



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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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	170Heading SPC Contains data concerning applications for- or granted Supplementary Protection Certificates.	170
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Rubriek MED Bevat gegevens betreffende overige mededelingen.	173Heading MED Contains data concerning other communications.	173
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Rubriek UP1 Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking.	199Heading UP1 Contains data concerning European patents with registered Unitary Effect.	199
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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 patent register under the Patents Act 1995.**

(51) A01B 79/00 A01C 21/00 A01G 22/25	(72) Ruud Barth Bart Adrianus Johannes van Tuijl	Falin Zhou Heizhao Lin Zhong Huang Xiaolin Huang Lishi Yang Yundong Li
(21) 2028624 (22) 05.07.2021	(41) 16.01.2023	(41) 11.01.2023
(54) SIMPLIFIED ECOLOGICAL PLANTING METHOD OF COPTIS CHINENSIS FRANCH	(51) A01G 5/00 A01G 5/02 A01D 46/30 B65B 25/02	(31) 202111153375.8 (32) 29.09.2021 (33) China
(71) CHONGQING ACADEMY OF CHINESE MATERIA MEDICA	(21) 2028696 (22) 12.07.2021	(51) A01K 63/04 (21) 2031606 (22) 15.04.2022
(74) ir. W.J.J.M. Kempes	(54) Inrichting voor het oppakken en neerleggen van afzonderlijke bloemen, het oppakken en groeperen daarvan tot een bos en het deponeren van deze bos.	(54) OXYGEN CONE AND AQUACULTURE FACTORY SHIP OXYGENATION SYSTEM
(72) Yu Wang Daxia Chen Rangyu Mo Jun Tan Yuan Pan Jian Zhang	(71) Dero Beheer BV Jamafa Machinery BV	(71) Fishery Machinery and Instrument Research Institute, Chinese Academy of Fishery Sciences
(41) 11.01.2023	(74) mr. M.J.I. Koomen c.s.	(74) ir. M.B. Plaggenborg
(51) A01C 23/00 A01B 73/04	(72) Karel van Hattum Robert Jan Samson	(72) Yaoming Zhang Liqun Lin Zhiqiang Xu Haisheng Zou
(21) 1044084 (22) 05.07.2021	(51) A01G 9/22 (21) 2028623 (22) 05.07.2021	(41) 17.01.2023
(54) MESTINJECTEUR	(54) Scherminrichting met Afhang voor een Kas of Warenhuis	(51) A23N 7/02 (21) 2028625 (22) 05.07.2021
(71) EVERS AGRO b.v.	(71) Van der Valk Systemen B.V.	(54) Inrichting voor het schillen van groente of fruit, in het bijzonder voor het schillen van knolproducten
(72) Christiaan Seegers	(74) dr. R.C. van Duijvenbode c.s.	(71) Sormac B.V. (74) ir. A. Blokland c.s. (72) Willem Peter Frederic van de Ven Roy Rudolf Christian Hegger
(41) 11.01.2023	(72) Vincent Prins (41) 11.01.2023	(41) 11.01.2023
(51) A01D 82/00 (21) 2028652 (22) 07.07.2021	(51) A01J 5/017 A01K 1/12 (21) 2028641 (22) 06.07.2021	(51) A41D 19/015 (21) 2033326 (22) 17.10.2022
(54) A Type of Straw Throwing and Returning Device	(54) MELKINRICHTING EN WERKWIJZE VOOR HET MELKEN VAN EEN DIER	(54) THERMOELECTRIC DEVICE-BASED FIRE-FIGHTING GLOVE COOLING SYSTEM AND METHOD
(71) Inner Mongolia University	(71) A4 Agri A/S Christian Ørum Madsen	(71) CHINA ACADEMY OF SAFETY SCIENCE AND TECHNOLOGY
(74) dr. R.C. van Duijvenbode c.s.	(74) dr. ir. G.J.C. Verdijck c.s.	(74) ir. M.B. Plaggenborg
(72) Dejian Zhang Zhanyuan Lu Yuchen Cheng Jianguo Wang Xiangqian Zhang Juan Li Pu Wang Yufen Wang Xiaoqing Zhao Feng Xian Liyu Chen Rihua Xu Dongmei Ren Fengcheng Sun Jun Ye	(72) Jan Slager (41) 12.01.2023	(72) Honglei Che Jian Li Yanwei Gao Congling Shi Guolin Liu
(51) A01G 3/00 A01D 46/24 A01G 3/08	(51) A01K 61/59 A01K 61/80 G06T 5/00 G06T 7/00	(31) 202111383119.8 (32) 22.11.2021 (33) China
(21) 2028660 (22) 08.07.2021	(21) 2031382 (22) 23.03.2022	(51) A47B 57/20 A47B 96/14 A47B 96/02
(54) Harvesting device	(54) VERTICAL AUTOMATIC PRAWN CULTURE DEVICE AND CULTURE METHOD	(21) 2028695
(71) Saia Holding B.V.	(71) Shenzhen Base of South China Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences South China Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences	
(74) ir. J.C. Volmer c.s.	(74) dr. T. Wittop Koning PhD (72) Shigui Jiang Song Jiang Jianhua Huang	

(22) 12.07.2021	(41) 13.01.2023	(41) 13.01.2023
(54) Modular cabinet, carrier structure and shelf for such cabinet.	(51) A61K 41/00	(51) B29D 30/24
(71) Robrimaxx B.V.	A61K 41/13	B29D 30/26
(74) ir. H.Th. van den Heuvel c.s.	A61P 31/00	(21) 2028661
(72) Marinus Johannes Snoeren	(21) 2033728	(22) 08.07.2021
(41) 17.01.2023	(22) 15.12.2022	(54) Deck segment for a tire building drum, tire building drum comprising said deck segment and method of manufacturing said deck segment
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A47C 27/14	(71) Institute of Blood Transfusion Chinese Academy of Medical Sciences	(74) ir. F.A. Geurts c.s.
(21) 2028677	(74) ir. F.A. Geurts c.s.	(72) Martin de Graaf
(22) 09.07.2021	(72) Ling Li	Dave Papot
(54) SPRING MATTRESS AND METHOD OF MANUFACTURING A SPRING MATTRESS	Haixia Xu	(41) 16.01.2023
(71) Holding Jegomij B.V.	Zhong Liu	(51) B29D 30/26
Holding C.A.E. Jansen B.V.	Yundi Yin	B29D 30/00
(74) dr. ir. G.J.C. Verdijck c.s.	(31) 202111584844.1	G01M 17/02
(72) Jeroen Haarhuis	(32) 22.12.2021	(21) 2028684
(41) 16.01.2023	(33) China	(22) 09.07.2021
(51) A61B 5/00	(51) A62C 33/02	(54) Tire unloading unit for unloading a green tire
A61B 5/11	(21) 2028656	(71) VMI Holland B.V.
(21) 2028690	(22) 07.07.2021	(74) ir. F.A. Geurts c.s.
(22) 09.07.2021	(54) Hose drain device	(72) Antonie Slots
(54) Monitoring device, assembly of said monitoring device with a support, and monitoring system	(71) Innovative Fire Fighting Solutions B.V.	(41) 16.01.2023
(71) Momo Medical Holding B.V.	(74) ir. H.A. Witmans c.s.	(51) B33Y 30/00
(74) ir. A. Blokland c.s.	(72) Kristijan Gecan	B22F 10/28
(72) Menno Laurens Gravemaker	(41) 13.01.2023	B22F 10/36
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Danny Eldering	G01N 21/76	B33Y 10/00
(41) 16.01.2023	(21) 2033192	B33Y 50/02
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(21) 1044098	(71) Yunnan Tobacco Quality Supervision and Testing Station	(22) 08.07.2021
(22) 12.07.2021	(74) ir. W.J.J.M. Kempes	(54) An apparatus and method for producing an object by means of additive manufacturing
(54) A TRAINING AND MONITORING SYSTEM FOR INCONTINENCE	(72) Huimin Deng	(71) Additive Industries B.V.
(71) LifeSense Group B.V.	Dezhi Yang	(74) ir. A. Blokland c.s.
(72) Dr Valer Pop	Wenyong Huang	(72) Mark Alan Beard
Matheus Johannes Maria Tutelaers	Jie Song	(41) 16.01.2023
Daan Matthijsse	Chunqiong Wang	(51) B41N 3/00
(51) A61B 8/00	Haowei Sun	B65G 49/06
A61B 8/08	Yan Zhang	G03F 7/30
(21) 2028640	Dan Chen	(21) 2028683
(22) 06.07.2021	Yaling Yang	(22) 09.07.2021
(54) Robotized imaging system	Li Chen	(54) Apparatus and methods for manipulating plates
(71) Corbotics B.V.	Ke Zhang	(71) Xeikon Prepress N.V.
(74) ir. A.R. Aalbers	Xiaodong Yin	(74) dr. ir. G.J.C. Verdijck c.s.
(72) Eelko Ronner	Keqiang Li	(72) Bart Marc Luc Wattyn
Robert Riezebos	Yuemao Wang	(41) 16.01.2023
Kenrick Trip	Xiaodong Hu	(51) B60G 9/00
Fabian Ballast	Yunfang Zhao	B60G 11/27
Ying Zhang	(31) 202210962449.0	(21) 2028627
Janne Willems van Dijk	(32) 11.08.2022	(22) 05.07.2021
Nick van Stijn	(33) China	(54) Wheel axle suspension with axle lift
Rembrandt Klazinga	(51) B09B 1/00	(71) VDL Weweler B.V.
Sandeep Dhareendra Patil	C10L 3/08	(74) ir. J.C. Volmer c.s.
(41) 12.01.2023	(21) 1044095	(72) Tom Schrier
(51) A61G 13/10	(22) 07.07.2021	(71) Derk Geert Aalderink
(21) 2028657	(54) Permanent vastleggen van CO2 compensatie door ondergrondse opslag van biomassa.	(41) 11.01.2023
(22) 08.07.2021	(71) Melle Schram	(51) B60L 50/60
(54) Surgical operation unit with local operation field	ir renze anne schram	B60L 58/20
(71) SURGICUBE IP B.V.	(74) drs. C.H. Mink-Lindenburg	(21) 2028626
(74) dr. R.C. van Duijvenbode c.s.	(72) ir renze anne schram	(22) 05.07.2021
(72) Gerrit Jan Vijfvinkel	Melle Schram	

(54) A utility vehicle and a method of using the utility vehicle	(71) Shandong Luci Industrial Technology Co., Ltd.	(54) HIGH TEMPERATURE-RESISTANT AND UNIVERSAL METAL-DEPENDENT PROTEASE AND USE THEREOF
(71) Abemec B.V.	(74) ir. M.B. Plaggenborg	(71) Zhejiang University
(74) ir. A. Blokland c.s.	(72) Jianhua Zhang	(74) ir. M.B. Plaggenborg
(72) Cornelis Woltherus Hendricus Loeffen	Jingsheng Chen	(72) Yuejin Hua
(41) 11.01.2023	Jingfeng Chen	Jianling Cai
(51) B60L 53/66	Wuhai Lu	Liangyan Wang
B60L 53/62	(31) 202110787520.1	Chaoming Pan
B60L 53/63	(32) 13.07.2021	(31) 202110791706.4
B60L 53/67	(33) China	(32) 13.07.2021
(21) 2028655	(51) C02F 3/28	(33) China
(22) 07.07.2021	C10L 3/08	(51) E01C 13/08
(54) Method and system for controlling an amount of charging resources available to a plurality of electric vehicle supply equipments	(21) 2030634	(21) 2028688
(71) GreenFlux Assets B.V.	(22) 21.01.2022	(22) 09.07.2021
(74) ir. A.R. Aalbers	(54) VERBETERDE WERKWIJZE VOOR HET LANGDURIG OPSLAAN VAN CO2 HOUDEND ORGANISCH MATERIAAL IN EEN ONDERGRONDSE RUIMTE EN TEVEN HET STABILISEREN VAN EEN ZOUTCAVERNE.	(54) Sports Surface with a Pile Layer Comprising Loops
(72) Lennart Frans Verheijen	(71) Melle Schram	(71) Ten Cate Thiolon B.V.
Max Emile van der Leest	Renze Anne Schram	(74) dr. R.C. van Duijvenbode c.s.
(51) B62B 7/08	(74) drs. C.H. Mink-Lindenburg	(72) Colin Young
B62B 7/14	(72) Melle Schram	Hein Anton Heerink
B62B 9/12	Renze Anne Schram	Michael Rene Vogel
B62B 7/08	(41) 16.01.2023	Niels Gerhardus Kolkman
B62B 7/14	(31) 1044095	Salil Sethunath
B62B 9/26	(32) 07.07.2021	(41) 16.01.2023
A47D 9/00	(33) Netherlands	(51) E01F 8/00
A47D 13/02	(51) C02F 3/34	E01C 1/00
A47D 1/02	C12N 1/20	(21) 2028636
B62B 9/20	(21) 2028651	(22) 06.07.2021
(21) 2032196	(22) 07.07.2021	(54) Inrichting voor het reduceren van geluid
(22) 18.12.2020	(54) COMPOSITE MICROBIAL AGENT FOR NITROGEN REMOVAL BY DENITRIFICATION AND PREPARATION METHOD AND USE THEREOF	(71) 4Silence B.V.
(54) Foldable stroller, foldable bassinet, foldable seat, stroller and stroller and luggage system	(71) QUFU NORMAL UNIVERSITY	(74) ir. B.J. 't Jong
(62) 2027160 (18.12.2020)	(74) ir. W.J.J.M. Kempes	(72) Ysbrand Hans Wijnant
(71) Royalty Bugaboo GmbH	(72) Ge Yang	(41) 12.01.2023
(74) ir. J.C. Volmer c.s.	Chengchuan Che	(51) E02B 15/04
(72) Marco Willem Hendricus Nieuwenhuizen	Jinfeng Liu	E02B 15/10
Mattijs Hogeland	Zhijin Gong	(21) 2032393
Daan Jans Vos	Shengge Liu	(22) 06.07.2022
(51) B63B 27/14	Xiaochi An	(54) EXTRACTOR WITH DUAL BUOYANCY SYSTEM
B63B 17/00	(41) 13.01.2023	(71) JIANGSU ZHONGKE JIYE ENVIRONMENTAL TECHNOLOGY CO., LTD
(21) 2028664	(51) C05D 3/02	(74) drs. C.M.A. Quintelier
(22) 08.07.2021	C05F 3/00	(72) Jiaqi Hu
(54) A motion compensating supporting structure and a vessel	C05G 1/00	Jianping Jiang
(71) Ampelmann Holding B.V.	C05D 9/02	Ying Jiang
(74) ir. H.A. Witmans c.s.	C05F 11/02	Weibing Feng
(72) Rik van den Ende	C05F 11/08	(31) 202110765695.2
(41) 16.01.2023	C05F 11/10	(32) 07.07.2021
(51) B65F 3/00	(21) 2028673	(33) China
(21) 2028755	(22) 09.07.2021	(51) E04F 15/18
(22) 16.07.2021	(54) SOIL RESTORING FERTILIZER OF HIGH DRY CONTENT AND METHOD FOR PRODUCING THE SAME	E04F 15/20
(54) Refuse collection vehicle	(71) 73CB6 BV	(21) 2028653
(71) GEESINK B.V.	(72) Eduard Alexander Valk	(22) 07.07.2021
(74) ir. J.C. Volmer c.s.	Paul Robert Wolschrijn	(54) Support layer configured to provide acoustic and/or thermal insulation
(72) Mike Wardenier	(41) 16.01.2023	(71) Blace International B.V.
Jasper Alexander Coster	(51) C12N 15/57	(74) dr. ir. G.J.C. Verdijck c.s.
Ivan Theodoor Roosendaal	C12N 15/70	(72) Yannick Koreman
Deonicius Johannes Niessen	C12N 9/52	(41) 13.01.2023
(51) B66C 1/06	(21) 2032449	(51) E05D 15/10
(21) 2032477	(22) 12.07.2022	(21) 2028697
(22) 13.07.2022	(54) INTELLIGENT ELECTROMAGNETIC HOIST	(22) 12.07.2021
(54) INTELLIGENT ELECTROMAGNETIC HOIST		(54) Sliding door system.
		(71) Oahu B.V.
		Ventura Systems C.V.

