



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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Bezoekadres: **Octrooicentrum Nederland**

Prinses Beatrixlaan 2

2595 AL Den Haag

Postadres

Postbus 10366

2501 HJ Den Haag

Telefoon: 088-0426656

Bankrekeningnummer:

Voor taksen en depotrekeningen:

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Introduction

Patent Bulletin

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

Official Journal

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

Subscription rates per calendar year:

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Visiting address: **Netherlands Patent Office**

Prinses Beatrixlaan 2

2595 AL Den Haag

Postadress

Post Office Box: 10366

2501 HJ Den Haag

Telephone: +31(0)88 0426656

Account:

Fees, deposit accounts:

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Rubriek NP2 Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	12 Heading NP2 Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	12
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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	236Heading SPC Contains data concerning applications for- or granted Supplementary Protection Certificates.	236
Rubriek VB1 Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.	237Heading VB1 Contains data concerning requests and notices of opposition under the General administrative law.	237
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Rubriek MED Bevat gegevens betreffende overige mededelingen.	239Heading MED Contains data concerning other communications.	239
Rubriek VRV Bevat gegevens betreffende verval of nietigverklaring.	240Heading VRV Contains data concerning lapse or annulment.	240
Rubriek VRB Bevat gegevens betreffende verbeteringen op eerdere publicaties.	252Heading VRB Contains data concerning corrections on earlier publications.	252
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Rubriek TVH Bevat gegevens betreffende topografieën van halfgeleiderproducten.	255Heading TVH Contains data concerning depots of original topographies of semi-conductor products.	255

Rubriek UP1 Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking.	256Heading UP1 Contains data concerning European patents with registered Unitary Effect.	256
Rubriek UP2 Bevat gegevens over Europese octrooien met geregistreerd verzoek ex. artikel 52a (herstel recht op validatie).	259Heading UP2 Contains data concerning European patents with registered request ex article 52a (restoration of validation right).	259
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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

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(71) MPE Techniek B.V.	(54) BLADE GRINDING MECHANISM AND GRINDING METHOD	(71) Monobase Wind B.V.
(74) mr. ir. J. van Breda c.s.	(71) Nobot Intelligent Equipment (Shandong) Co., Ltd.	Deawoo Engineering & Construction CO.,LTD
(72) Edwin Leonard den Blijker	(74) ir. W.J.J.M. Kempes	(74) ir. J.C. Volmer c.s.
(41) 18.09.2023	(72) Xinhua Yan	(72) Herm Berend Bussemaker
(51) B23K 20/26	Liwei Fu	(41) 18.09.2023
(21) 2033234	Jianchao Wu	(51) C02F 1/50
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(72) Feng Qin	(51) B26D 7/02	(74) ir. J.C. Volmer c.s.
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Yue Lin	B26D 3/00	Gerrit Hendrik ter Horst
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(32) 11.03.2022	(22) 09.03.2022	Yunyan Guo
(33) China	(54) Servicer, applicator roller, assembly and method for supplying a tire component to a tire building drum	Li Zhao
(51) B24B 27/00	(71) VMI Holland B.V.	(51) C07H 3/02
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(22) 09.03.2022	(71) Hardt IP B.V.	Yu Liu
(54) MECHANISM FOR AUTOMATICALLY GRINDING DOUBLE SURFACES OF BLADE	(74) ir. H.A. Witmans c.s.	(41) 18.09.2023
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(74) ir. W.J.J.M. Kempes	Youssef Abou Harfouch	(21) 2031238
(72) Xinhua Yan	Paul Jacob Pieter Ouwehand	(22) 10.03.2022
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(41) 18.09.2023	(54) Linear reluctance motor	Lei Zuo
(51) B24B 41/00	(71) Hardt IP B.V.	(41) 18.09.2023
B24B 27/00	(74) ir. H.A. Witmans c.s.	(51) C12Q 1/689
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B24B 29/06	Paul Jacob Pieter Ouwehand	
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(21) 2031205	F03D 13/25	
	(21) 2031193	
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- (54) FIVE-FOLD FLUORESCENT PCR DETECTION KIT FOR FOODBORNE PATHOGENIC BACTERIA
(71) JIAXING CENTER FOR DISEASE CONTROL AND PREVENTION
(74) ir. M.B. Plaggenborg
(72) Ze Zhu
Peiyan He
Zhongwen Chen
Guoying Zhu
Jianyong Luo
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(41) 18.09.2023
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- (51) C22C 1/03
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C22C 14/00
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(21) 2031237
(22) 10.03.2022
(54) "THERMAL-ELECTRIC" COUPLING PREPARATION METHOD OF TlAl ALLOY SHEET WITHOUT-CANNING
(71) Taiyuan University of Technology
(74) ir. W.J.J.M. Kempes
(72) Jing Dong
Tao Wang
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Sha Li
Jianchao Han
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(41) 18.09.2023
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- (51) E06B 9/32
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(21) 2031190
(22) 08.03.2022
(54) ASSEMBLY OF A MOTOR FOR A TUBE OF A SCREEN AND A SET OF ADAPTABLE PLUGS FOR ENGAGING THE INNER SURFACE OF THE TUBE
(71) COULISSE B.V.
(74) drs. C.H. Mink-Lindenburg
(72) Wouter Hendriks
Ike Essink
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(41) 18.09.2023
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- (51) F28D 21/00
(21) 1044278
(22) 10.03.2022
(54) Inrichting voor overdracht van warmte uit afvoerwater naar toevoerwater voor douches etc.
(71) Lentink Metaalwarenfabriek BV
(72) D. Lentink
(41) 19.09.2023
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- (51) G01B 5/06
G01N 33/18
(21) 2031263
(22) 11.03.2022
(54) TEST DEVICE FOR SIMULATING OF TRANSPORT AND TRANSFORMATION OF POLLUTANTS IN ICING/MELTING PROCESS OF WATER BODIES OF RIVERS, LAKES AND SEA
(71) Chinese Research Academy of Environmental Sciences
(74) ir. M.B. Plaggenborg
(72) Shuhang Wang
Yunyan Guo
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(41) 18.09.2023
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- (51) G01C 21/18
(21) 1044277
(22) 09.03.2022
(54) Compensatie voor wrijvingsoverdracht van behuizingsbewegingen op een gestabiliseerd platform.
(71) B.V. Nederlandse Instrumenten Compagnie Nedinsco
(72) Ing. Noa Maximiliano van Rijt
(41) 19.09.2023
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- (51) G01F 15/00
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(21) 2031220
(22) 09.03.2022
(54) LIGHT ENERGY RECEIVING METER
(71) SHENZHEN KILOTONE SCIENCE AND TECHNOLOGY CO., LTD.
(74) ir. M.B. Plaggenborg
(72) Ziqian Hu
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(41) 15.09.2023
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- (51) G01F 15/06
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(21) 2031221
(22) 09.03.2022
(54) ONE-RECEIVING FIVE-TRANSMITTING LIGHT GUIDE CIRCUIT AND USING METHOD THEREOF
(71) SHENZHEN KILOTONE SCIENCE AND TECHNOLOGY CO., LTD.
(74) ir. M.B. Plaggenborg
(72) Ziqian Hu
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(41) 18.09.2023
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- (51) G01M 11/00
(21) 2031222
(22) 09.03.2022
(54) LIGHT-GUIDE METERING DEVICE DETECTION APPARATUS AND METHOD
(71) SHENZHEN KILOTONE SCIENCE AND TECHNOLOGY CO., LTD.
(74) ir. M.B. Plaggenborg
(72) Ziqian Hu
Yuanying Wang
Chengmin Lan
Wenliang Xiao
(41) 18.09.2023
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- (51) G01N 1/14
G01N 33/18
(21) 2031264
(22) 11.03.2022
-
- (54) SYSTEM FOR DETERMINING RURAL DOMESTIC SEWAGE
(71) Chinese Research Academy of Environmental Sciences
(74) ir. M.B. Plaggenborg
(72) Xia Jiang
Feifei Che
Kun Wang
Shuhang Wang
Li Zhao
Qing Cai
Junyi Chen
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- (51) G01N 15/14
G01N 15/02
(21) 2031229
(22) 09.03.2022
(54) DEVICE AND METHOD FOR IN-VITRO TEST ON CALCIUM OSCILLATION OF NETWORK OF NEURONS
(71) Xinxiang Medical University
(74) ir. M.B. Plaggenborg
(72) Yaling Yin
Ruizhu Yue
Xu Zhang
Xi Chen
Fanfan Ma
Bingbing Chen
Ye Yang
Hongwei Wang
Zhenzhou Sun
Yingjuan Wei
Yue Zuo
Dejun Chen
(41) 18.09.2023
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- (51) G01N 33/18
(21) 2031224
(22) 09.03.2022
(54) UNDERWAY MULTI-PARAMETER SEAWATER ACIDIFICATION OBSERVER
(71) THIRD INSTITUTE OF OCEANOGRAPHY, MINISTRY OF NATURAL RESOURCES, PRC
(74) ir. M.B. Plaggenborg
(72) Qi Lin
Jinpei Yan
Miming Zhang
(41) 15.09.2023
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- (51) G01S 13/34
G01S 7/534
G01S 15/32
G01S 15/34
G01S 13/32
G01S 7/03
G01S 7/35
(21) 2031184
(22) 08.03.2022
(54) FREQUENCY MODULATED CONTINUOUS WAVE RECEIVER, TRANSMITTER, TRANSCEIVER AND METHODS
(71) Technische Universiteit Delft
(74) ir. A. van der Maarl
(72) Olexander Yaroviy
Nikita Petrov
(41) 18.09.2023
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- (51) G06F 11/00
G06F 21/64

