 27.06.2023 (54) CHELERYTHRINE WETTABLE POWDER, PREPARATION METHOD AND APPLICATION THEREOF	(71) Institute of Plant Protection, Heilongjiang Academy of Agricultural Sciences (31) 2023100114266 (32) 05.01.2023 (33) China
(51) A01G 17/04 A01G 17/06 (21) 2033961 (22) 16.01.2023 (54) GRAPE VINE SUPPORTING DEVICE FACILITATING TRELLIS CLIMBING DOWN AND CLIMBING UP, AND CONSTRUCTION AND USAGE METHOD THEREFOR	(71) Northwest A & F University (74) ir. W.J.J.M. Kempes (72) Zhanli Jiao Yaqing Pan Zhiyong Li Weifeng Song Qinghui Wei Xihai Zhai Zhenghao Shi Baoying Li	(51) A23K 10/37 A23K 10/16 (21) 2030595 (22) 18.01.2022 (54) GREEN FEED BASED ON STRAWS AND FUNGI AND PREPARATION METHOD THEREOF (71) Tianjin University (74) ir. W.J.J.M. Kempes (72) Caiyu Wang
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(51) A01G 31/02 A01G 31/06 (21) 2030601 (22) 18.01.2022 (54) UNITIZED POTATO PRE-ELITE ATOMIZATION PLANTING TANK	(31) 202210741435.6 (32) 28.06.2022 (33) China	(41) 28.07.2023
(71) Jilin University (74) ir. M.B. Plaggenborg (72) Qiang Li Zhao Zhang Wei Lan	(51) A23C 9/12 A23J 3/10 A23L 33/19 (21) 2035199 (22) 28.06.2023 (54) CASEIN GEL, AND PREPARATION METHOD AND APPLICATION THEREFOR	(51) A23L 17/00 A23L 5/00 A23L 5/10 A23L 3/005 A23L 3/40 (21) 2030617 (22) 19.01.2022 (54) HIGH QUALITY READY-TO-EAT DRIED SKIPJACK TUNA FISH AND ITS MANUFACTURING METHOD (71) Guangzhou City Polytechnic
(41) 28.07.2023	(71) CHONGQING TIANYOU DAIRY CO. LTD. (74) drs. C.M.A. Quintelier (72) Feng Zhang Liming Luo Jing Wang Zuguo Chen Xiaofang Hu Zhen Zhang	
(51) A01K 67/033 (21) 2030605 (22) 18.01.2022 (54) BANKER PLANT SYSTEM AND CONSTRUCTION METHOD THEREOF		
(71) Qingdao Agricultural University (74) ir. M.B. Plaggenborg (72) Mingzhen Pan		

- (74) ir. W.J.J.M. Kempes
(72) Tiejun Xun
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(41) 01.08.2023
- (51) A23L 33/135
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A61P 1/00
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(22) 28.06.2023
(54) USE OF BIFIDOBACTERIUM LACTIS
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(71) CHONGQING TIANYOU DAIRY CO.
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Yuanzhi Jiang
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(31) 2022114740805
(32) 22.11.2022
(33) China
(51) A61B 34/35
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(21) 2033941
(22) 10.01.2023
(54) METHOD AND APPARATUS FOR
CONTROLLING MASTER AND SLAVE
MANIPULATORS OF MINIMALLY
INVASIVE SURGERY ROBOTS FOR
DIGESTIVE ENDOSCOPY
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(31) 202210055139.0
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(51) A61K 36/8988
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(54) TRADITIONAL CHINESE MEDICINE
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(71) Erlei Xiang
(74) dr. T. Wittop Koning PhD
(72) Erlei Xiang
- (31) 202210060665.6
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(51) A61M 39/22
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(21) 2030571
(22) 17.01.2022
(54) Administration system
(71) QUIREM Medical B.V.
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(72) Gradus van Wolfswinkel
(41) 27.07.2023
(51) A61N 5/04
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(21) 2030607
(22) 18.01.2022
(54) GLOBAL IRRADIATION
THERMOTHERAPY SYSTEM BASED
ON COORDINATED ROTATION
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(71) Shengjie Shang
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(72) Shengjie Shang
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(41) 28.07.2023
(51) A61P 21/00
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(21) 2035117
(22) 16.06.2023
(54) Use of rice protein for treating and/
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(71) Vedan International (Holdings) Limited
(74) dr. R.C. van Duijvenbode c.s.
(72) Chen Wen Yang
Chin Lin Hsu
Kun Hsiang Yang
Shih An Yang
(51) B01D 3/14
(21) 2030646
(22) 21.01.2022
(54) FOAM TYPE RECTIFYING TOWER
AND USING METHOD THEREOF
(71) Anhui Polytechnic University
(74) ir. M.B. Plaggenborg
(72) Wanqing Zhang
Ying Liang
Cuige Zhang
Maodong Xu
Jiangsheng Huang
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(51) B01D 9/00
(21) 2030620
- (22) 19.01.2022
(54) Cooling/freezing in a continuous
fractional crystallizer
(71) Technische Universiteit Delft
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(72) Dimitris Xevgenos
Marinus Cornelis Maria van Loosdrecht
Rodoula Ktori
Marco Rodriguez Pascual
(41) 01.08.2023
(51) B01D 19/00
(21) 2030599
(22) 18.01.2022
(54) INCLINED PIPE TYPE UNDERWATER
PRE-DEHYDRATION AND
DEGASIFICATION SEPARATION
DEVICE
(71) QINGDAO UNIVERSITY OF
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(72) Xiaoli Yin
Xinfu Liu
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Jianjun Wu
Chao Shang
Chunhua Liu
(41) 28.07.2023
(51) B01D 50/60
(21) 2030591
(22) 18.01.2022
(54) DOWN SUCKING DEVICE FOR DOWN
QUILT PRODUCTION
(71) The Sea Feather Limited Company of
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Wei Guo
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Juncheng Jin
Yu Qin
(51) B01J 20/02
B01J 20/28
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B01J 20/22
B01J 20/30
C02F 1/70
(21) 2030639
(22) 21.01.2022
(54) BIOCHAR-LOADED NANOSCALE
ZERO-VALENT IRON COMPOSITE
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APPLICATION THEREOF
(71) Chengdu University of Technology
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(72) Shuting Liu
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Jing Zhu (41) 01.08.2023	(31) 102022101453.3 (32) 21.01.2022	(54) Geleidingsinrichting voor het op hoogte geleiden van een laadkabel
(51) B01J 23/00	(33) Germany	(71) Willem Christiaan Keijl
(21) 2035265	(51) B28B 11/24	(74) ir. J.C. Volmer c.s.
(22) 05.07.2023	(21) 2030594	(72) Willem Christiaan Keijl
(54) POROUS METAL OXIDE CATALYST AND PREPARATION METHOD THEREFOR, AND APPLICATION OF POROUS METAL OXIDE CATALYST IN PLASMA CATALYTIC SYSTEM	(22) 18.01.2022 (54) SOLID WASTE LARGE-MIXING-AMOUNT CONCRETE PREFABRICATED LAMINATED SLAB AND PREPARATION METHOD THEREOF	(51) B60L 53/31 B60L 53/37
(71) Dalian Maritime University	(71) CHINA NORTHEAST ARCHITECTURAL DESIGN AND RESEARCH INSTITUTE CO.,LTD	(21) 2030621
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Zhiyuan Huang	(72) Xiaowei Gu	(41) 01.08.2023
(31) 202211358033.4	Xinlong Zhang	(51) B66D 3/00
(32) 01.11.2022	Weifeng Zhang	(21) 2035140
(33) China	Baokuan Ning	(22) 21.06.2023
(51) B01J 23/04	Peng Liu	(54) CHAIN HOIST WITH 360 DEGREE ROTATION CHAIN GUIDE
B01J 31/02	Hao Wang	(71) JT (jiangsu) TECHNOLOGY CO.,LTD
C08J 11/10	Xiaohui Li	(74) ir. M.B. Plaggenborg
B01J 23/00	Qingdong Liu	(72) Jingdong Zhang
B01J 35/00	Zhangmiao Li	(31) 202320762311.6
C07B 41/02	Yuxin Gao	(32) 10.04.2023
C08J 11/16	Jianping Liu	(33) China
C08J 11/24	(41) 27.07.2023	(51) B66D 3/12
(21) 2030566	(51) B29C 64/106	(21) 2035143
(22) 17.01.2022	B29C 64/393	(22) 21.06.2023
(54) METHOD FOR DEPOLYMERIZING A POLYMER INTO REUSABLE RAW MATERIAL	B29C 64/40	(54) PORTABLE FOUR-DRIVE LITHIUM DRILL POWER AND HAND CRANK CHAIN HOIST
(71) Ioniqa Technologies B.V.	B33Y 10/00	(71) JT (jiangsu) TECHNOLOGY CO.,LTD
(74) dr. ir. G.J.C. Verdijck c.s.	B33Y 40/20	(74) ir. M.B. Plaggenborg
(72) Joost Robert Wolters	B33Y 50/02	(72) Jing dong Zhang
Egor Vasilyevich Fufachev	(21) 2034928	(31) 202211310260.X
(41) 27.07.2023	(22) 26.05.2023	(32) 25.10.2022
(51) B01J 23/889	(54) METHOD FOR MANUFACTURING A HELMET BY USING A MULTI-DEGREE-OF-FREEDOM ADDITIVE PRINTING	(33) China
B01J 20/16	(71) SHANDONG ZHONGKANG GUOCHUANG RESEARCH INSTITUTE OF ADVANCED DYEING & FINISHING TECHNOLOGY CO., LTD	(51) B66F 7/20
B01J 20/30	NANJING UNIVERSITY OF AERONAUTICS AND ASTRONAUTICS	(21) 2033971
B01D 53/64	(74) drs. C.M.A. Quintelier	(22) 17.01.2023
B01D 53/86	(72) Rong Li	(54) HEFINRICHTING VOOR HET HEFFEN EN NEERLATEN VAN VOERTUIGEN EN EEN HEFBRUG MET DERGELIJK HEFINRTCHTTNGEN
(21) 2030628	Congze Fan	(71) Gerhard Finkbeiner
(22) 20.01.2022	Jinghua Zheng	(74) ir. F.A. Geurts c.s.
(54) MnO ₂ /FLY ASH-ATTAPULGITE CATALYST/ADSORBENT AND METHOD FOR REMOVING ELEMENTAL MERCURY IN FLUE GAS	Lei Zhang	(72) Dieter Benz
(71) Anqing Normal University	Zhongde Shan	(31) 10 2022 101 295.6
(74) ir. W.J.J.M. Kempes	Xinlei Zhang	(32) 20.01.2022
(72) Wei Qin	Wenzhe Song	(33) Germany
Guoliang Bai	Qiankun Sha	(51) C01G 17/00
Xianlong Zhang	Yaxing Song	(21) 2035347
Wenzuan Chen	(31) 202210684578.8	(22) 11.07.2023
Junwei Wang	(32) 17.06.2022	(54) SYSTEM AND METHOD FOR PREPARING GERMANIUM METAL
Caihong Jiang	(33) China	(71) Yunnan Chihong International Ge Co., Ltd.
(51) B24C 1/04	(51) B60L 53/30	(74) drs. C.M.A. Quintelier
E01F 9/50	(21) 2030637	(72) Guangping Zi
(21) 2033987	(22) 21.01.2022	Xingjun He
(22) 19.01.2023		Yanmei Miao
(54) Blasting template for a device for the removal of coating applied to paved surfaces		Junxiao Chen
(71) VOLKMANN STRASSEN- UND VERKEHRSTECHNIK GMBH		Hongjia Ji
(74) dr. R.C. van Duijvenbode c.s.		Dingfang Cui
(72) Jan Cernota		Huazhi Lei
		(31) 2023103237234

(32) 29.03.2023	Su Ju	REDUCING SERUM CHOLESTEROL
(33) China	(41) 01.08.2023	LEVELS
(51) C03C 3/21	(51) C09K 8/03	(71) Chongqing Tianyou Dairy Co. Ltd.
C03C 3/19	C09K 8/14	(74) drs. C.M.A. Quintelier
C03C 3/097	C08F 8/36	(72) Feng Zhang
C03C 3/155	C08F 212/08	Yadan Deng
(21) 2030887	C09K	Tao Deng
(22) 10.02.2022	(21) 2030597	Zhen Zhang
(54) Phosphate and borate glasses with high elastic moduli	(22) 18.01.2022	Xin Xiong
(71) Corning Incorporated	(54) DRILLING FLUID NANO-BLOCKING AGENT, PREPARATION METHOD THEREOF, AND WATER-BASED DRILLING FLUID CONTAINING SAME	Jing Wang
(74) dr. ir. G.J.C. Verdijck c.s.	(71) Zhongman Petroleum and Natural Gas Group Corp., Ltd.	Xiaofang Hu
(72) Bruce Gardiner Aitken Alexander I Priven	(74) ir. W.J.J.M. Kempes	Xu Zhu
(31) 63/300,724	(72) Xinzhou Lu	Tian Tang
(32) 19.01.2022	(41) 28.07.2023	Miao He
(33) United States of America	(51) C09K 8/68	(31) 2022114689230
(51) C03C 25/106	C09K 8/70	(32) 22.11.2022
C03C 25/104	C09K 8/88	(33) China
C03C 25/24	C09K 8/90	(51) C12N 15/52
(21) 2033985	(21) 2030592	C12N 15/70
(22) 19.01.2023	(22) 18.01.2022	A61K 38/46
(54) RESIN COMPOSITION, OPTICAL FIBER, METHOD FOR PRODUCING OPTICAL FIBER, OPTICAL FIBER RIBBON, AND OPTICAL FIBER CABLE	(54) DOUBLE-EMBEDDED BIOENZYME SUSTAINED-RELEASE GEL BREAKER AND PREPARATION METHOD THEREOF	C12N 9/16
(71) Sumitomo Electric Industries Ltd.	(71) Qilu University of Technology	(21) 2030651
(74) ir. J.C. Volmer c.s.	(74) ir. W.J.J.M. Kempes	(22) 21.01.2022
(72) Yuya Homma	(72) Haibo Yuan	(54) PHOSPHATIDYLINOSITOL-SPECIFIC PHOSPHOLIPASE C GENE, VECTOR, ENGINEERED BACTERIA AND USE THEREOF
(31) JP2022-006855	Piwu Li	(71) Zhejiang Academy of Agricultural Sciences
(32) 20.01.2022	Jing Xiao	(74) ir. M.B. Plaggenborg
(33) Japan	Zhiwei Zhang	(72) Dibo Fei
(51) C07C 315/00	Yuling Meng	Xianze Tang
C07C 317/46	(41) 27.07.2023	Wei Liu
C07D 301/12	(51) C12C 7/26	Fei Xu
C07D 303/48	C12C 7/20	Xiong'e Pi
(21) 2030589	C12C 7/053	(41) 01.08.2023
(22) 18.01.2022	C12C 5/04	(51) C12Q 1/04
(54) PREPARATION METHOD OF BICALUTAMIDE	C12C 12/00	(21) 2030588
(71) Huaihua Baohua Biotechnology Co., Ltd.	C12C 7/04	(22) 18.01.2022
(74) ir. W.J.J.M. Kempes	(21) 2033962	(54) PRETREATMENT METHOD FOR FUNGAL POSITIVE BLOOD CULTURE BY USING SEPARATING GEL AND CHEMICAL REAGENT
(72) Baoqing Tang	(22) 16.01.2023	(71) Peking Union Medical College Hospital
Zhiming Fu	(54) ANTHOCYANIN-RICH GRAPE ALE BEER AND BREWING METHOD THEREOF	(74) ir. W.J.J.M. Kempes
Hongsheng Liu	(71) Northwest A & F University	(72) Menglan Zhou
Zhixiong Fu	(74) ir. W.J.J.M. Kempes	Qiwen Yang
Bangli Zhang	(72) Cuiyan Zeng	Yingchun Xu
Guoping Xu	Kekun Zhang	(41) 28.07.2023
(41) 28.07.2023	Yuting Fan	(51) C12R 1/225
(51) C09D 7/61	Zhihao Li	A23C 9/127
C09D 7/65	Yulin Fang	C12N 1/20
C09D 163/00	Keqin Chen	(21) 2035208
(21) 2030644	(31) 202210068696.6	(22) 28.06.2023
(22) 21.01.2022	(32) 20.01.2022	(54) LACTOBACILLUS CASEI TY-F14 AND APPLICATION THEREOF
(54) MECHANICALLY DURABLE SUPERHYDROPHOBIC NANO-COATING AND PREPARATION METHOD THEREOF	(33) China	(71) Chongqing Tianyou Dairy Co. Ltd.
(71) National University of Defense Technology	(51) C12N 1/20	(74) drs. C.M.A. Quintelier
(74) ir. M.B. Plaggenborg	C12R 1/225	(72) Yadan Deng
(72) Jinshui Yang	A61P 1/00	Xiaofang Hu
Changping Yin	A61P 3/06	Ying Han
Chaoyi Peng	A61P 43/00	Yuying Wang
Suli Xing	A61K 35/747	Feng Zhang
Binrui Wu	(21) 2035207	Zhen Zhang
Nan Wu	(22) 28.06.2023	Yang Hong
Dazhi Jiang	(54) APPLICATION OF LACTOBACILLUS PARACASEI IN PREPARATION FOR	Xu Zhu
		Xin Xiong
		Jing Wang

(31) 2023101856672	(71) Chongqing Tianyou Dairy Co. Ltd.	(74) ir. B.J. 't Jong
(32) 01.03.2023	(74) drs. C.M.A. Quintelier	(72) Janjaap Ruijsenaars
(33) China	(72) Wanzhu Li	(41) 01.08.2023
(51) C12R 1/225	Zhen Zhang	(51) F03D 13/25
A23L 33/135	Lijuan Zhao	E02D 27/42
C12N 1/20	Yadan Deng	E02D 27/52
A61P 1/00	Xi Shu	E02D 27/16
A61K 35/747	Jing Wang	(21) 2034000
A61P 31/00	Feng Zhang	(22) 20.01.2023
A23C 9/127	Yuanzhi Jiang	(54) Foundations for offshore wind turbines
(21) 2035217	Mingyu Gu	(71) SUBSEA 7 LIMITED
(22) 29.06.2023	Zuguo Chen	(74) ir. H.Th. van den Heuvel c.s.
(54) LACTOBACILLUS FERMENTUM TY—	(31) 2023100113545	(72) Alan John Macleay
F13 AND APPLICATION THEREOF	(32) 05.01.2023	(31) 2200812.2
(71) Chongqing Tianyou Dairy Co. Ltd.	(33) China	(32) 21.01.2022
(74) drs. C.M.A. Quintelier	(51) C14B 1/26	(33) United Kingdom
(72) Jing Wang	C14B 1/28	(51) F24S 60/00
Xi Shu	(21) 2030631	(21) 2031197
Yang Hong	(22) 20.01.2022	(22) 09.03.2022
Xu Zhu	(54) Inrichting voor het verwerken van huden	(54) HOT DRY ROCK POWER
Jiamin Li	(71) Rust B.V.	GENERATION AND HEAT SUPPLY
Feng Zhang	(74) drs. A.A. Jilderda	SYSTEM BASED ON SOLAR PHOTO-
Zhen Zhang	(72) Franciscus Albertus Elizabeth Janssen	THERMAL ENERGY STORAGE
Yuan Li	Wilfridus Gummarus Ermers	(71) First Institute of Oceanography, Ministry
Lin Peng	Karel van der Leegte	of Natural Resources
Qingqing Du	(41) 01.08.2023	Qingdao Ocean Engineering Survey and
(31) 202310185665.3	(51) E02D 7/00	Design Research Institute Co., Ltd.
(32) 01.03.2023	E01C 13/12	Yishui Guangheng New Energy
(33) China	(21) 2033747	Technology Co., Ltd.
(51) C12R 1/225	(22) 16.12.2022	(74) ir. W.J.J.M. Kempes
C12N 1/20	(54) Method for forming a support system of a	(72) Lei Liu
A61P 3/06	ski track	Jingping Peng
A61K 35/747	(71) China Architecture Design & Research	Fengyun Chen
(21) 2035196	Group Co., Ltd.	Weimin Liu
(22) 28.06.2023	(74) ir. H.Th. van den Heuvel c.s.	Yunzheng Ge
(54) LACTOBACILLUS FERMENTUM AND	(72) Wenting Liu	(31) 202210066652.X
APPLICATIONS OF LACTOBACILLUS	Xiaomeng Zhang	(32) 20.01.2022
FERMENTUM IN PREPARATION FOR	Yuting Zhang	(33) China
ALLEVIATING ALCOHOLIC-INDUCED	Xinggong Li	(51) F25B 15/04
GASTRIC INJURY	Ziqi Liu	F03G 7/05
(71) Chongqing Tianyou Dairy Co. Ltd.	Jianbing Qiu	(21) 2031162
(74) drs. C.M.A. Quintelier	Qingying Ren	(22) 04.03.2022
(72) Xiaofang Hu	(31) 202210073379.3	(54) THERMODYNAMIC CIRCULATION
Manni Yin	(32) 21.01.2022	SYSTEM UTILIZING OCEAN
Xi Shu	(33) China	TEMPERATURE-DIFFERENCE
Jing Wang	(51) E21B 43/36	ENERGY
Lin Peng	C10G 53/02	(71) First Institute of Oceanography, Ministry
Zhen Zhang	(21) 2030600	of Natural Resources
Xu Zhu	(22) 18.01.2022	Qingdao Ocean Engineering Survey and
Qiang Wang	(54) INCLINED T-TYPE PIPE MULTI-LEVEL	Design Research Institute Co., Ltd.
Tian Tang	HIGH-VOLTAGE ELECTRIC FIELD	(74) ir. W.J.J.M. Kempes
Feng Zhang	SEABED SEPARATION METHOD	(72) Lei Liu
Ying Han	(71) Qingdao University of Technology	Jingping Peng
(31) 202310011362X	(74) ir. M.B. Plaggenborg	Yunzheng Ge
(32) 05.01.2023	(72) Yong Yang	Fengyun Chen
(33) China	Qianqian Wu	Weimin Liu
(51) C12R 1/225	Xinfu Liu	(31) 202210066727.4
C12N 1/20	Chunhua Liu	(32) 20.01.2022
A61P 25/32	Shousen Zhang	(33) China
A61K 35/747	Chao Shang	(51) G01N 3/02
A61P 43/00	(41) 28.07.2023	G01N 3/00
(21) 2035211	(51) F03D 5/06	(21) 2030650
(22) 28.06.2023	(21) 2030619	(22) 21.01.2022
(54) LACTOBACILLUS PARACASEI AND	(22) 19.01.2022	(54) COMBINED MULTIFUNCTIONAL
APPLICATIONS OF LACTOBACILLUS	(54) Inrichting voor het genereren van energie	SERVO CONTROL LOADING SIMILAR
PARACASEI IN PREPARATION FOR	en werkwijze voor het gebruik van de	SIMULATION EXPERIMENT TABLE
ALLEVIATING ALCOHOL-INDUCED	inrichting	AND TEST METHOD
VISCERAL INJURY	(71) Janjaap Ruijsenaars	(71) Henan Polytechnic University