(74) ir. J.C. Volmer c.s. (72) Hilbrand Hans Asjes (41) 17.01.2023	(74) ir. J.C. Volmer c.s. (72) Johnny Antonius Jacobus Wiggemans Marcel Gerardus Maria Nieuwenhuis (41) 17.01.2023	(51) G01C 5/00 (21) 2033605 (22) 23.11.2022
(51) E21B 17/07 (21) 2031844 (22) 12.05.2022 (54) DAMPENING THE ACTUATION SPEED OF A DOWNHOLE TOOL	(51) F16L 55/1645 F16L 55/165 (21) 2028654 (22) 07.07.2021 (54) A method of providing surface with a liquid tight barrier	(54) A CORRUGATED PIPE GROUND SUBSIDENCE MONITORING AND EARLY WARNING SYSTEM AND METHOD
(71) Halliburton Energy Services, Inc. (74) dr. ir. F.M. van Bouwelen (72) Bruce Edward Scott James D. Vick Jr Kevin Robin Passmore (31) PCT/US2021/041412 US 17/374,088 (32) 13.07.2021 13.07.2021 (33) United States of America United States of America	(71) CT PLATON B.V. (74) ir. W.J.J.M. Kempes (72) Willem Ad Johannes de Groot (41) 13.01.2023	(71) HUANENG RENEWABLES CORPORATION LIMITED HEBEI BRANCH (74) dr. R.C. van Duijvenbode c.s. (72) Guipeng Li Changjiang Zhao Huanyu Wu Qiang Qiao Tao Wu Haiyu Zhao
(51) F03D 3/04 F03D 3/06 (21) 2028678 (22) 09.07.2021 (54) VERTICAL AXIS WIND TURBINE	(51) F16M 11/04 (21) 2028635 (22) 06.07.2021 (54) Systeem voor het positioneren van een beeldscherm.	(31) 2022112916297 (32) 20.10.2022 (33) China
(71) IF-Adamas B.V. (74) dr. ir. G.J.C. Verdijck c.s. (72) Frederikus Hendrikus Gerardus Uytdewilligen (41) 16.01.2023	(71) Vogel's IP B.V. (74) ir. A. Blokland c.s. (72) Ewald van Kuijk Alwin Einar van der Wolf (41) 12.01.2023	(51) G01N 1/28 H01J 37/20 G01N 33/487 (21) 2028670 (22) 08.07.2021 (54) Thin-film-based assembly.
(51) F03D 3/06 F03D 9/46 (21) 2028633 (22) 06.07.2021 (54) NOISE REDUCING WIND TURBINE AND A ROW OF SUCH TURBINES	(21) 1044092 (22) 07.07.2021 (54) Verlichtingsinrichting in het bijzonder geschikt voor toepassing als lichtbron in parkeergarage	(71) Vitrotem B.V. (74) ir. G.P. den Braber (72) Pauline Martha Gerardina van Deursen (41) 16.01.2023
(71) Mike Roele (74) ir. P.J.P. Janssen (72) Mike Roele (41) 12.01.2023	(71) Venver B.V. (72) J.J. van Dijk (41) 13.01.2023	(51) G01N 21/3577 (21) 2032316 (22) 29.06.2022 (54) A device for real-time monitoring the microscopic dynamic process of hydrate by in-situ ATR FTIR and its application method
(51) F03D 3/06 F03D 9/46 (21) 2028634 (22) 06.07.2021 (54) NOISE REDUCING WIND TURBINE AND A ROW OF SUCH TURBINES	(51) F21V 23/00 F21V 33/00 (21) 1044091 (22) 07.07.2021 (54) Systeem voor het verdelen van leidingen, kabels en eindapparaten voor verlichting, beveiliging, bewaking etc. via het plafond van een parkeerverdieping van een parkeergarage	(71) Qilu University of Technology (74) ir. W.J.J.M. Kempes (72) Yinghua Gong Tianduo Li Min Cui Wei Hu Yingzhou Li Vladimir Arnoldovich Vinokurov Andrey Stoporev Anton Semenov (31) 202110776892.4 (32) 09.07.2021 (33) China
(71) Mike Roele (74) ir. P.J.P. Janssen (72) Mike Roele (41) 12.01.2023	(51) F23N 1/02 (21) 2028637 (22) 06.07.2021 (54) Premix gas burner system and method	(51) G01N 21/90 G01N 25/72 (21) 1044085 (22) 05.07.2021 (54) Werkwijze voor het inspecteren en controleren van één of meerdere mallen in een glasproductieproces
(51) F03D 13/25 E02B 17/00 (21) 1044094 (22) 07.07.2021 (54) SYSTEEM EN WERKWIJZE VOOR HET AANBRENGEN VAN EEN CONSTRUCTIE-ELEMENT ONDER WATER	(71) BEKAERT COMBUSTION TECHNOLOGY B.V. (74) ir. J.C. Volmer c.s. (72) Geert Folkers Gerben van Vliet Camillo Marino Josef Hogenbirk Marc Bus (41) 12.01.2023	(71) Cortex Glass B.V. (72) Mark Edwin Holtkamp Teunis René Brummelman (41) 11.01.2023
(71) Marine Innovators B.V. (72) Ir. Jan Lanser (41) 13.01.2023	(51) F41A 33/00 F42B 8/12 F41A 9/82 (21) 2028658 (22) 08.07.2021 (54) A howitzer training gun	(51) G01N 21/95 G06V 20/66 G06V 10/44 B65H 23/18 B65B 1/30 G06V 10/14 (21) 2028667
(51) F04B 53/16 F04B 53/08 F04C 29/04 (21) 2028698 (22) 12.07.2021 (54) High voltage motor-pump unit (71) Power Packer North America, Inc.	(71) Van Halteren Metaal B.V. (74) mr. ir. J. van Breda c.s. (72) Eduard Noorlander (41) 16.01.2023	

(22) 08.07.2021	Fengli Yang	(54) PTbot: Biomechanics-Aware Physical Therapy Robot
(54) Infeed and outfeed apparatus for a drugs pouch processing system and a drugs pouch processing system comprising such infeed or outfeed apparatus	(41) 16.01.2023	(71) Technische Universiteit Delft
(71) ZiuZ Holding B.V.	(51) G03F 7/20	(74) drs. P.A. van Essen c.s.
(74) ir. A.R. Aalbers	(21) 2032344	(72) Ajay Seth
(72) Dries Johannes Pruijboom	(22) 30.06.2022	Luka Peternel
Johannes van Duijne	(54) ELECTROMAGNETIC MOTOR SYSTEM, POSITION CONTROL SYSTEM, STAGE APPARATUS, LITHOGRAPHIC APPARATUS, METHOD OF DETERMINING A	Joseph Micah Prendergast
(41) 16.01.2023	MOTOR-DEPENDENT COMMUTATION MODEL FOR AN ELECTROMAGNETIC MOTOR	Stephan Balvert
(51) G01N 21/95	(71) ASML Netherlands B.V.	Tom Driessen
G06V 20/66	(74) ir. A.J.M. van Hoef	(41) 16.01.2023
G06V 10/44	(72) Hans Butler	(51) H01G 11/30
G06V 10/14	(31) 21184807.2	H01G 11/86
B65H 23/18	(32) 09.07.2021	(21) 2030755
B65B 1/30	(33) European Patent Office (EPO)	(22) 27.01.2022
B65H 23/04	(51) G03F 7/20	(54) TRANSPARENT FLEXIBLE ZINC-ION HYBRID CAPACITOR WITH ELECTRIC FIELD SENSING FUNCTION AND PREPARATION METHOD THEREOF
(21) 2028666	(21) 2032345	(71) Anhui University
(22) 08.07.2021	(22) 30.06.2022	(74) ir. M.B. Plaggenborg
(54) A drugs pouch processing system	(54) A POSITION MEASUREMENT SYSTEM, A POSITIONING SYSTEM, A LITHOGRAPHIC APPARATUS, AND A DEVICE MANUFACTURING METHOD	(72) Siliang Wang
(71) ZiuZ Holding B.V.	(71) ASML Netherlands B.V.	Yang Lin
(74) ir. A.R. Aalbers	(74) ir. A.J.M. van Hoef	Qitao Yu
(72) Dries Johannes Pruijboom	(72) Marcus Adrianus van de Kerkhof	Lihao Li
Johannes van Duijne	(31) 21184382.6	Wei Zeng
(41) 16.01.2023	(32) 07.07.2021	Xiaohui Guo
(51) G01N 33/53	(33) European Patent Office (EPO)	(31) 202110774048.8
G01N 33/58	(51) G06T 7/60	(32) 08.07.2021
(21) 2031621	(21) 2028679	(33) China
(22) 19.04.2022	(22) 09.07.2021	(51) H01L 31/0747
(54) A EUGENOL TIME-RESOLVED FLUORESCENCE IMMUNOCHROMATOGRAPHIC TEST STRIP AND A PREPARATION METHOD THEREOF	(54) A vision system for providing data related to the plant morphology of a plant using deep learning, as well as a corresponding method.	(21) 2028691
(71) Zhejiang Gongshang University	(71) VBTI Group B.V.	(22) 10.07.2021
(74) drs. C.M.A. Quintelier	(74) ir. A. Blokland c.s.	(54) Electron Transport Layer- and/or Hole Transport Layer-Free Silicon HeteroJunction Solar Cells
(72) Renyao Jin	(72) Albertus Josephus Nicolaas van Breemen	(71) Technische Universiteit Delft
Xiaoxia Liu	(41) 16.01.2023	(74) drs. P.A. van Essen c.s.
Lu Zhai	(51) G11C 5/06	(72) Yifeng Zhao
Jiacheng Yang	G11C 7/10	Luana Mazzarella
(41) 17.01.2023	(21) 2032113	Paul Alejandro Procel Moya
(51) G01R 31/3181	(22) 09.06.2022	Olindo Isabella
G01R 31/28	(54) STACKED MEMORY CHIP SOLUTION WITH REDUCED PACKAGE INPUTS/OUTPUTS (I/O)	Miroslav Zeman
G01R 31/311	(71) Intel Corporation	(41) 17.01.2023
(21) 2028645	(74) dr. A. Krebs	(51) H01S 5/0683
(22) 06.07.2021	(72) Dimitrios Ziakas	H01S 5/068
(54) Single Event Effect Test Laser Facility for Integrated Circuits used in Aerospace	Shigeki Tomishima	(21) 2028674
(71) National Space Science Center - Chinese Academy of Sciences	Chong J. Zhou	(22) 09.07.2021
(74) S. Eeckhaoudt PhD	James A. McCall	(54) Laser diode arrangement, method of operating a laser diode and scanning microscope device comprising a laser diode
(72) Yingqi Ma	Kuljit S. Bains	(71) Nearfield Instruments B.V.
Shipeng Shangguan	(31) 17/372,298	(74) ir. H.A. Witmans c.s.
Jianwei Han	(32) 09.07.2021	(72) Taras Piskunov
Xiang Zhu	(33) United States of America	Hamed Sadeghian Marnani
(41) 12.01.2023	(51) G16H 20/30	Arseniy Kalinin
(51) G01V 99/00	G16H 50/50	Kevin Henri Louis Makles
(21) 2028671	A61H 1/02	Maarten Eduard van Reijzen
(22) 08.07.2021	(21) 2028669	(41) 16.01.2023
(54) Quantitative Evaluation Method for Seamount Cobalt-rich Crusts Resource	(22) 08.07.2021	(51) H02J 3/14
(71) The First Institute of Oceanography, MNR Pilot National Laboratory for Marine Science and Technology (Qingdao)		H02J 13/00
(74) S. Eeckhaoudt PhD		(21) 1044093
(72) Dewen Du		(22) 07.07.2021
Shijuan Yan		(54) ENERGY MANAGEMENT SYSTEM
Gang Yang		(71) Eqtec International B.V.
		(72) Jeremy Arthur van der Heiden
		(51) H02S 20/32

- (21) 2033635
(22) 29.11.2022
(54) A PHOTOVOLTAIC SUPPORT
(71) HUANENG RENEWABLES
CORPORATION LIMITED HEBEI
BRANCH
(74) dr. R.C. van Duijvenbode c.s.
(72) Qiang Qiao
Chunxing Ding
Conggui Duan
Yi Liu
Haiyu Zhao
Junbin Zheng
(31) 2022111806069
(32) 27.09.2022
(33) China
-
- (51) H04R 25/00
(21) 2028629
(22) 06.07.2021
(54) Biomimetic microphone and cochlear
implant comprising said biomimetic
microphone
(71) Stichting Radboud Universiteit
(74) drs. P.A. van Essen c.s.
(72) Martijn Agterberg
-
- (51) H04W 4/021
H04W 4/80
(21) 1044096
(22) 08.07.2021
(54) Werkwijze voor het maken van een
locatiegebonden verbinding tussen een
smartphone en een andere smartphone
of computer, gebruikmakend van een
lokale activatietag
(71) Silk Road B.V.
(74) ir. A. Blokland c.s.
(72) Ruud Diterwich
(41) 13.01.2023
-
- (51) H05G 2/00
G03F 7/20
(21) 2032075
(22) 03.06.2022
(54) TARGET SUBSTANCE
REPLENISHMENT DEVICE, EXTREME
ULTRAVIOLET LIGHT GENERATION
APPARATUS, AND ELECTRONIC
DEVICE MANUFACTURING METHOD
(71) GIGAPHOTON INC.
(74) ir. H.Th. van den Heuvel c.s.
(72) Hideki Shishiba
Yutaka Shiraishi
(31) 2021-114988
(32) 12.07.2021
(33) Japan
-