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(21) 2034989	SHIP CABIN INTERIOR DECORATION	(51) H04N 21/485
(22) 03.06.2023	SCENE AND METHOD THEREOF	G09G 5/10
(54) METHOD FOR DETECTING NETWORK	(71) ShanDong JiaoTong University	G06F 21/83
ABNORMAL BEHAVIOR BASED ON	(74) ir. W.J.J.M. Kempes	H04N 5/58
DATA MULTI-DIMENSIONAL ENTROPY	(72) Zhuoyi Yang	(21) 2031189
FINGERPRINT	(41) 18.09.2023	(22) 08.03.2022
(71) NANJING FIBERHOME STARRYSKY	(51) G06T 7/70	(54) COLOR AND BRIGHTNESS
CO., LTD.	A61B 17/34	ADJUSTMENT ALGORITHMS
(74) drs. C.M.A. Quintelier	A61B 34/10	(71) Microsoft Technology Licensing, LLC
(72) Li Xia	A61B 34/20	(74) ir. J.C. Volmer c.s.
Huarong Li	G06T 7/30	(72) Gilad Pundak
Yang Wang	(21) 2035295	Daniel Spivak
Shan Lu	(22) 06.07.2023	Eran Arbel
(31) 202211212022.5	(54) ULTRASONIC PUNCTURE GUIDANCE	
(32) 30.09.2022	PLANNING SYSTEM BASED ON	
(33) China	MULTI-MODAL MEDICAL IMAGE	
(51) G06F 16/9535	REGISTRATION	
G06F 30/20	(71) CARBON (SHENZHEN) MEDICAL	
G06F 111/06	DEVICE CO, LTD.	
G06F 111/08	(74) drs. C.M.A. Quintelier	
(21) 2031218	(72) Mengling Wu	
(22) 09.03.2022	Xiongwen Huang	
(54) COMBINED RECOMMENDATION AND	Rongliang Zhu	
CACHING METHOD FOR CACHE-	Shanshan Wang	
ENABLED D2D COMMUNICATION	Pablo David Burstein	
(71) Nanjing University of Posts and	(31) 202211219688.3	
Telecommunications	(32) 08.10.2022	
(74) ir. M.B. Plaggenborg	(33) China	
(72) Qi Zhu	(51) G06V 20/00	
Yu Hua	G06T 7/20	
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(51) G06F 30/17	(21) 2032131	
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(21) 2031227	(54) Differencing based Self-supervised	
(22) 09.03.2022	scene change detection (D-SSCD) with	
(54) METHOD FOR PREDICATING BOLT	temporal consistency	
JOINT STRUCTURE DYNAMICS	(71) NavInfo Europe B.V.	
BASED ON THIN-LAYER ELEMENT	(74) mr. ir. J. van Breda c.s.	
WITH RICHARD-ABBOT PLASTIC-	(72) Bahram Zonooz	
ELASTIC MATERIAL PROPERTIES	Vijaya Raghavan Thiruvengadathan	
(71) Ludong University	Ramkumar	
(74) ir. M.B. Plaggenborg	Elahe Arani	
(72) Delin Sun	(41) 18.09.2023	
Guihang Liang	(31) 17/691,397	
Hongtu Sun	(32) 10.03.2022	
(41) 18.09.2023	(33) United States of America	
(51) G06Q 10/00	(51) G08C 17/02	
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(54) ONLINE SYSTEM AND METHOD	(22) 10.03.2022	
FOR COUNTRYSIDE HOMESTEAD	(54) Methods for synchronously reading	
APPROVAL	sensor output or instructing actuators	
(71) Institute of Agricultural Economics and	(71) Imbu B.V.	
Development, Chinese Academy of	(74) ir. A. Blokland c.s.	
Agricultural Sciences	(72) Jan Gerrit Dam	
(74) ir. W.J.J.M. Kempes	Bonifacius Johannes Hendrikus Peters	
(72) Song Qu	(41) 19.09.2023	
Junping Guo	(51) H01J 37/32	
(31) 202310301020.1	(21) 2031258	
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(33) China	(54) Apparatus and method for plasma	
(51) G06Q 10/06	enhanced chemical vapour deposition	
G06V 40/18	(71) LeydenJar Technologies B.V.	
(21) 2031201	(74) dr. A. Krebs	
(22) 09.03.2022	(72) Pavel Kudlacek	
	Arjen Didden	

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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
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(54) DEVICE FOR AUTOMATIC CLEANING OF MUD AND GRASS ON CHASSIS OF CRAWLER-TYPE HARVESTER	(11) 2031240 (47) 18.09.2023 (22) 10.03.2022	(11) 2033121 (47) 18.09.2023 (22) 23.09.2022
(73) Jiangxi Academy of Agricultural Sciences Institute of Agricultural Engineering	(54) LONG-DISTANCE FISH CONVEYING SYSTEM OF FISH LIFT ENGINEERING AND METHOD	(54) FINE MANAGEMENT SYSTEM FOR INTEGRATED FARMING OF AGRICULTURE AND FISHERIES
(72) Wenyi Zhang Licai Chen Kangjun Wang Luofa Wu Xianhua Dong Shifu Shu	(73) POWERCHINA KUNMING ENGINEERING CORPORATION LIMITED	(73) Freshwater Fisheries Research Center, Chinese Academy of Sciences
(74) ir. F.A. Geurts c.s. (31) 2022107770897 (32) 04.07.2022 (33) China	(72) Rui Fu Yiwen Yang Cheng Wu Dan Zhao Zengjia Li Wenxi Wang	(72) Yiran Hou Jian Zhu Gangchun Xu Rui Jia Jie He Bing Li
(51) A01G 18/60 B07C 5/342 B65B 1/46	(74) ir. W.J.J.M. Kempes	(74) ir. F.A. Geurts c.s. <hr/> (51) A23L 27/21
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(54) Werkwijze en inrichting voor het verwerken van champignons	(11) 2031239 (47) 18.09.2023 (22) 10.03.2022	(11) 2026651 (47) 15.09.2023 (22) 09.10.2020
(73) Jacobus Alexander Jozef Lemmen (72) Jacobus Alexander Jozef Lemmen (74) ir. M. van der Velden	(54) FISH TRAPPING SYSTEM OF FISH LIFT ENGINEERING FOR MOUNTAIN RIVERS AND METHOD	(54) VEGETABLE ROAST BEEF FLAVOR MATERIAL AND PREPARATION METHOD AND APPLICATION THEREOF
(51) A01G 20/10 C02F 11/02 C02F 101/16	(73) POWERCHINA KUNMING ENGINEERING CORPORATION LIMITED	(73) Shenzhen Xingqiling Food Technology Co., Ltd.
(11) 2031265 (47) 18.09.2023 (22) 11.03.2022	(72) Meilin Yang Cheng Wu Xin Zhang Rui Fu Rong Shao Yiwen Yang	(72) Jianchun Xie Jian Li Wenbin Du Yutong Wang Jia Tan
(54) SUBMERGED LAWN FOR QUICKLY CONSTRUCTING SUBMERGED FOREST	(74) ir. W.J.J.M. Kempes	(74) dr. T. Wittop Koning PhD
(73) Chinese Research Academy of Environmental Sciences	(51) A23G 1/02 G06Q 10/08 B01L 3/00 A23G 1/06 A23N 15/06 B65D 33/16 B65D 77/22 B65D 81/26	(31) 202010759131.3 (32) 31.07.2020 (33) China
(72) Li Zhao Shuhang Wang Bo Zhang Xia Jiang Junyi Chen	(11) 2032009 (47) 15.09.2023 (22) 27.05.2022	(51) A61K 9/51 (11) 2031209 (47) 18.09.2023 (22) 09.03.2022
(74) ir. M.B. Plaggenborg	(54) PROCESSING OF SEEDS OF FRUIT	(54) Polymer-coated nanoparticles
(51) A01K 29/00 (11) 2031635 (47) 15.09.2023 (22) 20.04.2022	(73) Ferdinand van Heerden (72) Ferdinand van Heerden Luiz Gustavo Schultz Senko	(73) 20Med Therapeutics B.V. (72) Hendrika Maria Roelofs-Haarhuis Jacob Rip
(54) Method of managing a herd comprising a plurality of animals using an animal management system.	(74) ir. J.C. Volmer c.s. (31) 2021/03610 (32) 27.05.2021	(74) ir. H.A. Witmans c.s. <hr/> (51) A61K 31/366
(73) Nedap N.V. (72) Arnoldus Gerardus Franciscus Harbers Robin Benjamin Niko Aly		A61P 13/08 (11) 2032919
(74) ir. H.A. Witmans c.s.		