(74) ir. M.B. Plaggenborg	(22) 18.01.2022	G06N 3/04
(72) Shuren Wang	(54) EMERGENCY ESCAPE PREWARNING INDICATION SYSTEM OF PASSENGER SHIP	(21) 2031098
Xiliang Liu	(71) Wuhan University of Technology	(22) 28.02.2022
Zhengsheng Zou	(74) ir. W.J.J.M. Kempes	(54) COMPUTER-IMPLEMENTED METHOD OF SELF-SUPERVISED LEARNING IN NEURAL NETWORK FOR ROBUST AND UNIFIED ESTIMATION OF MONOCULAR CAMERA EGO-MOTION AND INTRINSICS
Yubo Chen	(72) Liutao Ma	(71) NavInfo Europe B.V.
Jiyun Zhang	Ang Su	(74) mr. ir. J. van Breda c.s.
Jian Gong	Zhao Liu	(72) Hemang Chawla
Huaiguang Xiao	Yujie Jiang	Bahram Zonooz
(51) G01N 21/71	Yufei Peng	Arnav Varma
(21) 2030645	Sen Liu	Elaha Arani
(22) 21.01.2022	Quandang Ma	(41) 01.08.2023
(54) METHOD FOR CONTINUOUSLY DETECTING MOLTEN STEEL COMPOSITIONS IN LF FURNACE BY USING LASER	Nengchao Lv	(31) 17/579,367
(71) WUST Automation System Company, Ltd.	Qinlin Zhang	(32) 19.01.2022
(74) ir. M.B. Plaggenborg	Hengtao Tan	(33) United States of America
(72) Yingtao Zhu	Chengpeng Wan	(51) G16H 50/30
Zhigang Hu	Dingze Zhang	G01N 33/18
(51) G01N 25/22	Jinfen Zhang	(21) 2034997
G01N 31/12	(41) 27.07.2023	(22) 05.06.2023
(21) 2030596	(51) G06F 3/12	(54) HEALTH RISK ASSESSMENT METHOD OF HEAVY METALS IN WATER SOURCE LOCATION BASED ON PMF AND MACHINE LEARNING
(22) 18.01.2022	G07G 5/00	(71) SUZHOU UNIVERSITY
(54) PLC MONITORING-BASED COAL SPONTANEOUS COMBUSTION TEMPERATURE RISE RESEARCH DEVICE AND METHOD	(21) 2030647	(74) ir. M.B. Plaggenborg
(71) Taiyuan University of Technology	(22) 21.01.2022	(72) Manli Lin
(74) ir. W.J.J.M. Kempes	(54) SELF-SERVICE RECEIPT PRINTING DEVICE	Song Chen
(72) Yifan Jia	(71) ZHEJIANG JIANLIN ELECTRONIC Co.,LTD	Herong Gui
Shuguang Jiang	(74) ir. M.B. Plaggenborg	Hao Yu
Maolin Jia	(72) Jianjun Zhou	Weihua Peng
Zhiqiang Song	Ying Jin	Yaqi Jiang
Jianping Lei	Yaqun Wang	(31) 202310448807.0
Yijun Jia	(41) 01.08.2023	(32) 24.04.2023
Cunbao Deng	(51) G06F 16/36	(33) China
Chuanbo Cui	G06F 16/953	(51) H01M 4/485
(41) 27.07.2023	(21) 2030655	H01M 4/505
(51) G01N 33/48	(22) 21.01.2022	H01M 10/054
G01N 33/82	(54) METHOD FOR BUILDING MULTI-MODAL BILINGUAL PARALLEL CORPUS OF ARCHITECTURAL ENGINEERING	H01M 4/36
A61P 7/04	(71) Shandong Jianzhu University	H01M 4/525
A61K 31/122	(74) ir. M.B. Plaggenborg	(21) 2030648
(21) 2030584	(72) Mei Ding	(22) 21.01.2022
(22) 17.01.2022	Congying Zhang	(54) METHOD FOR PREPARING LAYERED HIGH-ENTROPY OXIDE CATHODE MATERIAL FOR SODIUM-ION BATTERY AND USE THEREOF
(54) Use of vitamin K in preventing or counteracting vaccine-related adverse events, symptoms, morbidity and/ or mortality after vaccination against COVID-19 or another coronavirus	Mingming Fu	(71) Northeastern University at Qinhuangdao
(71) Emphysema Solutions BV	Hai Feng Wang	(74) ir. M.B. Plaggenborg
(74) dr. A.V. Huygens	Jiyun Gao	(72) Runguo Zheng
(72) Rob Janssen	Jinling Gao	Hongyu Sun
(41) 27.07.2023	(51) G06N 3/00	Zhiyuan Wang
(51) G01R 31/50	(21) 2030615	Kanghui Tian
B60L 53/20	(22) 19.01.2022	Yanguo Liu
B60L 53/14	(54) ARTIFICIAL BEE COLONY ALGORITHM-BASED SPACE DETECTION MODEL FOR URBAN LAND ECOLOGICAL SECURITY	(51) H01M 10/0525
(21) 2030569	(71) Henan University	H01M 4/48
(22) 17.01.2022	(74) ir. W.J.J.M. Kempes	(21) 2030649
(54) Electric vehicle, onboard charger, method and computer program	(72) Xiwang Zhang	(22) 21.01.2022
(71) Atlas Technologies Holding B.V.	Zhigang Han	(54) PREPARATION OF MODIFIED AMMONIUM OXOFUOROTITANATE FOR LITHIUM-ION BATTERY AND USE THEREOF
(74) ir. J.C. Volmer c.s.	Fen Qin	(71) Northeastern University at Qinhuangdao
(72) Jeroen Richard Gertruda Maar	Haiying Wang	(74) ir. M.B. Plaggenborg
(41) 27.07.2023	Jiayao Wang	(72) Runguo Zheng
(51) G05B 19/042	(41) 01.08.2023	Hongyu Sun
(21) 2030590	(51) G06N 3/08	
	G06T 7/20	
	G06T 7/50	
	G06T 7/80	

Zhiyuan Wang	(74) ir. W.J.J.M. Kempes
Nan Jiang	(72) Haijun Ren
Yanguo Liu	(41) 01.08.2023
(41) 01.08.2023	(51) H04N 9/64
(51) H01R 13/40	G06T 5/00
(21) 2030613	(21) 2030616
(22) 19.01.2022	(22) 19.01.2022
(54) LIQUID-COOLING DEVICE FOR POWER SUPPLY CORE WIRES	(54) COLOR VIDEO RESTORATION METHOD AND SYSTEM BASED ON HIGHER-ORDER TENSOR SINGULAR VALUE DECOMPOSITION
(71) Zhangjiagang Uchen New Energy Technology Co., Ltd.	(71) Southwest University
(74) ir. W.J.J.M. Kempes	(74) ir. W.J.J.M. Kempes
(72) Jiandong Wang	(72) Zhihao Wang
Zhiping Zou	Weijun Ma
Gaojun Song	Wenjin Qin
(51) H01R 13/44	Jianjun Wang
(21) 2030611	Yanying Shang
(22) 19.01.2022	(41) 01.08.2023
(54) SOCKET AND PROTECTION DEVICE THEREOF	(51) H05B 45/46
(71) Zhangjiagang Uchen New Energy Technology Co., Ltd.	H05B 45/395
(74) ir. M.B. Plaggenborg	(21) 2030587
(72) Gaojun Song	(22) 18.01.2022
Jiandong Wang	(54) Operating mosfet in linear mode for multi- group LEDs
(41) 01.08.2023	(71) eldoLAB Holding B.V.
(51) H02H 7/122	(74) ir. J.C. Volmer c.s.
H02H 1/00	(72) Franciscus Bernardus Marie van Horck Machiel Slot
(21) 2030568	
(22) 17.01.2022	
(54) Electrical device, computing device, vehicle, method and computer program	
(71) Atlas Technologies Holding B.V.	
(74) ir. J.C. Volmer c.s.	
(72) Jeroen Richard Gertruda Maar	
(41) 27.07.2023	
(51) H02J 7/35	
B65F 1/14	
H02J 7/00	
(21) 2030570	
(22) 17.01.2022	
(54) Refuse collection system and control unit therefor	
(71) Mr. Fill Holding B.V.	
(74) ir. J.C. Volmer c.s.	
(72) Jacob Joost Luinstra	
(51) H02K 3/26	
G01D 5/20	
H02K 24/00	
A61G 5/04	
H02K 7/102	
(21) 2030598	
(22) 18.01.2022	
(54) Wheel assembly for a wheelchair	
(71) Life & Mobility Development B.V.	
(74) ir. H.A. Witmans c.s.	
(72) Gerrit Wolters	
(41) 28.07.2023	
(51) H04L 41/04	
H04L 41/147	
H04M 1/72406	
(21) 2030618	
(22) 19.01.2022	
(54) EFFICIENT NETWORK DEVICE MANAGEMENT SYSTEM	
(71) Anhui YoChant Network & Technology Co., Ltd	

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

(51) A01G 31/02	A61K 9/00	(72) Shengjie Shang
A01G 31/06	A61K 36/00	Zhiying Shang
(11) 2030601	(11) 2030452	Chengde Shang
(47) 28.07.2023	(47) 28.07.2023	(74) ir. M.B. Plaggenborg
(22) 18.01.2022	(22) 06.01.2022	<hr/>
(54) UNITIZED POTATO PRE-ELITE ATOMIZATION PLANTING TANK	(54) EYE DROP FOR TREATING PRESBYOPIA AND PREPARATION METHOD THEREOF	(51) B01D 3/14
(73) Jilin University	(73) Jinlong Yang	(11) 2030646
(72) Qiang Li	(72) Jingxu Yang	(47) 01.08.2023
Zhao Zhang	Jinlong Yang	(22) 21.01.2022
Wei Lan	(74) ir. M.B. Plaggenborg	(54) FOAM TYPE RECTIFYING TOWER AND USING METHOD THEREOF
(74) ir. M.B. Plaggenborg	<hr/>	(73) Anhui Polytechnic University
(51) A01K 67/033	(51) A61K 36/8988	(72) Wanqing Zhang
(11) 2030605	A61P 9/00	Ying Liang
(47) 28.07.2023	A61K 36/734	Cuige Zhang
(22) 18.01.2022	A61K 36/537	Maodong Xu
(54) BANKER PLANT SYSTEM AND CONSTRUCTION METHOD THEREOF	A61K 36/00	Jiangsheng Huang
(73) Qingdao Agricultural University	A61K 36/488	(74) ir. M.B. Plaggenborg
(72) Mingzhen Pan	A61K 36/286	<hr/>
Tongxian Liu	A61K 36/71	(51) B01D 9/00
(74) ir. M.B. Plaggenborg	(11) 2033577	(11) 2030620
<hr/>	(47) 01.08.2023	(47) 01.08.2023
(51) A23K 10/37	(22) 21.11.2022	(22) 19.01.2022
A23K 10/16	(54) TRADITIONAL CHINESE MEDICINE COMPOSITION FOR HEART AND CEREBRAL VESSELS AND PREPARATION METHOD THEREFOR	(54) Cooling/freezing in a continuous fractional crystallizer
(11) 2030595	(73) Erlei Xiang	(73) Technische Universiteit Delft
(47) 28.07.2023	(72) Erlei Xiang	(72) Dimitris Xevgenos
(22) 18.01.2022	(74) dr. T. Wittop Koning PhD	Marinus Cornelis Maria van Loosdrecht
(54) GREEN FEED BASED ON STRAWS AND FUNGI AND PREPARATION METHOD THEREOF	(31) 202210060665.6	Rodoula Ktori
(73) Tianjin University	(32) 19.01.2022	Marco Rodriguez Pascual
(72) Caiyu Wang	(33) China	(74) drs. P.A. van Essen c.s.
Fawei Lin	<hr/>	<hr/>
Guanyi Chen	(51) A61M 39/22	(51) B01D 15/40
Beibei Yan	A61M 5/315	B01D 53/00
Zhenya Zhang	A61M 5/142	B01D 15/16
Ning Li	A61M 5/168	B01D 5/00
Yingjin Song	A61M 39/00	(11) 2033813
(74) ir. W.J.J.M. Kempes	A61M 5/14	(47) 28.07.2023
<hr/>	A61M 5/00	(22) 23.12.2022
(51) A23L 17/00	(11) 2030571	(54) HIGH-EFFICIENCY SUPERCRITICAL EQUIPMENT
A23L 5/00	(47) 27.07.2023	(73) Jiangsu Hanbon Science & Technology Co.,Ltd
A23L 5/10	(22) 17.01.2022	(72) Qingsong Li
A23L 3/005	(54) Administration system	Genshui Liu
A23L 3/40	(73) QUIREM Medical B.V.	Jie Liu
(11) 2030617	(72) Gradus van Wolfswinkel	(74) drs. C.M.A. Quintelier
(47) 01.08.2023	(74) ir. H.A. Witmans c.s.	(31) 202111654509.4
(22) 19.01.2022	<hr/>	(32) 30.12.2021
(54) HIGH QUALITY READY-TO-EAT DRIED SKIPJACK TUNA FISH AND ITS MANUFACTURING METHOD	(51) A61N 5/04	(33) China
(73) Guangzhou City Polytechnic	G01R 33/48	<hr/>
(72) Tiejun Xun	A61N 5/02	(51) B01D 19/00
Lihua Huang	(11) 2030607	(11) 2030599
(74) ir. W.J.J.M. Kempes	(47) 28.07.2023	(47) 28.07.2023
<hr/>	(22) 18.01.2022	(22) 18.01.2022
(51) A61K 31/728	(54) GLOBAL IRRADIATION THERMOTHERAPY SYSTEM BASED ON COORDINATED ROTATION OF MICROWAVE AND RADIO FREQUENCY, AND GLOBAL THERMOTHERAPY INSTRUMENT	(54) INCLINED PIPE TYPE UNDERWATER PRE-DEHYDRATION AND DEGASIFICATION SEPARATION DEVICE
A61K 31/045	(73) Shengjie Shang	(73) QINGDAO UNIVERSITY OF TECHNOLOGY
A61P 27/10		(72) Xiaoli Yin
A61K 31/047		Xinfu Liu
A61K 31/78		Xiaopeng Zheng

Jianjun Wu	B01J 20/30	(54) Geleidingsinrichting voor het op hoogte geleiden van een laadkabel
Chao Shang	B01D 53/64	(73) Willem Christiaan Keijl
Chunhua Liu	B01D 53/86	(72) Willem Christiaan Keijl
(74) ir. M.B. Plaggenborg	(11) 2030628	(74) ir. J.C. Volmer c.s.
(51) B01D 50/60	(47) 01.08.2023	(51) B60L 53/31
(11) 2030591	(22) 20.01.2022	B60L 53/37
(47) 27.07.2023	(54) MnO ₂ /FLY ASH-ATTAPULGITE CATALYST/ADSORBENT AND METHOD FOR REMOVING ELEMENTAL MERCURY IN FLUE GAS	(11) 2030621
(22) 18.01.2022	(73) Anqing Normal University	(47) 01.08.2023
(54) DOWN SUCKING DEVICE FOR DOWN QUILT PRODUCTION	(72) Wei Qin	(22) 19.01.2022
(73) The Sea Feather Limited Company of Lu'an	Guoliang Bai	(54) Laadsysteem voor elektrisch aangedreven voertuigen
The Sea Feather Down Products Limited Company of Lu'an	Xianlong Zhang	(73) Kenneth Barton Gould
West Anhui University	Wenzuan Chen	(72) Kenneth Barton Gould
Lu'an Fengyu Environmental Protection Technology Co., Ltd.	Junwei Wang	(74) dr. T. Wittop Koning PhD
(72) Xucheng Fu	Caihong Jiang	(51) C03C 3/21
Lingang Li	(74) ir. W.J.J.M. Kempes	C03C 3/19
Ming Cheng	(51) B09C 1/10	C03C 3/097
Xuemei Li	(11) 2030576	C03C 3/155
Jiaqin Hou	(47) 28.07.2023	(11) 2030887
Wei Guo	(22) 17.01.2022	(47) 01.08.2023
Xueyong Yu	(54) BIOCHAR FOR REMEDYING MERCURY, LEAD AND COPPER POLLUTED SOIL AND PREPARATION METHOD AND SYSTEM THEREOF	(22) 10.02.2022
Juncheng Jin	(73) Nanjing Agricultural University	(54) Phosphate and borate glasses with high elastic moduli
Yu Qin	(72) Hemei Yang	(73) Corning Incorporated
(74) ir. W.J.J.M. Kempes	Bingkun Min	(72) Bruce Gardiner Aitken
(51) B01J 20/02	Ping Liu	Alexander I Priven
B01J 20/28	Kunquan Li	(74) dr. ir. G.J.C. Verdijck c.s.
B01J 20/20	(74) ir. M.B. Plaggenborg	(31) 63/300,724
B01J 20/22	(51) B28B 11/24	(32) 19.01.2022
B01J 20/30	(11) 2030594	(33) United States of America
C02F 1/70	(47) 27.07.2023	(51) C07C 231/02
(11) 2030639	(22) 18.01.2022	C07C 231/12
(47) 01.08.2023	(54) SOLID WASTE LARGE-MIXING-AMOUNT CONCRETE PREFABRICATED LAMINATED SLAB AND PREPARATION METHOD THEREOF	C07C 233/81
(22) 21.01.2022	(73) CHINA NORTHEAST ARCHITECTURAL DESIGN AND RESEARCH INSTITUTE CO.,LTD	C07C 237/42
(54) BIOCHAR-LOADED NANOSCALE ZERO-VALENT IRON COMPOSITE MATERIAL AS WELL AS PREPARATION METHOD AND APPLICATION THEREOF	Shenyang University of Technology	(11) 2033448
(73) Chengdu University of Technology	China Construction Technology Group Co, Ltd.	(47) 28.07.2023
(72) Shuting Liu	China West Construction Building Materials Science Research Institute Co., Ltd.	(22) 02.11.2022
Yangyang Dong	Northeastern University	(54) SYNTHESIS METHOD OF AROMATIC AMINE CARBOXYLIC ACID DERIVATIVE
Xinyu Wang	(72) Xiaowei Gu	(73) Beijing Yinong Biotechnology Co., Ltd.
Zeming Shi	Xinlong Zhang	(72) Wenyan Qu
Jing Zhu	Weifeng Zhang	(74) ir. M.B. Plaggenborg
(74) ir. W.J.J.M. Kempes	Baokuan Ning	(31) 202111635561.5
(51) B01J 23/04	Peng Liu	(32) 29.12.2021
B01J 31/02	Hao Wang	(33) China
C08J 11/10	Xiaohui Li	(51) C07C 315/00
B01J 23/00	Qingdong Liu	C07C 317/46
B01J 35/00	Zhangmiao Li	C07D 301/12
C07B 41/02	Yuxin Gao	C07D 303/48
C08J 11/16	Jianping Liu	(11) 2030589
C08J 11/24	(74) ir. W.J.J.M. Kempes	(47) 28.07.2023
(11) 2030566	(51) B60L 53/30	(22) 18.01.2022
(47) 27.07.2023	(11) 2030637	(54) PREPARATION METHOD OF BICALUTAMIDE
(22) 17.01.2022	(47) 28.07.2023	(73) Huaihua Baohua Biotechnology Co., Ltd.
(54) METHOD FOR DEPOLYMERIZING A POLYMER INTO REUSABLE RAW MATERIAL	(22) 21.01.2022	(72) Baoqing Tang
(73) Ioniqa Technologies B.V.		Zhiming Fu
(72) Joost Robert Wolters		Hongsheng Liu
Egor Vasilyevich Fufachev		Zhixiong Fu
(74) dr. ir. G.J.C. Verdijck c.s.		Bangli Zhang
(51) B01J 23/889		Guoping Xu
B01J 20/16		(74) ir. W.J.J.M. Kempes
		(51) C09D 7/61
		C09D 7/65
		C09D 163/00