NP2

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

(51) A01B 79/00 A01C 21/00 A01G 22/25 (11) 2028624 (47) 11.01.2023 (22) 05.07.2021 (54) SIMPLIFIED ECOLOGICAL PLANTING METHOD OF COPTIS CHINENSIS FRANCH (73) CHONGQING ACADEMY OF CHINESE MATERIA MEDICA (72) Yu Wang Daxia Chen Rangyu Mo Jun Tan Yuan Pan Jian Zhang (74) ir. W.J.J.M. Kempes	(74) ir. J.C. Volmer c.s. (51) A01G 9/22 (11) 2028623 (47) 11.01.2023 (22) 05.07.2021 (54) Scherminrichting met Afhang voor een Kas of Warenhuis (73) Van der Valk Systemen B.V. (72) Vincent Prins (74) dr. R.C. van Duijvenbode c.s. (51) A01J 5/017 A01K 1/12 (11) 2028641 (47) 12.01.2023 (22) 06.07.2021 (54) MELKINRICHTING EN WERKWIJZE VOOR HET MELKEN VAN EEN DIER (73) A4 Agri A/S Christian Ørum Madsen (72) Jan Slager (74) dr. ir. G.J.C. Verdijck c.s. (51) A01K 61/59 A01K 61/80 G06T 5/00 G06T 7/00 (11) 2031382 (47) 11.01.2023 (22) 23.03.2022 (54) VERTICAL AUTOMATIC PRAWN CULTURE DEVICE AND CULTURE METHOD (73) Shenzhen Base of South China Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences South China Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences (72) Shigui Jiang Song Jiang Jianhua Huang Fallin Zhou Heizhao Lin Zhong Huang Xiaolin Huang Lishi Yang Yundong Li (74) dr. T. Wittop Koning PhD (31) 202111153375.8 (32) 29.09.2021 (33) China	(72) Yaoming Zhang Liquan Lin Zhiqiang Xu Haisheng Zou (74) ir. M.B. Plaggenborg (51) A23N 7/02 (11) 2028625 (47) 11.01.2023 (22) 05.07.2021 (54) Inrichting voor het schillen van groente of fruit, in het bijzonder voor het schillen van knolproducten (73) Sormac B.V. (72) Willem Peter Frederic van de Ven Roy Rudolf Christian Hegger (74) ir. A. Blokland c.s. (51) A47B 57/20 A47B 96/14 A47B 96/02 (11) 2028695 (47) 17.01.2023 (22) 12.07.2021 (54) Modular cabinet, carrier structure and shelf for such cabinet. (73) Robrimaxx B.V. (72) Marinus Johannes Snoeren (74) ir. H.Th. van den Heuvel c.s. (51) A47C 27/06 A47C 27/14 (11) 2028677 (47) 16.01.2023 (22) 09.07.2021 (54) SPRING MATTRESS AND METHOD OF MANUFACTURING A SPRING MATTRESS (73) Holding Jegomij B.V. Holding C.A.E. Jansen B.V. (72) Jeroen Haarhuis (74) dr. ir. G.J.C. Verdijck c.s. (51) A61B 5/00 A61B 5/11 (11) 2028690 (47) 16.01.2023 (22) 09.07.2021 (54) Monitoring device, assembly of said monitoring device with a support, and monitoring system (73) Momo Medical Holding B.V. (72) Menno Laurens Gravemaker Thomas Daniël Bakker Danny Eldering (74) ir. A. Blokland c.s. (51) A61B 5/20 A61F 13/42 (11) 1044098 (47) 17.01.2023 (22) 12.07.2021 (54) A TRAINING AND MONITORING SYSTEM FOR INCONTINENCE (73) LifeSense Group B.V.
(51) A01G 3/00 A01D 46/24 A01G 3/08 (11) 2028660 (47) 16.01.2023 (22) 08.07.2021 (54) Harvesting device (73) Saia Holding B.V. (72) Ruud Barth Bart Adrianus Johannes van Tuijl	(51) A01K 63/04 (11) 2031606 (47) 17.01.2023 (22) 15.04.2022 (54) OXYGEN CONE AND AQUACULTURE FACTORY SHIP OXYGENATION SYSTEM (73) Fishery Machinery and Instrument Research Institute, Chinese Academy of Fishery Sciences	

(72) Dr Valer Pop Matheus Johannes Maria Tutelaers Daan Matthijse	(47) 16.01.2023 (22) 09.07.2021 (54) Tire unloading unit for unloading a green tire	Max Emile van der Leest (74) ir. A.R. Aalbers
(51) A61B 8/00 A61B 8/08 (11) 2028640 (47) 12.01.2023 (22) 06.07.2021 (54) Robotized imaging system (73) Corbotics B.V. (72) Eelko Ronner Robert Riezebos Kenrick Trip Fabian Ballast Ying Zhang Janne Willems van Dijk Nick van Stijn Rembrandt Klazinga Sandeep Dhareendra Patil	(73) VMI Holland B.V. (72) Antonie Slots (74) ir. F.A. Geurts c.s. (51) B33Y 30/00 B22F 10/28 B22F 10/36 B22F 10/366 B33Y 10/00 B33Y 50/02 B22F 10/38 (11) 2028668 (47) 16.01.2023 (22) 08.07.2021 (54) An apparatus and method for producing an object by means of additive manufacturing	(51) B63B 27/14 B63B 17/00 (11) 2028664 (47) 16.01.2023 (22) 08.07.2021 (54) A motion compensating supporting structure and a vessel (73) Ampelmann Holding B.V. (72) Rik van den Ende (74) ir. H.A. Witmans c.s.
(74) ir. A.R. Aalbers	(73) Additive Industries B.V. (72) Mark Alan Beard (74) ir. A. Blokland c.s.	(51) B65F 3/00 (11) 2028755 (47) 17.01.2023 (22) 16.07.2021 (54) Refuse collection vehicle (73) GEESINK B.V. (72) Mike Wardenier Jasper Alexander Coster Ivan Theodoor Roosendaal Deonicius Johannes Niessen
(51) A61G 13/10 (11) 2028657 (47) 13.01.2023 (22) 08.07.2021 (54) Surgical operation unit with local operation field (73) SURGICUBE IP B.V. (72) Gerrit Jan Vijfinkel (74) dr. R.C. van Duijvenbode c.s.	(51) B41N 3/00 B65G 49/06 G03F 7/30 (11) 2028683 (47) 16.01.2023 (22) 09.07.2021 (54) Apparatus and methods for manipulating plates (73) Xeikon Prepress N.V. (72) Bart Marc Luc Wattyn (74) dr. ir. G.J.C. Verdijck c.s.	(74) ir. J.C. Volmer c.s.
(51) A62C 33/02 (11) 2028656 (47) 13.01.2023 (22) 07.07.2021 (54) Hose drain device (73) Innovative Fire Fighting Solutions B.V. (72) Kristijan Gecan (74) ir. H.A. Witmans c.s.	(51) B60G 9/00 B60G 11/27 (11) 2028627 (47) 11.01.2023 (22) 05.07.2021 (54) Wheel axle suspension with axle lift (73) VDL Weweler B.V. (72) Tom Schrier Derk Geert Aalderink	(51) C02F 3/28 C10L 3/08 (11) 2030634 (47) 16.01.2023 (22) 21.01.2022 (54) VERBETERDE WERKWIJZE VOOR HET LANGDURIG OPSLAAN VAN CO2 HOUDEND ORGANISCH MATERIAAL IN EEN ONDERGRONDSE RUIMTE EN TEVENS HET STABILISEREN VAN EEN ZOUTCAVERNE. (73) Melle Schram Renze Anne Schram (72) Melle Schram Renze Anne Schram (74) drs. C.H. Mink-Lindenburg (31) 1044095 (32) 07.07.2021 (33) Netherlands
(51) B09B 1/00 C10L 3/08 (11) 1044095 (47) 13.01.2023 (22) 07.07.2021 (54) Permanent vastleggen van CO2 compensatie door ondergrondse opslag van biomassa.	(74) ir. J.C. Volmer c.s. (51) B60L 50/60 B60L 58/20 (11) 2028626 (47) 11.01.2023 (22) 05.07.2021 (54) A utility vehicle and a method of using the utility vehicle (73) Abemec B.V. (72) Cornelis Woltherus Hendricus Loeffen (74) ir. A. Blokland c.s.	(51) C02F 3/34 C12N 1/20 (11) 2028651 (47) 13.01.2023 (22) 07.07.2021 (54) COMPOSITE MICROBIAL AGENT FOR NITROGEN REMOVAL BY DENITRIFICATION AND PREPARATION METHOD AND USE THEREOF (73) QUFU NORMAL UNIVERSITY (72) Ge Yang Chengchuan Che Jinfeng Liu Zhijin Gong Shengge Liu Xiaochi An
(73) Melle Schram ir renze anne schram (72) ir renze anne schram Melle Schram (74) drs. C.H. Mink-Lindenburg	(51) B29D 30/24 B29D 30/26 (11) 2028661 (47) 16.01.2023 (22) 08.07.2021 (54) Deck segment for a tire building drum, tire building drum comprising said deck segment and method of manufacturing said deck segment (73) VMI Holland B.V. (72) Martin de Graaf Dave Papat (74) ir. F.A. Geurts c.s.	(51) C05D 3/02 C05F 3/00 C05G 1/00 C05D 9/02 C05F 11/02 C05F 11/08 C05F 11/10 (11) 2028673
(51) B29D 30/26 B29D 30/00 G01M 17/02 (11) 2028684	(51) B60L 53/66 B60L 53/62 B60L 53/63 B60L 53/67 (11) 2028655 (47) 13.01.2023 (22) 07.07.2021 (54) Method and system for controlling an amount of charging resources available to a plurality of electric vehicle supply equipments (73) GreenFlux Assets B.V. (72) Lennart Frans Verheijen	

(47) 16.01.2023	(11) 2028688	(72) Frederikus Hendrikus Gerardus Uytdeuilligen
(22) 09.07.2021	(47) 16.01.2023	(74) dr. ir. G.J.C. Verdijck c.s.
(54) SOIL RESTORING FERTILIZER OF HIGH DRY CONTENT AND METHOD FOR PRODUCING THE SAME	(22) 09.07.2021	(51) F03D 3/06
(73) 73CB6 BV	(54) Sports Surface with a Pile Layer Comprising Loops	F03D 9/46
(72) Eduard Alexander Valk	(73) Ten Cate Thiolon B.V.	(11) 2028634
Paul Robert Wolschrijn	(72) Colin Young	(47) 12.01.2023
(51) C07C 67/08	Hein Anton Heerink	(22) 06.07.2021
C09D 133/06	Michael Rene Vogel	(54) NOISE REDUCING WIND TURBINE AND A ROW OF SUCH TURBINES
(11) 2031693	Niels Gerhardus Kolkman	(73) Mike Roele
(47) 12.01.2023	Salil Sethunath	(72) Mike Roele
(22) 25.04.2022	(74) dr. R.C. van Duijvenbode c.s.	(74) ir. P.J.P. Janssen
(54) COALESCING AGENT FOR AQUEOUS COATING, COALESCING AGENT COMPOSITION AND AQUEOUS COATING	(51) E01F 8/00	(51) F03D 3/06
(73) Runtai New Material Co., Ltd.	E01C 1/00	F03D 9/46
(72) Shiyuan Zhang	(11) 2028636	(11) 2028633
Haifei Zhang	(47) 12.01.2023	(47) 12.01.2023
(74) M. Schmid	(22) 06.07.2021	(22) 06.07.2021
(31) 202110452236.9	(54) Inrichting voor het reduceren van geluid	(54) NOISE REDUCING WIND TURBINE AND A ROW OF SUCH TURBINES
(32) 26.04.2021	(73) 4Silence B.V.	(73) Mike Roele
(33) China	(72) Ysbrand Hans Wijnant	(72) Mike Roele
(51) C07D 417/06	(74) ir. B.J. 't Jong	(74) ir. P.J.P. Janssen
C07F 7/00	(51) E04F 15/18	(51) F03D 13/25
G01N 33/18	E04F 15/20	E02B 17/00
G01N 21/78	(11) 2028653	(11) 1044094
(11) 2024897	(47) 13.01.2023	(47) 13.01.2023
(47) 12.01.2023	(22) 07.07.2021	(22) 07.07.2021
(22) 13.02.2020	(54) Support layer configured to provide acoustic and/or thermal insulation	(54) SYSTEEM EN WERKWIJZE VOOR HET AANBRENGEN VAN EEN CONSTRUCTIE-ELEMENT ONDER WATER
(54) PHENOTHIAZINE-BASED METAL-ORGANIC FRAMEWORK MATERIAL, AND PREPARATION METHOD AND USE THEREOF	(73) Blace International B.V.	(73) Marine Innovators B.V.
(73) SHANDONG NORMAL UNIVERSITY	(72) Yannick Koreman	(72) Ir. Jan Lanser
(72) Yanan Li	(74) dr. ir. G.J.C. Verdijck c.s.	(51) F04B 53/16
Qianying Li	(51) E04G 21/32	F04B 53/08
Qun Guan	E04B 1/348	F04C 29/04
Mingyue Zhang	E04G 21/14	(11) 2028698
Yubin Dong	(11) 2030839	(47) 17.01.2023
(74) dr. J. van Straaten	(47) 12.01.2023	(22) 12.07.2021
(31) 201910116841.1	(22) 04.12.2020	(54) High voltage motor-pump unit
(32) 15.02.2019	(54) Bouwsysteem met houten prefab modulen.	(73) Power Packer North America, Inc.
(33) China	(62) 2028385 (03.06.2021)	(72) Johnny Antonius Jacobus Wiggemans
(51) C09K 21/02	2027049 (04.12.2020)	Marcel Gerardus Maria Nieuwenhuis
C08K 9/06	(73) VolkerWessels Intellectuele Eigendom BV	(74) ir. J.C. Volmer c.s.
C09K 21/04	(72) Wim Sturris	(51) F16L 55/1645
C09K 21/12	(74) ir. J.H.W. Assendelft	F16L 55/165
(11) 2025769	(31) 2024524	(11) 2028654
(47) 12.01.2023	2024385	(47) 13.01.2023
(22) 08.06.2020	(32) 19.12.2019	(22) 07.07.2021
(54) HYDROPHOBIC FLAME RETARDANT AND PREPARATION METHOD THEREOF	04.12.2019	(54) A method of providing surface with a liquid tight barrier
(73) Anhui University of Science and Technology	(33) Netherlands	(73) CT PLATON B.V.
(72) Shibin Nie	(51) E05D 15/10	(72) Willem Ad Johannes de Groot
Xiangfeng Zhang	(11) 2028697	(74) ir. W.J.J.M. Kempes
Jinian Yang	(47) 17.01.2023	(51) F16M 11/04
Die Jin	(22) 12.07.2021	(11) 2028635
Xi Zhang	(54) Sliding door system.	(47) 12.01.2023
Chao Han	(73) Oahu B.V.	(22) 06.07.2021
(74) drs. P.A. van Essen c.s.	Ventura Systems C.V.	(54) Systeem voor het positioneren van een beeldscherm.
(31) 202010006423.X	(72) Hilbrand Hans Asjes	(73) Vogel's IP B.V.
(32) 03.01.2020	(74) ir. J.C. Volmer c.s.	(72) Ewald van Kuijk
(33) China	(51) F03D 3/04	Alwin Einar van der Wolf
(51) E01C 13/08	F03D 3/06	(74) ir. A. Blokland c.s.
	(11) 2028678	(51) F21V 5/04
	(47) 16.01.2023	(11) 1044092
	(22) 09.07.2021	
	(54) VERTICAL AXIS WIND TURBINE	
	(73) IF-Adamas B.V.	