(47) 18.09.2023	(47) 19.09.2023	Liwei Fu
(22) 31.08.2022	(22) 10.03.2022	Qun Sun
(54) APPLICATION OF EURYCOMANOL IN PREPARATION OF DRUG, FOOD PRODUCT AND HEALTH CARE	(54) Werkwijze en inrichting voor het in een verpakking plaatsten van champignons	Dongjie Zhao
PRODUCT FOR PREVENTING AND TREATING CHRONIC NON-BACTERIAL PROSTATITIS	(73) Jacobus Alexander Jozef Lemmen	(74) ir. W.J.J.M. Kempes
(73) Xiangnan University	(72) Jacobus Alexander Jozef Lemmen	(51) B24B 41/00
Junjie Wang	(74) ir. M. van der Velden	B24B 27/00
Changsha Herbway Biotech Co., Ltd.	(51) B23B 31/107	B24B 41/02
(72) Fang Liu	B23B 51/04	B24B 41/06
Yuanfang Zhang	(11) 2031183	B24B 29/06
Ze Liu	(47) 18.09.2023	B24B 41/04
Wenkai Li	(22) 08.03.2022	B24B 19/26
Siyu Liu	(54) A quick change arbor for a releasably connectable tool	(11) 2031205
Jianhua Huang	(73) MPE Techniek B.V.	(47) 18.09.2023
(74) ir. M.B. Plaggenborg	(72) Edwin Leonard den Blijker	(22) 09.03.2022
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(32) 08.03.2022	(51) B23K 20/26	(73) Nobot Intelligent Equipment (Shandong) Co., Ltd.
(33) China	(11) 2033234	(72) Xinhua Yan
(51) A61K 35/32	(47) 18.09.2023	Liwei Fu
A61P 9/14	(22) 05.10.2022	Jianchao Wu
(11) 2031202	(54) FRICTION WELDING MACHINE	Dongjie Zhao
(47) 18.09.2023	AXIAL CENTER ADJUSTING DEVICE, SLIDING TABLE MECHANISM AND FRICTION WELDING MACHINE	Shoule Zhen
(22) 09.03.2022	(73) Harbin Welding Institute Limited	Qun Sun
(54) TRADITIONAL CHINESE MEDICINE COMPOSITION FOR TREATMENT OF VARICOSE VEINS OF LOWER EXTREMITIES AND PREPARATION METHOD THEREOF	Company	(74) ir. W.J.J.M. Kempes
(73) Decai Chen	(72) Feng Qin	(51) B26D 7/02
(72) Decai Chen	Wenhan Zhang	B29D 30/46
Weilong Hu	Yue Lin	B26D 3/00
Gaoshang Wang	Yushan Zhao	B26D 7/01
Xiaobing Zhang	Chunbo Zhang	(11) 2031212
Zhongxiao Zhang	Qi Wang	(47) 18.09.2023
Tongqing Zhang	Gadi Jin	(22) 09.03.2022
(74) ir. W.J.J.M. Kempes	Yanquan Wu	(54) Cutting device and method for cutting a tire component
(51) A61K 47/34	Yunlei Li	(73) VMI Holland B.V.
C08G 75/14	Jun Zhou	(72) David Victor Bouwmeester
C08G 73/02	Wu Liang	Anne-Per Joseph Hendrik van der Kolk
(11) 2031208	Rui Li	(74) ir. F.A. Geurts c.s.
(47) 18.09.2023	Haifeng Yang	(51) B29D 30/16
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(54) Azanaphthalene-functionalized polymers for gene and drug delivery	Ming Xu	B29D 30/44
(73) 20Med Therapeutics B.V.	(74) ir. W.J.J.M. Kempes	(11) 2031213
(72) Jacob Rip	(31) 202210236055.7	(47) 18.09.2023
Johannes Franciscus Joseph Engbersen	(32) 11.03.2022	(22) 09.03.2022
Hendrika Maria Roelofs-Haarhuis	(33) China	(54) Servicer, applicator roller, assembly and method for supplying a tire component to a tire building drum
Steffen van der Wal	(51) B24B 27/00	(73) VMI Holland B.V.
(74) ir. H.A. Witmans c.s.	B24B 7/02	(72) Mattheus Jacobus Kaagman
(51) A61M 15/06	B24B 41/00	Ruben Matthias Visser
A61M 11/00	B24B 41/06	(74) ir. F.A. Geurts c.s.
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(54) Nasal spray device and method of spraying a liquid formulation	B24B 29/06	B60L 13/06
(73) Medspray B.V.	B24B 7/26	(11) 2031207
(72) Franciscus Martinus Verhoeven	B24B 19/26	(47) 18.09.2023
Cornelis Johannes Maria van Rijn	B24B 41/02	(22) 09.03.2022
(74) drs. A.A. Jilderda	(11) 2031204	(54) Control for linear reluctance motor
(51) B07C 3/00	(47) 18.09.2023	(73) Hardt IP B.V.
A01G 18/60	(22) 09.03.2022	(72) Gert Spek
B65B 1/48	(54) MECHANISM FOR AUTOMATICALLY GRINDING DOUBLE SURFACES OF BLADE	Youssef Abou Harfouch
(11) 2031233	(73) Nobot Intelligent Equipment (Shandong) Co., Ltd.	Paul Jacob Pieter Ouwehand
	(72) Xinhua Yan	(74) ir. H.A. Witmans c.s.
	Jianchao Wu	(51) B60L 13/03
	Shoule Zhen	H02K 41/03
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(47) 18.09.2023	Junyi Chen	(74) ir. W.J.J.M. Kempes
(22) 09.03.2022	Qing Cai	(51) E02B 3/12
(54) Linear reluctance motor	Yunyan Guo	G01B 11/16
(73) Hardt IP B.V.	Li Zhao	G01C 13/00
(72) Gert Spek	(74) ir. M.B. Plaggenborg	G01B 11/22
Youssef Abou Harfouch	(51) C07H 3/02	E21F 17/00
Paul Jacob Pieter Ouwehand	C13K 13/00	G01D 5/353
(74) ir. H.A. Witmans c.s.	C07H 1/08	(11) 2031569
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(11) 2031193	C13K 1/02	(54) Processing method for optical fibre
(47) 18.09.2023	(11) 2031203	monitoring data in a wide range of scour
(22) 09.03.2022	(47) 18.09.2023	pit at the end of the soft raft for bank-
(54) MARINE STRUCTURE AND METHOD	(22) 09.03.2022	revetment
(73) Monobase Wind B.V.	(54) METHOD FOR PREPARING REDUCING	(73) Tianjin Research Institute for Water
Deawoo Engineering & Construction	SUGAR BY HYDROLYZING COCONUT	Transport Engineering, M. O. T.
CO.,LTD	SHELL	(72) Xiping Sun
(72) Herm Berend Bussemaker	(73) Qilu University of Technology	Mengmeng Liu
(74) ir. J.C. Volmer c.s.	(72) Yangyang Sun	Yuesong Li
(51) C02F 1/50	Yu Liu	Jilong Yin
(11) 2031192	(74) ir. W.J.J.M. Kempes	Xin Wang
(47) 19.09.2023	(51) C09K 3/24	Runze Xue
(22) 09.03.2022	(11) 2031238	Yang Yu
(54) Combination for the inhibition of algae	(47) 18.09.2023	(74) dr. T. Wittop Koning PhD
bloom-forming organisms	(22) 10.03.2022	(31) 202110413489.5
(73) NaturalPond B.V.	(54) CRYSTALLINE OR GEL-LIKE	(32) 16.04.2021
(72) Hendrika van de Weerd	ARTIFICIAL SNOW MATERIAL	(33) China
Gerrit Hendrik ter Horst	(73) Beijing Institute of Technology	(51) E04B 1/348
(74) ir. J.C. Volmer c.s.	(72) Kai Zhang	E04B 1/10
(51) C02F 1/72	Nannan Jian	E04B 1/82
C02F 1/78	Lei Zuo	(11) 2032082
(11) 2031884	(74) ir. W.J.J.M. Kempes	(47) 15.09.2023
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(54) Method for Degrading Organic Pollutants	(47) 18.09.2023	prefab modulen.
by Ozonation	(22) 09.03.2022	(73) VolkerWessels Intellectuele Eigendom
(73) TIANJIN RESEARCH INSTITUTE	(54) FIVE-FOLD FLUORESCENT PCR	BV
FOR WATER TRANSPORT	DETECTION KIT FOR FOODBORNE	(72) Hendrik Willem Wim Sturris
ENGINEERING,M.O.T.	PATHOGENIC BACTERIA	Gerrit Beltman
(72) Zhendong Li	(73) JIAXING CENTER FOR DISEASE	Michiel Vincent
Hao Shang	CONTROL AND PREVENTION	(74) ir. J.H.W. Assendelft
Tingfeng Wang	(72) Ze Zhu	(31) 2028396
Jiangnan Wang	Peiyan He	(32) 04.06.2021
Yingjie Zhao	Zhongwen Chen	(33) Netherlands
Fang Chang	Guoying Zhu	(51) E06B 9/32
Huiting Li	Jianyong Luo	E06B 9/42
Malan Yi	Yong Yan	E06B 9/70
Lu Zhang	(74) ir. M.B. Plaggenborg	E06B 9/72
(74) dr. T. Wittop Koning PhD	(51) C22C 1/03	(11) 2031190
(31) 202110642848.4	C22C 30/00	(47) 18.09.2023
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(33) China	C22F 1/18	(54) ASSEMBLY OF A MOTOR FOR A
(51) C02F 3/32	(11) 2031237	TUBE OF A SCREEN AND A SET OF
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E02B 3/06	(22) 10.03.2022	THE INNER SURFACE OF THE TUBE
(11) 2031266	(54) "THERMAL-ELECTRIC" COUPLING	(73) COULISSE B.V.
(47) 18.09.2023	PREPARATION METHOD OF TIAI	(72) Wouter Hendriks
(22) 11.03.2022	ALLOY SHEET WITHOUT-CANNING	Ike Essink
(54) MULTI-STAGE BARRIER ECOLOGICAL	(73) Taiyuan University of Technology	Jochem Andreas Nijland
WALL CAPABLE OF DAMPING WAVES,	(72) Jing Dong	(74) drs. C.H. Mink-Lindenburt
IMPROVING TRANSPARENCY OF	Tao Wang	(51) F28D 21/00
WATER BODY AND PURIFYING	Miao Guo	(11) 1044278
WATER QUALITY OF WATER BODY	Sha Li	(47) 19.09.2023
(73) Chinese Research Academy of	Jianchao Han	(22) 10.03.2022
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(72) Shuhang Wang	Yi Jia	uit afvoerwater naar toevoerwater voor
Bo Zhang	Changjiang Zhang	douches etc.
Xia Jiang	Shuzhi Zhang	(73) Lentink Metaalwarenfabriek BV