(11) 2030644	Yuling Meng	(73) University of Science and Technology Liaoning
(47) 01.08.2023	(74) ir. W.J.J.M. Kempes	
(22) 21.01.2022	(51) C12N 15/52	(72) Lingfeng Yu
(54) MECHANICALLY DURABLE SUPERHYDROPHOBIC NANO-COATING AND PREPARATION METHOD THEREOF	C12N 15/70	Qingli Wang
(73) National University of Defense Technology	A61K 38/46	Miao Chu
(72) Jinshui Yang	C12N 9/16	Changzhi Duan
Changping Yin	(11) 2030651	(74) ir. M.B. Plaggenborg
Chaoyi Peng	(47) 01.08.2023	(31) 202122106334.5
Suli Xing	(22) 21.01.2022	(32) 02.09.2021
Binrui Wu	(54) PHOSPHATIDYLINOSITOL-SPECIFIC PHOSPHOLIPASE C GENE, VECTOR, ENGINEERED BACTERIA AND USE THEREOF	(33) China
Nan Wu	(73) Zhejiang Academy of Agricultural Sciences	(51) E21B 33/12
Dazhi Jiang	(72) Dibo Fei	F16J 15/06
Su Ju	Xianze Tang	E21B 23/06
(74) ir. M.B. Plaggenborg	Wei Liu	E21B 33/10
(51) C09K 5/06	Fei Xu	E21B 43/10
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(11) 2033966	(74) ir. M.B. Plaggenborg	(47) 27.07.2023
(47) 28.07.2023	(51) C12Q 1/04	(22) 15.11.2021
(22) 16.01.2023	(11) 2030588	(54) NON-EXPANDING LINER HANGER
(54) MULTIFUNCTIONAL COMPOSITE PHASE CHANGE MATERIAL SUPPORTED BY NICKEL-PLATED FOAM AND MXENE COLLABORATIVELY, AND PREPARATION METHOD THEREOF	(47) 28.07.2023	(73) Halliburton Energy Services, Inc.
(73) Guizhou University	(22) 18.01.2022	(72) Emile Edmund Sevadjian
(72) Ziling Cheng	(54) PRETREATMENT METHOD FOR FUNGAL POSITIVE BLOOD CULTURE BY USING SEPARATING GEL AND CHEMICAL REAGENT	Michael Linley Fripp
Bai Xue	(73) Peking Union Medical College Hospital	Abdol Reza Gharesi
(74) ir. M.B. Plaggenborg	(72) Menglan Zhou	(74) dr. ir. F.M. van Bouwelen
(31) 202210073533.7	Qiwen Yang	(31) PCT/US2020/066193
(32) 21.01.2022	Yingchun Xu	17/124,217
(33) China	(74) ir. W.J.J.M. Kempes	(32) 18.12.2020
(51) C09K 8/03	(51) C14B 1/26	16.12.2020
C09K 8/14	C14B 1/28	(33) United States of America
C08F 8/36	(11) 2030631	(51) E21B 43/36
C08F 212/08	(47) 01.08.2023	C10G 53/02
C09K	(22) 20.01.2022	(11) 2030600
(11) 2030597	(54) Inrichting voor het verwerken van huden	(47) 28.07.2023
(47) 28.07.2023	(73) Rust B.V.	(22) 18.01.2022
(22) 18.01.2022	(72) Franciscus Albertus Elizabeth Janssen	(54) INCLINED T-TYPE PIPE MULTI-LEVEL HIGH-VOLTAGE ELECTRIC FIELD SEABED SEPARATION METHOD
(54) DRILLING FLUID NANO-BLOCKING AGENT, PREPARATION METHOD THEREOF, AND WATER-BASED DRILLING FLUID CONTAINING SAME	Wilfridus Gummarus Ermers	(73) Qingdao University of Technology
(73) Zhongman Petroleum and Natural Gas Group Corp., Ltd.	Karel van der Leegte	(72) Yong Yang
(72) Xinzhou Lu	(74) drs. A.A. Jilderda	Qianqian Wu
(74) ir. W.J.J.M. Kempes	(51) D04B 1/12	Xinfu Liu
(51) C09K 8/68	(11) 2031624	Chunhua Liu
C09K 8/70	(47) 28.07.2023	Shousen Zhang
C09K 8/88	(22) 19.04.2022	Chao Shang
C09K 8/90	(54) COTTON KNITTED FABRIC WITH ANTIBACTERIAL, DEODORIZING AND MILDEW-PROOF PERFORMANCES	(74) ir. M.B. Plaggenborg
(11) 2030592	(73) Freedom (Shanghai) Digital Technology Co., Ltd.	(51) F03D 5/06
(47) 27.07.2023	(72) Ruiling Chen	(11) 2030619
(22) 18.01.2022	(74) ir. M.B. Plaggenborg	(47) 01.08.2023
(54) DOUBLE-EMBEDDED BIOENZYME SUSTAINED-RELEASE GEL BREAKER AND PREPARATION METHOD THEREOF	(31) 202122472958.9	(22) 19.01.2022
(73) Qilu University of Technology	(32) 14.10.2021	(54) Inrichting voor het genereren van energie en werkwijze voor het gebruik van de inrichting
(72) Haibo Yuan	(33) China	(73) Janjaap Ruijssenaars
Piwu Li	(51) E04B 1/24	(72) Janjaap Ruijssenaars
Jing Xiao	E04C 3/36	(74) ir. B.J. 't Jong
Zhiwei Zhang	(11) 2032918	(51) F23J 15/02
	(47) 28.07.2023	(11) 2033432
	(22) 31.08.2022	(47) 28.07.2023
	(54) ASSEMBLED CONCRETE-FILLED ROUND STEEL TUBE COLUMN RC BEAM CONNECTING NODE	(22) 31.10.2022
		(54) SMOKE-REMOVING EQUIPMENT FOR THERMAL POWER GENERATION
		(73) Inner Mongolia Shangdu Power Generation Co., Ltd
		(72) Ming Li
		Yajun Luo
		Hongfei Chang
		Zhiqiang Yao

Xuyang Sun (74) ir. M.B. Plaggenborg (31) 202211275724.8 (32) 18.10.2022 (33) China	(72) Yifan Jia Shuguang Jiang Maolin Jia Zhiqiang Song Jianping Lei Yijun Jia Cunbao Deng Chuanbo Cui	Sen Liu Quandang Ma Nengchao Lv Qinlin Zhang Hengtao Tan Chengpeng Wan Dingze Zhang Jinfen Zhang
(51) G01N 1/44 (11) 2030020 (47) 27.07.2023 (22) 03.12.2021	(74) ir. W.J.J.M. Kempes	(74) ir. W.J.J.M. Kempes
(54) DETECTION DIGESTION TUBE AND PRETREATMENT METHOD FOR HEAVY METAL IN BATCH SOIL	(51) G01N 33/24 G01N 1/40 (11) 2034172 (47) 28.07.2023 (22) 16.02.2023	(51) G06F 3/12 G07G 5/00 (11) 2030647 (47) 01.08.2023 (22) 21.01.2022
(73) Institute of Quality Standard and Monitoring Technology for Agro-Products of Guangdong Academy of Agricultural Sciences	(54) AN ANALYTICAL TREATMENT METHOD FOR THE BIOLOGICAL EFFECTIVENESS OF SEDIMENT OR SOIL CONTAMINATED WITH HEAVY METALS	(54) SELF-SERVICE RECEIPT PRINTING DEVICE
(72) Yongjian Chen Aiping Xu Tenghaobo Deng Dian Wen Ruiying Du Peihua Zhao Yongdong Huang Lei Li Chuguo Chen Xu Wang	(73) Suzhou University (72) Song Chen Weihua Peng Herong Gui Hao Yu Manli Lin	(73) ZHEJIANG JIANLIN ELECTRONIC Co.,LTD (72) Jianjun Zhou Ying Jin Yaqun Wang
(74) ir. W.J.J.M. Kempes	(74) ir. M.B. Plaggenborg	(74) ir. M.B. Plaggenborg
(51) G01N 3/02 G01N 3/00 (11) 2030650 (47) 01.08.2023 (22) 21.01.2022	(31) 202211403219.7 (32) 10.11.2022 (33) China	(51) G06N 3/00 (11) 2030615 (47) 01.08.2023 (22) 19.01.2022
(54) COMBINED MULTIFUNCTIONAL SERVO CONTROL LOADING SIMILAR SIMULTATION EXPERIMENT TABLE AND TEST METHOD	(51) G01N 33/48 G01N 33/82 A61P 7/04 A61K 31/122	(54) ARTIFICIAL BEE COLONY ALGORITHM-BASED SPACE DETECTION MODEL FOR URBAN LAND ECOLOGICAL SECURITY
(73) Henan Polytechnic University	(11) 2030584 (47) 27.07.2023 (22) 17.01.2022	(73) Henan University (72) Xiwang Zhang Zhigang Han Fen Qin Haiying Wang Jiayao Wang
(72) Shuren Wang Xiliang Liu Zhengsheng Zou Yubo Chen Jiyun Zhang Jian Gong Huaiguang Xiao	(54) Use of vitamin K in preventing or counteracting vaccine-related adverse events, symptoms, morbidity and/ or mortality after vaccination against COVID-19 or another coronavirus	(74) ir. W.J.J.M. Kempes
(74) ir. M.B. Plaggenborg	(73) Emphysema Solutions BV (72) Rob Janssen (74) dr. A.V. Huygens	(51) G06N 3/08 G06T 7/20 G06T 7/50 G06T 7/80 G06N 3/04 (11) 2031098 (47) 01.08.2023 (22) 28.02.2022
(51) G01N 21/71 (11) 2030645 (47) 01.08.2023 (22) 21.01.2022	(51) G01R 31/50 B60L 53/20 B60L 53/14 (11) 2030569 (47) 27.07.2023 (22) 17.01.2022	(54) COMPUTER-IMPLEMENTED METHOD OF SELF-SUPERVISED LEARNING IN NEURAL NETWORK FOR ROBUST AND UNIFIED ESTIMATION OF MONOCULAR CAMERA EGO-MOTION AND INTRINSICS
(54) METHOD FOR CONTINUOUSLY DETECTING MOLTEN STEEL COMPOSITIONS IN LF FURNACE BY USING LASER	(54) Electric vehicle, onboard charger, method and computer program	(73) NavInfo Europe B.V.
(73) WUST Automation System Company, Ltd.	(73) Atlas Technologies Holding B.V. (72) Jeroen Richard Gertruda Maar (74) ir. J.C. Volmer c.s.	(72) Hemang Chawla Bahram Zonooz Arnav Varma Elahé Arani
(72) Yingtao Zhu Zhigang Hu	(51) G05B 19/042 (11) 2030590 (47) 27.07.2023 (22) 18.01.2022	(74) mr. ir. J. van Breda c.s. (31) 17/579,367 (32) 19.01.2022
(74) ir. M.B. Plaggenborg	(54) EMERGENCY ESCAPE PREWARNING INDICATION SYSTEM OF PASSENGER SHIP	(33) United States of America
(51) G01N 25/22 G01N 31/12 (11) 2030596 (47) 27.07.2023 (22) 18.01.2022	(73) Wuhan University of Technology (72) Liutao Ma Ang Su Zhao Liu Yujie Jiang Yufei Peng	(51) H01G 11/28 H01G 11/84 H01G 11/04 H01G 11/30 H01G 11/56 (11) 2030755 (47) 28.07.2023 (22) 27.01.2022
(54) PLC MONITORING-BASED COAL SPONTANEOUS COMBUSTION TEMPERATURE RISE RESEARCH DEVICE AND METHOD		
(73) Taiyuan University of Technology		

(54) TRANSPARENT FLEXIBLE ZINC-ION HYBRID CAPACITOR WITH ELECTRIC FIELD SENSING FUNCTION AND PREPARATION METHOD THEREOF	Yanguo Liu (74) ir. M.B. Plaggenborg	(73) Anhui YoChant Network & Technology Co., Ltd
(73) Anhui University	(51) H01R 13/40	(72) Haijun Ren
(72) Lihao Li	(11) 2030613	(74) ir. W.J.J.M. Kempes
Siliang Wang	(47) 01.08.2023	(51) H04N 9/64
Yang Lin	(22) 19.01.2022	G06T 5/00
Wei Zeng	(54) LIQUID-COOLING DEVICE FOR POWER SUPPLY CORE WIRES	(11) 2030616
Xiaohui Guo	(73) Zhangjiagang Uchen New Energy Technology Co., Ltd.	(47) 01.08.2023
Qitao Yu	(72) Jiandong Wang	(22) 19.01.2022
(74) ir. M.B. Plaggenborg	Zhiping Zou	(54) COLOR VIDEO RESTORATION METHOD AND SYSTEM BASED ON HIGHER-ORDER TENSOR SINGULAR VALUE DECOMPOSITION
(31) 202110774048.8	Gaojun Song	(73) Southwest University
(32) 08.07.2021	(74) ir. W.J.J.M. Kempes	(72) Zhihao Wang
(33) China	(51) H01R 13/44	Weijun Ma
(51) H01J 37/28	(11) 2030611	Wenjin Qin
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(11) 2032542	(54) SOCKET AND PROTECTION DEVICE THEREOF	(74) ir. W.J.J.M. Kempes
(47) 28.07.2023	(73) Zhangjiagang Uchen New Energy Technology Co., Ltd.	(51) H05B 45/46
(22) 19.07.2022	(72) Gaojun Song	H05B 45/395
(54) Method for operating a multi-beam particle microscope with fast closed-loop beam current control, computer program product and multi-beam particle microscope	Jiandong Wang	(11) 2030587
(73) Carl Zeiss MultiSEM GmbH	(74) ir. M.B. Plaggenborg	(47) 28.07.2023
(72) Ingo Mueller	(51) H02H 7/122	(22) 18.01.2022
Nicolas Kaufmann	H02H 1/00	(54) Operating mosfet in linear mode for multi-group LEDs
Michael Behnke	(11) 2030568	(73) eldoLAB Holding B.V.
Hans Fritz	(47) 27.07.2023	(72) Franciscus Bernardus Marie van Horck Machiel Slot
(74) ir. H.A. Witmans c.s.	(22) 17.01.2022	(74) ir. J.C. Volmer c.s.
(31) 10 2021 118 561.0	(54) Electrical device, computing device, vehicle, method and computer program	
(32) 19.07.2021	(73) Atlas Technologies Holding B.V.	
(33) Germany	(72) Jeroen Richard Gertruda Maar	
(51) H01M 4/485	(74) ir. J.C. Volmer c.s.	
H01M 4/505	(51) H02J 7/35	
H01M 10/054	B65F 1/14	
H01M 4/36	H02J 7/00	
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(47) 01.08.2023	(22) 17.01.2022	
(22) 21.01.2022	(54) Refuse collection system and control unit therefor	
(54) METHOD FOR PREPARING LAYERED HIGH-ENTROPY OXIDE CATHODE MATERIAL FOR SODIUM-ION BATTERY AND USE THEREOF	(73) Mr. Fill Holding B.V.	
(73) Northeastern University at Qinhuangdao	(72) Jacob Joost Luinstra	
(72) Runguo Zheng	(74) ir. J.C. Volmer c.s.	
Hongyu Sun	(51) H02K 3/26	
Zhiyuan Wang	G01D 5/20	
Kanghui Tian	H02K 24/00	
Yanguo Liu	A61G 5/04	
(74) ir. M.B. Plaggenborg	H02K 7/102	
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(47) 01.08.2023	(54) Wheel assembly for a wheelchair	
(22) 21.01.2022	(73) Life & Mobility Development B.V.	
(54) PREPARATION OF MODIFIED AMMONIUM OXOFUOROTITANATE FOR LITHIUM-ION BATTERY AND USE THEREOF	(72) Gerrit Wolters	
(73) Northeastern University at Qinhuangdao	(74) ir. H.A. Witmans c.s.	
(72) Runguo Zheng	(51) H04L 41/04	
Hongyu Sun	H04L 41/147	
Zhiyuan Wang	H04M 1/72406	
Nan Jiang	(11) 2030618	
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NP3

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

EP1

Vertaalde conclusies van Europese octrooiaanvragen.

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

EP2

Voor Nederland verleende Europese octrooien.

Contains data concerning European patents granted for The Netherlands.

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A01B 73/04	(21) EP18823758.0	(73) Bilberry SAS
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(21) EP19205396.5	(87) JP2018024547	BEGUERIE, Jules
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(22) 25.10.2019	(22) 28.06.2018	SERRAT, Hugo
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(73) PÖTTINGER Landtechnik GmbH	(73) Kubota Corporation	(32) 19.07.2019
(72) KALTSEISS, Martin	(72) ISHIKAWA, Shinnosuke	(33) France
BAUMGARTNER, Lukas	UCHIDA, Takashi	(51) A01B 79/00
BALDINGER, Friedrich	FUJIMOTO, Yoshitomo	G06Q 10/067
LEHNER, Thomas	KAN, Koichiro	G06Q 10/0637
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(11) EP3636057	A01C 7/20	(11) EP3593130
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(72) PHELY, Olivier	(21) EP19763360.5	(54) LOCATION SELECTION FOR
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(33) France	12.09.2019	(72) LADONI, Moslem
(51) A01B 59/00	(22) 08.03.2019	HU, Jie
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DEVICE FOR A WRISTWATCH	B65D 81/32	COSMETIC PRODUCT, HAVING A
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(72) Göbelhaider, Jennifer	(21) EP18728438.5	ELEMENT CONFIGURED TO BE
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(54) MULTIFUNCTIONAL MUG	United States of America	(72) PARRINI, Mauro
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(72) BUCHHOLZ, Bernd	(21) EP20202462.6	(73) Team International Group of America Inc.
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(33) Italy	QUARATESI, Guido	(72) Gulian, Haig Levon
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(72) Malzkorn, Ralf	(54) CLEANING DEVICE EQUIPPED WITH	(72) HANSLMEIER, Xaver
Hille, Markus	OMNI-DIRECTIONAL TYPE MAIN	(31) 18163235
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(72) NAUMANN, Susanne	METAL STRIP	B21D 39/02
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B21J 9/18	GOMEZ, Pascal	B33Y 40/00
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B29C 64/205	B22F 12/44	G05B 19/416
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B22F 10/322	MATERIAL	ODA, Yohei
B22F 10/77	(73) ALD Vacuum Technologies GmbH	OKIDA, Junya
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(73) Schewe, Heinz-Walter	(21) EP19734643.0	KATO, Naoya
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HORIKOSHI, Rina	B23B 29/034	HOLLANK, Steffen
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ONE WELDING SLEEVE TO A	COORDINATE SYSTEM	B24D 3/18
CONNECTION PART	(73) Illinois Tool Works INC.	B24D 3/28
(73) Auto-Kabel Management GmbH	(72) COAKLEY, Roy C.	B24D 11/02