(47) 13.01.2023	Tao Lei	(22) 06.07.2021
(22) 07.07.2021	Wenbi Zhu	(54) Single Event Effect Test Laser Facility for Integrated Circuits used in Aerospace
(54) Verlichtingsinrichting in het bijzonder geschikt voor toepassing als lichtbron in parkeergarage	(74) ir. J.C. Volmer c.s.	(73) National Space Science Center - Chinese Academy of Sciences
(73) Venver B.V.	(51) G01N 21/90	(72) Yingqi Ma
(72) J.J. van Dijk	G01N 25/72	Shipeng Shangguan
(51) F21V 23/00	(11) 1044085	Jianwei Han
F21V 33/00	(47) 11.01.2023	Xiang Zhu
(11) 1044091	(22) 05.07.2021	(74) S. Eeckhaoudt PhD
(47) 13.01.2023	(54) Werkwijze voor het inspecteren en controleren van één of meerdere malen in een glasproductieproces	(51) G01V 99/00
(22) 07.07.2021	(73) Cortex Glass B.V.	(11) 2028671
(54) Systeem voor het verdelen van leidingen, kabels en eindapparaten voor verlichting, beveiliging, bewaking etc. via het plafond van een parkeerverdieping van een parkeergarage	(72) Mark Edwin Holtkamp	(47) 16.01.2023
(73) Venver B.V.	Teunis René Brummelman	(22) 08.07.2021
(72) J.J. van Dijk	(51) G01N 21/95	(54) Quantitative Evaluation Method for Seamount Cobalt-rich Crusts Resource
(51) F23N 1/02	G06V 20/66	(73) The First Institute of Oceanography, MNR Pilot National Laboratory for Marine Science and Technolgy (Qingdao)
(11) 2028637	G06V 10/44	(72) Dewen Du
(47) 12.01.2023	B65H 23/18	Shijuan Yan
(22) 06.07.2021	B65B 1/30	Gang Yang
(54) Premix gas burner system and method	G06V 10/14	Fengli Yang
(73) BEKAERT COMBUSTION TECHNOLOGY B.V.	(11) 2028667	(74) S. Eeckhaoudt PhD
(72) Geert Folkers	(47) 16.01.2023	(51) G06T 7/00
Gerben van Vliet	(22) 08.07.2021	G06N 3/08
Camillo Marino Josef Hogenbirk	(54) Infeed and outfeed apparatus for a drugs pouch processing system and a drugs pouch processing system comprising such infeed or outfeed apparatus	(11) 2030315
Marc Bus	(73) ZiuZ Holding B.V.	(47) 13.01.2023
(74) ir. J.C. Volmer c.s.	(72) Dries Johannes Pruijboom	(22) 28.12.2021
(51) F41A 33/00	Johannes van Duijne	(54) COMPUTER-IMPLEMENTED AI METHOD FOR DETECTING SURFACE DEFECTS OF ELECTROLUMINESCENT SEMICONDUCTOR PANEL
F42B 8/12	(74) ir. A.R. Aalbers	(73) Boyuan Chen
F41A 9/82	(51) G01N 21/95	(72) Boyuan Chen
(11) 2028658	G06V 20/66	(74) ir. W.J.J.M. Kempes
(47) 16.01.2023	G06V 10/44	(31) 202111137952.4
(22) 08.07.2021	G06V 10/14	(32) 27.09.2021
(54) A howitzer training gun	B65H 23/18	(33) China
(73) Van Halteren Metaal B.V.	B65B 1/30	(51) G06T 7/60
(72) Eduard Noorlander	B65H 23/04	(11) 2028679
(74) mr. ir. J. van Breda c.s.	(11) 2028666	(47) 16.01.2023
(51) G01N 1/28	(47) 16.01.2023	(22) 09.07.2021
H01J 37/20	(22) 08.07.2021	(54) A vision system for providing data related to the plant morphology of a plant using deep learning, as well as a corresponding method.
G01N 33/487	(54) A drugs pouch processing system	(73) VBTI Group B.V.
(11) 2028670	(73) ZiuZ Holding B.V.	(72) Albertus Josephus Nicolaas van Breemen
(47) 16.01.2023	(72) Dries Johannes Pruijboom	(74) ir. A. Blokland c.s.
(22) 08.07.2021	Johannes van Duijne	(51) G16H 20/30
(54) Thin-film-based assembly.	(74) ir. A.R. Aalbers	G16H 50/50
(73) Vitrotem B.V.	(51) G01N 33/53	A61H 1/02
(72) Pauline Martha Gerardina van Deursen	G01N 33/58	(11) 2028669
(74) ir. G.P. den Braber	(11) 2031621	(47) 16.01.2023
(51) G01N 21/64	(47) 17.01.2023	(22) 08.07.2021
G01N 21/359	(22) 19.04.2022	(54) PTbot: Biomechanics-Aware Physical Therapy Robot
G01N 21/3563	(54) A EUGENOL TIME-RESOLVED FLUORESCENCE IMMUNOCHROMATOGRAPHIC TEST STRIP AND A PREPARATION METHOD THEREOF	(73) Technische Universiteit Delft
(11) 2031045	(73) Zhejiang Gongshang University	(72) Ajay Seth
(47) 12.01.2023	(72) Renyao Jin	Luka Peternel
(22) 23.02.2022	Xiaoxia Liu	Joseph Micah Prendergast
(54) CALIBRATION METHOD FOR REDUCING EFFECT OF SOIL TYPE ON FLUORESCENCE INTENSITY OF POLYCYCLIC AROMATIC HYDROCARBONS	Lu Zhai	Stephan Balvert
(73) Tianjin Agricultural College	Jiacheng Yang	Tom Driessen
(72) Renjie Yang	(74) drs. C.M.A. Quintelier	(74) drs. P.A. van Essen c.s.
Haixue Liu	(51) G01R 31/3181	
Guimei Dong	G01R 31/28	
Shaocai Li	G01R 31/311	
	(11) 2028645	
	(47) 12.01.2023	

- (51) H01L 31/0747
(11) 2028691
(47) 17.01.2023
(22) 10.07.2021
(54) Electron Transport Layer- and/or Hole Transport Layer-Free Silicon HeteroJunction Solar Cells
(73) Technische Universiteit Delft
(72) Yifeng Zhao
Luana Mazzarella
Paul Alejandro Procel Moya
Olindo Isabella
Miroslav Zeman
(74) drs. P.A. van Essen c.s.
-
- (51) H01S 5/0683
H01S 5/068
(11) 2028674
(47) 16.01.2023
(22) 09.07.2021
(54) Laser diode arrangement, method of operating a laser diode and scanning microscope device comprising a laser diode
(73) Nearfield Instruments B.V.
(72) Taras Piskunov
Hamed Sadeghian Marnani
Arseniy Kalinin
Kevin Henri Louis Makles
Maarten Eduard van Reijzen
(74) ir. H.A. Witmans c.s.
-
- (51) H04R 25/00
(11) 2028629
(47) 12.01.2023
(22) 06.07.2021
(54) Biomimetic microphone and cochlear implant comprising said biomimetic microphone
(73) Stichting Radboud Universiteit
(72) Martijn Agterberg
(74) drs. P.A. van Essen c.s.
-
- (51) H04W 4/021
H04W 4/80
(11) 1044096
(47) 13.01.2023
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(54) Werkwijze voor het maken van een locatiegebonden verbinding tussen een smartphone en een andere smartphone of computer, gebruikmakend van een lokale activatietag
(73) Silk Road B.V.
(72) Ruud Diterwich
(74) ir. A. Blokland c.s.
-
- (51) H05B 47/11
(11) 2029643
(47) 13.01.2023
(22) 04.11.2021
(54) AI EYE PROTECTION DESK LAMP WITH SITTING POSTURE CORRECTION REMINDER AND IMPLEMENTATION METHOD THEREOF
(73) HANGZHOU HUIXINDA TECHNOLOGY Co., Ltd.
(72) Quan Huang
Chenchen Wang
(74) ir. M.B. Plaggenborg
(31) 202011312455 .9
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(33) China

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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(47) 18.01.2023	B27B 5/10	(21) EP18305573.0
(22) 13.09.2019	(11) EP3653042	(47) 18.01.2023
(54) METHOD FOR OPERATING A	(21) EP19208205.5	(22) 09.05.2018
WORKING VEHICLE - WORKING	(47) 18.01.2023	(54) SYSTEM FOR COLLECTING FAECES
APPLIANCE COMBINATION, SYSTEM	(22) 08.11.2019	FLOWING OVER THE FLOOR OF AN
FOR A WORKING VEHICLE -	(54) PIVOTING SAWING DEVICE FOR	ENCLOSURE FOR RAISING ANIMALS,
WORKING APPLIANCE COMBINATION	CUTTING PLANTS	FOR EXAMPLE CATTLE
AND A WORKING VEHICLE -	(73) Fliegl Agro-Center GmbH	(73) Bioret Agri-Logette Confort
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(73) Deere & Company	(31) 202018106426 U	(31) 1754205
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A01B 59/00	(47) 18.01.2023	(21) EP14830365.4
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(22) 11.10.2017	Stanisława Staszica w Krakowie	DISABLED VITAMIN C GENE
(54) MANAGEMENT SYSTEM FOR A WORK	(72) LESZCZYNSKI, Jacek	(73) Rath, Matthias W.
DEVICE	KUBICA, Barbara	(72) RATH, Matthias, W.
(73) Kubota Corporation	SUWALA, Wojciech	NIEDZWIECKI, Aleksandra
(72) OKAMURA Seiichi	STOBINSKI, Marcin	CHA, John, Chang-Eun
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(22) 06.02.2016	(22) 04.12.2019	(73) Usgreentech, L.L.C.
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AND USE OF THE SAME	(73) MAYEKAWA MFG. CO., LTD.	(31) 201662437799 P
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C12R 1/07	A23L 29/256	(21) EP20189312.0
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(22) 28.11.2018	(54) MILK-PROTEIN BASED MEAT	(72) ROGAN, Andrew Robert John
(54) PLANT GROWTH PROMOTING	SUBSTITUTE	WRIGHT, Alec
MICROORGANISM AND ENZYMES	(73) Dairy Protein Cooperation Food B.V.	(51) A24D 1/20
FOR SOIL BIOGENIC CYCLES	(72) LAVRIJSEN, Bas Willem Maarten	A24F 40/465
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A21C 11/00	(21) EP19153853.7	AND SYSTEM
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A21C 11/06	(22) 26.01.2019	(72) ROGAN, Andrew Robert John
A21C 11/08	(54) PROCESS, APPARATUS AND	WRIGHT, Alec
A23L 7/17	COMPUTER PROGRAM FOR	(51) A24F 13/02
A23P 30/10	TEMPERING OF CHOCOLATE MASS	A24F 13/04
A23P 30/20	(73) Aasted ApS	A24F 13/22
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(73) SACMI COOPERATIVA MECCANICI	RADOS, Ivan	TRIZZINO, Stefano
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(73) ThyssenKrupp Federn und Stabilisatoren	(11) EP3946998	(54) MODULAR SYSTEM FOR FAST
GmbH	(21) EP20716375.9	CHARGING TRACTION BATTERY FOR
thyssenkrupp AG	(47) 18.01.2023	INDUSTRIAL TRUCK
(72) BESTING, Patrick	(87) CZ2020000008	(73) Linde Material Handling GmbH
BERNARD, Sebastian	01.10.2020	(72) Kronenberger-Edel, Georg
(31) 102019202306	(22) 03.03.2020	Hergenrother, Christian
(32) 20.02.2019	(54) AXLE, IN PARTICULAR OF A	(31) 102016104759
(33) Germany	UNIVERSAL CARRIER FRAME	(32) 15.03.2016
(51) B60K 1/02	(73) DVORÁK - svahové sekacky s.r.o.	(33) Germany
B60K 6/20	(72) VONDRÁČEK, Pavel	(51) B60L 50/64
B60K 11/02	(31) 20190185	B60L 58/22
B60W 20/15	(32) 27.03.2019	B60L 58/12
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(21) EP21181457.9	(51) B60K 15/03	(21) EP16177658.8
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(54) VEHICLE	(11) EP3790755	(54) ELECTRONIC CONTROL DEVICE FOR
(73) Mazda Motor Corporation	(21) EP19725942.7	CONTROLLING A VEHICLE BATTERY