(72) D. Lentink	(73) Xi'an University of Technology	Ye Yang
(51) G01B 5/06	(72) Jianjun Feng	Hongwei Wang
G01N 33/18	Guojun Zhu	Zhenzhou Sun
(11) 2031263	Kang Li	Yingjuan Wei
(47) 18.09.2023	Xingqi Luo	Yue Zuo
(22) 11.03.2022	(74) dr. T. Wittop Koning PhD	Dejun Chen
(54) TEST DEVICE FOR SIMULATING OF	(31) 202110250580.X	(74) ir. M.B. Plaggenborg
TRANSPORT AND TRANSFORMATION	(32) 08.03.2021	(51) G01N 33/18
OF POLLUTANTS IN ICING/MELTING	(33) China	(11) 2031432
PROCESS OF WATER BODIES OF	(51) G01M 11/00	(47) 15.09.2023
RIVERS, LAKES AND SEA	(11) 2031222	(22) 29.03.2022
(73) Chinese Research Academy of	(47) 18.09.2023	(54) MULTIFUNCTIONAL ON-LINE WATER
Environmental Sciences	(22) 09.03.2022	QUALITY MONITORING DEVICE FOR
(72) Shuhang Wang	(54) LIGHT-GUIDE METERING DEVICE	FISHING BOAT
Yunyan Guo	DETECTION APPARATUS AND	(73) Fishery Machinery and Instrument
Li Zhao	METHOD	Research Institute, Chinese Academy of
Bo Zhang	(73) SHENZHEN KILOTONE SCIENCE AND	Fishery Sciences
Junyi Chen	TECHNOLOGY CO., LTD.	(72) Xinying Zhao
Qing Cai	(72) Ziqian Hu	Chencheng Zhu
(74) ir. M.B. Plaggenborg	Yuanying Wang	Jianyu Li
(51) G01C 21/18	Chengmin Lan	(74) ir. M.B. Plaggenborg
(11) 1044277	Wenliang Xiao	(31) 202110583055.X
(47) 19.09.2023	(74) ir. M.B. Plaggenborg	(32) 27.05.2021
(22) 09.03.2022	(51) G01M 11/02	(33) China
(54) Compensatie voor wrijvingsoverdracht	(11) 2030071	(51) G01N 33/18
van behuizingsbewegingen op een	(47) 15.09.2023	(11) 2031224
gestabiliseerd platform.	(22) 08.12.2021	(47) 15.09.2023
(73) B.V. Nederlandse Instrumenten	(54) Werkwijze voor het bepalen van	(22) 09.03.2022
Compagnie Nedinsco	een afbeeldingskwaliteit van een	(54) UNDERWAY MULTI-PARAMETER
(72) Ing. Noa Maximilliano van Rijt	afbeeldingsstelsel, inrichting	SEAWATER ACIDIFICATION
(51) G01F 15/00	(73) Carl Zeiss SMT GmbH	OBSERVER
H02J 7/35	(72) Uwe Schellhorn	(73) THIRD INSTITUTE OF
(11) 2031220	(74) ir. H.A. Witmans c.s.	OCEANOGRAPHY, MINISTRY OF
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Inception of Hydraulic Turbine by	Xu Zhang	exposure apparatus for projection
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USES OF INHIBITORS THEREOF FOR	GUILLEN NIETO, Gerardo, Enrique	Limited
TREATING WNT6-OVEREXPRESSIONING	AGUIAR SANTIAGO, Jorge, Agustin	(72) HOLMES, Kevin
GLIOBLASTOMA	GONZALEZ BLANCO, Sonia	NORTON, Angela, W.
(73) Universidade do Minho	VALDEZ HERNANDEZ, Jorge	PAN, Clark
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FOR COGNITION AND BEHAVIOUR	METHOD, VACCINE, AND VACCINE KIT	CARROLL III, Alf L.
IMPAIRMENTS	(73) Nippon Institute for Biological Science	CARCONI, John
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(73) Institute of Medical Support Technology of Academy of System Engineering of Academy of Military Science	LOCKE, Christopher Brian	(51) A61M 5/142
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(54) CARTRIDGE ACCOMMODATING	(73) ISHIDA CO., Ltd.	DECORATIVE LAMINATES BY INKJET
DEVICE, AND SYSTEM INCLUDING	(72) HIRATA, Kosuke	(73) AGFA NV
THE SAME	FURUKAWA, Takashi	Unilin, BV
(73) BROTHER KOGYO KABUSHIKI KAISHA	TANAKA, Masatsugu	(72) VAN DEN BERGEN, Patrick
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H01M 10/056	OR MORE ACTUATORS ARRANGED	KAWAKITA, Yasutaka
H02J 7/00	TO ACTIVELY SUSPEND A SEAT IN A	Oi, Kosuke
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CHARGING AND DISCHARGING	(33) France	TENSION
FUNCTION	(51) B60N 2/815	(73) BPW Bergische Achsen KG
(73) HYUNDAI MOTOR COMPANY	B60N 2/28	(72) KOBLER, Jan-Philipp
Kia Corporation	(11) EP4029729	ESSERT, Adrian
(72) SONG, Won Ki	(21) EP22158963.3	LAMERS, Christopher
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ELEVATOR EQUIPMENT	B66F 9/19	(73) SnapTrack, Inc.
(73) Sodimas	B66F 9/075	(72) METZGER, Thomas, Dr.
(72) REAU, Stéphane	(11) EP3883878	KAMIJIMA, Akifumi
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(33) France	28.05.2020	(51) B81C 1/00
(51) B66B 3/00	(22) 19.11.2019	G01N 21/65
(11) EP3599202	(54) FORK ADJUSTER FOR A FORKLIFT	B82Y 15/00
(21) EP19188923.7	TRUCK, FORKLIFT TRUCK PROVIDED	B82Y 30/00
(47) 20.09.2023	THEREWITH AND METHOD FOR	(11) EP3407053
(22) 29.07.2019	ADJUSTING FORKS	(21) EP18174331.1
(54) ELEVATOR CALL REQUEST DEVICE	(73) Meijer Holding B.V.	(47) 20.09.2023
AND DISPLAY CONTROL METHOD	(72) MEIJER, Hendrik	(22) 25.05.2018
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(73) Otis Elevator Company	(32) 19.11.2018	METHOD OF FABRICATING THE
(72) QIU, Heping	(33) Netherlands	SUBSTRATE, AND ANALYZING
LIU, Tan	(51) B67C 3/00	APPARATUS INCLUDING THE
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WITH ROBOT CONFIGURED TO	CARBONATED BEVERAGE FILLING	(33) United States of America
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(72) WITCZAK, Tadeusz Pawel	(31) 2016194492	G01N 33/53
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(54) MATERIAL HANDLING VEHICLE WITH	(47) 20.09.2023	(72) PATOLSKY, Fernando
AN ARTICULATING AXLE	(87) CA2015050471	KRIVITSKY, Vadim
(73) The Raymond Corporation	19.11.2015	ZVERZHINETSKY, Marina
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(73) Skyre, Inc.	(73) FLSmidth A/S	(31) 18170903
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(22) 11.03.2021	(33) South Africa	ALABEDI, Gasan Selman
(54) ALKALI METAL QUATERNARY NANOMATERIALS	(51) C01G 23/00	HALL, John Adrian
(73) University Of The Witwatersrand, Johannesburg	C04B 35/626	WHITING, Andrew
(72) MOLOTO, Nosipho	C04B 35/64	(31) 201662309653 P
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C07C 409/44	(73) POSCO Chemical Co., Ltd	(22) 13.07.2018
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C12P 5/02	KANG, Chun Gu	(73) Toda Kogyo Corp.
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(54) TOP PLATE FOR COOKING DEVICES	PRODUCTION METHOD, AND	(54) METHOD FOR FABRICATING AN
AND METHOD FOR MANUFACTURING	COATINGS, CASTINGS OR EXTRUDED	ENVIRONMENTAL BARRIER COATING
SAME	PARTS OBTAINED	ON A CERAMIC MATRIX COMPOSITE
(73) Nippon Electric Glass Co., Ltd.	(73) Université de Limoges	(73) Raytheon Technologies Corporation
(72) YOKOYAMA, Shohei	Centre national de la recherche	(72) SMYTH, Imelda P.
KONISHI, Hirotsugu	scientifique	FRITH, Sarah A.
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C09D 175/04	OF A COMPOSITION CONTAINING	ITS USE IN MANUFACTURING A
C08G 63/672	HYDRIDOSILANES AND FOR	THERMOPLASTIC FOAMED POLYMER
C08G 63/48	THE SUBSEQUENT USE OF THE	(73) Solvay SA
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DITULLIO JR., Daniel Dale
WANG, Yuexi
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(73) Heatcraft Refrigeration Products LLC	LEE, Wookyong	Korea (Republic)
(72) HJORTLAND, Andrew	PARK, Chongyoung	(51) F25D 11/00
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(33) United States of America	(73) VOLVO TRUCK CORPORATION	(72) ENGEL, Bastian
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(33) Germany	RAUTENBERG, Jens	KUMAR, Vivek
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PEROZ, Christophe	AGENT, ALONG WITH RELATED	JANSEN, Roelof
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STACK FOR CLOUD COMPUTING	George, Tijin	(73) Microsoft Technology Licensing, LLC
RESOURCE SCHEDULING	Srinivasan, Kiran Nemmeli	(72) ANTONOPOULOS, Panagiotis
(73) Accenture Global Solutions Limited	Prem, Jeffrey David	RADU, Adrian-Leonard
(72) Srinivasan, Madhan	(31) 202117242448	KODAVALLA, Hanumantha Rao
Pv, Guruprasad	202117242429	BYRNE, Peter
Eisenstein, Michael	202117242399	CHEN, Wei
Desai, Vijay	202117242363	KODANDARAMAIH, Raghavendra
Purushothaman, Arun	202117242356	Thallam
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AGGARWAL, Neha	(22) 04.11.2021	MOREIRA, Carlos, Javier
PRABHAT, Naveen	(54) DATA CONNECTOR COMPONENT	GADELRAH, Serag, Monier
SRIVASTAVA, Nisheeth	FOR IMPLEMENTING INTEGRITY	WIERCIENSKI, Paul, Christopher John
ZAN, Xinyan	CHECKING, ANOMALY DETECTION,	MIRETSKY, Alexander
BHARGAVA, Ashish	AND FILE SYSTEM METADATA	ERNEWEIN, Kyle, John
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H04N 9/73	(73) HTC Corporation	(51) G06T 15/00
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TRIVETT, Ian	(31) 2017181601	(54) METHOD FOR PRODUCING
O'BRIEN, Stephen	(32) 21.09.2017	SEMICONDUCTOR INTEGRATED
HESSE, Anthony	(33) Japan	CIRCUIT DEVICES, AND
HENDERSON, Matt	(51) H01J 49/14	SEMICONDUCTOR INTEGRATED
CHUA, Alvin	H01J 49/04	CIRCUIT DEVICE
TAKÁTS, Zoltán	(11) EP3714481	(73) Floadia Corporation