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& Co. KG	(72) Wetzel, Alexander	(72) Schürmann, Ralf
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(72) SABATO, Luigi	MEMBER	DRUM CHIPPER
DEPETRIS, Fabio	(73) The Yokohama Rubber Co., Ltd.	(73) Multi Channel Sweden AB (MCS AB)
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AND FLEXIBLE HOLDER AND	(11) EP3501764	C04B 35/638
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(33) Spain	(73) L'Air Liquide, société anonyme pour l'Étude et l'Exploitation des procédés Georges Claude	
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(31) 202003169 (32) 05.03.2020 (33) United Kingdom	(73) Illinois Tool Works Inc. (72) LOSIEWICZ, William A. MATTERO, Patsy A. KING, Kenneth J. MONJAR, Blake T. LYNCH, James	(51) B41F 15/44 B41F 15/34 B41F 15/40 B41F 15/08 H05K 3/12
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(2) 12.09.2018 (54) METHOD OF STABILIZING A PHOTOHARDENING INHIBITOR- PERMEABLE FILM IN THE MANUFACTURE OF THREE- DIMENSIONAL OBJECTS	(33) United States of America United States of America United States of America	(73) Illinois Tool Works Inc. (72) LYNCH, James SEATON, Bruce C. SCHUMACHER, Matthew F. WANG, Weidong
(73) Global Filtration Systems, A DBA of Gulf Filtration Systems Inc. (72) RAULINAITIS, Andrius SHKOLNIK, Alexandr	(51) B41F 15/16 B41F 15/18 F16M 11/00 B41F 15/36 B41L 13/02 F16M 11/04 F16M 11/18	(31) 202016897493 201962861035 P 201962861031 P 201962861025 P
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B41F 15/40	H05K 3/12	(73) SII Printek Inc
B41F 15/08	(11) EP3983234	(72) TAMURA, Masanori
H05K 3/12	(21) EP20751714.5	SUZUKI, Kenji
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United States of America	United States of America	(72) UCHIDA, Kazuaki
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(54) LIQUID CARTRIDGE	B41J 13/10	COSTA, Francis
(73) BROTHER KOGYO KABUSHIKI KAISHA	(11) EP3578369	KULSHRESHTHA, Bhawna
(72) ISHIBE, Akinari	(21) EP19167642.8	(31) 18178466
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(72) FUNATO, Junji	BELLUZZO, Damiano Leonardo	(31) 1906039
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(73) Bridgestone Corporation	(73) Continental Reifen Deutschland GmbH	(31) 102020205408
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(72) WILHELMSEN, Sven	B60C 23/00	(72) GERDSBERG, Håkan
FRAISS, Karim	B60C 23/16	HÖGLUND, Frank
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(72) FUGERAY, Louise	(73) WESTFALIA - Automotive GmbH	KUHLEN, Arne
REUCHER, Julie	(72) DÜKER, Martin	(31) 102018113909
HARTENSTEIN, Gilles	SIELHORST, Bernhard	102018104490
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(72) KATO Takushi	H02M 1/14	B60L 50/51
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(73) Continental Automotive Technologies GmbH	(51) B60L 50/13	MÜLLER-WINTERBERG, Christian
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(73) I.G. Bauerrhin GmbH	PARTICULAR A VEHICLE SEAT	(51) B60Q 1/14
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(51) B60Q 7/00	(72) HENDRICKS, Michael G.	Grasun, Maxim
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(73) CT-Coating AG	B60R 11/04	(72) SHIOZAKI, Tomohiro
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MACHINE WHEN DRIVING THE	(33) United States of America	(22) 15.06.2020
AGRICULTURAL MACHINE	(51) B60R 3/02	(54) VEHICLE-MOUNTED NETWORK
(73) Continental Automotive Technologies	(11) EP3924220	SYSTEM
GmbH	(21) EP20720278.9	(73) MAZDA MOTOR CORPORATION
(72) Roskoni, Ulrich - c/o Continental	(47) 02.08.2023	(72) YAMADA, Sadahisa
Automotive GmbH	(87) US2020025030	YAMASHITA, Tetsuhiro
Kliwer, Georg - c/o Continental	01.10.2020	KUROKAWA, Yoshimasa
Automotive GmbH	(22) 26.03.2020	SHIMIZU, Masaaki
Berger, Jens - c/o Continental	(54) ROTATABLE BOX STEP	(31) 2019127734
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Automotive GmbH	BAKSHI, Mriya, Neeloy Kumar	(51) B60R 16/027
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(22) 07.08.2019	B25B 13/46	(54) CONNECTION STRUCTURE AND
(54) REAR VIEW DEVICE AND MOTOR	(11) EP4094993	ROTARY CONNECTOR APPARATUS
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(73) Furukawa Automotive Systems Inc.	(33) United States of America	(51) B60T 8/17
Furukawa Electric Co., Ltd.	(51) B60R 21/34	B60T 17/22
(72) UTSUNOMIYA Hirofumi	(11) EP3984834	(11) EP3659877
KANAZAWA Masashi	(21) EP21201180.3	(21) EP19208150.3
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(51) B60R 19/18	(73) MAZDA MOTOR CORPORATION	(73) Goodrich Corporation
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(54) BUMPER REINFORCEMENT	(33) Japan	(51) B60T 8/17
(73) Aisin Keikinzoku Co., Ltd.	(51) B60S 1/52	B60T 17/22
TOYOTA JIDOSHA KABUSHIKI KAISHA	B60S 1/60	(11) EP3895943
AISIN CORPORATION	(11) EP3915846	(21) EP19934924.2
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(32) 04.02.2021	(54) VEHICLE CLEANER	(54) TRAIN-GRADE BRAKING FORCE MANAGEMENT METHOD
(33) Japan	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(73) CRRC Nanjing Puzhen Haitai Brake Equipment Co., Ltd.
(51) B60R 21/232	KOITO MANUFACTURING CO., LTD.	(72) LIU, Yinhu
B60R 13/07	(72) USAMI, Atsushi	HU, Kang
B60R 16/02	ICHIKAWA, Yasuhiro	YANG, Zhengzhan
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(54) INFLATOR WITH ANNULAR CENTER GENERANT HOLDER	(33) Germany	GALIZZI, Valerio
(73) ARC Technology Holding Limited		
(72) SIMONS, Philip		
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ROSSI, Alessandro	MODULATOR	H04B 5/00
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(22) 13.05.2020	B60T 13/26	(73) Huawei Technologies Co., Ltd.
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(33) Germany	AND METHOD FOR PRODUCING THE	B60W 30/18
(51) B60T 13/38	DRIVER BRAKE VALVE	F01M 1/02
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(54) METHOD OF OPERATING	B60T 8/32	electric vehicle
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SYSTEM, VEHICLE	(54) DRIVER BRAKE VALVE,	Berggren, Lars
(73) ZF CV Systems Global GmbH	COMPRESSED AIR BRAKING SYSTEM	Bodén, Roger
(72) VAN THIEL, Julian	WITH THE DRIVER BRAKE VALVE	Persson, Dan
(31) 102019131930	AND METHOD FOR PRODUCING THE	(51) B60W 20/50
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PNEUMATIC BRAKE SYSTEM	B60W 30/10	SUPPORTING A LANE CHANGE IN A
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(73) MAZDA MOTOR CORPORATION	(73) HELLA GMBH & CO. KGAA	(51) B61D 3/20
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BRANDIN, Magnus	(11) EP3980309	XIAO, Yusong
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Pieringer, Peter Jonathan	(51) B62D 1/18	(31) 102019122320
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SENSOR	STATE VALUES	(54) TRAILER PLATFORM
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thyssenkrupp AG	CO. KG	(72) Pryda, Bartosza
(72) HAMORI, Botond	(72) BITZER, Manfred	Koziolok, Sebastian
GAAL, Zoltan	JESKE, Frank	Mysior, Marek
KAKAS, Peter	HIRT, Markus	<hr/>
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(73) JTEKT CORPORATION	(22) 25.05.2016	(31) 2019033236
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CONTROL UNIT FOR A STEER-BY-	20.02.2020	(72) YAMADA Ken
WIRE STEERING SYSTEM, STEER-	(22) 08.08.2019	YOSHIDA Takanori
BY-WIRE STEERING SYSTEM, AND	(54) CONTROL METHOD AND CONTROL	SHINHARA Hidemitsu
VEHICLE	DEVICE FOR TRANSFERRING A	NOTOMI Masashi
(73) VOLKSWAGEN	UTILITY VEHICLE INTO A TARGET	HIRAI Shunsuke
AKTIENGESELLSCHAFT	POSITION, AND UTILITY VEHICLE	SHIRAIISHI Hidekazu
(72) DOBBERPHUL, Timo	THEREFOR	ISHIZU Hiroaki
RÜGER, Tobias	(73) ZF CV Systems Europe BV	ITO Hajime
KREIS, Christopher	(72) WULF, Oliver	FUKUDA Takumi
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(54) CONTROL DEVICE AND TURNING	(47) 02.08.2023	(11) EP3972889
DEVICE	(87) JP2019041135	(21) EP19727954.0
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KOJIMA, Takashi	(54) OVERRIDING DETERMINATION	26.11.2020
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(33) Japan	DEVICE	CONNECTING JOINT
(51) B62D 7/06	(73) NISSAN MOTOR Co., Ltd.	(73) Volvo Bus Corporation
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B62K 21/12	VEHICLE	TALAVASEK, Jan
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(73) Adventure Sports Inc.	(73) Airbus Operations GmbH	B64D 29/00
(72) Goodman, Patrick	(72) Martin, Alexander	B64D 33/10
Starbuck, David	(51) B64C 3/26	H02K 9/19
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(47) 02.08.2023	Evans, Rodney	Newman, Adam
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(73) AIRSEAS	B64C 3/48	B64D 27/24
(72) GAGNAIRE, Benoît	B64C 3/44	F02K 5/00
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(73) Rolls-Royce plc	(54) AXIAL LOAD CAPABLE TORQUE TUBE	(54) LANDING GEAR CONTROLLER
(72) Eryilmaz, Ibrahim	ASSEMBLY & MANUFACTURING	(73) Airbus Operations Limited
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(33) United Kingdom	(72) BARGER, Victor	(32) 16.06.2017
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(72) DURAND, Sean	B64D 11/00	AUTOMATED SERVICING OF SHOCK
FARRELL, Ian	G05D 1/06	STRUTS
KUDRNA, Richard	G05D 1/08	(73) Goodrich Corporation
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B64C 29/00	CABIN	(51) B64C 27/04
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(72) STAMPS, Frank Bradley	(22) 21.06.2019	OPERATING MULTI-ENGINE
MUELLER, Russell Lee	(54) LOW DRAG SURFACE	ROTORCRAFT
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(54) DESIGN AND INSPECTION METHOD	(73) Lockheed Martin Corporation	United States of America
OF AIRCRAFT DRIVE SHAFTS	(72) Blosch, Edwin L.	United States of America
(73) Hamilton Sundstrand Corporation	Azevedo, Jeffrey J.	United States of America
(72) SCHAEFER, Joyel M.	Charlton, Eric F.	(51) B64C 27/22
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(33) United States of America	(51) B64C 25/18	ASSISTING THE PILOTING OF A

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(54) WIRELESS CARGO MANIFEST TRACKER AND HAZARD PROTECTION SYSTEM	(73) Hamilton Sundstrand Corporation	(73) Airbus Operations S.A.S.
(73) Kidde Technologies, Inc.	(72) ARMY, Donald E.	(72) MOULIS, Julien
(72) ROGERS, Aaron Stanley	PEACOS III, Frederick	COLMAGRO, Jérôme
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(72) MAI, Yiwen	(54) METHOD AND DEVICE FOR MONITORING ENVIRONMENTAL CONDITIONS WITHIN A MEANS OF TRANSPORT	(73) Honeywell International Inc.
MORALES-ANTON, Alejandro	(73) Testo SE & Co. KGaA	
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LUO, Yuxin	MERTE, Rolf	
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(54) COMMUNICATION SYSTEM AND METHOD FOR EQUIPMENT IN AIRBORNE OPERATIONS	(51) B64F 5/60 G01N 15/08 B64D 13/06	(73) MULTIVAC Sepp Haggenmüller SE & Co. KG
(73) Airbus Defence and Space SAU	(11) EP3757020	(72) Häring, Rainer
(72) GONZÁLEZ RODRÍGUEZ, Manuel JIMÉNEZ OLAZÁBAL, Andrés MARTÍN GÓMEZ, Gonzalo	(21) EP20181853.1 (47) 02.08.2023 (22) 24.06.2020	Schorer, Timo Hirschauer, Alexander Frühsammer, Florian Brunner, Maximilian Riethmüller, Jakob
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(11) EP3936441	(72) PANETTI, Aniceto MARCHETTI, Andrea ADRIANI, Andrea RITORTO, Alberto SCIALANGA, Luigi	(73) Bizerba SE & Co. KG (72) Pfau, Helmut
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(73) Airbus Defence and Space GmbH Airbus (S.A.S.) Airbus Operations GmbH		
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(22) 28.06.2021	(22) 25.03.2016	PRESSURISED TANK IN A CLOSURE
(54) TRANSPORT CONTAINER	(54) CAP FOR CONTAINER	DEVICE
(73) C. & A. Veltins GmbH & Co. KG	(73) ThisCap Inc.	(73) Gizmo Packaging Limited
(72) BROER, Eckhard	(72) Maguire, Michael	(72) MAGUIRE, Jordan
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B65D 75/52	Taiwan, Chinese Taipei	United Kingdom
B26D 3/08	(51) B65D 41/62	(51) B65D 51/28
B65H 49/30	C09J 139/00	(11) EP3458379
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(54) MULTI-PACK CONTAINER AND	(73) CREALIS S.p.A.	(73) Gizmo Packaging Limited
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SAME	(31) 201900021210	FRUTIN, Bernard
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(47) 02.08.2023	(54) FLUID PRODUCT REFILL AND	04.03.2021
(87) EP2018063557	CORRESPONDING METHOD	(22) 26.08.2020
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(73) Bischof + Klein SE & Co. KG	(31) 1905871	FLUZIN, Mireille Paula
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(72) BOLIKAL, Durgadas	(47) 02.08.2023	THOMAS, Craig J.
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(73) Alzchem Trostberg GmbH	PEROXYESTERS	YANG, Seunggak
(72) THALHAMMER, Franz	(73) Nouryon Chemicals International B.V.	SEO, Jihyun
GÜTHNER, Thomas	(72) TAMMER, Martinus, Catharinus	KIM, Mikyung
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(51) C08G 64/42	(72) ASAI, Yuiga	(72) VO, Van-chau
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(73) IKEA Supply AG	(72) KIM, Joo Ho	PROCESSES FOR PREPARING AND
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(73) Momentive Performance Materials Inc.	(73) Yuken Industry Co., Ltd.	(73) BATTELLE MEMORIAL INSTITUTE
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(72) Holzer, Benjamin	B32B 7/08	HAEFKE, Sascha
Obert, Wolfgang	B32B 21/13	VAN DE SCHOOR, Paulus
Blattner, Joachim	E04C 2/42	ARMBRECHT, Ralf
Bilger, Marcel	E04C 2/40	(51) E04C 2/32
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(54) SYSTEM FOR LOCKING A POOL	(73) Parkstory GmbH	INTERNAL CIRCULATION TREATMENT
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OF AN ABOVE-GROUND POOL, SUCH	STRUCTURE	WITH ADVANTAGEOUSLY-SHAPED
AS AN ABOVE-GROUND SPA POOL	(73) VESTAS WIND SYSTEMS A/S	CONNECTORS
OR A SWIMMING POOL	(72) ANDERSEN, Jes Grøn	(73) Origin Point Brands, LLC
(73) POLYTROPIC	MADSEN, Søren Bøgelund	(72) LANGENWALTER, Duane
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CAPABLE OF AUTOMATICALLY	H01Q 1/10	VILLECHENOUX, Karine
DOSING	E04H 12/08	(51) E04H 17/16
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E05B 65/10	CEDERBLAD, Mats	(73) Kiekert AG
B64C 1/14	MACKEGÅRD, Per	(72) GROSSMANN, Alexander
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AND AIRCRAFT HAVING SUCH AN	(22) 25.01.2022	(11) EP3739155
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Benthien, Herrmann	(33) France	JARNICKI, Richard-Roman
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AND A DOUBLE-ROW BALL BEARING	ENHANCED WEAR AND	(22) 22.06.2020
WITH OBLIQUE CONTACT	MACHINABILITY	(54) DRIVEN DISK CLUTCH SUB-UNIT
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(73) Leica Microsystems CMS GmbH	B23K 103/16	(72) IWAYA, Takaharu
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<p>(54) AN ARC EXTINGUISHING NOZZLE AND A LOAD SWITCH WITH THE ARC EXTINGUISHING NOZZLE</p> <p>(73) Cooper Edison (Pingdingshan) Electronic Technologies Co., Ltd.</p> <p>(72) YU, Li YOU, Hogan LI, Zuhui WANG, Chengyi ZHU, Zhicai</p> <p>(31) 202010459975 (32) 27.05.2020 (33) China</p> <hr/> <p>(51) H01H 69/02 H01H 85/10 H01H 85/041</p> <p>(11) EP3742467 (21) EP19210644.1 (47) 02.08.2023 (22) 21.11.2019</p> <p>(54) A FUSE ASSEMBLY AND METHOD OF MAKING</p> <p>(73) ROSEMOUNT AEROSPACE INC.</p> <p>(72) PING-TAO FOK, Ben BACKMAN, Roger Alan POTASEK, David P.</p> <p>(31) 201916418332 (32) 21.05.2019 (33) United States of America</p> <hr/> <p>(51) H01H 71/52</p> <p>(11) EP3767660 (21) EP20183070.0 (47) 02.08.2023 (22) 30.06.2020</p> <p>(54) A SWITCHING DEVICE</p> <p>(73) Eaton Intelligent Power Limited</p> <p>(72) ZIMMEL, RAFFAEL SPRITZENDORFER, Bernd</p> <p>(31) 201910160 (32) 16.07.2019 (33) United Kingdom</p> <hr/> <p>(51) H01H 83/04 H02H 3/33</p> <p>(11) EP3279918 (21) EP17178392.1 (47) 02.08.2023 (22) 28.06.2017</p> <p>(54) RESIDUAL CURRENT PROTECTION SWITCH</p> <p>(73) Siemens Aktiengesellschaft</p> <p>(72) Adlhoch, Manfred</p> <p>(31) 102016213875 (32) 28.07.2016 (33) Germany</p> <hr/> <p>(51) H01J 37/28 H01J 37/20 H01J 37/22 H01J 37/147 H01J 37/304 H01J 37/26</p> <p>(11) EP3616230 (21) EP18707977.7 (47) 02.08.2023 (87) IB2018050910 01.11.2018 (22) 14.02.2018</p>	<p>(54) TRANSMISSION ELECTRON MICROSCOPE SAMPLE ALIGNMENT SYSTEM AND METHOD</p> <p>(73) King Abdullah University of Science and Technology</p> <p>(72) LI, Kun ZHANG, Daliang ZHU, Yihan HAN, Yu</p> <p>(31) 201762608966 P 201762490968 P 201762490967 P</p> <p>(32) 21.12.2017 27.04.2017 27.04.2017</p> <p>(33) United States of America United States of America United States of America</p> <hr/> <p>(51) H01J 40/06 H01J 43/24 H01J 9/12 H01J 1/34 H01J 43/08 H01J 31/48</p> <p>(11) EP3958289 (21) EP20831958.2 (47) 02.08.2023 (87) JP2020019001 30.12.2020</p> <p>(22) 12.05.2020</p> <p>(54) PHOTOCATHODE, ELECTRON TUBE, AND METHOD FOR MANUFACTURING PHOTOCATHODE</p> <p>(73) Hamamatsu Photonics K.K.</p> <p>(72) YAMASHITA Shinichi KAWAI Terunori WATANABE Hiroyuki TORII Yoshitaka SHIBAYAMA Masami</p> <p>(31) 2019126375 2019118249</p> <p>(32) 05.07.2019 26.06.2019</p> <p>(33) Japan Japan</p> <hr/> <p>(51) H01J 65/04 H05G 2/00</p> <p>(11) EP3466220 (21) EP17803325.4 (47) 02.08.2023 (87) US2017033485 30.11.2017 (22) 19.05.2017</p> <p>(54) SYSTEM FOR INHIBITING VUV RADIATIVE EMISSION OF A LASER-SUSTAINED PLASMA SOURCE</p> <p>(73) Kla-Tencor Corporation</p> <p>(72) SOLARZ, Richard BHUIYAN, Aizaz WITTENBERG, Joshua CHIMMALGI, Anant YADAV, Rahul SICHEMELININ, Anatoly WILSON, Lauren GROSS, Kenneth P. BEZEL, Ilya</p> <p>(31) 201615223335 201662341532 P</p>	<p>(32) 29.07.2016 25.05.2016</p> <p>(33) United States of America United States of America</p> <hr/> <p>(51) H01L 21/02 B82Y 30/00 B82Y 40/00 G01N 27/30</p> <p>(11) EP3472855 (21) EP17814102.4 (47) 02.08.2023 (87) US2017037704 21.12.2017</p> <p>(22) 15.06.2017</p> <p>(54) DEPOSITING A PASSIVATION LAYER ON A GRAPHENE SHEET</p> <p>(73) Cardea Bio, Inc.</p> <p>(72) GOLDSMITH, Brett PAN, Deng LERNER, Mitchell</p> <p>(31) 201715623232 201662350634 P</p> <p>(32) 14.06.2017 15.06.2016</p> <p>(33) United States of America United States of America</p> <hr/> <p>(51) H01L 21/02 H01L 21/18 H01L 21/04</p> <p>(11) EP4016585 (21) EP21212659.3 (47) 02.08.2023 (22) 07.12.2021</p> <p>(54) SILICON CARBIDE ELECTRONIC DEVICE AND METHOD FOR MANUFACTURING SAME</p> <p>(73) Commissariat à l'Energie Atomique et aux Energies Alternatives</p> <p>(72) WIDIEZ, Julie</p> <p>(31) 2013524 (32) 17.12.2020 (33) France</p> <hr/> <p>(51) H01L 21/02 H01L 21/762</p> <p>(11) EP3624169 (21) EP19194092.3 (47) 02.08.2023 (22) 28.08.2019</p> <p>(54) PROCESS FOR TREATING A SOI SUBSTRATE IN A SINGLE PLATE CLEANING EQUIPMENT</p> <p>(73) Soitec</p> <p>(72) VIRAVAUX, Laurent LEDRAPPIER, Sébastien</p> <p>(31) 1858118 (32) 11.09.2018 (33) France</p> <hr/> <p>(51) H01L 21/027 H01L 29/66 H01L 29/786</p> <p>(11) EP3994720 (21) EP20739284.6 (47) 02.08.2023 (87) EP2020068391 07.01.2021</p> <p>(22) 30.06.2020</p> <p>(54) LITHOGRAPHY PRODUCTION METHOD</p>
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<p>(73) Centre national de la recherche scientifique SORBONNE UNIVERSITE Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris</p> <p>(72) MENSAH, Kokoura BOCKELMANN, Ulrich</p> <p>(31) 1907342 (32) 02.07.2019 (33) France</p> <hr/> <p>(51) H01L 21/304 B03C 7/00 B08B 1/00 B08B 7/00 G03F 1/82 G03F 7/20 G03F 1/72</p> <p>(11) EP3726566 (21) EP20178955.9 (47) 02.08.2023 (22) 16.09.2008</p> <p>(54) DEBRIS REMOVAL FROM A TRENCH FORMED ON A PHOTOLITHOGRAPHIC MASK</p> <p>(73) Bruker Nano, Inc. (72) Roessler, Kenneth Gilbert Arruza, Bernabe J. Robinson, Tod Evan</p> <p>(31) 898836 (32) 17.09.2007 (33) United States of America</p> <hr/> <p>(51) H01L 21/3105 H01L 21/311 H01L 21/02 H01L 21/67 H01J 37/32 H01L 21/3065</p> <p>(11) EP3706159 (21) EP18874845.3 (47) 02.08.2023 (87) KR2018013178 09.05.2019</p> <p>(22) 01.11.2018</p> <p>(54) ATOMIC LAYER POLISHING METHOD</p> <p>(73) Korea Institute of Fusion Energy</p> <p>(72) SEOK, Dong Chan CHOI, Yong Sup JANG, Soo Ouk LEE, Kang Il KIM, Jong Sik YOO, Seung Ryul</p> <p>(31) 20170144433 (32) 01.11.2017 (33) Korea (Republic)</p> <hr/> <p>(51) H01L 21/311 G03F 7/42</p> <p>(11) EP3537474 (21) EP19161776.0 (47) 02.08.2023 (22) 09.03.2019</p> <p>(54) PHOTORESIST STRIPPER</p> <p>(73) Versum Materials US, LLC</p> <p>(72) CAO, Yuanmei DALTON, Richard Peters PHENIS, Michael T.</p> <p>(31) 201916286808 (32) 27.02.2019 (33) United States of America</p>	<p>(51) H01L 21/336 H01L 29/786 H01L 21/16 H01L 29/24 H01L 21/02</p> <p>(11) EP3688812 (21) EP18773216.9 (47) 02.08.2023 (87) EP2018076285 04.04.2019</p> <p>(22) 27.09.2018</p> <p>(54) FIELD-EFFECT TRANSISTOR WITH A TOTAL CONTROL OF THE ELECTRICAL CONDUCTIVITY ON ITS CHANNEL</p> <p>(73) Luxembourg Institute of Science and Technology (LIST)</p> <p>(72) LENOBLE, Damien LUNCA POPA, Petru CREPELLIERE, Jonathan LETURCQ, Renaud</p> <p>(31) 100461 (32) 27.09.2017 (33) Luxembourg</p> <hr/> <p>(51) H01L 21/34 H01L 29/786</p> <p>(11) EP3295475 (21) EP15858102.5 (47) 02.08.2023 (87) CN2015097050 17.11.2016</p> <p>(22) 10.12.2015</p> <p>(54) THIN FILM TRANSISTOR, ARRAY SUBSTRATE AND DISPLAY DEVICE HAVING THE SAME, AND METHOD OF MANUFACTURING THEREOF</p> <p>(73) BOE Technology Group Co., Ltd.</p> <p>(72) YAN, Liangchen</p> <p>(31) 201510239500 (32) 12.05.2015 (33) China</p> <hr/> <p>(51) H01L 21/66 H01L 21/78</p> <p>(11) EP3933916 (21) EP20885897.7 (47) 02.08.2023 (87) CN2020097150 14.05.2021</p> <p>(22) 19.06.2020</p> <p>(54) SEMICONDUCTOR STRUCTURE AND PREPARATION METHOD THEREFOR</p> <p>(73) Changxin Memory Technologies, Inc.</p> <p>(72) WU, Pingheng</p> <p>(31) 201911080780 (32) 07.11.2019 (33) China</p> <hr/> <p>(51) H01L 21/67</p> <p>(11) EP3648151 (21) EP19205558.0 (47) 02.08.2023 (22) 28.10.2019</p> <p>(54) SUBSTRATE PROCESSING APPARATUS FOR PROCESSING SUBSTRATES</p> <p>(73) ASM IP Holding B.V.</p> <p>(72) de Ridder, Chris Oosterlaken, Theodorus</p> <p>(31) 201816176517</p>	<p>(32) 31.10.2018 (33) United States of America</p> <hr/> <p>(51) H01L 21/67 H01L 21/677</p> <p>(11) EP3747042 (21) EP19704400.1 (47) 02.08.2023 (87) GB2019050250 08.08.2019</p> <p>(22) 30.01.2019</p> <p>(54) SYSTEM AND METHOD FOR MANUFACTURING A PLURALITY OF INTEGRATED CIRCUITS</p> <p>(73) PragmatIC Printing Ltd</p> <p>(72) GREEN, Nathaniel James WHITE, Scott PRICE, Richard David WILLIAMSON, Kenneth David VAN DEN HEEVER, Thomas Stanley DAVIES, Neil</p> <p>(31) 201807577 201801473 (32) 09.05.2018 30.01.2018</p> <hr/> <p>(33) United Kingdom United Kingdom</p> <hr/> <p>(51) H01L 21/762 H01L 29/06</p> <p>(11) EP3513429 (21) EP17781231.0 (47) 02.08.2023 (87) US2017051505 22.03.2018</p> <p>(22) 14.09.2017</p> <p>(54) SEMICONDUCTOR DEVICES EMPLOYING FIELD EFFECT TRANSISTORS (FETS) WITH MULTIPLE CHANNEL STRUCTURES WITHOUT SHALLOW TRENCH ISOLATION (STI) VOID-INDUCED ELECTRICAL SHORTS</p> <p>(73) Qualcomm Incorporated</p> <p>(72) RIM, Kern XU, Jeffrey, Junhao YUAN, Jun CHIDAMBARAM, Periannan YANG, Haining</p> <p>(31) 201615266214 (32) 15.09.2016 (33) United States of America</p> <hr/> <p>(51) H01L 21/768 H01L 23/522</p> <p>(11) EP4002437 (21) EP21773256.9 (47) 02.08.2023 (87) CN2021099873 31.03.2022</p> <p>(22) 11.06.2021</p> <p>(54) METHOD OF FORMING A CONTACT WINDOW STRUCTURE</p> <p>(73) Changxin Memory Technologies, Inc.</p> <p>(72) LIU, Jie YING, Zhan WU, Ping-heng</p> <p>(31) 202011001855 (32) 22.09.2020 (33) China</p> <hr/> <p>(51) H01L 23/373</p>
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H05K 1/02	H01L 21/02	(51) H01L 25/075
H01L 23/15	H01L 33/00	H01L 33/62
H01L 23/36	H01L 33/02	H01L 33/52
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(21) EP20794822.5	(21) EP22161925.7	(21) EP20176932.0
(47) 02.08.2023	(47) 02.08.2023	(47) 02.08.2023
(87) JP2020016884	(22) 14.03.2018	(22) 27.05.2020
29.10.2020	(54) METHOD FOR MANUFACTURING	(54) DISPLAY MODULE HAVING LED
(22) 17.04.2020	A PLURALITY OF CRYSTALLINE	PACKAGES AND MANUFACTURING
(54) CERAMIC CIRCUIT SUBSTRATE AND	SEMICONDUCTOR ISLANDS	METHOD THEREOF
ELECTRONIC COMPONENT MODULE	(73) SOITEC	(73) Samsung Electronics Co., Ltd.
(73) Denka Company Limited	(72) SOTTA, David	(72) JUNG, Chulgyu
(72) NAKAHARA, Fumihito	CAULMILONE, Raphaël	JUNG, Youngki
AONO, Ryohta	LOGIOU, Morgane	PARK, Taesoon
YANO, Seiji	BONNIN, Olivier	KANG, Jinhee
(31) 2019086124	LEDoux, Olivier	(31) 20190090374
(32) 26.04.2019	BETHOUX, Jean-Marc	(32) 25.07.2019
(33) Japan	(31) 1852156	(33) Korea (Republic)
(51) H01L 23/538	1852155	(51) H01L 27/02
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(11) EP3921866	(32) 13.03.2018	G11C 11/418
(21) EP20703713.6	13.03.2018	G11C 8/16
(47) 02.08.2023	17.03.2017	(11) EP3257080
(87) EP2020052511	(33) France	(21) EP15805719.0
13.08.2020	France	(47) 02.08.2023
(22) 31.01.2020	France	(87) US2015062644
(54) FLEXIBLE INTERPOSER	(51) H01L 25/075	18.08.2016
(73) Pragmatic Printing Ltd	H01L 33/38	(22) 25.11.2015
(72) COBB, Brian	H01L 33/62	(54) METAL LAYERS FOR A THREE-PORT
EWERS, Gillian	H01L 27/15	BIT CELL
DAVIES, Neil	(11) EP3836217	(73) QUALCOMM Incorporated
MANN, Rob	(21) EP19847155.9	(72) SONG, Stanley Seungchul
WHITE, Scott	(47) 02.08.2023	YEAP, Choh Fei
WILLIAMSON, Ken	(87) KR2019001543	CHABA, Ritu
SOU, Anthony	13.02.2020	WANG, Zhongze
OLIVEIRA, Joao de	(22) 07.02.2019	LIU, Ping
BOULANGER, Pascaline	(54) DISPLAY DEVICE AND METHOD FOR	MOJUMDER, Niladri Narayan
RAMSDALE, Catherine	MANUFACTURING SAME	(31) 201514620480
PRICE, Richard	(73) Samsung Display Co., Ltd.	(32) 12.02.2015
(31) 201901556	(72) LIM, Bek Hyun	(33) United States of America
(32) 05.02.2019	LI, Xinxing	(51) H01L 27/146
(33) United Kingdom	KIM, Myeong Hee	(11) EP3249691
(51) H01L 25/07	BASRUR, Veidhes	(21) EP17178489.5
H01L 23/495	KIM, Dae Hyun	(47) 02.08.2023
H01L 25/18	YOO, Je Won	(22) 25.02.2015
H02M 7/00	(31) 20180091890	(54) IMAGING SYSTEMS WITH THROUGH-
H02M 7/48	(32) 07.08.2018	OXIDE VIA CONNECTIONS
H01L 23/373	(33) Korea (Republic)	(73) Semiconductor Components Industries,
H01L 23/433	(51) H01L 25/075	LLC
(11) EP3916782	H01L 33/42	(72) Borthakur, Swarnal
(21) EP19911869.6	H01L 33/00	Sulfridge, Marc
(47) 02.08.2023	(11) EP3840066	Korobov, Vladimir
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30.07.2020	(47) 02.08.2023	(32) 27.02.2014
(22) 23.08.2019	(87) KR2019010326	(33) United States of America
(54) POWER SEMICONDUCTOR DEVICE	20.02.2020	(51) H01L 27/146
(73) Hitachi, Ltd.	(22) 13.08.2019	(11) EP3633727
(72) TANAKA, Shintaro	(54) LIGHT-EMITTING DEVICE	(21) EP19198645.4
KUSUKAWA, Junpei	(73) Seoul Viosys Co., Ltd.	(47) 02.08.2023
MOCHIZUKI, Masahito	(72) YANG, Myoung Hak	(22) 20.09.2019
TSUYUNO, Nobutake	KIM, Chang Yeon	(54) IMAGING ARRAY HAVING IMPROVED
NAGASAKI, Hironori	JANG, Jong Min	SURFACE-TO-DETECTOR LIGHT
HIRAO, Takashi	(31) 201916536627	TRANSMISSION
IDE, Eiichi	201862764961 P	(73) Foveon, Inc.
(31) 2019008189	(32) 09.08.2019	(72) RAMASWAMI, Shrinath
(32) 22.01.2019	17.08.2018	(31) 201816150211
(33) Japan	(33) United States of America	(32) 02.10.2018