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(73) Marelli Europe S.p.A.	B60L 53/12	(72) Rogg, Christian
(72) CIAMPOLINI, Franco	H02J 7/00	(31) 102017107761
PRITELLI, Danilo	H02J 50/90	(32) 11.04.2017
SUGLIA, Rosanna	H02J 50/80	(33) Germany
AURILIO, Gianluca	H02J 50/12	(51) B60N 2/75
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(32) 09.07.2015	(11) EP3620326	B60N 2/829
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(51) B60L 53/124	(47) 18.01.2023	B60N 2/853
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H02J 50/12	(54) POWER FEEDING SYSTEM FOR VEHICLE, ELECTRICALLY POWERED VEHICLE AND POWER FEEDING APPARATUS FOR VEHICLE	(21) EP16775752.5
(11) EP3820022	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(47) 18.01.2023
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(47) 18.01.2023	(51) B60L 53/67	13.04.2017
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(22) 26.03.2020	(21) EP19159973.7	(73) Adient US LLC
(54) FOREIGN OBJECT DETECTION DEVICE AND METHOD FOR WIRELESS CHARGING SYSTEM, AND WIRELESS CHARGING SYSTEM	(47) 18.01.2023	(72) DILLINGER, Thomas
(73) Huawei Technologies Co., Ltd.	(22) 28.02.2019	(31) 102015219210
(72) HE, Mou	(54) METHOD AND SYSTEM TO OPTIMIZE DISTRIBUTED CHARGING STATION EFFICIENCY AND USER EXPERIENCE	(32) 05.10.2015
CHEN, Wei	(73) Bayerische Motoren Werke Aktiengesellschaft	(33) Germany
ZHU, Yongfa	(72) Tian, Jilei	(51) B60N 3/10
FENG, Shaojie	Cao, Yang	B60R 7/04
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(51) B60L 53/14	(21) EP19187917.0	(87) EP2020053039
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(47) 18.01.2023	(54) SEAT-TRACK ASSEMBLY	(54) STORAGE COMPARTMENT WITH AN ELASTIC COMPARTMENT DIVIDER
(87) IB2014001513	(73) Fisher & Company, Incorporated	(73) Bayerische Motoren Werke Aktiengesellschaft
05.03.2015	(72) Anticuar, David G.	(72) SCHMID, Bernhard
(22) 13.08.2014	Simms, Andrew Joshua	(31) 102019106311
(54) CHARGING SYSTEM AND PAIRING METHOD	Sponsler, Karl	(32) 12.03.2019
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	Kirkendall, Seth	(33) Germany
(72) IWAI, Atsushi	Michel, Armin	(51) B60P 1/02
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(51) B60L 53/16	(33) United States of America	(21) EP20753814.1
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(22) 15.05.2018	(22) 14.12.2018	(73) Soso, Elena
(54) METHOD FOR OPERATING AN ELECTRIC CHARGING CONTROL UNIT AND MOTOR VEHICLE COMPRISING AN ELECTRIC CHARGING CONTROL UNIT	(54) CUSHIONING STRUCTURE AND CHILD SAFETY SEAT THEREWITH	Soso, Stefano
(73) VOLKSWAGEN AKTIENGESELLSCHAFT	(73) BP Children's Products HK Co., Limited	(72) Soso, Elena
(72) Ulrich, Axel	(72) LI, Ruyi	Soso, Stefano
Greskamp, Christoph	(31) 201711341813	(31) 201900012795
(31) 102017208895	(32) 14.12.2017	(32) 24.07.2019
(32) 26.05.2017	(33) China	(33) Italy
(33) Germany	(51) B60N 2/50	(51) B60Q 1/14
(51) B60L 53/36	B60N 2/52	(11) EP3932739
H02J 5/00	(11) EP3388282	(21) EP21174733.2
B60L 53/37	(21) EP18164288.5	(47) 18.01.2023
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	(22) 27.03.2018	(54) HEADLIGHT CONTROL SYSTEM
	(54) DEVICE FOR ADJUSTING THE HEIGHT OF A VEHICLE SEAT	(73) MAZDA MOTOR CORPORATION
		(72) Kaino, Akira
		Takenouchi, Kumiko
		Fujihara, Yoshitaka
		(31) 2020113901
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(51) B60Q 3/64	(51) B60R 21/00	(32) 04.04.2019
B60Q 3/82	B60W 30/06	(33) United States of America
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(54) LIGHTING DEVICE FOR A	(21) EP17928049.0	(22) 07.05.2020
PASSENGER COMPARTMENT OF A	(47) 18.01.2023	(54) DRIVE UNIT
MOTOR VEHICLE	(87) JP2017036323	(73) Exedy Corporation
(73) VALEO VISION	11.04.2019	(72) MATSUOKA, Yoshihiro
(72) LETOUMELIN, Rémi	(22) 05.10.2017	(31) 2019091193
(31) 1459447	(54) PARKING CONTROL METHOD AND	(32) 14.05.2019
(32) 02.10.2014	PARKING CONTROL DEVICE	(33) Japan
(33) France	(73) Nissan Motor Co., Ltd.	(51) B60T 8/34
(51) B60Q 9/00	(72) HAYAKAWA, Yasuhisa	F16H 1/28
B60Q 3/208	SAKURAI, Yasuhiro	H02K 5/00
B60Q 3/78	SUZUKI, Yasuhiro	H02K 7/116
B60Q 3/80	(51) B60R 21/233	B60T 8/36
B60Q 3/14	B60R 21/239	(11) EP3590777
(11) EP3398815	(11) EP3914483	(21) EP19193955.2
(21) EP18163670.5	(21) EP20705287.9	(47) 18.01.2023
(47) 18.01.2023	(47) 18.01.2023	(22) 23.06.2015
(22) 23.03.2018	(87) EP2020051706	(54) MOTOR MODULE AND ABS
(54) METHOD FOR OPERATING	30.07.2020	HYDRAULIC UNIT
ILLUMINATION OF A MOTOR	(22) 24.01.2020	(73) Robert Bosch GmbH
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(73) VOLKSWAGEN	(73) Dalphi Metal España, S.A.	(32) 10.07.2014
AKTIENGESELLSCHAFT	(72) DEL RÍO GARCÍA, Alejandro	(33) Japan
(72) Sturmat, Sandra	(31) 202019100396 U	(51) B60T 13/66
(31) 102017207436	(32) 24.01.2019	B60T 17/22
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(47) 18.01.2023	(87) EP2019070024	Schienenfahrzeuge GmbH
(22) 08.06.2021	30.01.2020	(72) LIKTOR, Balázs
(54) CARDBOARD ROOF ELEMENT	(22) 25.07.2019	TÓTH, Gábor
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DIMENSIONAL STABILITY	SEATBELT REEL WITH UNCOUPLING	B60T 13/68
(73) ADHEX TECHNOLOGIES	FEATURE	(11) EP3969337
(72) DURAND, Hervé	(73) Autoliv Development AB	(21) EP19726345.2
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(51) B60R 16/02	102018118102	(54) VEHICLE BRAKING SYSTEM
H01B 7/00	(32) 26.03.2019	WITH COMPOUND MANAGEMENT
H02G 5/00	26.07.2018	FUNCTION
H01B 7/04	(33) Germany	(73) VOLVO TRUCK CORPORATION
H01B 7/282	Germany	(72) FARRES, Lionel
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(54) WATERPROOF CONSTRUCTION	(21) EP20724604.2	B60T 1/06
OF THREE-PHASE LINE PART AND	(47) 18.01.2023	B60T 7/04
THREE-PHASE LINE CONNECTING	(87) US2020026117	(11) EP3604059
DEVICE	08.10.2020	(21) EP18775759.6
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(72) Ito, Yuto	(54) MINIATURE BRAKE AND METHOD OF	(87) JP2018013435
Sasaki, Keisuke	ASSEMBLY	04.10.2018
(31) 2020155437	(73) Warner Electric Technology LLC	(22) 29.03.2018
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	MELLOR, Patricia, M.	

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(72) SATOH, Hiromasa OBIKA, Toshihiro KOGA, Yusuke AOKI, Yasushi TOYOTA, Hiromitsu KOTERA, Haruo YAMASAKI, Tatsuya MASUDA, Yui	(11) EP3597499 (21) EP18817660.6 (47) 18.01.2023 (87) JP2018016923 20.12.2018 (22) 26.04.2018 (54) PARKING ASSISTANCE DEVICE (73) Hitachi Astemo, Ltd. (72) SEIMIYA Masashi YOSHIDA Yoshiyuki TSUGE Munetoshi HIRAKAWA Keiichiro	(73) Toyota Motor Engineering & Manufacturing North America, Inc. (72) OKUMURA, Bunyo (31) 201414565278 (32) 09.12.2014 (33) United States of America
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(73) Ningbo Geely Automobile Research & Development Co., Ltd. Zhejiang Geely Holding Group Co., Ltd.	(73) Ningbo Geely Automobile Research & Development Co., Ltd. Zhejiang Geely Holding Group Co., Ltd.	
(72) EKELUND, Johan FESSEHATSION, Henok	(72) EKELUND, Johan FESSEHATSION, Henok	
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(72) OGURA, Kotaro	(87) KR2019004407	VEHICLE
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E01B 29/26	(47) 18.01.2023	(22) 29.03.2018
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(87) US2016053727	(54) HANDLE FOLDING MECHANISM,	(72) Boström, Mikael
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(22) 26.09.2016	THE FOLDING MECHANISM, AND	Kadhim, Rashad
(54) CONTINUOUS ACTION SPIKE PULLER	TROLLEY HAVING THE SAME	Prabahar, Manoj
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(73) Harsco Technologies LLC	(72) FAN, Mingfeng	(51) B62D 21/18
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16.01.2020	(22) 24.10.2018	(22) 09.04.2018
(22) 08.07.2019	(54) METHOD FOR OPERATING A STEER-	(54) AUTOMATICALLY GUIDED TROLLEY
(54) FLOOR STRUCTURE FOR A VEHICLE,	BY-WIRE STEERING SYSTEM FOR	FOR TRANSPORTING AND/OR
METHOD FOR ASSEMBLING A FLOOR	A MOTOR VEHICLE, AND STEERING	HANDLING A LOAD
STRUCTURE, AND RAIL VEHICLE	SYSTEM FOR A MOTOR VEHICLE	(73) EXOTEC
HAVING AT LEAST ONE FLOOR	(73) VOLKSWAGEN	(72) MOULIN, Romain
STRUCTURE	AKTIENGESELLSCHAFT	HEITZ, Renaud
(73) Bombardier Transportation GmbH	(72) KREIS, Christopher	(31) 1753292
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(32) 08.05.2019	(31) 202020103686 U	DEFORMATION DEVICE
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(51) B62B 7/12	(33) Germany	(72) ISAKIEWITSCH, Christian
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(33) Germany	(32) 27.08.2018	(73) YAMAHA HATSUDOKI KABUSHIKI
(51) B62D 25/20	(33) United States of America	KAISHA
B60K 1/04	(51) B62J 1/12	(72) SAITO, Yusuke
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(51) H01L 31/18 H01L 31/0216 (11) EP3712968 (21) EP20170693.4 (47) 18.01.2023 (22) 29.01.2013 (54) SOLAR CELL MANUFACTURING METHOD (73) Shin-Etsu Chemical Co., Ltd. (72) WATABE, Takenori OTSUKA, Hiroyuki (31) 2012027297 (32) 10.02.2012 (33) Japan	(51) H01L 51/52 H05B 33/04 H05B 33/10 (11) EP3001478 (21) EP14801594.4 (47) 18.01.2023 (87) KR2014004550 27.11.2014 (22) 21.05.2014 (54) ENCAPSULATION FILM AND METHOD FOR ENCAPSULATING ORGANIC ELECTRONIC DEVICE USING SAME (73) LG Chem, Ltd. (72) YOO, Hyun Jee LEE, Seung Min KIM, Hyun Suk CHANG, Suk Ky MOON, Jung Ok	(47) 18.01.2023 (87) US2017017208 17.08.2017 (22) 09.03.2020 (54) POSITIVE ELECTRODE MATERIAL FOR LITHIUM ION SECONDARY BATTERY, POSITIVE ELECTRODE FOR LITHIUM ION SECONDARY BATTERY, AND LITHIUM ION SECONDARY BATTERY (73) Sumitomo Metal Mining Co., Ltd. (72) NOZOE, Tsutomu NAKANO, Toyomasa (31) 2019176149 (32) 26.09.2019 (33) Japan
(51) H01L 33/38 H01L 33/60 H01L 33/58 H01L 27/15 H01L 33/40 H01L 33/50 (11) EP3731285 (21) EP20170995.3 (47) 18.01.2023 (22) 23.04.2020 (54) METHOD FOR PRODUCING A LIGHT- EMITTING AND/OR LIGHT-RECEIVING DEVICE WITH METAL OPTICAL SEPARATION GRID (73) Commissariat à l'énergie atomique et aux énergies alternatives (72) GASSE, Adrien DUPRE, Ludovic VOLPERT, Marion	(31) 20130057309 (32) 21.05.2013 (33) Korea (Republic)	(51) H01M 4/1395 H01M 4/04 H01M 10/052 B21D 28/14 B21D 22/04 B26F 1/40 (11) EP3547415 (21) EP18832390.1 (47) 18.01.2023 (87) KR2018007373 17.01.2019 (22) 29.06.2018 (54) 3D PATTERN CUTTING MACHINE FOR LITHIUM METAL ELECTRODE (73) LG Energy Solution, Ltd. (72) YOON, Jong Keon HAH, Hoe Jin WOO, Kyung Hwa (31) 20170086896 (32) 10.07.2017 (33) Korea (Republic)
(31) 1904433 (32) 26.04.2019 (33) France	(72) Spheretech Research Corp. (72) LIN, Daniel WANG, John-Sun	(31) 20170086896 (32) 10.07.2017 (33) Korea (Republic)
(51) H01L 33/50 (11) EP3893286 (21) EP21170087.7 (47) 18.01.2023 (22) 24.05.2017	(31) 109106797 (32) 02.03.2020 (33) Taiwan, Province of China (51) H01M 4/131 H01M 4/04	(51) H01M 4/36 H01M 4/04 H01M 4/136 H01M 4/1395 H01M 4/38