(72) TANIGUCHI, Yasuhiro KAWASHIMA, Yasuhiko KASAI, Hideo SAKURAI, Ryotaro SHINAGAWA, Yutaka OKUYAMA, Kosuke	H01L 23/053 H01L 25/07 H01L 23/60 G01K 1/14 G01K 1/16 G01K 7/42 G06F 1/18 G06F 1/20 H01L 23/40 H02M 1/32 H02M 7/00	27.06.2019 (22) 19.11.2018 (54) CHIP ASSEMBLY AND METHOD OF MANUFACTURING THE SAME USING A MOLD ASSEMBLY, CAMERA AND ELECTRONIC DEVICE
(31) 2014211096 (32) 15.10.2014 (33) Japan	G06F 1/18 G06F 1/20 H01L 23/40 H02M 1/32 H02M 7/00	(73) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(51) H01L 21/336 H01L 29/78 H01L 29/08 H01L 29/10	(11) EP4068349 (21) EP21165837.2 (47) 20.09.2023 (22) 30.03.2021	(72) GONG, Jianglong (31) 201711377536 201721809499 U (32) 19.12.2017 19.12.2017
(11) EP3611765 (21) EP19188936.9 (47) 20.09.2023 (22) 29.07.2019	(54) POWER MODULE (73) Siemens Aktiengesellschaft (72) Jonas, Stephan Reichenbach, Norbert Trottmann, Jürgen	(33) China China
(54) METHOD OF FABRICATING A SEMICONDUCTOR DEVICE WITH LATCHUP IMMUNITY	(51) H01L 25/04 H01L 25/075 H01L 27/15 H01L 33/62	(51) H01L 27/15 H05B 45/20 (11) EP3590313 (21) EP18760286.7 (47) 20.09.2023
(73) Infineon Technologies AG (72) Nguyen, Chi Dong Rupp, Andreas	(37) H01L 25/04 H01L 25/075 H01L 27/15 H01L 33/62	(87) US2018018297 07.09.2018 (22) 15.02.2018
(31) 201816103160 (32) 14.08.2018 (33) United States of America	(11) EP4086956 (21) EP22181211.8 (47) 20.09.2023 (22) 08.10.2019	(54) LIGHT SOURCES THAT INCREASE OBJECT CHROMA WHEN DIMMED (73) The Penn State Research Foundation (72) HOUSER, Kevin (31) 201762608590 P 201762466035 P
(51) H01L 21/762 H01L 21/02	(54) METHOD FOR MANUFACTURING A STRETCHABLE DISPLAY DEVICE	(32) 21.12.2017 02.03.2017
(11) EP3821459 (21) EP19740463.5 (47) 20.09.2023 (87) US2019039714 16.01.2020	(73) LG Display Co., Ltd. (72) KIM, Seulki AHN, JiYoung	(33) United States of America United States of America
(22) 28.06.2019	(31) 20180148204 (32) 27.11.2018 (33) Korea (Republic)	(51) H01L 29/739 H01L 29/08 H01L 29/06 H01L 29/417 H01L 29/40 H01L 29/861 H01L 29/868 H01L 21/331 H01L 29/423 H01L 21/265 H01L 29/32 H01L 29/10
(54) RADIO FREQUENCY SILICON ON INSULATOR WAFER PLATFORM WITH SUPERIOR PERFORMANCE, STABILITY, AND MANUFACTURABILITY	(31) 20180148204 (32) 27.11.2018 (33) Korea (Republic)	(11) EP3480855 (21) EP18754605.6 (47) 20.09.2023 (87) JP2018005312 23.08.2018 (22) 15.02.2018
(73) GlobalWafers Co., Ltd. (72) SEACRIST, Michael R. STANDLEY, Robert W. LIBBERT, Jeffrey L. SREEDHARAMURTHY, Hariprasad JENSEN, Leif	(51) H01L 27/02 H01L 29/78 H01L 29/06 H01L 29/423 (11) EP3686929 (21) EP19153518.6 (47) 20.09.2023 (22) 24.01.2019	(54) SEMICONDUCTOR DIE (73) Infineon Technologies Dresden GmbH & Co. KG (72) WEYERS, Joachim
(31) 201862697474 P (32) 13.07.2018 (33) United States of America	(72) WEYERS, Joachim (51) H01L 27/146 (11) EP3555917 (21) EP17825302.7 (47) 20.09.2023 (87) JP2017044627 21.06.2018 (22) 12.12.2017	(11) EP3480855 (21) EP18754605.6 (47) 20.09.2023 (87) JP2018005312 23.08.2018 (22) 15.02.2018 (54) SEMICONDUCTOR DEVICE (73) Fuji Electric Co., Ltd. (72) YOSHIDA Soichi MIYATA Hiroshi
(51) H01L 21/768 H01L 29/66 H01L 29/78	(72) WEYERS, Joachim (51) H01L 27/146 (11) EP3555917 (21) EP17825302.7 (47) 20.09.2023 (87) JP2017044627 21.06.2018 (22) 12.12.2017	(11) EP3480855 (21) EP18754605.6 (47) 20.09.2023 (87) JP2018005312 23.08.2018 (22) 15.02.2018 (54) SEMICONDUCTOR DEVICE (73) Fuji Electric Co., Ltd. (72) YOSHIDA Soichi MIYATA Hiroshi
(11) EP3514836 (21) EP18209741.0 (47) 20.09.2023 (22) 28.08.2013	(54) IMAGING ELEMENT, METAL THIN FILM FILTER, AND ELECTRONIC DEVICE	(31) 2017026386 (32) 15.02.2017 (33) Japan
(54) GATE CONTACT STRUCTURE OVER ACTIVE GATE	(73) Sony Semiconductor Solutions Corporation	(51) H01L 29/778 H01L 29/423 H01L 29/40 (11) EP3008759 (21) EP14733486.6 (47) 20.09.2023 (87) US2014041171 18.12.2014 (22) 05.06.2014
(73) INTEL Corporation (72) PETHÉ, Abhijit Jayant GHANI, Tahir BOHR, Mark WEBB, Clair GOMEZ, Harry	(72) SUGIZAKI Tarō (31) 2016241254 (32) 13.12.2016 (33) Japan	(51) H01L 29/778 H01L 29/423 H01L 29/40 (11) EP3008759 (21) EP14733486.6 (47) 20.09.2023 (87) US2014041171 18.12.2014 (22) 05.06.2014
(31) 201213622974 (32) 19.09.2012 (33) United States of America	(51) H01L 27/146 (11) EP3712944 (21) EP18891020.2 (47) 20.09.2023 (87) CN2018116206	(51) H01L 29/778 H01L 29/423 H01L 29/40 (11) EP3008759 (21) EP14733486.6 (47) 20.09.2023 (87) US2014041171 18.12.2014 (22) 05.06.2014
(51) H01L 23/00 H01L 23/04 H01L 23/34	(11) EP3712944 (21) EP18891020.2 (47) 20.09.2023 (87) CN2018116206	(51) H01L 29/778 H01L 29/423 H01L 29/40 (11) EP3008759 (21) EP14733486.6 (47) 20.09.2023 (87) US2014041171 18.12.2014 (22) 05.06.2014