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05.10.2017	(21) EP18772967.8	27.01.2022
(22) 28.02.2017	(47) 02.08.2023	(22) 28.08.2020
(54) IMAGING ELEMENT AND IMAGING DEVICE	(87) US2018046854	(54) PHOTOVOLTAIC MODULE, BACKSHEET OF PHOTOVOLTAIC MODULE, AND METHOD FOR MANUFACTURING PHOTOVOLTAIC MODULE
(73) Nikon Corporation	21.02.2019	(73) Jingao Solar Co., Ltd.
(72) TAKAGI, Toru	(22) 17.08.2018	(72) ZHOU, Yanfang
MATSUMOTO, Shigeru	(54) MANUFACTURING METHOD FOR A SEMICONDUCTOR DEVICE INCLUDING THE REMOVAL OF NON-MONOCRYSTALLINE STRINGER	CHEN, Daoyuan
(31) 2016070960	INTERFACE	XUE, Wenjuan
(32) 31.03.2016	(73) Atomera Incorporated	LI, Jian
(33) Japan	(72) STEPHENSON, Robert John	ZHAO, Shuang
(51) H01L 29/06	RAO, Kalipatnam Vivek	(31) 202010818105
H01L 29/78	MEARS, Robert J.	202010818096
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(47) 02.08.2023	(51) H01L 29/786	(33) China
(22) 28.02.2014	G02F 1/1362	China
(54) SEMICONDUCTOR DEVICE COMPRISING A LATERALLY DIFFUSED MOS TRANSISTOR	H01L 21/336	China
(73) LFoundry S.r.l.	H01L 27/12	(51) H01L 31/078
(72) Spitzlsperger, Gerhard	(11) EP2881993	H01L 31/0352
Schmidt, Carsten	(21) EP12867729.1	H01L 31/0224
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H01L 29/20	(73) BOE Technology Group Co., Ltd.	27.12.2013
(11) EP3654384	(72) ZHANG, Fangzhen	(22) 21.06.2013
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(47) 02.08.2023	(32) 31.07.2012	(73) Norwegian University of Science and Technology (NTNU)
(22) 08.11.2019	(33) China	(72) WEMAN, Helge
(54) SEMI-CONDUCTOR DEVICE WITH FIELD PLATE	(51) H01L 31/0216	KIM, Dong Chul
(73) Commissariat à l'Energie Atomique et aux Energies Alternatives	H01L 31/0232	FIMLAND, Bjørn-Ove
(72) LE RHUN, Gwenaël	H01L 31/101	(31) 201211038
GWOZIECKI, Romain	H01L 31/108	(32) 21.06.2012
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H01L 27/085	(72) BARKER, Delmar L.	(54) BACK-ILLUMINATED SEMICONDUCTOR LIGHT DETECTING DEVICE
H01L 29/20	HICKS, Charles W.	(73) Hamamatsu Photonics K.K.
(11) EP3734666	CLARKE, Jeffrey	(72) NAGANO, Terumasa
(21) EP19209343.3	GREEN, Marguerite J.	BABA, Takashi
(47) 02.08.2023	(31) 201615278619	OKADA, Masanori
(22) 15.11.2019	(32) 28.09.2016	ISHIDA, Atsushi
(54) SEMICONDUCTOR DEVICE AND FABRICATION METHOD THEREOF	(33) United States of America	(31) 2018091623
(73) Innoscience (Zhuhai) Technology Co., Ltd.		(32) 10.05.2018

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(51) H01L 31/153	20060057033	(31) 201462075373 P
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07.05.2020	H01L 33/18	H01M 4/131
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(54) LIGHT EMITTING DIODE AND	(21) EP19745694.0	(21) EP20782366.7
FABRICATION METHOD THEREOF,	(47) 02.08.2023	(47) 02.08.2023
ARRAY SUBSTRATE AND DISPLAY	(87) FR2019051507	(87) KR2020004511
PANEL	26.12.2019	08.10.2020
(73) BOE TECHNOLOGY GROUP CO., LTD.	(22) 19.06.2019	(22) 02.04.2020
(72) DONG, Xue	(54) OPTOELECTRONIC DEVICE	(54) ELECTRODE FOR LITHIUM
WANG, Haisheng	COMPRISING A DIODE ARRAY	SECONDARY BATTERY
DING, Xiaoliang	(73) Aledia	(73) LG Energy Solution, Ltd.
CAO, Xueyou	(72) DUPONT, Tiphaine	(72) KIM, Cheolwoo
LIU, Wei	ROBIN, Ivan-Christophe	YOON, Jihee
LIU, Yingming	(31) 1855450	LEE, Taek Soo
(51) H01L 31/18	(32) 20.06.2018	CHOY, Sang Hoon
H01L 31/101	(33) France	(31) 20190039670
H01L 31/105	(51) H01M 4/04	(32) 04.04.2019
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(54) METHOD OF FABRICATING A	ELECTRODE ACTIVE MATERIAL	(11) EP4042496
MONOLITHIC SENSOR DEVICE FROM	FOR RECHARGEABLE LITHIUM	(21) EP20785509.9
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(31) 201709006	KIM, JiHye	A BATTERY AND A BATTERY
(32) 06.06.2017	(31) 18164677	COMPRISING SUCH A POWDER
(33) United Kingdom	(32) 28.03.2018	(73) Umicore
(51) H01L 33/00	(33) European Patent Office (EPO)	(72) MARX, Nicolas
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H01L 33/22	H01M 10/04	PUT, Stijn
H01L 33/40	H01M 10/0585	MOEREMANS, Boaz
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having vertical topology	(21) EP21196368.1	(32) 09.10.2019
(73) LG Electronics Inc.	(47) 02.08.2023	11.10.2019
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Choi, Jae Wan	METHODS OF MANUFACTURING THE	European Patent Office (EPO)
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Lee, Jeong Soo	(72) SLOCUM, Alexander H.	H01M 4/36
Jang, Jun Ho	DOHERTY, Tristan	H01M 4/38
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(22) 02.06.2017	COMPOSITE MATERIAL AND METHOD	MATERIAL AND LITHIUM ION
(54) CATHODE ACTIVE MATERIAL,	FOR PRODUCING SAME	BATTERY
CATHODE COMPRISING SAME, AND	(73) Talga Technologies Limited	(73) Ningde Amperex Technology Limited
LITHIUM SECONDARY BATTERY	(72) CAPIGLIA, Claudio	(72) WANG, Kefei
COMPRISING SAME	LIU, Fengming	ZENG, Qiao
(73) LG Energy Solution, Ltd.	SHIVAREDDY, Sai	(31) 201810779137
(72) KIM, Eun Kyung	(31) 2019902306	201810123144
CHOI, Jung Hyun	(32) 28.06.2019	(32) 16.07.2018
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H01M 4/02	(54) BIPOLAR LITHIUM SECONDARY	(72) EMORI, Yusuke
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SECONDARY BATTERY INCLUDING	Korea (Republic)	C08L 9/08
THE SAME	(51) H01M 4/505	H01M 10/052
(73) LG Energy Solution, Ltd.	C01G 45/12	(11) EP3748747
(72) CHO, Minsu	(11) EP3223346	(21) EP19883206.5
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KWAK, Jingoo	(54) POSITIVE ELECTRODE ACTIVE	FOR SECONDARY BATTERY
SUNG, Joo Hwan	MATERIAL PARTICLE POWDER FOR	ELECTRODE AND ELECTRODE
KIM, Sue Jin	NON-AQUEOUS ELECTROLYTE	MIXTURE INCLUDING THE SAME
JANG, Jinsu	SECONDARY BATTERY, METHOD	(73) LG CHEM, LTD.
(31) 20190072305	FOR PRODUCING SAME, AND	(72) KANG, Min Ah
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(32) 18.06.2019	SECONDARY BATTERY	RYU, Dong Jo
24.10.2018	(73) Toda Kogyo Corporation	HAN, Seon Hee
(33) Korea (Republic)	(72) KOGA, Kazumichi	SON, Jeong Man
Korea (Republic)	MATSUMOTO, Kazutoshi	CHOI, Cheolhoon
(51) H01M 4/133	MASUKUNI, Hiroaki	(31) 20180136197
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H01M 10/54	(72) RAMA, Pratap	(73) MORIMURA SOFC TECHNOLOGY CO., LTD.
(11) EP3948994	(31) 201903881	(72) SHICHIDA Takafumi
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(47) 02.08.2023	(33) United Kingdom	MANABE Kenta
(87) EP2020063204	(51) H01M 8/18	OTA Yuki
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(54) METHOD FOR NEUTRALIZING AN ELECTROCHEMICAL GENERATOR	(11) EP3457480	(33) Japan
(73) Commissariat à l'énergie atomique et aux énergies alternatives	(21) EP16911698.5	(51) H01M 10/04
(72) BILLY, Emmanuel	(47) 02.08.2023	(11) EP3930062
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(47) 02.08.2023	KIM, Yujong	WANG, Yiruo
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(54) INSTALLATION FOR RECYCLING USED BATTERIES	H01M 8/12	JIANG, Chengcheng
(73) BHS-Sonthofen GmbH	C25B 15/08	DAI, Liangzhen
(72) Weber, Daniel	H01M 8/04089	WANG, Xiao
Drechsel, Christopher	H01M 8/2483	(31) 201910957293
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(54) A FUEL CELL SYSTEM AND TAIL GAS BURNER ASSEMBLY AND METHOD	(73) MORIMURA SOFC TECHNOLOGY CO., LTD.	(54) METHOD FOR PRODUCING NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
(73) Ceres Intellectual Property Company Limited	(72) OTA, Yuki	(73) Prime Planet Energy & Solutions, Inc.
(72) SCHMIDT, Martin	MANABE, Kenta	(72) KADOI, Masafumi
DOZIO, Simone	SHICHIDA, Takafumi	SAKURAI, Takahiro
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(54) BATTERY PACK	13.02.2020	DEVICE FOR HOMOGENIZING ITS
(73) Samsung SDI Co., Ltd.	(22) 05.08.2019	INTERNAL TEMPERATURE
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(33) Korea (Republic)	(72) SCHIEMANN, Michael	BEY, Mehdi
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(72) MOCHIZUKI, Hiroaki	(51) H01M 10/613	STORE OF A MOTOR VEHICLE, AND
MAKINO, Masaomi	H01M 10/617	ENERGY STORE FOR A MOTOR
MIMURA, Tomonori	H01M 10/643	VEHICLE
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NUERNBERGER, Simon	H01M 10/653	H01M 50/224
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(47) 02.08.2023	(73) Kia Corporation	(72) CHOI, Bum Kuk
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MANUFACTURING METHOD THE	03.06.2021	(32) 27.12.2018
SAME, AND BATTERY MODULE	(22) 25.11.2019	(33) China
INCLUDING THE HEAT-DISSIPATION	(54) BATTERY CELL, BATTERY MODULE,	(51) H01M 50/209
MATERIAL	BATTERY PACK, DEVICE USING	H01M 50/284
(73) LG Energy Solution, Ltd.	BATTERY CELL AS POWER SUPPLY,	H01M 50/505
(72) CHI, Ho-June	AND BATTERY CELL ASSEMBLING	H01M 50/569
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(87) CN2020135943	(47) 02.08.2023	AND VEHICLE
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(22) 11.12.2020	27.06.2019	Limited
(54) BATTERY, POWER CONSUMPTION	(22) 15.11.2018	(72) XU, Shoujiang
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PREPARATION METHOD	PACK COMPRISING SAME	(31) 201921586971 U
(73) Contemporary Amperex Technology Co.,	(73) LG Energy Solution, Ltd.	(32) 23.09.2019
Limited	(72) JEON, Hyun Wook	(33) China
(72) WU, Xiaozhi	YUN, Youngsun	(51) H01M 50/224
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H01M 50/358	H01M 10/6567	(51) H01P 5/10
H01M 50/367	H01M 10/658	H01P 3/02
H01M 50/30	H01M 50/317	H01P 3/08
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KAISHA	(22) 19.10.2020	(54) BALANCE-UNBALANCE CONVERSION
(72) UCHISAWA, Akinori	(54) BATTERY AND POWER UTILIZATION	APPARATUS, COMMUNICATION
MOCHIZUKI, Toshiki	DEVICE	DEVICE, AND COMMUNICATION
YAZAKI, Katsuya	(73) Jiangsu Contemporary AmpereX	SYSTEM
(31) 2019192186	Technology Limited	(73) Huawei Technologies Co., Ltd.
(32) 21.10.2019	(72) HONG, Jiarong	(72) ZANG, Dajun
(33) Japan	WANG, Wenli	LU, Yuchun
(51) H01M 50/249	SUN, Zhanyu	WANG, Linchun
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(47) 02.08.2023	YANG, Haiqi	(31) 201811299393
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(54) METHOD AND SYSTEM FOR	H01M 50/209	H01Q 1/38
PRODUCING A THERMAL INTERFACE	(11) EP3582292	H01Q 1/52
IN A BATTERY FOR A MOTOR	(21) EP19176973.6	H01Q 7/00
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(72) UNVERRICHT, Michel	(54) BATTERY MODULE	(21) EP18197998.0
MAGUNIA, Robert	(73) Samsung SDI Co., Ltd.	(47) 02.08.2023
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SEIDL, Stefan	Guen, Minhyung	EQUIPMENT
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(87) CN2021089665	MULTIPLEXER	(21) EP20151599.6
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(54) BATTERY MODULE, APPARATUS,	LI, Xianxiang	(54) ELECTRONIC DEVICE
BATTERY PACK, AND	MI, Qing	(73) Beijing Xiaomi Mobile Software Co., Ltd.
MANUFACTURING METHOD AND	LV, Yangzhun	(72) CUI, Xuwang
DEVICE FOR BATTERY MODULE	RESNATI, Giuseppe	LI, Peng
(73) Contemporary AmpereX Technology Co.,	(31) 201910193260	(31) 201910838737
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LI, Wei	(51) H01P 3/10	(51) H01Q 1/24
YE, Yonghuang	H01P 5/08	H01Q 15/00
LI, Quanguo	(11) EP3823091	H01Q 3/30
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(54) BEAM FORMING AUXILIARY UNIT FOR ANTENNA AND TERMINAL INCLUDING THE SAME	H01Q 1/22 H01Q 1/38 G01S 7/02 G06F 3/01 H01Q 21/06 G01S 7/35	(73) HUAWEI TECHNOLOGIES CO., LTD. (72) LIU, Qing DENG, Shaogang CHEN, Wei
(73) Samsung Electronics Co., Ltd. (72) LEE, Youngju OH, Jungsuek KO, Seungtae	(11) EP3471197	(31) 201810481642
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(51) H01Q 1/24 H01Q 21/06 H01Q 21/28	(73) Infineon Technologies AG (72) Trotta, Saverio Baheti, Ashutosh	(51) H01Q 3/24 H01Q 9/18 H01Q 9/32 H01Q 15/14 H01Q 19/10 H01Q 19/17 H01Q 21/20 H01Q 21/30 H01Q 25/00 H01Q 5/371 H01Q 5/385 H01Q 5/49
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(73) Samsung Electronics Co., Ltd. (72) PARK, Sehyun LEE, Jonghyuck CHUN, Jaebong	(51) H01Q 1/42 B64D 45/00 B64C 1/38	(31) 107110309 (32) 26.03.2018 (33) Taiwan, Chinese Taipei
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(73) Samsung Electronics Co., Ltd. (72) BROYDE, Frederic CLAVELIER, Evelyne	(51) H01Q 1/48 H01Q 1/28 H01Q 9/04 H01Q 15/16 H01Q 19/10	(51) H01Q 5/328 H01Q 9/04 H01Q 5/392 H01Q 1/24
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(73) ArianeGroup SAS (72) KERKOUR, Gaelle KALCHMAN, Laurent LEBORGNE, Florian	(51) H01Q 1/48 H01Q 9/32 H01Q 5/307 H01Q 19/02 H01Q 5/392 H01Q 1/32	(31) 201662410933 P (32) 21.10.2016
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(73) Marelli Automotive Lighting Reutlingen	(54) CONNECTOR	WITH MULTIPLE CONNECTIONS FOR
(Germany) GmbH	(73) Yazaki Corporation	RELATIVELY MOVING PARTS OF A
(72) Fiedler, Frank	(72) Okamoto, Masaya	WORKING MACHINE, A USE OF A
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AN ELECTRIC WORK MACHINE	(87) IB2018001171	(22) 12.01.2021
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Kolb, Joachim	(54) CONNECTOR WIRE DRESS COVER	(72) HIERZER, Andreas
Nordmann, Alexander	FOR ROBOTIC INSTALLATION	(31) 102020202900
Luz, Jochen	(73) Aptiv Technologies Limited	(32) 06.03.2020
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(54) CONNECTOR	(72) Eder, Albert	(72) LEE, Yong Gyeong
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(51) H01S 5/11	(73) Sony Group Corporation	SCHEIDT, Frédéric
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(33) Japan	(73) Canon Kabushiki Kaisha	(51) H04N 9/64
(51) H04N 1/387	(72) MATSUSHITA, Akihiro	H04N 19/80
G06T 1/00	FUJII, Kenichi	H04N 19/59
G06T 5/50	MORISAWA, Keisuke	(11) EP3080985
G06T 3/40	TANAKA, Katsumasa	(21) EP14825514.4
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(21) EP17720098.7	ZHAO, Zhijie	H04N 21/422
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(72) OKAWA, Koji	TREE TYPES	SYSTEM, COMPUTER DEVICE, AND
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	(73) Nokia Technologies Oy	