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H01M 4/62	(21) EP17806186.7	KIM, Ye Ri
H01M 4/587	(47) 18.01.2023	(31) 20180108961
H01M 10/0525	(87) JP2017014628	(32) 12.09.2018
H01M 4/13	07.12.2017	(33) Korea (Republic)
H01M 4/139	(22) 10.04.2017	(51) H01M 8/10
H01M 4/48	(54) NEGATIVE ELECTRODE ACTIVE	H01M 8/0271
(11) EP3923385	MATERIAL, MIXED NEGATIVE	H01M 8/1004
(21) EP20848088.9	ELECTRODE ACTIVE MATERIAL, AND	H01M 8/242
(47) 18.01.2023	METHOD FOR PRODUCING NEGATIVE	H01M 8/0273
(87) CN2020103253	ELECTRODE ACTIVE MATERIAL	(11) EP3939109
04.02.2021	(73) Shin-Etsu Chemical Co., Ltd.	(21) EP20703405.9
(22) 21.07.2020	(72) HIROSE, Takakazu	(47) 18.01.2023
(54) NEGATIVE ELECTRODE ACTIVE	KAMO, Hiromichi	(87) EP2020052214
MATERIAL, PROCESS FOR	(31) 2016106991	17.09.2020
PREPARING THE SAME, AND	(32) 30.05.2016	(22) 30.01.2020
SECONDARY BATTERY, BATTERY	(33) Japan	(54) FUEL CELL STRUCTURE, FUEL CELL
MODULE, BATTERY PACK AND	(51) H01M 4/505	SYSTEM AND VEHICLE COMPRISING
APPARATUS RELATED TO THE SAME	H01M 4/525	A FUEL CELL
(73) Contemporary Amperex Technology Co.,	H01M 4/58	(73) Audi AG
Limited	H01M 4/131	(72) RIEDE, Nico
(72) LIANG, Chengdu	H01M 10/0525	(31) 102019203249
ZHAO, Yuzhen	H01M 4/485	(32) 11.03.2019
GUAN, Yingjie	H01M 4/36	(33) Germany
WEN, Yan	H01M 50/119	(51) H01M 8/2465
HUANG, Qisen	H01M 50/124	(11) EP3920294
(31) 201910689510	H01M 50/121	(21) EP21175352.0
(32) 29.07.2019	H01M 50/129	(47) 18.01.2023
(33) China	H01M 50/209	(22) 21.05.2021
(51) H01M 4/48	H01M 50/133	(54) FUEL CELL SYSTEM AND POWER
C01B 33/32	H01M 50/211	SUPPLY UNIT FOR FUEL CELL
H01M 4/36	(11) EP3273517	SYSTEM,
H01M 4/38	(21) EP15832871.6	(73) Robert Bosch GmbH
H01M 4/58	(47) 18.01.2023	(72) LUTZ, Gerhard
H01M 4/587	(87) JP2015054142	REINOEHL, Markus
C01B 25/00	25.08.2016	ESSLING, Rolf-Peter
H01M 4/1391	(22) 16.02.2015	DORN, Holger
H01M 4/485	(54) NONAQUEOUS ELECTROLYTE	HOWEY, Friedrich
H01M 4/62	BATTERY AND BATTERY PACK	(31) 102020206903
H01M 4/02	(73) KABUSHIKI KAISHA TOSHIBA	(32) 03.06.2020
(11) EP3467913	(72) KURIYAMA, Hiromichi	(33) Germany
(21) EP17806188.3	YOSHIKAWA, Hikaru	(51) H01M 10/0525
(47) 18.01.2023	SARUWATARI, Hidesato	H01M 4/133
(87) JP2017014662	MURASHI, Yasuaki	H01M 4/36
07.12.2017	YAMAMOTO, Dai	H01M 4/505
(22) 10.04.2017	NISHIO, Naoki	H01M 4/525
(54) NEGATIVE ELECTRODE ACTIVE	(51) H01M 4/587	H01M 4/587
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(73) Shin-Etsu Chemical Co., Ltd.	H01M 10/058	(21) EP17766272.3
(72) HIROSE, Takakazu	H01M 10/052	(47) 18.01.2023
KAMO, Hiromichi	H01M 4/1395	(87) JP2017006784
(31) 2016106973	H01M 10/0567	21.09.2017
(32) 30.05.2016	H01M 4/1393	(22) 23.02.2017
(33) Japan	(11) EP3793005	(54) NONAQUEOUS ELECTROLYTE
(51) H01M 4/48	(21) EP19859668.6	SECONDARY BATTERY AND METHOD
H01M 4/36	(47) 18.01.2023	FOR MANUFACTURING SAME
H01M 4/38	(87) KR2019011860	(73) Envision AESC Japan Ltd.
H01M 4/58	19.03.2020	(72) WATANABE Kenji
H01M 4/587	(22) 11.09.2019	(31) 2016055699
C01B 33/113	(54) METHOD OF MANUFACTURING	(32) 18.03.2016
H01M 4/1391	NEGATIVE ELECTRODE FOR LITHIUM	(33) Japan
H01M 4/485	SECONDARY BATTERY AND LITHIUM	(51) H01M 10/0567
H01M 4/62	SECONDARY BATTERY	H01M 10/0525
C01B 25/00	(73) LG Energy Solution, Ltd.	H01M 10/42
H01M 4/02	(72) CHAE, Oh Byong	H01M 4/133

H01M 4/36	H01M 10/613	(47) 18.01.2023
H01M 4/38	B60L 50/64	(22) 28.10.2016
H01M 4/48	B60L 58/26	(54) TOP COVER OF POWER BATTERY
H01M 4/485	(11) EP3125355	AND POWER BATTERY
H01M 4/525	(21) EP16001628.3	(73) Contemporary Amperex Technology Co.,
H01M 4/587	(47) 18.01.2023	Limited
H01M 10/0568	(22) 25.07.2016	(72) Li, Quankun
(11) EP3796451	(54) DEVICE FOR A VEHICLE, IN	Wang, Peng
(21) EP19880378.5	PARTICULAR A COMMERCIAL	Deng, Pinghua
(47) 18.01.2023	VEHICLE	Zhu, Lingbo
(87) CN2019114197	(73) MAN Truck & Bus SE	Guo, Jian
07.05.2020	(72) Lechner, Michael	(31) 201610482498
(22) 30.10.2019	(31) 102015009945	(32) 27.06.2016
(54) ELECTROLYTIC SOLUTION, LITHIUM-	(32) 30.07.2015	(33) China
ION BATTERY, BATTERY MODULE,	(33) Germany	<hr/>
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(73) Contemporary Amperex Technology Co.,	H01M 50/533	H01M 50/342
Limited	H01M 50/528	H01M 50/167
(72) ZHU, Jianwei	H01M 50/15	(11) EP3614451
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(51) H01M 10/48	(47) 18.01.2023	(22) 07.11.2018
H01M 10/42	(87) CN2019076281	(54) SECONDARY BATTERY
H01M 50/278	02.07.2020	(73) LG Energy Solution, Ltd.
H01M 50/375	(22) 27.02.2019	(72) MIN, Geon Woo
H01M 50/383	(54) SECONDARY BATTERY AND BATTERY	SHIN, Hang Soo
H01M 50/581	MODULE	KIM, Do Gyun
H01M 50/244	(73) Contemporary Amperex Technology Co.,	JUNG, Sang Suk
(11) EP3796416	Limited	KIM, Chan Bae
(21) EP19926776.6	(72) CHEN, Yuanbao	(31) 20170153649
(47) 18.01.2023	YANG, Rui	(32) 17.11.2017
(87) CN2019094388	JIN, Haizu	(33) Korea (Republic)
05.11.2020	SHI, Dongyang	<hr/>
(22) 02.07.2019	CHEN, Ning	(51) H01M 50/202
(54) BATTERY PACK	LI, Quankun	H01M 50/264
(73) Contemporary Amperex Technology Co.,	(31) 201811646824	H01M 50/267
Limited	(32) 29.12.2018	(11) EP3506384
(72) ZHU, Xianchun	(33) China	(21) EP17843259.7
ZENG, Chao	(51) H01M 50/103	(47) 18.01.2023
CAO, Hua	H01M 50/553	(87) JP2017025949
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(33) China	H01M 50/178	(54) BATTERY SPACER
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(51) H01M 10/48	H01M 50/119	(72) TAKAYANAGI Mika
H01M 10/654	H01M 50/122	(31) 2016164494
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(73) Bayerische Motoren Werke	(54) FLAT CELLS	(87) JP2016059445
Aktiengesellschaft	(73) H&T Rechargeable LLC	29.09.2016
(72) MERTENS, Thomas	(72) Seefeldt, Volker	(22) 24.03.2016
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(33) Germany	H01M 50/184	(73) NEC Corporation
<hr/>	H01M 50/186	(72) INOUE, Kazuhiko
(51) H01M 10/625	H01M 50/342	SHIMURA, Kenichi
H01M 10/6563	H01M 50/55	KAWASAKI, Daisuke
H01M 10/647	H01M 50/578	YOSHIDA, Noboru
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(22) 25.06.2018	H01R 103/00	(22) 21.11.2017
(54) LITHIUM ION SECONDARY BATTERY	H01R 12/58	(54) LASER DEVICE AND METHOD FOR
ELEMENT AND LITHIUM ION	H01R 12/70	CONTROLLING WAVEFORM
SECONDARY BATTERY	H01R 13/533	(73) Hamamatsu Photonics K.K.
(73) Envision AESC Japan Ltd.	H01R 13/74	(72) KURITA, Takashi
(72) TANAKA, Shin	(11) EP3844846	KATO, Yoshinori
OHARA, Kenji	(21) EP19773919.6	KAWASHIMA, Toshiyuki
NAGASHIMA, Satoshi	(47) 18.01.2023	(31) 2016244434
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(32) 07.07.2017	(22) 08.08.2019	(51) H01S 3/102
(33) Japan	(54) HEADER CONNECTOR	H01S 3/067
(51) H01Q 1/22	(73) TE Connectivity Corporation	G06F 21/31
G06K 19/077	(72) CHALAS, Guadalupe	H01S 3/094
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(47) 18.01.2023	(32) 28.08.2018	H01S 5/40
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(22) 21.12.2015	H01R 13/52	H01S 5/022
(54) CREATING ANTENNAS CONNECTED	H01R 43/18	H04L 9/32
TO PRINTED CHIPS BY POST	H01R 12/72	(11) EP3378134
PROCESSING WITH A LASER OR	H01R 13/405	(21) EP16867268.1
OTHER CUTTING DEVICE	H05K 3/28	(47) 18.01.2023
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(33) United States of America	(22) 20.10.2017	(73) NLIGHT, Inc.
(51) H01Q 1/22	(54) TRANSMISSION CONTROL DEVICE, IN	(72) FOLEY, Robert, Joseph
H01Q 1/24	PARTICULAR FOR A MOTOR VEHICLE,	(31) 201562257669 P
H01Q 5/25	AND METHOD FOR PRODUCING AN	(32) 19.11.2015
H01Q 5/40	ELECTRICAL-CONNECTOR HOUSING	(33) United States of America
H01Q 9/04	(73) Robert Bosch GmbH	(51) H01S 3/13
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(72) ZHAO, Yarui	H01R 43/24	(22) 20.11.2018
ZHOU, Mingming	H01R 9/05	(54) SYSTEM AND METHOD FOR
SU, Yuchuan	H01R 13/405	GENERATING A SPATIALLY
(31) 202010746041	H01R 13/6474	LOCALISED HIGH-INTENSITY LASER
(32) 29.07.2020	(11) EP3869634	BEAM
(33) China	(21) EP20158464.6	(73) Amplitude
(51) H01Q 1/24	(47) 18.01.2023	Centre National de la Recherche
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H01Q 9/14	(54) COAXIAL CONNECTOR	(72) ZOMER, Fabien
H01Q 5/321	(73) Rohde & Schwarz GmbH & Co. KG	FAVIER, Pierre
H01Q 5/392	(72) Huber, Rupert	COURJAUD, Antoine
(11) EP3691029	Sterns, Michael	(31) 1760938
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(47) 18.01.2023	(51) H01S 3/08	(33) France
(22) 20.02.2015	H01S 3/13	(51) H01S 5/026
(54) MULTI-BAND ISOLATOR ASSEMBLY	H01S 3/23	H01S 5/183
(73) Microsoft Technology Licensing, LLC	H01S 3/00	(11) EP3926769