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(32) 18.09.2018	(31) 2023642	(87) US2019039053
(33) Japan	(32) 14.08.2019	02.01.2020
(51) H01M 4/133	(33) Netherlands	(22) 25.06.2019
H01M 4/48	(51) H01M 4/36	(54) ELECTROCHEMICAL ASSEMBLY
H01M 4/583	H01M 4/505	INCLUDING HEAT EXCHANGER
H01M 50/449	H01M 4/62	(73) Saint-Gobain Ceramics&Plastics, Inc.
H01M 50/46	H01M 10/0525	Fraunhofer-Gesellschaft zur Förderung
H01M 50/51	H01M 4/139	der angewandten Forschung e.V.
H01M 50/207	H01M 4/02	(72) FELDMAN, Brian, P.
H01M 50/249	H01M 4/1391	PIETRAS, John, D.
H01M 50/253	H01M 4/525	TAKAGI, Yuto
H01M 50/264	(11) EP4120394	MEGEL, Stefan
H01M 10/052	(21) EP21912319.7	SCHNETTER, Jens
H01M 10/056	(47) 20.09.2023	KUSNEZOFF, Mihails
H01M 50/463	(87) CN2021097631	(31) 201862689335 P
H01M 4/131	08.12.2022	(32) 25.06.2018
B60L 50/50	(22) 01.06.2021	(33) United States of America
H02J 7/00	(54) LITHIUM MANGANESE OXIDE	(51) H01M 8/04014
H01M 4/02	POSITIVE ELECTRODE ACTIVE	H01M 8/2475
(11) EP3836256	MATERIAL, POSITIVE ELECTRODE	H01M 8/04701
(21) EP20191463.7	PLATE CONTAINING SAME,	(11) EP3648215
(47) 20.09.2023	SECONDARY BATTERY AND BATTERY	(21) EP18824793.6
(22) 18.08.2020	MODULE	(47) 20.09.2023
(54) VEHICLE BODY MEMBER HAVING	(73) Contemporary Amperex Technology Co.,	(87) JP2018023531
CHARGING AND DISCHARGING	Limited	03.01.2019
FUNCTION	(72) OUYANG, Shaocong	(22) 20.06.2018
(73) HYUNDAI MOTOR COMPANY	FU, Chenghua	(54) FUEL CELL DEVICE
Kia Corporation	XIE, Tingzhen	(73) Dainichi Co., Ltd.
(72) SONG, Won Ki	WANG, Bo	KYOCERA Corporation
(31) 20190167266	(51) H01M 4/36	(72) OGURO, Hiroki
(32) 13.12.2019	H01M 4/62	YANAGIUCHI, Shintaro
(33) Korea (Republic)	H01M 4/38	OYANAGI, Tomoki
(51) H01M 4/134	H01M 4/58	SHIRAISHI, Shinpei
H01M 4/1395	H01M 4/60	(31) 2017129926
H01M 4/36	H01M 10/052	(32) 30.06.2017
H01M 4/38	H01M 10/42	(33) Japan
H01M 4/62	H01M 4/02	(51) H01M 8/04119
H01M 10/052	(11) EP3764439	B01D 63/04
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(47) 20.09.2023	(87) KR2019009380	(21) EP18894299.9
(87) KR2017011353	13.02.2020	(47) 20.09.2023
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(22) 13.10.2017	(54) SULFUR-CARBON COMPOSITE,	04.07.2019
(54) METHOD FOR PRODUCING A	PREPARATION METHOD THEREFOR,	(22) 28.12.2018
NEGATIVE ELECTRODE FOR LITHIUM	AND POSITIVE ELECTRODE AND	(54) FUEL CELL MEMBRANE HUMIDIFIER
ION SECONDARY BATTERIES	LITHIUM SECONDARY BATTERY	CAPABLE OF CONTROLLING FLOW
(73) LG Energy Solution, Ltd.	COMPRISING SAME	DIRECTION OF FLUID
(72) CHAE, Oh-Byong	(73) LG Energy Solution, Ltd.	(73) Kolon Industries, Inc.
WOO, Sang-Wook	(72) KIM, Bong Soo	(72) AN, Na-Hyeon
CHOI, Hee-Won	KIM, Soohyun	KIM, Kyoung-Ju
KIM, Eun-Kyung	JIN, Sun Mi	OH, Young-Seok
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(32) 13.10.2016	20180092206	AHN, Woong-Jeon
(33) Korea (Republic)	(32) 26.07.2019	(31) 20170184479
(51) H01M 4/134	08.08.2018	(32) 29.12.2017
H01M 4/1395	(33) Korea (Republic)	(33) Korea (Republic)
H01M 4/38	Korea (Republic)	(51) H01M 8/18
(11) EP4014266	(51) H01M 8/04007	H01M 8/0289
(21) EP20758357.6	H01M 8/04089	H01M 8/04186
(47) 20.09.2023	H01M 8/2432	H01M 8/04082
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(22) 13.08.2020	F28D 21/00	(47) 20.09.2023
(54) SILICON COMPOSITION MATERIAL	H01M 8/12	(87) IB2016053987
FOR USE AS BATTERY ANODE	(11) EP3811447	12.01.2017
(73) LEYDENJAR TECHNOLOGIES B.V.	(21) EP19824836.1	(22) 01.07.2016

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(73) Invinity Energy Systems (Ireland) Limited	WU, Kai	(31) 20190147068
(72) FASKIN, Keith	CHENG, Bo	(32) 15.11.2019
FORD, Graham	JU, Feng	(33) Korea (Republic)
(31) 201511695	(31) 201910854407	(51) H01M 10/42
(32) 03.07.2015	(32) 10.09.2019	H01M 50/107
(33) United Kingdom	(33) China	H01M 50/213
(51) H01M 10/04	(51) H01M 10/0567	H01M 50/227
H01M 10/0583	H01M 10/0569	H01M 50/244
H01G 11/12	H01M 10/0568	H01M 50/284
H01G 11/86	H01M 10/0525	H01M 50/507
H01M 10/0525	(11) EP3836282	H01M 50/517
H01M 50/46	(21) EP19868124.9	H01G 2/08
H01M 50/403	(47) 20.09.2023	H01G 11/10
H01M 50/406	(87) CN2019108601	H01G 11/18
H01M 50/431	02.04.2020	H05K 7/20
H01M 50/489	(22) 27.09.2019	(11) EP3673507
(11) EP3961780	(54) NON-AQUEOUS ELECTROLYTE,	(21) EP18750330.5
(21) EP21202322.0	LITHIUM ION BATTERY, BATTERY	(47) 20.09.2023
(47) 20.09.2023	MODULE, BATTERY PACK, AND	(87) EP2018025200
(22) 23.05.2013	DEVICE	28.02.2019
(54) FABRICATING METHOD OF	(73) Contemporary Amperex Technology Co.,	(22) 23.07.2018
ELECTRODE ASSEMBLY	Limited	(54) ENERGY STORAGE ASSEMBLY, AND
(73) LG Energy Solution, Ltd.	(72) LIANG, Chengdu	VEHICLE COMPRISING AN ENERGY
(72) PARK, Ji Won	FU, Chenghua	STORAGE ASSEMBLY
YOU, Seung Jae	CHEN, Peipei	(73) SEW-EURODRIVE GmbH & Co. KG
KO, Myung Hoon	FENG, Junmin	(72) SCHMIDT, Josef
BAN, Jin Ho	(31) 201811141736	SCHUMANN, Christian
LEE, Hyang Mok	(32) 28.09.2018	SCHÄFER, Jens
(31) 20120055074	(33) China	ZÖLLER, Thomas
(32) 23.05.2012	(51) H01M 10/058	HAUCK, Matthias
(33) Korea (Republic)	H01M 10/04	(31) 102017007831
(51) H01M 10/0565	H01M 10/647	(32) 22.08.2017
H01M 10/052	H01M 10/655	(33) Germany
H01M 50/491	H01M 50/103	(51) H01M 10/48
(11) EP3675266	(11) EP3958342	G01R 31/392
(21) EP20156874.8	(21) EP20791351.8	H01M 10/44
(47) 20.09.2023	(47) 20.09.2023	G01R 31/396
(22) 07.10.2016	(87) JP2020016396	H01M 10/42
(54) BATTERY CELL IN WHICH GELLED	22.10.2020	H01M 50/204
ELECTROLYTE COMPONENT IS	(22) 14.04.2020	(11) EP3989330
INCLUDED IN PORE OF SEPARATOR	(54) BATTERY	(21) EP20899938.3
CONFIGURING ELECTRODE	(73) Panasonic Intellectual Property	(47) 20.09.2023
ASSEMBLY	Management Co., Ltd.	(87) KR2020016898
(73) LG Energy Solution, Ltd.	(72) GOTOU, Toshiya	17.06.2021
(72) Lee, Ji Eun	KITAMURA, Toshiyasu	(22) 26.11.2020
Jeong, Hee Seok	TAJIMA, Mitsutoshi	(54) APPARATUS AND METHOD
Oh, Sei Woon	(31) 2019080244	FOR DIAGNOSING DEGREE OF
Lee, Eun Ju	(32) 19.04.2019	DEGRADATION OF BATTERY
(31) 20150140927	(33) Japan	(73) LG Energy Solution, Ltd.
(32) 07.10.2015	(51) H01M 10/42	(72) KIM, Ji-Yeon
(33) Korea (Republic)	G01N 27/416	KIM, Young-Deok
(51) H01M 10/0567	G01N 27/30	BAE, Yoon-Jung
H01M 10/0525	H01M 10/0587	(31) 20190164890
H01M 10/42	H01M 10/48	(32) 11.12.2019
H01M 10/0568	H01M 50/609	(33) Korea (Republic)
(11) EP3972030	H01M 10/052	(51) H01M 10/54
(21) EP20863544.1	H01M 50/152	B09B 3/00
(47) 20.09.2023	(11) EP4030527	C22B 1/00
(87) CN2020113973	(21) EP20886926.3	C22B 7/00
18.03.2021	(47) 20.09.2023	C22B 26/12
(22) 08.09.2020	(87) KR2020015368	C22B 3/16
(54) ELECTROLYTE, LITHIUM-ION	20.05.2021	(11) EP3364494
BATTERY COMPRISING SAID	(22) 05.11.2020	(21) EP16806280.0
ELECTROLYTE, BATTERY MODULE,	(54) DEVICE FOR MEASURING	(47) 20.09.2023
BATTERY PACK AND DEVICE	ELECTRODE POTENTIAL	(87) IB2016056189
(73) Contemporary Amperex Technology Co.,	(73) LG ENERGY SOLUTION, LTD.	20.04.2017
Limited	(72) JI, Sanggu	(22) 14.10.2016