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H04N 23/69	LARSON, Christian Palmer	(73) Sony Group Corporation
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H04N 9/82	(54) METHOD OF OPERATING A LEAKY INTEGRATOR, LEAKY INTEGRATOR AND APPARATUS COMPRISING A LEAKY INTEGRATOR	G10K 11/178
G01J 1/00	(73) STMicroelectronics (Research & Development) Limited	H04R 29/00
G11B 27/031	(72) STEWART, Brian	(11) EP3449641
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SILAEV, Alexander Gennadevich
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Contains data concerning European patents granted for The Netherlands in which a translation was filed confirm Article 52 par. 1 or 6 of the Patents Act 1995.

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Steel, Ltd.)	(72) LIN, Cheng-Chimr	(72) Palacios Tomas, Daniel
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SUGANO, Keiji	(33) Germany	VILLANUEVA VALERO, Beatriz
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(73) Emerson Process Management Valve	(74) ir. A. Blokland c.s.	Gross, Simon
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(21) 300551	(22) 18.12.2015	(22) 02.05.2023
(22) 31.10.2012	(11) 300784	(11) 301230
(11) 300551	(73) Omeros Corporation	(73) Agios Pharmaceuticals, Inc.
(73) Seagen Inc.	(74) ir. M.F.J.M. Ketelaars c.s.	(74) ir. H.A. Witmans c.s.
(74) ir. A. Blokland c.s.	(68) EP1534313	(68) EP2448582
(68) EP1545613	(54) OPHTHALMOLOGIC IRRIGATION SOLUTIONS AND METHOD.	(54) QUINOLINE-8-SULFONAMIDE DERIVATIVES HAVING AN ANTICANCER ACTIVITY
(54) AURISTATIN CONJUGATES AND THEIR USE FOR TREATING CANCER, AN AUTOIMMUNE DISEASE OR AN INFECTIOUS DISEASE.	(94) 29.07.2028	(94) 28.06.2035
(94) 29.10.2027	(95) Ketorolac, of het trometamolzout ervan, en fenylefrine, of het hydrochloridezout ervan	(95) Mitapivat, dan wel een farmaceutisch aanvaardbaar zout daarvan, in het bijzonder mitapivatsulfaat
(95) Brentuximab Vedotin	(93) EU/1/15/1018 30.07.2015	(93) EU/1/22/1662 10.11.2022
(93) EU/1/12/794/001 30.10.2012	(47) 16.05.2022	(47) 26.07.2023
(47) 27.06.2013	(21) 301047	(21) 301234
(21) 300718	(22) 18.06.2020	(22) 08.06.2023
(22) 25.07.2023	(11) 301047	(11) 301234
(11) 300718	(73) Helsinn Healthcare SA	(73) Shire Human Genetic Therapies, Inc.
(71) ELI LILLY AND COMPANY	(74) ir. M.F.J.M. Ketelaars c.s.	(74) ir. H.A. Witmans c.s.
ELI LILLY AND COMPANY	(68) EP2785706	(68) EP2771003
(74) ir. J.C. Volmer c.s.	(54) SUBSTITUTED 4-PHENYL-PYRIDINES FOR THE TREATMENT OF NK-1 RECEPTOR RELATED DISEASES.	(54) BILE ACID RECYCLING INHIBITORS FOR TREATMENT OF PEDIATRIC CHOLESTATIC LIVER DISEASES
ir. J.C. Volmer c.s.	(94) 17.03.2035	(94) 25.10.2037
(68) EP1641823	(95) fosnetupitant, desgewenst in de vorm van een farmaceutisch aanvaardbaar zout, in het bijzonder fosnetupitantchloridehydrochloride	(95) maralixibat of een farmaceutisch aanvaardbaar zout daarvan, in het bijzonder maralixibatchloride
(54) GLP-1 ANALOG FUSION PROTEINS	(93) EU/1/15/1001 18.03.2020	(93) EU/1/22/1704 12.12.2022
(94) 1826	(47) 01.08.2023	(47) 26.07.2023
(95) Dulaglutide.	(21) 301223	(21) 301237
(93) EU/1/14/956 21.11.2014	(22) 08.03.2023	(22) 10.07.2023
(21) 300718	(11) 301223	(11) 301237
(22) 25.07.2023	(73) The Government of The United States of America as represented by The Secretary of The Department of Health and Human Services	(73) Wyeth LLC
(11) 300718	Takeda Vaccines, Inc.	(74) ir. F.A. Geurts c.s.
(73) ELI LILLY AND COMPANY	(74) ir. H.A. Witmans c.s.	(68) EP3000467
ELI LILLY AND COMPANY	(68) EP3689374	(54) TREATMENT REGIMEN UTILIZING NERATINIB FOR BREAST CANCER
(74) ir. J.C. Volmer c.s.	(54) COMPOSITIONS AND METHODS FOR DENGUE VIRUS CHIMERIC CONSTRUCTS IN VACCINES	(94) 03.09.2033
ir. J.C. Volmer c.s.	(94) 05.12.2037	(95) neratinib
(68) EP1641823		(93) EU/1/18/1311 04.09.2018
(54) GLP-1 ANALOG FUSION PROTEINS		(47) 26.07.2023
(94) 09.12.2029		(21) 301239
(95) Dulaglutide.		(22) 26.07.2023
(93) EU/1/14/956 21.11.2014		
(47) 27.07.2023		
(21) 300782		
(22) 30.06.2023		
(11) 300782		

-
- (11) 301239
(74) B. Berghuis van Woortman
(68) EP3581650
(54) FACTOR IX POLYPEPTIDE MUTANT,
ITS USES AND A METHOD FOR ITS
PRODUCTION
(95) etranacogene dezaparvovec (an adeno-
associated viral vector containing a
codon-optimized Padua derivative of
human coagulation factor IX gene for the
treatment of hemophilia B)
-
- (21) 301240
(22) 28.07.2023
(11) 301240
(74) dr. R.C. van Duijvenbode c.s.
(68) EP2620450
(54) Anti-CTLA-4 antibody compositions
(94) 1826
(95) Tremelimumab
(93) EU/1/22/1712 21.02.2023
-

VB1

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

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

(11) EP3240655
(51) B24D 3/02
B24D 3/06
B24D 3/20
(00) 39/22
28.09.2022

(11) EP3382582
(51) G06F 30/20
G06T 19/20
(00) 39/22
28.09.2022

(11) EP3565791
(51) C03C 17/34
(00) 38/22
21.09.2022

(11) EP3730044
(51) A61B 5/00
A61B 5/145
A61B 5/1486
A61M 5/158
(00) 52/21
29.12.2021

(11) EP3730045
(51) A61B 5/00
A61B 5/0205
A61B 5/145
A61M 5/158
A61M 5/172
A61M 5/32
(00) 12/22
23.03.2022

(11) EP3775125
(51) C11D 1/825
C11D 1/83
C11D 1/94
A61K 8/60
A61Q 19/10
C11D 1/66
(00) 39/22
28.09.2022

(11) EP3793802
(51) B29C 49/42
B29C 49/06
B29L 31/00
(00) 39/22
28.09.2022

VB2

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

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

(11) EP2220689	(00) 47/19 20.11.2019
(51) H01L 31/18	(11) EP3449247
H01L 31/068	(51) G01N 15/06
H01L 31/0216	G01N 33/00
(00) 30/19	C12Q 1/6823
24.07.2019	(00) 01/22
(11) EP2377493	05.01.2022
(51) A61F 2/16	(00) 27.07.2023
(00) 24/16	(00) Positive
15.06.2016	(11) EP3456641
(11) EP2643401	(51) B65B 9/04
(51) B60C 1/00	B65B 47/00
C08K 5/00	B65B 47/02
C08L 9/06	B65B 47/08
(00) 33/21	B65B 47/10
18.08.2021	(11) EP3478806
(11) EP2729525	(51) C09F 7/04
(51) C08J 5/18	C10G 32/02
C08L 23/04	C10G 71/02
C08L 23/08	C10M 101/04
(00) 33/20	C10M 171/02
12.08.2020	C10M 171/04
(11) EP2986589	C11B 3/00
(51) C07C 45/75	(11) EP3478807
C07C 67/39	(51) A61K 8/92
(11) EP3014064	A61Q 19/00
(51) E21B 47/10	C09F 7/04
(11) EP3136476	C10G 32/02
(51) H01M 4/04	C10G 71/02
H01M 4/16	C10M 101/04
H01M 4/76	C10M 171/02
H01M 10/06	C11B 3/00
(11) EP3143920	(11) EP3488154
(51) A47L 15/00	(51) F24D 10/00
A47L 15/42	F24D 19/10
(00) 12/19	F24F 5/00
20.03.2019	F24F 11/83
(11) EP3164512	(11) EP3877316
(51) C21D 1/18	(51) B66F 9/075
C21D 1/19	(00) 14/23
C21D 8/02	05.04.2023
C21D 9/46	(00) 01.08.2023
(00) 29/19	(00) Negative
17.07.2019	
(11) EP3242812	
(51) B60Q 1/068	
B60Q 1/076	
F16B 41/00	
(11) EP3380530	
(51) C08B 37/16	
C08L 5/16	
(11) EP3380530	
(51) C08B 37/16	
C08L 5/16	
(11) EP3402108	
(51) H04L 1/16	

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

(11) 2013388	H02K 21/24	(11) 2025308
(00) 14.07.2023	(00) Removed	(00) 20.07.2023
(51) E03B 7/00	(11) 2022216	(51) B60K 7/00
E03B 7/07	(00) 20.07.2023	B60K 11/06
F16K 3/02	(51) B60J 10/244	(00) Removed
F16K 3/312	B60J 10/25	(11) 2025893
F16L 55/105	B60J 10/50	(00) 20.07.2023
(00) New licence registration	B60J 10/72	(51) H02K 9/06
(11) 2021063	B60R 13/07	H02K 1/27
(00) 20.07.2023	B60S 1/04	(00) Removed
(51) H02J 7/00	B62D 25/24	(11) 2025910
(00) Removed	(00) Removed	(00) 20.07.2023
(11) 2021103	(11) 2022638	(51) F16D 55/22
(00) 20.07.2023	(00) 20.07.2023	F16D 65/54
(51) B60K 7/00	(51) H02S 50/00	(00) Removed
G01M 1/04	(00) Removed	(11) 2025974
G01M 1/22	(11) 2023114	(00) 20.07.2023
G01M 17/02	(00) 20.07.2023	(51) B60H 1/00
(00) Removed	(51) B60L 1/00	B60H 1/24
(11) 2021173	B60L 8/00	B60H 1/26
(00) 20.07.2023	(00) Removed	(00) Removed
(51) B60L 8/00	(11) 2023557	(11) 2026146
(00) Removed	(00) 20.07.2023	(00) 20.07.2023
(11) 2021283	(51) H03G 1/00	(51) B60R 11/02
(00) 20.07.2023	H03G 3/30	(00) Removed
(51) B60K 7/00	(00) New licence registration	(11) 2026389
B60K 17/30	(11) 2023637	(00) 20.07.2023
H02K 9/00	(00) 20.07.2023	(51) H01L 31/0224
(00) Removed	(51) B60K 16/00	H01L 31/048
(11) 2021504	B60L 8/00	H01L 31/05
(00) 20.07.2023	(00) Removed	H01L 31/18
(51) B60L 50/00	(11) 2023641	(00) Removed
B65D 25/00	(00) 20.07.2023	(11) 2026470
(00) Removed	(51) H02K 7/08	(00) 20.07.2023
(11) 2021554	H02K 16/02	(51) B60R 19/18
(00) 20.07.2023	H02K 21/24	B60R 19/34
(51) B60K 7/00	(00) Removed	(00) Removed
(00) Removed	(11) 2023851	(11) 2026667
(11) 2021633	(00) 20.07.2023	(00) 20.07.2023
(00) 20.07.2023	(51) H01L 31/048	(51) H01F 21/06
(51) H02S 50/00	(00) Removed	H01F 29/10
(00) Removed	(11) 2024173	(00) Removed
(11) 2021711	(00) 20.07.2023	(11) 2026816
(00) 20.07.2023	(51) F16C 39/02	(00) 20.07.2023
(51) H01L 31/048	H02K 1/27	(51) B60K 7/00
(00) Removed	(00) Removed	(00) Removed
(11) 2021850	(11) 2024835	(11) 2026972
(00) 20.07.2023	(00) 20.07.2023	(00) 20.07.2023
(51) B60B 7/20	(51) B60K 7/00	(51) H01L 31/048
(00) Removed	(00) Removed	H01L 31/049
(11) 2022023	(11) 2024940	(00) Removed
(00) 20.07.2023	(00) 20.07.2023	(11) 2027025
(51) B60L 8/00	(51) H01L 31/0352	(00) 20.07.2023
H02S 40/42	H01L 31/042	(51) B60L 58/20
(00) Removed	(00) Removed	(00) Removed
(11) 2022078	(11) 2025144	(11) 2027099
(00) 20.07.2023	(00) 20.07.2023	(00) 20.07.2023
(51) H02K 1/27	(51) B60R 21/013	(51) B60H 1/00
H02K 1/30	B60R 21/34	(00) Removed
H02K 7/14	B60R 21/38	(11) 2027170
	(00) Removed	(00) 21.07.2023

(51) H03K 3/033	(00) Removed	(51) C07C 45/60
H03K 5/00	(11) 2028583	C07F 9/46
H03K 5/05	(00) 20.07.2023	C07F 9/58
H03K 5/06	(51) B60H 1/00	C07F 9/6568
(00) New licence registration	B60H 1/03	C07F 9/6571
(11) 2027232	(00) Removed	C07F 9/6584
(00) 21.07.2023	(11) 2028585	C07F 15/00
(51) H03K 5/19	(00) 20.07.2023	C07F 9/50
(00) New licence registration	(51) B60H 1/03	C07F 9/572
(11) 2027384	B60H 1/32	C07C 45/50
(00) 20.07.2023	(00) Removed	(11) EP2417861
(51) B60L 8/00	(11) 2028586	(51) A24C 5/18
B60L 58/20	(00) 20.07.2023	(11) EP2490818
(00) Removed	(51) B60H 1/00	(00) 20.07.2023
(11) 2027572	B60H 1/03	(51) B01D 17/02
(00) 20.07.2023	(00) Removed	B01D 19/00
(51) H01L 31/04	(11) 2028587	B04C 5/13
H01L 31/05	(00) 20.07.2023	(00) Established
(00) Removed	(51) B60H 1/03	(11) EP2517557
(11) 2027830	(00) Removed	(51) A01K 67/027
(00) 20.07.2023	(11) 2029862	C07K 16/00
(51) B60R 13/08	(00) 20.07.2023	C07K 16/46
B62D 25/18	(51) B60R 16/037	C12N 15/85
B62D 35/02	B60Q 3/18	(11) EP2603303
(00) Removed	B60Q 3/62	(00) 20.07.2023
(11) 2028006	B60Q 3/74	(51) B01D 45/16
(00) 20.07.2023	B60Q 3/80	B04C 3/06
(51) H01L 31/048	(00) Removed	B04C 5/107
B32B 37/14	(11) 2029963	B04C 5/181
H01L 31/049	(00) 20.07.2023	(00) Established
H01L 31/05	(51) B60T 17/22	(11) EP2733039
(00) Removed	B60T 8/90	(51) B61D 17/10
(11) 2028141	B60T 8/96	(11) EP2742382
(00) 20.07.2023	(00) Removed	(51) G01N 21/64
(51) G01L 5/28	(11) 2029964	G02B 21/16
B60T 8/171	(00) 20.07.2023	G02B 21/18
F16D 66/00	(51) B60T 13/66	G02B 27/14
(00) Removed	(00) Removed	(11) EP2895437
(11) 2028545	(11) 2030125	(51) C04B 22/06
(00) 20.07.2023	(00) 20.07.2023	C01F 11/02
(51) H01L 31/0224	(51) H01L 31/0224	C04B 2/04
H01L 31/048	H01L 31/049	C09C 1/02
H01L 31/049	H01L 31/05	(11) EP2896756
(00) Removed	(00) Removed	(51) E03C 1/01
(11) 2028562	(11) 2030568	(11) EP2943264
(00) 20.07.2023	(00) 20.07.2023	(00) 20.07.2023
(51) B60L 1/00	(51) H02H 7/122	(51) B01D 45/16
B60L 8/00	H02H 1/00	B04C 3/06
B60L 50/52	(00) Removed	B04C 5/06
(00) Removed	(11) 2030569	B04C 5/103
(11) 2028565	(00) 20.07.2023	B04C 5/13
(00) 20.07.2023	(51) G01R 31/50	B04C 5/14
(51) B60T 7/00	B60L 53/20	(00) Established
B60T 8/17	B60L 53/14	(11) EP2994211
(00) Removed	(00) Removed	(00) 20.07.2023
(11) 2028567	(11) 2031534	(51) B01D 21/24
(00) 20.07.2023	(00) 20.07.2023	B65D 88/72
(51) H02M 1/00	(51) B60L 1/00	B65G 53/16
H02J 3/38	B60L 8/00	B65G 53/30
H02M 3/158	B60L 50/52	(00) Established
H02M 3/335	B60L 58/20	(11) EP3054784
B60L 8/00	B60K 16/00	(51) A61P 29/00
B60L 50/60	G06K 19/07	A61P 31/04
(00) Removed	H02J 1/10	A23K 20/158
(11) 2028582	B60L 50/60	A23K 50/10
(00) 20.07.2023	(00) Removed	A23K 50/60
(51) B60H 1/03	(11) EP1960409	A61P 31/00