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(47) 18.01.2023	(54) CABLE LEAD-IN	(51) H02H 7/18
(22) 18.06.2020	(73) Agro AG	H02H 3/05
(54) METHOD OF PRODUCING A VERTICAL CAVITY SURFACE EMITTING LASER	(72) ROSAMILIA, Valerio MEIER, Niklaus	H01M 10/42
(73) TRUMPF Photonic Components GmbH	(31) 142017	H01M 10/0525
(72) Weichmann, Ulrich	(32) 05.01.2017	H01M 10/48
Bader, Sven	(33) Switzerland	(11) EP2842211
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(22) 22.05.2018	(47) 18.01.2023	(73) Otis Elevator Company
(54) WELDED PRESSURE RELEASE DEVICE	(22) 28.08.2019	(72) ROGERS, Kyle W.
(73) R. STAHL Schaltgeräte GmbH	(54) CABLE SHIELD CONNECTING ASSEMBLY FOR ELECTRICAL DEVICE AND METHOD FOR SECURING AND GROUNDING A CABLE TO A CYLINDRICAL HOUSING OF AN ELECTRIC ROTARY MOTOR	(51) H02H 9/00
(72) ARNHOLD, Thorsten HERMANOWSKI, Clife	(73) ETEL S.A.	H02H 3/06
(31) 102017122957	(72) Garcia-Herreros, Ivan Chechenev, Dmitry	B60M 3/00
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F16M 13/02	(87) JP2013054122	(73) Hitachi Rail Ltd.
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(47) 18.01.2023	(72) NAKAMURA, Yoshihide MARUYAMA, Akinori IKUTA, Yoshinori UETA, Keisuke	(33) United Kingdom
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(22) 13.03.2017	(33) Japan	(21) EP19916792.5
(54) WATERFALL-TYPE CABLE ROUTER	(51) H02H 7/12	(47) 18.01.2023
(73) Cablofil, Inc.	H02H 7/122	(87) CN2019076556
(72) KELLERMAN, Dallas	H02H 9/02	03.09.2020
(31) 201615197909	H02H 3/06	(22) 28.02.2019
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(32) 30.06.2016	(11) EP3923433	(73) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
11.03.2016	(21) EP20767024.1	(72) TIAN, Chen
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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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C09K 11/06	(11) EP3522713	(54) AN ELECTRICALLY HEATED SMOKING SYSTEM HAVING A LIQUID STORAGE PORTION
C07D 209/62	(21) EP17858974.3	(73) Philip Morris Products S.A.
C07D 471/04	(22) 02.10.2017	(72) Thorens, Michel
C07D 237/26	(54) FLUORESCENT DETECTION OF AMINES AND HYDRAZINES AND ASSAYING METHODS THEREOF	Cochand, Olivier-Yves
(11) EP3522713	(73) Illumina, Inc.	Flick, Jean-Marc
(21) EP17858974.3	(72) Li, Jian-Sen	(74) dr. W.A.H.M. Van Borm
(22) 02.10.2017	ASADI, Ali	(31) 08251579
(54) FLUORESCENT DETECTION OF AMINES AND HYDRAZINES AND ASSAYING METHODS THEREOF	(74) ir. W.J.J.M. Kempes	(32) 30.04.2008
(73) Illumina, Inc.	(31) 201662403421 P	(33) European Patent Office (EPO)
(72) Li, Jian-Sen	(32) 03.10.2016	(47) 14.12.2022
ASADI, Ali	(33) United States of America	(51) A44B 11/25
(74) ir. W.J.J.M. Kempes	(47) 30.11.2022	(11) EP3747303
(31) 201662403421 P	(51) A21C 13/00	(21) EP20178563.1
(32) 03.10.2016	A21C 13/02	(22) 05.06.2020
(33) United States of America	(11) EP3552491	(54) MAGNETIC BUCKLE ASSEMBLY
(47) 30.11.2022	(21) EP18166406.1	(73) Wonderland Switzerland AG
(51) A21C 13/00	(22) 09.04.2018	(72) Cheng, Manqun
A21C 13/02	(54) SYSTEM FOR PROVIDING A DOUGH SHEET OF A DOUBLE PRE-FERMENTED DOUGH	(74) ir. H.J.G. Lips c.s.
(11) EP3552491	(73) Radie B.V.	(31) 201910492826
(21) EP18166406.1	(72) VAN BLOKLAND, Johannes Josephus Antonius	(32) 06.06.2019
(22) 09.04.2018	(74) ir. W.J.J.M. Kempes	(33) China
(54) SYSTEM FOR PROVIDING A DOUGH SHEET OF A DOUBLE PRE-FERMENTED DOUGH	(47) 30.11.2022	(47) 02.11.2022
(73) Radie B.V.	(51) A23L 33/00	(51) A47B 77/06
(72) VAN BLOKLAND, Johannes Josephus Antonius	A23L 33/175	E03C 1/33
(74) ir. W.J.J.M. Kempes	A23L 33/19	(11) EP3744214
(47) 30.11.2022	(11) EP3568028	(21) EP20163577.8
(51) A23L 33/00	(21) EP18700408.0	(22) 17.03.2020
A23L 33/175	(22) 11.01.2018	(54) SANITARY DEVICE
A23L 33/19	(54) USE OF WHEY PROTEIN MICELLES AND A SOURCE OF CASEIN FOR LIQUID SPOONABLE NUTRITIONAL COMPOSITIONS	(73) Duravit Aktiengesellschaft
(11) EP3568028	(73) Soci�t� des Produits Nestl� S.A.	(72) Konstanzer, Thomas
(21) EP18700408.0	(72) MARCHESINI, Giulia	Stammel, Thomas
(22) 11.01.2018	HAUSSMANN, Nadine	Weber, Ulrich
(54) USE OF WHEY PROTEIN MICELLES AND A SOURCE OF CASEIN FOR LIQUID SPOONABLE NUTRITIONAL COMPOSITIONS	SVEJE, Kirstine.Mette	(74) ir. W.J.J.M. Kempes
(73) Soci�t� des Produits Nestl� S.A.	LOUSSERT, C�line	(31) 102019114279
(72) MARCHESINI, Giulia	SCHMITT, Bertrand	(32) 28.05.2019
HAUSSMANN, Nadine	WIDMER, Christoph	(33) Germany
SVEJE, Kirstine.Mette	(74) ir. F.A. Geurts c.s.	(47) 16.11.2022
LOUSSERT, C�line	(31) 17151037	(51) A47B 96/20
SCHMITT, Bertrand	(32) 11.01.2017	E01C 5/00
WIDMER, Christoph	(33) European Patent Office (EPO)	E01C 11/22
(74) ir. F.A. Geurts c.s.	(47) 16.11.2022	(11) EP3766385
(31) 17151037	(51) A24B 3/14	(21) EP19723891.8
(32) 11.01.2017	(11) EP3897224	(22) 12.03.2019
(33) European Patent Office (EPO)	(21) EP19829528.9	(54) MODULAR PAVEMENT
(47) 16.11.2022	(22) 18.12.2019	(73) Sim�es Vicente, Rui Pedro
(51) A24B 3/14	(54) METHOD FOR THE PRODUCTION OF A SHEET OF MATERIAL CONTAINING ALKALOIDS	(72) Sim�es Vicente, Rui Pedro
(11) EP3897224	(73) Philip Morris Products S.A.	(74) ir. W.J.J.M. Kempes
(21) EP19829528.9	(72) DUC, Fabien	(31) 2018110620
(22) 18.12.2019	POGET, Laurent Edouard	(32) 12.03.2018
(54) METHOD FOR THE PRODUCTION OF A SHEET OF MATERIAL CONTAINING ALKALOIDS	(74) dr. W.A.H.M. Van Borm	(33) Portugal
(73) Philip Morris Products S.A.	(31) 17211112	(47) 26.10.2022
(72) LAUENSTEIN, Stefan	(32) 29.12.2017	(51) A47F 3/14
(74) dr. W.A.H.M. Van Borm	(33) European Patent Office (EPO)	A47F 5/16
(31) 18213641	(47) 14.12.2022	(11) EP3888501
(32) 18.12.2018	(51) A24F 40/44	(21) EP21401015.9
(33) European Patent Office (EPO)	A24F 40/10	(22) 26.03.2021
(47) 07.12.2022	(11) EP3808194	(54) FOLDABLE BASE ELEMENT
(51) A24B 3/14	(21) EP20214666.8	(73) red-U GmbH
	(22) 22.04.2009	(72) Feller, Jan
		(74) ir. W.J.J.M. Kempes
		(31) 102020109457
		(32) 03.04.2020
		(33) Germany
		(47) 30.11.2022
		(51) A47G 1/04

A45D 42/08	(11) EP3829400	(11) EP2822430	(54) VACUUM CLEANER NOZZLE
(21) EP19765293.6	(21) EP13703452.6	(21) EP13703452.6	COMBINING A FIRST AND A SECOND
(22) 01.08.2019	(22) 12.02.2013	(22) 12.02.2013	SUCTION HEAD CONNECTED TO
(54) AMBIENT-EFFECT MIRROR EQUIPPED	(54) BEVERAGE VENDING MACHINE AND	(54) BEVERAGE VENDING MACHINE AND	ONE ANOTHER BY A CONNECTION
WITH HEIGHT-ADJUSTABLE	OUTFLOW MODULE FOR SUCH A	OUTFLOW MODULE FOR SUCH A	SYSTEM
MAGNIFYING EFFECT	BEVERAGE VENDING MACHINE	BEVERAGE VENDING MACHINE	(73) SEB S.A.
(73) HACCESS	(73) Schaerer AG	(73) Schaerer AG	(72) FROT, Donatien
(72) PONZO, Jean-Luc	(72) EGLI, Peter	(72) EGLI, Peter	(74) dr. R.C. van Duijvenbode c.s.
(74) ir. W.J.J.M. Kempes	MOSIMANN, Bruno	MOSIMANN, Bruno	(31) 1851621
(31) 1857288	LÜSSI, André	LÜSSI, André	(32) 23.02.2018
(32) 03.08.2018	AEBERHARD, Bruno	AEBERHARD, Bruno	(33) France
(33) France	(74) dr. R.C. van Duijvenbode c.s.	(74) dr. R.C. van Duijvenbode c.s.	(47) 30.11.2022
(47) 12.10.2022	(31) 342122012	(31) 342122012	(51) A61B 3/10
(51) A47J 31/06	(32) 09.03.2012	(32) 09.03.2012	G02B 27/00
A47J 31/44	(33) Switzerland	(33) Switzerland	(11) EP2805670
(11) EP2918197	(47) 09.11.2022	(47) 09.11.2022	(21) EP14166795.6
(21) EP15157119.7	(51) A47J 31/52	(51) A47J 31/52	(22) 01.05.2014
(22) 02.03.2015	(11) EP3713462	(11) EP3713462	(54) IMPROVEMENTS IN AND RELATING
(54) Filter holder assembly, filter holder coffee	(21) EP18829498.7	(21) EP18829498.7	TO OPHTHALMOSCOPES
machine and discharge insert	(22) 21.11.2018	(22) 21.11.2018	(73) Optos PLC
(73) WMF GmbH	(54) MACHINE TO DISPENSE COFFEE-	(54) MACHINE TO DISPENSE COFFEE-	(72) Muyo, Gonzalo
(72) Göltenboth, Frank	BASED BEVERAGES, AND	BASED BEVERAGES, AND	Swan, Derek
(74) J.M.H. Duyver lic.	CORRESPONDING DISPENSING	CORRESPONDING DISPENSING	(74) J.M.H. Duyver lic.
(31) 102014204487	METHOD AND PROGRAM	METHOD AND PROGRAM	(31) 201307936
(32) 11.03.2014	(73) Illycaffe' S.p.A.	(73) Illycaffe' S.p.A.	(32) 02.05.2013
(33) Germany	(72) PIRAS, Riccardo	(72) PIRAS, Riccardo	(33) United Kingdom
(47) 28.12.2022	CESCUTTI, Francesco	CESCUTTI, Francesco	(47) 21.12.2022
(51) A47J 31/36	BULIGATTO, Eleonora	BULIGATTO, Eleonora	(51) A61B 5/02
A47J 31/06	ILLY, Andrea	ILLY, Andrea	G06T 7/00
(11) EP3493715	SUGGI LIVERANI, Furio	SUGGI LIVERANI, Furio	(11) EP3795070
(21) EP17754831.0	ALESSIO, Michele	ALESSIO, Michele	(21) EP20202450.1
(22) 03.08.2017	(74) ir. J.C. Volmer c.s.	(74) ir. J.C. Volmer c.s.	(22) 15.03.2017
(54) SYSTEM, APPARATUS AND METHOD	(31) 201700133303	(31) 201700133303	(54) SYSTEMS AND METHODS FOR
FOR PREPARING A BEVERAGE	(32) 21.11.2017	(32) 21.11.2017	ESTIMATING HEALTHY LUMEN
(73) Koninklijke Douwe Egberts B.V.	(33) Italy	(33) Italy	DIAMETER AND STENOSIS
(72) KOUIJKER, Klaas	(47) 23.11.2022	(47) 23.11.2022	QUANTIFICATION IN CORONARY
RIJSKAMP, Peter	(51) A47J 43/07	(51) A47J 43/07	ARTERIES
OGINK, Judith Margreet Hanneke	(11) EP3861904	(11) EP3861904	(73) HeartFlow, Inc.
CORNELISSEN, Marjan	(21) EP21151874.1	(21) EP21151874.1	(72) GRADY, Leo
(74) ir. H.A. Witmans c.s.	(22) 15.01.2021	(22) 15.01.2021	SANKARAN, Sethuraman
(31) 2017285	(54) MANUAL CHOPPER WITH DOUBLE	(54) MANUAL CHOPPER WITH DOUBLE	SCHAAP, Michiel
(32) 03.08.2016	SEALING SYSTEM	SEALING SYSTEM	(74) ir. W.J.J.M. Kempes
(33) Netherlands	(73) SEB S.A.	(73) SEB S.A.	(31) 201662309376 P
(47) 19.10.2022	(72) BENOIT, David	(72) BENOIT, David	(32) 16.03.2016
(51) A47J 31/44	PLICHON, Stéphane	PLICHON, Stéphane	(33) United States of America
A47J 31/60	(74) dr. R.C. van Duijvenbode c.s.	(74) dr. R.C. van Duijvenbode c.s.	(47) 21.12.2022
(11) EP3811830	(31) 2001214	(31) 2001214	(51) A61B 5/053
(21) EP20199032.2	(32) 07.02.2020	(32) 07.02.2020	A61M 25/10
(22) 29.09.2020	(33) France	(33) France	A61M 25/00
(54) DRINKS MACHINE	(47) 12.10.2022	(47) 12.10.2022	A61B 5/0205
(73) Eugster/Frisomag AG	(51) A47J 45/06	(51) A47J 45/06	A61B 5/026
Miele & Cie. KG	(11) EP3880051	(11) EP3880051	A61B 5/00
(72) Jungclaus, Dirk	(21) EP19778686.6	(21) EP19778686.6	A61B 5/01
Giezendanner, Stefan	(22) 23.09.2019	(22) 23.09.2019	A61B 5/0215
Stösser, Gabriel	(54) VESSEL FOR COOKING FOOD	(54) VESSEL FOR COOKING FOOD	A61B 5/107
(31) 102019128286	AND ITS RESPECTIVE ENHANCED	AND ITS RESPECTIVE ENHANCED	A61B 5/0538
(32) 21.10.2019	THERMAL SIGNALLING DEVICE	THERMAL SIGNALLING DEVICE	A61B 5/027
(33) Germany	(73) Zwilling Ballarini Italia Srl	(73) Zwilling Ballarini Italia Srl	A61B 5/03
(47) 21.12.2022	(72) FERRON, Francesco	(72) FERRON, Francesco	(11) EP3099226
(51) A47J 31/44	(74) drs. C.M.A. Quintelier	(74) drs. C.M.A. Quintelier	(21) EP15743045.5
G07F 13/06	(31) 201800010408	(31) 201800010408	(22) 30.01.2015
A47J 31/40	(32) 16.11.2018	(32) 16.11.2018	(54) LUMINAL IMPEDANCE DEVICE WITH
A47J 31/60	(33) Italy	(33) Italy	INTEGRATED CIRCUIT MODULES
G07F 11/00	(47) 26.10.2022	(47) 26.10.2022	(73) 3DT Holdings, LLC
G07F 5/18	(51) A47L 9/02	(51) A47L 9/02	(72) KASSAB, Ghassan, S.
F16L 13/14	(11) EP3530168	(11) EP3530168	MINAR, Chris
G07F 9/02	(21) EP19156543.1	(21) EP19156543.1	SOYKAN, Orhan
	(22) 11.02.2019	(22) 11.02.2019	COMBS, William