(54) METHOD FOR ACID DISSOLUTION OF LICOO2 CONTAINED IN SPENT LITHIUM-ION BATTERIES	(51) H01M 10/615 H01M 10/653 H01M 10/663	(47) 20.09.2023 (87) CN2020135944 16.06.2022
(73) Consejo Nacional de Investigaciones Científicas Y Técnicas (CONICET) Universidad Nacional De Cuyo Inis Biotech LLC	H01M 10/647 H01M 10/6563 H01M 10/647 H01M 10/6566 H01M 10/613	(22) 11.12.2020 (54) BATTERY, ELECTRIC APPARATUS, AND METHOD FOR MANUFACTURING BATTERY
(72) RODRIGUEZ, Mario H. SUAREZ, Daniela S. PINNA, Eliana G. ZEBALLOS, Celina N.	H01M 10/052 H01M 50/202 H01M 50/233 H01M 50/227 H01M 50/211	(73) Contemporary Ampere Technology Co., Limited (72) ZHANG, Wenhui WANG, Kangyu QIAN, Mu XU, Wencai WANG, Zengzhong JI, Jinqing
(31) P150103322 (32) 14.10.2015 (33) Argentina	(11) EP3350852 (21) EP16727203.8 (47) 20.09.2023	(51) H01M 50/271 H01M 10/48
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(54) SELF-HEATING CONTROL METHOD AND APPARATUS FOR POWER BATTERY	(73) Stryker Corporation (72) HERSHBERGER, David DIEHL, Eric BROWN, Steve BENOIT, Heather (31) 201762517331 P (32) 09.06.2017 (33) United States of America	(51) H01M 50/417 H01M 50/446 H01M 50/457 H01M 10/052 H01M 10/42 H01M 50/431 H01M 50/434 H01M 50/451 H01M 50/489
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(73) LG Energy Solution, Ltd.	(54) GLAZING UNIT WITH ANTENNA UNIT	(72) Hwang, Soon-Ho
(72) KIM, Min Ji	(73) AGC Glass Europe	Park, Sung-Koo
NAM, Kwan Woo	AGC INC.	Lee, Kyung-Jae
LEE, Je An	AGC Flat Glass North America, Inc.	Byun, Joon-Ho
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2019365	(73) View, Inc.	SATELLITE ANTENNA WITH
2018779	(72) HUGHES, Harold	CIRCULAR POLARISATION
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(54) FREQUENCY SELECTIVE LIMITER	(73) SunSight Holdings, LLC	(32) 30.06.2019
(73) Raytheon Company	(72) WATTWOOD, James A.	(33) China
(72) MORTON, Matthew A.	BEETON, Evan	<hr/>
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		(72) SASAKI, Ai-ichiro
		KODATE, Junichi
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(22) 28.03.2019	ANTENNAS OPERABLE AT MULTIPLE	(54) SYSTEM COMPRISING AN
(54) PRINTED ANNULAR ANTENNA FOR	FREQUENCIES	ELECTRICAL TERMINAL HAVING
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(73) Swisscom AG	(72) QUARFOTH, Ryan G.	TERMINATION
(72) JAMALY, Nima	(31) 201862627140 P	(73) Fisher Controls International LLC
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(22) 29.09.2015	MANUFACTURING METHOD	(54) ELECTRICAL CONNECTOR
(54) COMMUNICATION EQUIPMENT	(73) Yazaki Corporation	(73) Mitsumi Electric Co., Ltd.
(73) Huawei Technologies Co., Ltd.	(72) Kimura, Syuji	(72) Endo, Kazuma
(72) DENG, Changshun	Okuda, Sadaharu	Sadohara, Hiroyuki
LIU, Chuan	Sugimoto, Terumitsu	Kanda, Takahiro
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YAN, Ji	(33) Japan	(33) Japan
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(73) Hubbell Incorporated (72) MILLER, William, Vernon (31) 201862703127 P (32) 25.07.2018 (33) United States of America	(51) H02J 3/00 H02J 3/30 (11) EP3782255 (21) EP18730313.6 (47) 20.09.2023 (87) EP2018064709 12.12.2019 (22) 05.06.2018 (54) ARRANGEMENT AND METHOD FOR STABILIZING AN ELECTRICAL ENERGY SUPPLY NETWORK	(51) H02J 7/00 (11) EP3836341 (21) EP20181651.9 (47) 20.09.2023 (22) 23.06.2020 (54) CHARGING CIRCUIT (73) Beijing Xiaomi Mobile Software Co., Ltd. (72) SUN, Changyu FAN, Jie (31) 201911280493 (32) 13.12.2019 (33) China
(51) H02J 1/10 H02J 4/00 (11) EP3176903 (21) EP16200390.9 (47) 20.09.2023 (22) 24.11.2016 (54) POWER DISTRIBUTION SYSTEM	(73) Siemens Energy Global GmbH & Co. KG (72) SPAHIC, Ervin (51) H02J 3/18 H02J 3/38 H02J 3/46 H02J 3/50 H02M 5/458 H02J 3/01 (11) EP3619785 (21) EP18794664.5 (47) 20.09.2023 (87) US2018030581 08.11.2018 (22) 02.05.2018 (54) ELECTRICAL POWER SYSTEMS HAVING REACTIVE POWER AND HARMONIC SUPPORT COMPONENTS	(51) H02J 15/00 C25B 15/023 H02J 3/38 C25B 15/02 C25B 1/50 C25B 9/70 C25B 15/00 C25B 1/04 (11) EP4074866 (21) EP19956081.4 (47) 20.09.2023 (87) JP2019048116 17.06.2021 (22) 09.12.2019 (54) WATER ELECTROLYSIS DEVICE AND WATER ELECTROLYSIS SYSTEM
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(73) Siemens Gamesa Renewable Energy A/S	(51) H02K 5/124	(51) H02K 41/02
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(47) 20.09.2023	(73) Jing-Jin Electric Technologies Co., Ltd	(73) ASML Netherlands B.V.
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(51) G01N 21/64	(73) FONS JK Group, a.s.	TOPGAARD, Daniel
G01N 21/86	(72) Cifkova, Eva	(74) ir. W.J.J.M. Kempes
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(54) FLUORESCENCE AND PHOSPHORESCENCE DETECTION DEVICE AND METHOD, AND PAPER-SHEET PROCESSING DEVICE	G06T 7/00	(54) AN IMAGING METHOD, AN APPARATUS IMPLEMENTING SAID METHOD, A COMPUTER PROGRAM AND A COMPUTER-READABLE STORAGE MEDIUM
(73) Glory Ltd.	A61B 5/00	(73) SUPERSONIC IMAGINE
(72) SATO, Takeshi	G06N 3/04	(72) FRASCHINI, Christophe
(74) J.M.H. Duyver lic.	G06N 3/08	(74) dr. R.C. van Duijvenbode c.s.
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(33) Japan	(21) EP20772042.6	G01S 7/487
(47) 28.06.2023	(22) 14.09.2020	(11) EP3712658
(51) G01N 23/04	(54) PREDICTING MRI IMAGES BY PREDICTION MODEL TRAINED BY SUPERVISED LEARNING	(21) EP20164578.5
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(11) EP3136087	UBER III, Arthur	(73) Nuctech Company Limited
(21) EP15782767.6	(74) ir. W.J.J.M. Kempes	Nuctech (Beijing) Company Limited
(22) 02.02.2015	(31) 19197989	(72) LI, Jian
(54) IMAGE ACQUISITION DEVICE AND IMAGE ACQUISITION METHOD	(32) 18.09.2019	SUN, Shangmin
(73) Hamamatsu Photonics K.K.	(33) European Patent Office (EPO)	YU, Weifeng
(72) SUYAMA Toshiyasu	(47) 07.06.2023	ZONG, Chunguang
ONISHI Tatsuya	(51) G01R 33/563	XU, Yanwei
(74) ir. H.A. Witmans c.s.	G01R 33/44	WANG, Yongming
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(32) 23.04.2014	G01N 24/08	(74) ir. H.A. Witmans c.s.
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	(21) EP16882195.7	(33) China
	(22) 22.12.2016	(47) 19.07.2023
	(54) METHOD OF EXTRACTING INFORMATION ABOUT A SAMPLE BY	(51) G01T 1/20
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(73) Shoji, Susumu	(73) Diligent Robotics, Inc.	CLIFTON, Daniel
Sanwa Techno Co., Ltd	(72) THOMAZ, Andrea Lockerd	AMIT, Gadi
(72) FUKUI, Kazuro	CHU, Vivian Yaw-Wen	SHARMA, Sameer
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(73) Hewlett-Packard Development Company, L.P.	G08G 1/16	H01Q 1/22
(72) LEE, Sang-hoon	G05D 1/00	H01Q 21/28
LEE, Seung-gweon	B60W 30/08	H01Q 5/328
YANG, Seung-beom	G08G 1/0968	(11) EP3968464
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(51) G05B 19/042	(73) Elta Systems Ltd.	WANG, Kemeng
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(73) Honeywell International Inc.	(47) 02.08.2023	(47) 14.06.2023
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MCLAUGHLIN, Paul Francis	H03C 3/00	G02B 27/00
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STEINMAN, Jethro Francis	H04B 1/40	A61B 5/0533
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(54) RESOURCE PRIORITIZATION	GHOSH, Santosh	METHOD
AND COMMUNICATION-CHANNEL	SHWARTSMAN, Stanislav	(73) Belron International Limited
ESTABLISHMENT	DURHAM, David M.	(72) FAROOQ, Abdul
(73) LIVEPERSON, INC.	DEUTSCH, Sergej	HALES, Ian
(72) MILLER, Grant Lawrence	(74) ir. W.J.J.M. Kempes	HANSEN, Mark
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(74) dr. R.C. van Duijvenbode c.s.	201962868884 P	SMITH, Melvyn
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(47) 14.06.2023	United States of America	(33) United Kingdom
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G06V 40/13	(51) G06K 7/10	(51) G06V 20/20
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(11) EP3764254	(21) EP17809358.9	(11) EP3127041
(21) EP18912750.9	(22) 01.12.2017	(21) EP15713715.9
(22) 26.03.2018	(54) DEVICE FOR READING BARCODES	(22) 30.03.2015
(54) FINGERPRINT UNLOCKING METHOD,	(73) Ziath Ltd	(54) METHOD AND APPARATUS FOR
AND TERMINAL	(72) DILKS, Ekaterina	IDENTIFYING A DRIVER BASED ON
(73) HUAWEI TECHNOLOGIES CO., LTD.	(74) ir. H.A. Witmans c.s.	SENSOR INFORMATION
(72) ZHOU, Jin	(31) 201712421	(73) HERE Global B.V.
ZHANG, Xi	(32) 02.08.2017	(72) TUUKKANEN, Marko
(74) ir. W.J.J.M. Kempes	(33) United Kingdom	(74) ir. W.J.J.M. Kempes
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H04L 9/14	G06T 5/10	(33) United States of America
G06Q 20/34	G02B 21/00	(47) 19.07.2023
G06Q 20/38	(11) EP3709257	(51) G06V 20/40
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H04L 9/32	(22) 03.03.2020	H04N 21/6547
(11) EP3731453	(54) METHOD FOR DECONVOLVING	H04N 21/458
(21) EP19750864.1	IMAGE DATA	H04N 21/234
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(54) INFORMATION PROCESSING DEVICE,	(72) KALININ, Stanislav	G06V 10/75
INFORMATION PROCESSING	KUDRYAVTSEV, Volodymyr	(11) EP3271865
METHOD, PROGRAM, AND	NOVIKAU, Yauheni	(21) EP16711914.8
INFORMATION PROCESSING SYSTEM	(74) ir. W.J.J.M. Kempes	(22) 11.02.2016
(73) Sony Group Corporation	(31) 102019203449	(54) DETECTING SEGMENTS OF A VIDEO
(72) TAKEMURA, Toshiharu	(32) 14.03.2019	PROGRAM
SHIMOJI, Katsuya	(33) Germany	(73) Netflix, Inc.
WANG, Yuhu	(47) 14.06.2023	(72) KANSARA, Apurvakumar
NAKATSURU, Tsutomu	(51) G06T 5/50	(74) dr. R.C. van Duijvenbode c.s.
(74) ir. W.J.J.M. Kempes	G06T 11/00	(31) 201514660894
(31) 2018018907	A61B 6/03	(32) 17.03.2015
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METHOD FOR CONTROLLING SAME	Jeon, Yongjoon	(73) GE Video Compression, LLC
(73) Lee, Myung Shin	(74) ir. F.A. Geurts c.s.	(72) KIRCHHOFFER, Heiner
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(11) EP2726230	A61K 8/37
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(51) B65G 1/04	A61K 36/18
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(51) A61H 33/02	A61K 36/53
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A61K 9/20	A61Q 7/00
A61K 9/28	A61Q 19/00
A61K 9/48	A61Q 19/08
A61K 9/50	A61Q 19/10
A61K 31/135	A61K 8/9789
A61K 47/38	(00) 12/22
A61P 37/06	23.03.2022
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(11) EP3984008	(11) EP4041083	
(00) 17.05.2023	(00) 17.05.2023	