(11) EP3280682
(00) 20.07.2023
(51) C02F 1/24
(00) Established

(11) EP3308744
(51) A61F 2/24
A61F 2/848

(11) EP3338750
(51) A61F 13/532
A61F 13/535
A61F 13/537

(11) EP3343123
(51) F24F 13/14
F24F 13/06
G05D 7/06
F24F 11/00
F24F 110/30
F24F 140/60

(11) EP3401269
(51) B66C 23/68
B66C 23/62
B66C 23/00

(11) EP3419837
(51) B60B 35/00
B60B 35/04

(11) EP3483431
(51) F03D 13/25
E02B 17/00

(11) EP3695585
(51) H04L 29/08
F24F 11/30
G01D 4/00

(11) EP3944325
(51) H10B 61/00
H10N 50/10
H10N 50/80
H10N 50/85
G11C 11/16

VRV

**Verval of nietigverklaring.
Contains data concerning lapse or annulment.**

(11) 1024953	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1042186	(11) 1043511
(00) NP lapsed	(00) 01.01.2023	(00) 01.01.2023
(11) 1024954	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1042190	(11) 1043514
(00) NP lapsed	(00) 01.01.2023	(00) 01.01.2023
(11) 1027705	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1042199	(11) 1043515
(00) NP lapsed	(00) 01.01.2023	(00) 01.01.2023
(11) 1027867	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1042202	(11) 1043517
(00) NP lapsed	(00) 01.01.2023	(00) 01.01.2023
(11) 1027868	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1042203	(11) 1043518
(00) NP lapsed	(00) 01.01.2023	(00) 01.01.2023
(11) 1027908	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1042209	(11) 1043519
(00) NP lapsed	(00) 01.01.2023	(00) 01.01.2023
(11) 1030567	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1042210	(11) 1043525
(00) NP lapsed	(00) 01.01.2023	(00) 01.01.2023
(11) 1030634	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1043091	(11) 2002267
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(11) 1033031	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1043092	(11) 2002290
(00) NP lapsed	(00) 01.01.2023	(00) 01.01.2023
(11) 1034823	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1043094	(11) 2002373
(00) NP lapsed	(00) 01.01.2023	(00) 01.01.2023
(11) 1036343	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1043096	(11) 2002375
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(11) 1038424	(00) NP lapsed	(00) NP lapsed
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(11) 1039930	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1043110	(11) 2003998
(00) NP lapsed	(00) 01.01.2023	(00) 01.01.2023
(11) 1039982	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1043111	(11) 2005834
(00) NP lapsed	(00) 01.01.2023	(00) 01.01.2023
(11) 1041096	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1043112	(11) 2005837
(00) NP lapsed	(00) 01.01.2023	(00) 01.01.2023
(11) 1041102	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1043113	(11) 2005839
(00) NP lapsed	(00) 01.01.2023	(00) 01.01.2023
(11) 1041121	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1043493	(11) 2005911
(00) NP lapsed	(00) 01.01.2023	(00) 01.01.2023
(11) 1041609	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1043498	(11) 2005943
(00) NP lapsed	(00) 01.01.2023	(00) 01.01.2023
(11) 1041639	(00) NP lapsed	(00) NP lapsed
(00) 01.01.2023	(11) 1043504	(11) 2007935
	(00) 01.01.2023	(00) 01.01.2023

(00) NP lapsed	(00) NP lapsed	(00) NP lapsed
(11) 2007959	(11) 2015953	(11) 2020057
(00) 01.01.2023	(00) 01.01.2023	(00) 01.01.2023
(00) NP lapsed	(00) NP lapsed	(00) NP lapsed
(11) 2007968	(11) 2015971	(11) 2020064
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(11) EP3339806	(11) EP3360781	(11) EP3382377
(00) 01.01.2023	(00) 29.03.2023	(00) 29.03.2023
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(11) EP3339906	(11) EP3360801	(11) EP3383313

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(11) EP3383537	(11) EP3387698	(11) EP3392108
(00) 01.01.2023	(00) 29.03.2023	(00) 01.01.2023
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(11) EP3383585	(11) EP3387742	(11) EP3392739
(00) 29.03.2023	(00) 01.01.2023	(00) 01.01.2023
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(11) EP3383623	(11) EP3387754	(11) EP3392905
(00) 01.01.2023	(00) 01.01.2023	(00) 01.01.2023
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(11) EP3383834	(11) EP3388548	(11) EP3393192
(00) 01.01.2023	(00) 01.01.2023	(00) 01.01.2023
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(11) EP3384426	(11) EP3388549	(11) EP3393274
(00) 29.03.2023	(00) 01.01.2023	(00) 01.01.2023
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(11) EP3384505	(11) EP3388821	(11) EP3393384
(00) 01.01.2023	(00) 29.03.2023	(00) 01.01.2023
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(11) EP3384508	(11) EP3388856	(11) EP3393657
(00) 01.01.2023	(00) 01.01.2023	(00) 01.01.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3384867	(11) EP3389379	(11) EP3393753
(00) 01.01.2023	(00) 01.01.2023	(00) 01.01.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3385458	(11) EP3389388	(11) EP3393919
(00) 29.03.2023	(00) 01.01.2023	(00) 01.01.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3386323	(11) EP3389400	(11) EP3393922
(00) 01.01.2023	(00) 01.01.2023	(00) 01.01.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3386344	(11) EP3389547	(11) EP3393985
(00) 01.01.2023	(00) 01.01.2023	(00) 01.01.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3386486	(11) EP3390311	(11) EP3394991
(00) 01.01.2023	(00) 01.01.2023	(00) 01.01.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3386718	(11) EP3390470	(11) EP3395044
(00) 01.01.2023	(00) 01.01.2023	(00) 01.01.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3386800	(11) EP3390533	(11) EP3395871
(00) 29.03.2023	(00) 01.01.2023	(00) 01.01.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3386875	(11) EP3390589	(11) EP3396225
(00) 01.01.2023	(00) 01.01.2023	(00) 01.01.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3386877	(11) EP3390622	(11) EP3396899
(00) 01.01.2023	(00) 01.01.2023	(00) 01.01.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3387050	(11) EP3390871	(11) EP3397484
(00) 01.01.2023	(00) 01.01.2023	(00) 01.01.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3387172	(11) EP3390911	(11) EP3397503
(00) 01.01.2023	(00) 01.01.2023	(00) 01.01.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3387401	(11) EP3391123	(11) EP3397542
(00) 29.03.2023	(00) 01.01.2023	(00) 01.01.2023
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(11) EP3387462	(11) EP3391124	(11) EP3397573
(00) 29.03.2023	(00) 01.01.2023	(00) 01.01.2023
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(11) EP3387506	(11) EP3391456	(11) EP3397668
(00) 01.01.2023	(00) 01.01.2023	(00) 01.01.2023
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(11) EP3387581	(11) EP3391462	(11) EP3398000

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(11) EP3398273	(11) EP3411553	(11) EP3432392
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(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3398380	(11) EP3411642	(11) EP3432482
(00) 29.03.2023	(00) 29.03.2023	(00) 29.03.2023
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(11) EP3399504	(11) EP3411948	(11) EP3432776
(00) 29.03.2023	(00) 29.03.2023	(00) 29.03.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3399677	(11) EP3412862	(11) EP3435187
(00) 01.01.2023	(00) 01.01.2023	(00) 29.03.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3400341	(11) EP3414005	(11) EP3436601
(00) 29.03.2023	(00) 29.03.2023	(00) 29.03.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3400449	(11) EP3414366	(11) EP3436833
(00) 29.03.2023	(00) 29.03.2023	(00) 29.03.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3400490	(11) EP3415912	(11) EP3438116
(00) 29.03.2023	(00) 29.03.2023	(00) 25.03.2023
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(11) EP3400613	(11) EP3417098	(11) EP3439173
(00) 29.03.2023	(00) 01.01.2023	(00) 29.03.2023
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(11) EP3401213	(11) EP3418022	(11) EP3440835
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(11) EP3401681	(11) EP3418430	(11) EP3443962
(00) 29.03.2023	(00) 29.03.2023	(00) 29.03.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3402488	(11) EP3418722	(11) EP3444557
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(11) EP3546710	(11) EP3553204	(11) EP3558710
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(11) EP3548505	(11) EP3554826	(11) EP3558840
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(11) EP3548929	(11) EP3554965	(11) EP3558949
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(11) EP3550707	(11) EP3555172	(11) EP3559562
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(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3551179	(11) EP3555222	(11) EP3559748
(00) 29.03.2023	(00) 29.03.2023	(00) 29.03.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3551336	(11) EP3555506	(11) EP3560255
(00) 01.01.2023	(00) 29.03.2023	(00) 01.01.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3551624	(11) EP3555507	(11) EP3560384
(00) 01.01.2023	(00) 29.03.2023	(00) 29.03.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3551683	(11) EP3555645	(11) EP3560910
(00) 01.01.2023	(00) 29.03.2023	(00) 29.03.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3551684	(11) EP3556332	(11) EP3561320
(00) 29.03.2023	(00) 01.01.2023	(00) 29.03.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3551806	(11) EP3556719	(11) EP3561434
(00) 01.01.2023	(00) 29.03.2023	(00) 29.03.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3551839	(11) EP3557869	(11) EP3562023
(00) 01.01.2023	(00) 29.03.2023	(00) 29.03.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3551843	(11) EP3558016	(11) EP3562887
(00) 29.03.2023	(00) 01.01.2023	(00) 29.03.2023
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(11) EP3551868	(11) EP3558017	(11) EP3563024
(00) 29.03.2023	(00) 01.01.2023	(00) 01.01.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3552032	(11) EP3558018	(11) EP3563026
(00) 29.03.2023	(00) 01.01.2023	(00) 29.03.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3552314	(11) EP3558256	(11) EP3563077
(00) 29.03.2023	(00) 29.03.2023	(00) 01.01.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3552955	(11) EP3558471	(11) EP3563116
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(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3553008	(11) EP3558603	(11) EP3563746

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(11) EP3563977	(11) EP3574178	(11) EP3586946
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(11) EP3564149	(11) EP3574507	(11) EP3587692
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(11) EP3564832	(11) EP3575456	(11) EP3587780
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(11) EP3565461	(11) EP3576315	(11) EP3588030
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(11) EP3565955	(11) EP3576536	(11) EP3588041
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(11) EP3567300	(11) EP3577465	(11) EP3590497
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(11) EP3567613	(11) EP3578426	(11) EP3590583
(00) 29.03.2023	(00) 29.03.2023	(00) 29.03.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3568608	(11) EP3578435	(11) EP3590640
(00) 29.03.2023	(00) 29.03.2023	(00) 29.03.2023
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(11) EP3568654	(11) EP3578471	(11) EP3591203
(00) 29.03.2023	(00) 29.03.2023	(00) 29.03.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3569000	(11) EP3579015	(11) EP3591535
(00) 29.03.2023	(00) 29.03.2023	(00) 29.03.2023
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(11) EP3569072	(11) EP3579583	(11) EP3591672
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(11) EP3569076	(11) EP3580074	(11) EP3593192
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(11) EP3569428	(11) EP3580608	(11) EP3593653
(00) 29.03.2023	(00) 29.03.2023	(00) 29.03.2023
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(11) EP3570424	(11) EP3581006	(11) EP3593880
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(11) EP3571189	(11) EP3581827	(11) EP3594832
(00) 29.03.2023	(00) 29.03.2023	(00) 29.03.2023
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(11) EP3571267	(11) EP3582481	(11) EP3595036
(00) 29.03.2023	(00) 29.03.2023	(00) 29.03.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3571403	(11) EP3584161	(11) EP3597498
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(11) EP3573118	(11) EP3584843	(11) EP3598019
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(11) EP3573571	(11) EP3584880	(11) EP3598104
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(11) EP3573787	(11) EP3585041	(11) EP3599662
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(11) EP3574151	(11) EP3585881	(11) EP3600573
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(11) EP3574174	(11) EP3586228	(11) EP3603427

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(11) EP3605573	(11) EP3617328	(11) EP3628755
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(11) EP3605865	(11) EP3617448	(11) EP3629040
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(11) EP3605991	(11) EP3617821	(11) EP3630246
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(11) EP3606098	(11) EP3618129	(11) EP3630483
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(11) EP3606375	(11) EP3618893	(11) EP3631307
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(11) EP3606658	(11) EP3618931	(11) EP3631618
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(11) EP3607186	(11) EP3619765	(11) EP3631938
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(11) EP3607931	(11) EP3619775	(11) EP3632218
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(11) EP3608495	(11) EP3620125	(11) EP3632251
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(11) EP3610116	(11) EP3620492	(11) EP3632690
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(11) EP3610358	(11) EP3621065	(11) EP3633290
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(11) EP3611075	(11) EP3621384	(11) EP3633351
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(11) EP3611160	(11) EP3621673	(11) EP3633388
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(11) EP3612490	(11) EP3622327	(11) EP3635416
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(11) EP3613939	(11) EP3624151	(11) EP3636575
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(11) EP3615351	(11) EP3624513	(11) EP3636823
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(11) EP3616064	(11) EP3625139	(11) EP3636941
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(11) EP3616413	(11) EP3625416	(11) EP3637081
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(11) EP3616595	(11) EP3626074	(11) EP3637091
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(11) EP3616865	(11) EP3626217	(11) EP3637626
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(11) EP3617293	(11) EP3627717	(11) EP3637687

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(11) EP3639478	(11) EP3647991	(11) EP3658531
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(11) EP3640309	(11) EP3648181	(11) EP3658890
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(11) EP3640652	(11) EP3649190	(11) EP3659303
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(11) EP3643556	(11) EP3650200	(11) EP3660605
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(11) EP3644050	(11) EP3650204	(11) EP3661014
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(11) EP3644445	(11) EP3650369	(11) EP3663015
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(11) EP3644660	(11) EP3651439	(11) EP3663149
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(11) EP3647116	(11) EP3655679	(11) EP3668172
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(11) EP3647137	(11) EP3656830	(11) EP3670230
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(11) EP3670422	(11) EP3682687	(11) EP3693098
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(11) EP3670911	(11) EP3683401	(11) EP3693174
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(11) EP3671228	(11) EP3685235	(11) EP3693665
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(11) EP3674155	(11) EP3687083	(11) EP3694031
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(11) EP3674438	(11) EP3687437	(11) EP3695282
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(11) EP3674443	(11) EP3688454	(11) EP3695490
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(11) EP3674650	(11) EP3689638	(11) EP3696137
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(11) EP3674651	(11) EP3689664	(11) EP3696372
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(11) EP3676056	(11) EP3690108	(11) EP3696378
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(11) EP3677991	(11) EP3690109	(11) EP3696535
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(11) EP3678181	(11) EP3691201	(11) EP3697117
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(11) EP3679733	(11) EP3691742	(11) EP3697543
(00) 29.03.2023	(00) 29.03.2023	(00) 29.03.2023
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(11) EP3681075	(11) EP3691971	(11) EP3698033
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(11) EP3682200	(11) EP3692377	(11) EP3699000

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(11) EP3699402	(11) EP3710211	(11) EP3721765
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(11) EP3699548	(11) EP3710811	(11) EP3722238
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(11) EP3701372	(11) EP3711694	(11) EP3722853
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(11) EP3701470	(11) EP3712208	(11) EP3723267
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(11) EP3702103	(11) EP3713289	(11) EP3723665
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(11) EP3702247	(11) EP3714166	(11) EP3724090
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(11) EP3704814	(11) EP3716747	(11) EP3725005
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(11) EP3704833	(11) EP3718684	(11) EP3725040
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(11) EP3705029	(11) EP3719256	(11) EP3726045
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(11) EP3705750	(11) EP3719394	(11) EP3726365
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(11) EP3706353	(11) EP3719481	(11) EP3726767
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(11) EP3707047	(11) EP3721024	(11) EP3726865
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(11) EP3707379	(11) EP3721438	(11) EP3726963
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(11) EP3727878	(11) EP3736053	(11) EP3746185
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(11) EP3828452	(11) EP3841620	(11) EP3860176
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(11) EP3871557	(11) EP3893519	(11) EP3909810
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(11) EP3875621	(11) EP3894719	(11) EP3913018
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(11) EP3875985	(11) EP3895312	(11) EP3915743
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(11) EP4012843	(11) EP4071103
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(11) EP4017659	(11) EP4071492
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(11) EP4018068	(11) EP4074002
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(11) EP4023197	(11) EP4096830
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(11) EP4055314	

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

(11) 2030182
(48) 02.08.2023
(00) Correction Town
(51) A01G 24/25

(11) 2032899
(48) 02.08.2023
(00) Correction Inventor details
(51) E06B 7/20

(11) EP3209381
(00) 17.03.2023
(00) Proceedings Interruption: Legal
prevention (Rule 142(1)(b))
(51) A23C 9/152
 A61K 9/19
 A61K 31/00
 A61K 39/00
 A61K 39/08
 A61P 29/00
 A61K 35/74
 A23L 33/135