VRB

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

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) ACO Ahlmann SE & Co. KG	(00) 30.08.2023	(00) Merge
(73) ACO Ahlmann SE & Co. KG	(51) C04B 18/24	(71) CardiacBooster BV
(11) 1038387	C04B 14/06	(73) CardiacBooster BV
(00) 01.09.2023	C04B 28/04	(11) EP3160528
(51) E03C 1/00	(00) Assignment	(00) 01.09.2023
F24D 17/00	(71) Royal Houdijk B.V.	(51) A61B 17/34
F28D 7/04	(73) Royal Houdijk B.V.	A61M 1/10
(00) Assignment	(11) 2015466	A61M 1/12
(71) Amunix Pharmaceuticals, Inc.	(00) 30.08.2023	(00) Assignment
(73) Amunix Pharmaceuticals, Inc.	(51) B65B 23/12	(71) KEMIN PROTEINS LLC
(11) EP2402754	B65G 17/26	(73) KEMIN PROTEINS LLC
(00) 01.09.2023	B65G 47/28	(11) EP2688415
(51) G01N 33/53	(00) Change of owner(s) name	(00) 31.08.2023
G01N 33/567	(71) CardiacBooster BV	(51) A23B 4/00
C12N 15/06	(73) CardiacBooster BV	A23J 1/02
(00) Change of owner(s) name	(11) 2021401	A23L 13/30
(71) MDxHealth SA	(00) 01.09.2023	A23L 13/50
(73) MDxHealth SA	(51) A61M 1/10	A23L 13/60
(11) EP2913405	A61M 1/12	(00) Change of Legal Entity
(00) 29.08.2023	(00) Assignment	(71) ACO Ahlmann SE & Co. KG
(51) C12Q 1/68	(71) ROCKWOOL A/S	(73) ACO Ahlmann SE & Co. KG
G01N 33/574	(73) ROCKWOOL A/S	(11) EP2453194
(00) Assignment	(11) EP2034101	(00) 01.09.2023
(71) Vitesco Technologies GmbH	(00) 01.09.2023	(51) F28D 7/02
(73) Vitesco Technologies GmbH	(51) E04B 9/30	(00) Assignment
(11) EP2440759	(00) Change of owner(s) name	(71) KEMIN PROTEINS LLC
(00) 30.08.2023	(71) KEMIN PROTEINS LLC	(73) KEMIN PROTEINS LLC
(51) F01N 13/18	(73) KEMIN PROTEINS LLC	(11) EP2555629
(00) Assignment	(11) EP2461706	(00) 31.08.2023
(71) Continental Emitec GmbH	(00) 31.08.2023	(51) A23B 4/12
(73) Vitesco Technologies GmbH	(51) A23J 1/02	A23B 4/14
(11) EP2440759	A23J 1/04	A23J 1/02
(00) 30.08.2023	A23L 13/40	A23J 1/04
(51) F01N 13/18	A23L 17/00	A23L 13/40
(00) Change of owner(s) name	(00) Change of Legal Entity	A23L 13/50
(71) Continental Automotive GmbH	(71) KEMIN PROTEINS LLC	A23L 13/60
(73) Vitesco Technologies GmbH	(73) KEMIN PROTEINS LLC	A23L 13/70
(11) EP2440759	(11) EP2797425	A23L 15/00
(00) 30.08.2023	(00) 31.08.2023	(00) Change of Legal Entity
(51) F01N 13/18	(51) A23L 13/50	(71) Royal Houdijk B.V.
(00) Assignment	(00) Change of Legal Entity	(73) Royal Houdijk B.V.
(71) Royal Houdijk B.V.	(71) CardiacBooster BV	(11) 2021021
(73) Royal Houdijk B.V.	(73) CardiacBooster BV	(00) 30.08.2023
(11) EP2172398	(11) 2022660	(51) A21C 9/08
(00) 30.08.2023	(00) 01.09.2023	A21C 15/00
(51) B65B 35/26	(51) A61M 1/10	(00) Change of owner(s) name
B65B 35/50	A61M 1/12	(71) TEIJIN FRONTIER CO., LTD.
B65G 57/32	(00) Assignment	(73) TEIJIN FRONTIER CO., LTD.
B65G 59/06	(71) ROCKWOOL A/S	(11) EP2487817
(00) Change of owner(s) name	(73) ROCKWOOL A/S	(00) 04.09.2023
(71) MDxHealth SA	(11) EP2784235	(51) H01P 3/02
(73) MDxHealth SA	(00) 01.09.2023	H04B 5/02
(11) EP2598659	(51) E04B 9/06	H04B 13/00
(00) 29.08.2023	E04B 9/20	(00) Assignment
(51) C12Q 1/68	(00) Change of owner(s) name	(71) SymbioPharm GmbH
G01N 33/574	(71) Aidence B.V.	(73) SymbioPharm GmbH
(00) Assignment	(73) Aidence B.V.	(11) EP3492089
(71) J.C. Willemsen Beheer B.V.	(11) 2019410	(00) 01.09.2023
(73) J.C. Willemsen Beheer B.V.	(00) 31.08.2023	(51) A61K 35/00
(11) 2021223	(51) G16H 30/40	A61P 17/00
	G16H 50/20	A61K 35/74

(00) Assignment	G16B 25/10
(71) Aidence B.V.	(00) Assignment
(73) Aidence B.V.	(71) Royal Houdijk B.V.
(11) 2021559	(73) Royal Houdijk B.V.
(00) 31.08.2023	(11) 2026053
(51) G16H 30/40	(00) 30.08.2023
G16H 50/20	(51) A21C 15/00
(00) Merge	A21C 15/02
(71) Royal Houdijk B.V.	B05C 5/02
(73) Royal Houdijk B.V.	(00) Change of owner(s) name
(11) 2027708	(71) Royal Houdijk B.V.
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(51) A21C 15/00	(11) EP3574761
A21C 15/02	(00) 30.08.2023
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(71) Royal Houdijk B.V.	A21C 9/08
(73) Royal Houdijk B.V.	B65G 47/248
(11) 2022601	(00) Change of owner(s) name
(00) 30.08.2023	(71) Aochuang Medical Technology (Hainan) Co., Ltd
(51) B65B 23/14	(73) Aochuang Medical Technology (Hainan) Co., Ltd
(00) Change of owner(s) name	(11) EP3654852
(71) MDxHealth SA	(00) 01.09.2023
(73) MDxHealth SA	(51) A61B 17/132
(11) EP3147373	A61F 5/32
(00) 29.08.2023	(00) Assignment
(51) C12Q 1/6886	(71) Illycaffè S.p.A.
(00) Assignment	(73) Illycaffè S.p.A.
(71) Royal Houdijk B.V.	(11) EP3813603
(73) Royal Houdijk B.V.	(00) 29.08.2023
(11) EP3350083	(51) A47J 31/36
(00) 30.08.2023	(00) Assignment
(51) B65B 23/12	(71) Krüger A/S
B65B 35/32	(73) Krüger A/S
B65B 35/36	(11) EP3504163
B65B 35/44	(00) 29.08.2023
B65B 57/00	(51) C02F 3/00
B65B 5/06	E03F 7/00
B65B 57/14	(00) Assignment
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(11) 2024981	(51) E05F 1/06
(00) 01.09.2023	(00) Assignment
(51) E02F 3/30	(71) ALSTOM Holdings
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E02F 3/34	(11) EP3895951
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(71) Royal Houdijk B.V.	B61D 23/02
(73) Royal Houdijk B.V.	B61F 3/00
(11) 2025345	(00) Assignment
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(51) B65B 35/56	(73) Cardio Thrive, Inc.
B65B 23/14	(11) EP3307152
B65B 35/10	(00) 15.09.2023
B65B 35/50	(51) A61N 1/04
B65B 65/00	A61N 1/39
B65G 47/08	A61N 1/36
B65G 47/244	(00) Assignment
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(71) MDxHealth SA	(11) EP3179393
(73) MDxHealth SA	(00) 29.08.2023
(11) EP3179393	(51) C12Q 1/68
(00) 29.08.2023	
(51) C12Q 1/68	

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) EP3110322	(11) EP3645925	(11) EP3650186
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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).