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) KZ Projecten B.V.	B60G 7/00	(11) EP3169576
(73) KZ Projecten B.V.	B60G 15/06	(00) 24.07.2023
(11) 2013388	(00) Change of owner(s) name	(51) B60G 3/14
(00) 14.07.2023	(71) Fluence Energy LLC	B60G 7/02
(51) E03B 7/00	(73) Fluence Energy LLC	B62D 21/02
E03B 7/07	(11) EP2351189	B62D 21/06
F16K 3/02	(00) 21.07.2023	B62D 23/00
F16K 3/312	(51) H02J 3/32	B62D 29/00
F16L 55/105	(00) Assignment	(00) Change of owner(s) name
(00) Assignment	(71) GORDON MURRAY TECHNOLOGIES LIMITED	(71) Lightyear IPCo B.V.
(71) TENDEKA B.V.	(73) GORDON MURRAY TECHNOLOGIES LIMITED	(73) Lightyear IPCo B.V.
(73) TENDEKA B.V.	(11) EP1792049	(11) 2021283
(11) EP1792049	(00) 19.07.2023	(00) 20.07.2023
(00) 19.07.2023	(51) E21B 43/08	(51) B60K 7/00
(51) E21B 43/08	(00) Assignment	B60K 17/30
(00) Assignment	(71) GORDON MURRAY TECHNOLOGIES LIMITED	H02K 9/00
(71) GORDON MURRAY TECHNOLOGIES LIMITED	(73) GORDON MURRAY TECHNOLOGIES LIMITED	(00) Assignment
(73) GORDON MURRAY TECHNOLOGIES LIMITED	(11) EP2445774	(71) SPL Powerlines Austria GmbH
(11) EP2445774	(00) 24.07.2023	Hammerer Aluminium Industries Extrusion GmbH
(00) 24.07.2023	(51) B62D 23/00	(73) Hammerer Aluminium Industries Extrusion GmbH
(51) B62D 23/00	B62D 29/00	SPL Powerlines Austria GmbH
B62D 29/00	B62D 29/04	(11) EP2718142
B62D 29/04	(00) Change of owner(s) name	(00) 13.07.2023
(00) Change of owner(s) name	(71) Karyopharm Therapeutics Inc.	(51) B60M 1/30
(71) GORDON MURRAY TECHNOLOGIES LIMITED	(73) Karyopharm Therapeutics Inc.	(00) Change of Legal Entity
(73) GORDON MURRAY TECHNOLOGIES LIMITED	(11) EP2736887	(71) ECO Biomass Technology Company Limited
(11) EP2736887	(00) 26.07.2023	Dalian University of Technology
(00) 26.07.2023	(51) A61K 31/4196	(73) ECO Biomass Technology Company Limited
(51) A61K 31/4196	A61K 31/4439	Dalian University of Technology
A61K 31/4439	A61K 31/454	(11) EP3026098
A61K 31/454	A61K 31/496	(00) 20.07.2023
A61K 31/496	A61K 31/497	(51) C10J 3/60
A61K 31/497	A61K 31/498	C10J 3/72
A61K 31/498	A61K 31/506	C10J 3/82
A61K 31/506	A61K 31/5377	(00) Assignment
A61K 31/5377	A61K 31/55	(71) Dalian University of Technology
A61K 31/55	A61P 27/02	Eco Environmental Energy Research Institute Limited
A61P 27/02	A61P 29/00	(73) ECO Biomass Technology Company Limited
A61P 29/00	A61P 31/12	Dalian University of Technology
A61P 31/12	A61P 35/00	(11) EP3026098
A61P 35/00	C07D 241/20	(00) 20.07.2023
C07D 241/20	C07D 249/08	(51) C10J 3/60
C07D 249/08	C07D 401/12	C10J 3/72
C07D 401/12	C07D 403/12	C10J 3/82
C07D 403/12	C07D 409/12	(00) Assignment
C07D 409/12	(00) Change of owner(s) name	(71) Dalian University of Technology
(00) Change of owner(s) name	(71) GORDON MURRAY TECHNOLOGIES LIMITED	Eco Environmental Energy Research Institute Limited
(71) GORDON MURRAY TECHNOLOGIES LIMITED	(73) GORDON MURRAY TECHNOLOGIES LIMITED	(73) ECO Biomass Technology Company Limited
(73) GORDON MURRAY TECHNOLOGIES LIMITED	(11) EP2872377	Dalian University of Technology
(11) EP2872377	(00) 24.07.2023	(11) EP3026098
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(51) B62D 23/00	B62D 27/02	(51) C10J 3/60
B62D 27/02	(00) Change of owner(s) name	C10J 3/72
(00) Change of owner(s) name	(71) Lightyear IPCo B.V.	C10J 3/82
(71) GORDON MURRAY TECHNOLOGIES LIMITED	(73) Lightyear IPCo B.V.	(00) Change of owner(s) name
(73) GORDON MURRAY TECHNOLOGIES LIMITED	(11) 2021063	(71) Lightyear Layer IPCo B.V.
(11) EP2578474	(00) 20.07.2023	(73) Lightyear Layer IPCo B.V.
(00) 20.07.2023	(51) H02J 7/00	(11) 2021633
(51) B62D 23/00	(00) Assignment	(00) 20.07.2023
(00) B62D 23/00	(71) GORDON MURRAY TECHNOLOGIES LIMITED	(51) H02S 50/00
(00) Change of owner(s) name	(73) GORDON MURRAY TECHNOLOGIES LIMITED	(00) Assignment
(71) GORDON MURRAY TECHNOLOGIES LIMITED	(11) EP2403727	(71) Fluence Energy LLC
(73) GORDON MURRAY TECHNOLOGIES LIMITED	(00) 24.07.2023	(73) Fluence Energy LLC
(11) EP2403727	(51) B60G 3/20	(11) EP2721710
(00) 24.07.2023		(00) 21.07.2023
(51) B60G 3/20		

(51) H02J 3/38	(00) 20.07.2023	(11) 2022078
H02J 7/00	(51) B60K 16/00	(00) 20.07.2023
H02J 7/34	B60L 8/00	(51) H02K 1/27
H02M 7/04	(00) Assignment	H02K 1/30
H02M 7/44	(71) GORDON MURRAY TECHNOLOGIES	H02K 7/14
H02M 7/68	LIMITED	H02K 21/24
(00) Assignment	(73) GORDON MURRAY TECHNOLOGIES	(00) Assignment
(71) Kleiberit SE & Co. KG	LIMITED	(71) Lightyear IPCo B.V.
(73) Kleiberit SE & Co. KG	(11) EP3094543	(73) Lightyear IPCo B.V.
(11) EP2654974	(00) 24.07.2023	(11) 2022216
(00) 19.07.2023	(51) B60J 5/04	(00) 20.07.2023
(51) B05D 1/30	B60R 19/42	(51) B60J 10/244
B05D 1/40	B62D 21/15	B60J 10/25
B05D 5/06	(00) Change of owner(s) name	B60J 10/50
B05D 7/00	(71) Lightyear Layer IPCo B.V.	B60J 10/72
B05D 7/06	(73) Lightyear Layer IPCo B.V.	B60R 13/07
C09D 5/00	(11) 2023851	B60S 1/04
(00) Change of Legal Entity	(00) 20.07.2023	B62D 25/24
(71) Lightyear IPCo B.V.	(51) H01L 31/048	(00) Assignment
(73) Lightyear IPCo B.V.	(00) Assignment	(71) Lightyear IPCo B.V.
(11) 2022638	(71) Lightyear IPCo B.V.	(73) Lightyear IPCo B.V.
(00) 20.07.2023	(73) Lightyear IPCo B.V.	(11) 2025308
(51) H02S 50/00	(11) 2021504	(00) 20.07.2023
(00) Assignment	(00) 20.07.2023	(51) B60K 7/00
(71) Tendeka B.V.	(51) B60L 50/00	B60K 11/06
(73) Tendeka B.V.	B65D 25/00	(00) Assignment
(11) EP3099892	(00) Assignment	(71) Lightyear IPCo B.V.
(00) 19.07.2023	(71) Lightyear IPCo B.V.	(73) Lightyear IPCo B.V.
(51) E21B 41/00	(73) Lightyear IPCo B.V.	(11) 2025974
E21B 43/12	(11) 2021554	(00) 20.07.2023
(00) Merge	(00) 20.07.2023	(51) B60H 1/00
(71) BioNTech SE	(51) B60K 7/00	B60H 1/24
(73) BioNTech SE	(00) Assignment	B60H 1/26
(11) EP2386557	(71) Lightyear IPCo B.V.	(00) Assignment
(00) 21.07.2023	(73) Lightyear IPCo B.V.	(71) GORDON MURRAY TECHNOLOGIES
(51) A61K 31/4353	(11) 2024173	LIMITED
A61P 31/12	(00) 20.07.2023	(73) GORDON MURRAY TECHNOLOGIES
A61P 35/00	(51) F16C 39/02	LIMITED
C07D 471/04	H02K 1/27	(11) EP3160829
C07D 471/14	(00) Assignment	(00) 24.07.2023
(00) Change of Legal Entity	(71) Lightyear IPCo B.V.	(51) B62D 23/00
(71) Fluence Energy LLC	(73) Lightyear IPCo B.V.	B62D 27/02
(73) Fluence Energy LLC	(11) 2024835	B62D 29/00
(11) EP3098926	(00) 20.07.2023	(00) Change of owner(s) name
(00) 21.07.2023	(51) B60K 7/00	(71) Lightyear IPCo B.V.
(51) H02J 3/14	(00) Assignment	(73) Lightyear IPCo B.V.
H02J 7/00	(71) Lightyear Layer IPCo B.V.	(11) 2026146
H04L 29/06	(73) Lightyear Layer IPCo B.V.	(00) 20.07.2023
(00) Assignment	(11) 2021711	(51) B60R 11/02
(71) Lightyear IPCo B.V.	(00) 20.07.2023	(00) Assignment
(73) Lightyear IPCo B.V.	(51) H01L 31/048	(71) Lightyear IPCo B.V.
(11) 2021103	(00) Assignment	(73) Lightyear IPCo B.V.
(00) 20.07.2023	(71) Lightyear IPCo B.V.	(11) 2023114
(51) B60K 7/00	(73) Lightyear IPCo B.V.	(00) 20.07.2023
G01M 1/04	(11) 2021850	(51) B60L 1/00
G01M 1/22	(00) 20.07.2023	B60L 8/00
G01M 17/02	(51) B60B 7/20	(00) Assignment
(00) Assignment	(00) Assignment	(71) Lightyear Layer IPCo B.V.
(71) Lightyear Layer IPCo B.V.	(71) Lightyear Layer IPCo B.V.	(73) Lightyear Layer IPCo B.V.
(73) Lightyear Layer IPCo B.V.	(73) Lightyear Layer IPCo B.V.	(11) 2026389
(11) 2021173	(11) 2022023	(00) 20.07.2023
(00) 20.07.2023	(00) 20.07.2023	(51) H01L 31/0224
(51) B60L 8/00	(51) B60L 8/00	H01L 31/048
(00) Assignment	H02S 40/42	H01L 31/05
(71) Lightyear Layer IPCo B.V.	(00) Assignment	H01L 31/18
(73) Lightyear Layer IPCo B.V.	(71) Lightyear IPCo B.V.	(00) Assignment
(11) 2023637	(73) Lightyear IPCo B.V.	(71) Lightyear IPCo B.V.

(73) Lightyear IPCo B.V. (11) 2027025 (00) 20.07.2023 (51) B60L 58/20 (00) Assignment	(00) Assignment (71) Fluence Energy LLC (73) Fluence Energy LLC (11) EP2545632 (00) 21.07.2023	(11) 2030569 (00) 20.07.2023 (51) G01R 31/50 B60L 53/20 B60L 53/14 (00) Assignment
(71) Jelurida Swiss SA (73) Jelurida Swiss SA (11) 2026686 (00) 21.07.2023 (51) G06F 21/64 H04L 9/32 H04L 29/06 (00) Assignment	(51) H02J 3/24 H02J 3/28 H02J 7/35 (00) Assignment (71) Lightyear Layer IPCo B.V. (73) Lightyear Layer IPCo B.V. (11) 2028006 (00) 20.07.2023	(71) Fluence Energy LLC (73) Fluence Energy LLC (11) EP3098927 (00) 21.07.2023 (51) H02J 3/32 H02J 9/06 H02J 13/00 H02J 15/00 (00) Assignment
(71) Q*Bird B.V. (73) Q*Bird B.V. (11) 2027232 (00) 21.07.2023 (51) H03K 5/19 (00) Assignment	(51) H01L 31/048 B32B 37/14 H01L 31/049 H01L 31/05 (00) Assignment (71) Lightyear Layer IPCo B.V. (73) Lightyear Layer IPCo B.V. (11) 2028562 (00) 20.07.2023	(71) Lightyear IPCo B.V. (73) Lightyear IPCo B.V. (11) 2029963 (00) 20.07.2023 (51) B60T 17/22 B60T 8/90 B60T 8/96 (00) Assignment
(71) Sonosilicon Co.,Ltd. (73) Sonosilicon Co.,Ltd. (11) 2023557 (00) 20.07.2023 (51) H03G 1/00 H03G 3/30 (00) Assignment	(51) B60L 1/00 B60L 8/00 B60L 50/52 (00) Assignment (71) Lightyear IPCo B.V. (73) Lightyear IPCo B.V. (11) 2028565 (00) 20.07.2023	(71) Lightyear Layer IPCo B.V. (73) Lightyear Layer IPCo B.V. (11) 2030125 (00) 20.07.2023 (51) H01L 31/0224 H01L 31/049 H01L 31/05 (00) Assignment
(71) Lightyear Layer IPCo B.V. (73) Lightyear Layer IPCo B.V. (11) 2026972 (00) 20.07.2023 (51) H01L 31/048 H01L 31/049 (00) Assignment	(51) B60T 7/00 B60T 8/17 (00) Assignment (71) Lightyear IPCo B.V. (73) Lightyear IPCo B.V. (11) 2028582 (00) 20.07.2023	(71) Lightyear IPCo B.V. (73) Lightyear IPCo B.V. (11) 2030568 (00) 20.07.2023 (51) H02H 7/122 H02H 1/00 (00) Assignment
(71) Belden Deutschland GmbH (73) Belden Deutschland GmbH (11) EP2777097 (00) 19.07.2023 (51) H01R 13/658 H01R 9/03 H01R 13/50 H01R 13/504 H01R 13/64 (00) Assignment	(51) B60H 1/03 (00) Assignment (71) Lightyear IPCo B.V. (73) Lightyear IPCo B.V. (11) 2028567 (00) 20.07.2023	(71) GORDON MURRAY TECHNOLOGIES LIMITED (73) GORDON MURRAY TECHNOLOGIES LIMITED (11) EP3140135 (00) 24.07.2023 (51) B60G 3/20 (00) Change of owner(s) name
(71) Q*Bird B.V. (73) Q*Bird B.V. (11) 2027170 (00) 21.07.2023 (51) H03K 3/033 H03K 5/00 H03K 5/05 H03K 5/06 (00) Assignment	(51) H02M 1/00 H02J 3/38 H02M 3/158 H02M 3/335 B60L 8/00 B60L 50/60 (00) Assignment (71) Lightyear Layer IPCo B.V. (73) Lightyear Layer IPCo B.V. (11) 2024940 (00) 20.07.2023	(71) Lightyear IPCo B.V. (73) Lightyear IPCo B.V. (11) 2025893 (00) 20.07.2023 (51) H02K 9/06 H02K 1/27 (00) Assignment
(71) Lightyear IPCo B.V. (73) Lightyear IPCo B.V. (11) 2023641 (00) 20.07.2023 (51) H02K 7/08 H02K 16/02 H02K 21/24 (00) Assignment	(51) H01L 31/0352 H01L 31/042 (00) Assignment (71) Lightyear IPCo B.V. (73) Lightyear IPCo B.V. (11) 2025144 (00) 20.07.2023	(71) Lightyear IPCo B.V. (73) Lightyear IPCo B.V. (11) 2025910 (00) 20.07.2023 (51) F16D 55/22 F16D 65/54 (00) Assignment
(71) Lightyear IPCo B.V. (73) Lightyear IPCo B.V. (11) 2027830 (00) 20.07.2023 (51) B60R 13/08 B62D 25/18 B62D 35/02	(51) B60R 21/013 B60R 21/34 B60R 21/38 (00) Assignment (71) Lightyear IPCo B.V. (73) Lightyear IPCo B.V.	(71) GORDON MURRAY TECHNOLOGIES LIMITED (73) GORDON MURRAY TECHNOLOGIES LIMITED (11) EP3414132 (00) 24.07.2023 (51) B60R 19/34

(00) Change of owner(s) name	G06K 19/07	(11) EP3097253
(71) Lightyear IPCo B.V.	H02J 1/10	(00) 19.07.2023
(73) Lightyear IPCo B.V.	B60L 50/60	(51) E21B 33/12
(11) 2026470	(00) Assignment	(00) Merge
(00) 20.07.2023	(71) Lightyear Layer IPCo B.V.	(71) Lightyear Layer IPCo B.V.
(51) B60R 19/18	(73) Lightyear Layer IPCo B.V.	(73) Lightyear Layer IPCo B.V.
B60R 19/34	(11) 2027572	(11) 2028845
(00) Assignment	(00) 20.07.2023	(00) 20.07.2023
(71) Centre National de la Recherche Scientifique (CNRS)	(51) H01L 31/04	(51) H01L 31/05
(73) Centre National de la Recherche Scientifique (CNRS)	H01L 31/05	H01L 31/049
(11) EP3417072	(00) Assignment	(00) Assignment
(00) 25.07.2023	(71) Shenzhen Huahong Marine Biomedicine Co.,Ltd.	(71) Lightyear Layer IPCo B.V.
(51) C12Q 1/6848	(73) Shenzhen Huahong Marine Biomedicine Co.,Ltd.	(73) Lightyear Layer IPCo B.V.
C12Q 1/6853	(11) EP3498702	(11) 2029862
(00) Assignment	(00) 19.07.2023	(00) 20.07.2023
(71) Lightyear IPCo B.V.	(51) C07D 403/06	(51) B60R 16/037
(73) Lightyear IPCo B.V.	A61K 31/496	B60Q 3/18
(11) 2026667	A61P 35/00	B60Q 3/62
(00) 20.07.2023	A61P 31/10	B60Q 3/74
(51) H01F 21/06	(00) Assignment	B60Q 3/80
H01F 29/10	(71) Lightyear IPCo B.V.	(00) Assignment
(00) Assignment	(73) Lightyear IPCo B.V.	(71) Lightyear IPCo B.V.
(71) Jelurida Swiss SA	(11) 2028141	(73) Lightyear IPCo B.V.
(73) Jelurida Swiss SA	(00) 20.07.2023	(11) 2029964
(11) 2026685	(51) G01L 5/28	(00) 20.07.2023
(00) 21.07.2023	B60T 8/171	(51) B60T 13/66
(51) G06F 21/64	F16D 66/00	(00) Assignment
H04L 9/32	(00) Assignment	(71) Zhejiang Huahai Pharmaceutical Co., Ltd
H04L 29/06	(71) Lightyear Layer IPCo B.V.	Shanghai Aobo bio-pharmaceutical Co., Ltd.
(00) Assignment	(73) Lightyear Layer IPCo B.V.	(73) Shanghai Aobo bio-pharmaceutical Co., Ltd.
(71) Lightyear IPCo B.V.	(11) 2028545	Zhejiang Huahai Pharmaceutical Co., Ltd
(73) Lightyear IPCo B.V.	(00) 20.07.2023	(11) EP3620455
(11) 2026816	(51) H01L 31/0224	(00) 20.07.2023
(00) 20.07.2023	H01L 31/048	(51) C07D 307/87
(51) B60K 7/00	H01L 31/049	(00) Change of Legal Entity
(00) Assignment	(00) Assignment	(71) Université Grenoble Alpes
(71) Lightyear IPCo B.V.	(71) Lightyear IPCo B.V.	(73) Université Grenoble Alpes
(73) Lightyear IPCo B.V.	(73) Lightyear IPCo B.V.	(11) EP3801214
(11) 2027099	(11) 2028583	(00) 14.07.2023
(00) 20.07.2023	(00) 20.07.2023	(51) A61B 5/00
(51) B60H 1/00	(51) B60H 1/00	(00) Merge
(00) Assignment	B60H 1/03	(71) Tendeka B.V.
(71) Lightyear IPCo B.V.	(00) Assignment	(73) Tendeka B.V.
(73) Lightyear IPCo B.V.	(71) Lightyear IPCo B.V.	(11) EP2239414
(11) 2027384	(73) Lightyear IPCo B.V.	(00) 19.07.2023
(00) 20.07.2023	(11) 2028585	(51) E21B 33/12
(51) B60L 8/00	(00) 20.07.2023	E21B 33/127
B60L 58/20	(51) B60H 1/03	(00) Merge
(00) Assignment	B60H 1/32	(71) E-TERRY GmbH
(71) THALES	(00) Assignment	(73) E-TERRY GmbH
(73) THALES	(71) Lightyear IPCo B.V.	(11) EP3826901
(11) EP2587588	(73) Lightyear IPCo B.V.	(00) 13.07.2023
(00) 19.07.2023	(11) 2028586	(51) B62D 7/04
(51) H01Q 3/26	(00) 20.07.2023	B62D 61/06
G01S 19/23	(51) B60H 1/00	B62D 7/15
(00) Assignment	B60H 1/03	B62D 63/02
(71) Lightyear Layer IPCo B.V.	(00) Assignment	(00) Assignment
(73) Lightyear Layer IPCo B.V.	(71) Lightyear IPCo B.V.	(71) Tendeka B.V.
(11) 2031534	(73) Lightyear IPCo B.V.	(73) Tendeka B.V.
(00) 20.07.2023	(11) 2028587	(11) EP3042034
(51) B60L 1/00	(00) 20.07.2023	(00) 19.07.2023
B60L 8/00	(51) B60H 1/03	(51) E21B 33/12
B60L 50/52	(00) Assignment	(00) Merge
B60L 58/20	(71) Tendeka B.V.	(71) Chengdu Institute Of Biology, Chinese Academy Of Sciences
B60K 16/00	(73) Tendeka B.V.	

ZHONGKE XINGHE (SHANDONG)
INTELLIGENT TECHNOLOGY CO., LTD.
(73) ZHONGKE XINGHE (SHANDONG)
INTELLIGENT TECHNOLOGY CO., LTD.
Chengdu Institute Of Biology, Chinese
Academy Of Sciences
(11) EP3965228
(00) 20.07.2023
(51) H01Q 3/30
H01Q 21/20
H01Q 1/24
H01Q 21/00
(00) Change of owner(s) name

TVH

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

UP1

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

(11) EP2438211	(11) EP3615700	(11) EP3655303
(11) EP2394086	(11) EP3580040	(11) EP3724379
(11) EP2659242	(11) EP3413939	(11) EP3517226
(11) EP2699529	(11) EP3504160	(11) EP3569966
(11) EP2609280	(11) EP3519644	(11) EP3560952
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(11) EP2705612	(11) EP3535579	(11) EP3677349
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(11) EP2679922	(11) EP3503837	(11) EP3812864
(11) EP3080309	(11) EP3507258	(11) EP3620943
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	(11) EP3729069	(11) EP3901451

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(11) EP3942585	(11) EP3666807	(11) EP3319544
(11) EP3947332	(11) EP3841093	(11) EP3325622
(11) EP3969638	(11) EP3976886	(11) EP3393501
(11) EP3987171	(11) EP3900905	(11) EP3330159
(11) EP3849911	(11) EP3678735	(11) EP3394121
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(11) EP3972823	(11) EP3122802	(11) EP3364869
(11) EP3871632	(11) EP3680062	(11) EP3213836
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(11) EP3791765	(11) EP3653392	(11) EP3482511
(11) EP3779191	(11) EP3774871	(11) EP3485214
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(11) EP3789871	(11) EP4016574	(11) EP3515872
(11) EP3804787	(11) EP3988445	(11) EP3442672
(11) EP3938541	(11) EP3851441	(11) EP3442334
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(11) EP3982777	(11) EP4003137	(11) EP3636850
(11) EP3959326	(11) EP3929664	(11) EP3532760
(11) EP3916864	(11) EP3924718	(11) EP3554616
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UP2

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

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

UP3

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

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

UP4

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

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

UP5

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

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

UP6

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

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