(74) ir. W.J.J.M. Kempes	G01N 21/17	(54) IMPACTOR AND STABILIZER FOR
(31) 201461933803 P	G01N 21/45	FRACTURING CALCIFICATIONS IN
(32) 30.01.2014	G01N 33/543	HEART VALVES
(33) United States of America	G01N 21/77	(73) Pi-Cardia Ltd.
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G01B 13/20	(22) 26.05.2017	LEVY, Ronnie
G01B 13/00	(54) DEVICE FOR DETECTING AND/OR	KARNI, Shai
G01F 17/00	DETERMINING THE CONCENTRATION	GAL-OR, Ofir
(11) EP3128910	OF AN ANALYTE PRESENT IN A	(74) ir. H.A. Witmans c.s.
(21) EP15713950.2	TISSUE AND A METHOD AND USE OF	(31) 201715723379
(22) 10.04.2015	THIS DEVICE	(32) 03.10.2017
(54) PROCESS FOR THE DETERMINATION	(73) SDS Optic Spolka Akcyjna	(33) United States of America
OF THE CROSS-SECTIONAL AREA	(72) STANISZEWSKA, Magdalena	(47) 26.10.2022
AND VOLUME OF AN OBJECT	WYSOKINSKI, Karol	(51) A61B 17/3203
(73) Peracutus Holding B.V.	STANISZEWSKI, Marcin	A61B 17/22
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(32) 10.04.2014	FIDELUS, Janusz	HELICAL GUIDEWIRE
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F16M 11/18	(47) 19.10.2022	SCHROM, Michael P.
H05G 1/02	(51) A61B 17/00	QUILLIN, Daniel T.
F16M 11/10	A61B 17/12	(74) ir. A.R. Aalbers
F16G 13/16	A61B 17/3207	(31) 201762461553 P
H02G 11/02	A61B 17/221	(32) 21.02.2017
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(54) ARTICULATED ARM FOR	(54) CATHETER COMPRISING A CUTTING	A63B 71/08
SUSPENDING AN X-RAY HEAD	ELEMENT	A61F 5/56
(73) Micro-X Limited	(73) Balton Sp. z o.o.	B32B 7/02
(72) ROWLAND, Peter	(72) PLOWIECKI, Emil	B32B 7/12
BYERS, Richard	HURKALA, Leszek	B32B 27/08
SKEATS, Anthony	(74) ir. W.J.J.M. Kempes	B32B 27/28
YEAP, Chin Eng	(31) 40982414	B32B 27/30
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(47) 02.11.2022	A61F 2/00	(11) EP3629995
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G01N 29/24	A61B 17/00	(22) 31.05.2018
G06T 5/00	A61B 17/062	(54) DUAL SHELL DENTAL APPLIANCE
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G01S 7/52	(54) INSERTION DEVICE FOR DELIVERY	STEWART, Ray F.
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(74) drs. W.H.P. Derks
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(54) TWO-LAYER TENSION
MEASUREMENT SYSTEM FOR
COMPRESSION GARMENTS
(73) Medi Manufacturing Inc.
(72) RICHARDSON, Thomas
LIPSHAW, Moses
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(54) SENSOR FOR ABSORBENT ARTICLE
(73) Medline Industries, LP
(72) CHRISTIANSEN, Michelle
FOGEL, Jeremy, Stephen
BOWSER, William
(74) mr. ir. J. van Breda c.s.
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(54) PRESSURE-REGULATING VIAL
ADAPTORS
(73) ICU Medical, Inc.
(72) FANGROW, Thomas F.
- (74) dr. R.C. van Duijvenbode c.s.
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A24B 15/38
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(73) Philip Morris Products S.A.
(72) STAHL, My Ly Lao
NEERGAARD, Jesper
JAKOBSEN, Bine Hare
NIELSEN, Bruno Provstgaard
BRUUN, Heidi Ziegler
(74) dr. W.A.H.M. Van Borm
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A DRUG DELIVERY SYSTEM
(73) Cebiotex, S.L.
(72) TORNERO GARCIA, Jose Antonio
MARTI CLAUSEZ, Luc Michelguy
CANO CASAS, Francesc
BERTRAN LLAVINA, Joan
(74) J. Hoekstra
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(73) fischerwerke GmbH & Co. KG	(72) ELSOM, Robin	(74) ir. W.J.J.M. Kempes
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F16L 1/18	(73) Alperia Green Future S.r.l.	Seo, Yongman
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LIBENSON, Maksim	COLLECTING GARBAGE IN SOLID	SAH, Maneesh
KIPPEN, Mike	STATE HARD DISK	MANII, Esfandiar
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VB2

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C12G 3/08	A01N 43/78
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(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3878808	(11) EP3897280	(11) EP3931815
(00) 14.09.2022	(00) 14.09.2022	(00) 14.09.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3879378	(11) EP3898339	(11) EP3932175
(00) 14.09.2022	(00) 14.09.2022	(00) 14.09.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3879629	(11) EP3899396	(11) EP3932277
(00) 14.09.2022	(00) 14.09.2022	(00) 14.09.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3880280	(11) EP3900589	(11) EP3932584
(00) 14.09.2022	(00) 14.09.2022	(00) 14.09.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3880406	(11) EP3901129	(11) EP3933433
(00) 14.09.2022	(00) 14.09.2022	(00) 14.09.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3880906	(11) EP3901479	(11) EP3936411
(00) 14.09.2022	(00) 14.09.2022	(00) 14.09.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3881909	(11) EP3901642	(11) EP3936753
(00) 14.09.2022	(00) 14.09.2022	(00) 14.09.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3883859	(11) EP3901801	(11) EP3940347
(00) 14.09.2022	(00) 14.09.2022	(00) 14.09.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3884095	(11) EP3906140	(11) EP3942364
(00) 14.09.2022	(00) 14.09.2022	(00) 14.09.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3885293	(11) EP3906525	(11) EP3943271
(00) 14.09.2022	(00) 14.09.2022	(00) 14.09.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3885544	(11) EP3907563	(11) EP3943917
(00) 14.09.2022	(00) 14.09.2022	(00) 14.09.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3885592	(11) EP3910023	(11) EP3945963
(00) 14.09.2022	(00) 14.09.2022	(00) 14.09.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3885830	(11) EP3914506	(11) EP3947100
(00) 14.09.2022	(00) 14.09.2022	(00) 14.09.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3885845	(11) EP3916764	(11) EP3947616
(00) 14.09.2022	(00) 14.09.2022	(00) 14.09.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3887068	(11) EP3916841	(11) EP3948855
(00) 14.09.2022	(00) 14.09.2022	(00) 14.09.2022

(00) EPV Ceased Effect
 (11) EP3952035
 (00) 14.09.2022
 (00) EPV Ceased Effect
 (11) EP3953724
 (00) 14.09.2022
 (00) EPV Ceased Effect
 (11) EP3953762
 (00) 14.09.2022
 (00) EPV Ceased Effect
 (11) EP3953988
 (00) 14.09.2022
 (00) EPV Ceased Effect
 (11) EP3955816
 (00) 14.09.2022
 (00) EPV Ceased Effect
 (11) EP3958396
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 (00) EPV Ceased Effect
 (11) EP3964722
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 (00) EPV Ceased Effect
 (11) EP3964882
 (00) 14.09.2022
 (00) EPV Ceased Effect
 (11) EP3968921
 (00) 14.09.2022
 (00) EPV Ceased Effect
 (11) EP3970591
 (00) 14.09.2022
 (00) EPV Ceased Effect
 (11) EP3972892
 (00) 14.09.2022
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 (11) EP3981690
 (00) 14.09.2022
 (00) EPV Ceased Effect
 (11) EP3993859
 (00) 14.09.2022
 (00) EPV Ceased Effect
 (11) EP3996347
 (00) 14.09.2022
 (00) EPV Ceased Effect
 (11) EP4009009
 (00) 14.09.2022
 (00) EPV Ceased Effect
 (11) EP4009841
 (00) 14.09.2022
 (00) EPV Ceased Effect
 (11) EP4022099
 (00) 14.09.2022
 (00) EPV Ceased Effect
 (11) EP4037818
 (00) 14.09.2022
 (00) EPV Ceased Effect

VRB

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

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) Apollo Tyres (NL) B.V.	(73) KONGSBERG MARITIME AS	(73) Eibit Systems of America, LLC
(73) Apollo Tyres (NL) B.V.	(11) EP1879053	(11) EP1700328
(11) 2006420	(00) 11.01.2023	(00) 11.01.2023
(00) 11.01.2023	(51) G01V 1/38	(51) H01J 29/08
(51) B29D 30/52	(00) Assignment	(00) Change of owner(s) name
B60C 19/08	(71) PL Bio Co., Ltd.	(71) FEI Electron Optics B.V.
(00) Change of owner(s) name	CJ WELLCARE CORPORATION	(73) FEI Electron Optics B.V.
(71) Bird Control Group B.V.	(73) PL Bio Co., Ltd.	(11) 2016367
(73) Bird Control Group B.V.	CJ WELLCARE CORPORATION	(00) 12.01.2023
(11) 1039692	(11) EP1789531	(51) H01J 37/18
(00) 11.01.2023	(00) 11.01.2023	H01J 37/20
(51) A01M 29/10	(51) A23L 1/054	H01J 37/28
(00) Assignment	A61K 35/66	(00) Merge
	C12N 1/20	(71) L3Harris Technologies, Inc.
(71) Apollo Tyres (NL) B.V.	(00) Assignment	(73) Eibit Systems of America, LLC
(73) Apollo Tyres (NL) B.V.	(71) Reata Pharmaceuticals Holdings, LLC	(11) EP2619786
(11) 2000272	(73) Reata Pharmaceuticals Holdings, LLC	(00) 11.01.2023
(00) 11.01.2023	(11) EP2187741	(51) G02B 23/12
(51) B60C 11/00	(00) 13.01.2023	G02B 23/18
B60C 11/24	(51) A61K 45/06	H01J 31/50
(00) Change of owner(s) name	A61P 35/00	(00) Change of owner(s) name
(71) Apollo Tyres (NL) B.V.	(00) Assignment	(71) HARRIS CORPORATION
(73) Apollo Tyres (NL) B.V.	(71) Gregor Laese	(73) Eibit Systems of America, LLC
(11) 2000322	(73) Gregor Laese	(11) EP1700328
(00) 11.01.2023	(11) EP2185248	(00) 11.01.2023
(51) B60C 11/12	(00) 11.01.2023	(51) H01J 29/08
(00) Change of owner(s) name	(51) A62C 33/00	(00) Merge
(71) Apollo Tyres (NL) B.V.	B65G 7/12	(71) Eibit Systems of America, LLC
(73) Apollo Tyres (NL) B.V.	(00) Assignment	(73) Eibit Systems of America, LLC
(11) 2006873	(71) Genspeed Biotech GmbH	(11) EP1700328
(00) 11.01.2023	(73) Genspeed Biotech GmbH	(00) 11.01.2023
(51) B29D 30/52	(11) EP2201139	(51) H01J 29/08
B60C 19/08	(00) 12.01.2023	(00) Assignment
(00) Change of owner(s) name	(51) C12Q 1/68	(71) Turbo Systems Switzerland Ltd.
(71) Bird Control Group B.V.	(00) Assignment	(73) Turbo Systems Switzerland Ltd.
(73) Bird Control Group B.V.	(71) Turbo Systems Switzerland Ltd.	(11) EP2461053
(11) 2010170	(73) Turbo Systems Switzerland Ltd.	(00) 16.01.2023
(00) 11.01.2023	(11) EP2193279	(51) F01D 25/16
(51) F21V 23/04	(00) 16.01.2023	F16C 17/04
(00) Assignment	(51) F01D 25/16	F16C 17/10
(71) Apollo Tyres (NL) B.V.	F16C 17/04	F16C 17/18
(73) Apollo Tyres (NL) B.V.	F16C 17/10	F16C 33/10
(11) 2011123	F16C 17/18	(00) Assignment
(00) 11.01.2023	F16C 33/10	(71) Reata Pharmaceuticals Holdings, LLC
(51) B60B 5/00	(00) Assignment	(73) Reata Pharmaceuticals Holdings, LLC
B62D 35/00	(71) HARRIS CORPORATION	(11) EP2450057
B62D 47/02	(73) Eibit Systems of America, LLC	(00) 13.01.2023
(00) Change of owner(s) name	(11) EP2434269	(51) A61K 31/70
(71) Eibit Systems of America, LLC	(00) 11.01.2023	A61K 45/06
(73) Eibit Systems of America, LLC	(51) G01M 11/00	A61P 35/00
(11) EP1801633	G02B 7/00	(00) Assignment
(00) 11.01.2023	G02B 23/12	(71) KONGSBERG MARITIME AS
(51) G02B 23/12	G02B 27/62	(73) KONGSBERG MARITIME AS
(00) Assignment	(00) Merge	(11) EP1735638
(71) FEI Electron Optics B.V.	(71) AQUADRAAT ENGINEERING BV	(00) 11.01.2023
(73) FEI Electron Optics B.V.	(73) AQUADRAAT ENGINEERING BV	(51) G01S 13/82
(11) 2013783	(11) EP2572060	G01S 13/87
(00) 12.01.2023	(00) 11.01.2023	G05D 1/02
(51) H01J 37/20	(51) E04D 13/04	(00) Assignment
(00) Merge	(00) Change of Legal Entity	(71) Reata Pharmaceuticals Holdings, LLC
(71) KONGSBERG MARITIME AS	(71) L3Harris Technologies, Inc.	(73) Reata Pharmaceuticals Holdings, LLC

(11) EP2395979	(51) G01M 11/00	C07K 16/28
(00) 13.01.2023	G02B 7/00	(00) Change of owner(s) name
(51) A61K 9/16	G02B 23/12	(71) STE INDUSTRIES S.R.L.
(00) Assignment	G02B 27/62	(73) STE INDUSTRIES S.R.L.
(71) STE INDUSTRIES S.R.L.	(00) Change of owner(s) name	(11) EP2705606
(73) STE INDUSTRIES S.R.L.	(71) Eibit Systems of America, LLC	(00) 11.01.2023
(11) EP1787831	(73) Eibit Systems of America, LLC	(51) H03G 3/30
(00) 11.01.2023	(11) EP2434269	H04B 1/16
(51) B60C 23/04	(00) 11.01.2023	(00) Assignment
(00) Assignment	(51) G01M 11/00	(71) Reata Pharmaceuticals Holdings, LLC
(71) STE s.r.l.	G02B 7/00	(73) Reata Pharmaceuticals Holdings, LLC
(73) STE INDUSTRIES S.R.L.	G02B 23/12	(11) EP3254675
(11) EP1787831	G02B 27/62	(00) 13.01.2023
(00) 11.01.2023	(00) Assignment	(51) A61K 9/16
(51) B60C 23/04	(71) KONGSBERG MARITIME AS	A61K 9/48
(00) Change of Legal Entity	(73) KONGSBERG MARITIME AS	A61K 31/70
(71) L3Harris Technologies, Inc.	(11) EP2447737	(00) Assignment
(73) Eibit Systems of America, LLC	(00) 11.01.2023	(71) L3HARRIS COMMERCIAL TRAINING SOLUTIONS LIMITED
(11) EP1801633	(51) G01V 1/38	(73) L3HARRIS COMMERCIAL TRAINING SOLUTIONS LIMITED
(00) 11.01.2023	(00) Assignment	(11) EP2705392
(51) G02B 23/12	(71) Sun Pharmaceutical Industries Limited	(00) 16.01.2023
(00) Change of owner(s) name	(73) Sun Pharmaceutical Industries Limited	(51) B29C 51/10
(71) HARRIS CORPORATION	(11) EP2969227	B29D 1/00
(73) Eibit Systems of America, LLC	(00) 13.01.2023	B29D 11/00
(11) EP1801633	(51) A61K 9/14	G02B 5/08
(00) 11.01.2023	A61K 9/16	G02B 5/10
(51) G02B 23/12	A61K 9/20	G02B 7/182
(00) Merge	A61K 31/573	G02B 26/08
(71) DELLNER BUBENZER GERMANY GmbH	A61K 31/58	G03B 21/14
(73) DELLNER BUBENZER GERMANY GmbH	A61P 13/08	G09B 9/32
(11) EP1935837	A61P 35/00	(00) Change of owner(s) name
(00) 13.01.2023	B02C 19/00	(71) Daniel Measurement and Control, LLC
(51) B66D 5/30	C07J 43/00	(73) Emerson Automation Solutions Measurement Systems & Services LLC
(00) Change of owner(s) name	(00) Merge	(11) EP2271923
(71) Technogenetics S.p.A.	(71) HARRIS CORPORATION	(00) 11.01.2023
(73) Technogenetics S.p.A.	(73) Eibit Systems of America, LLC	(51) G01F 1/66
(11) EP3172554	(11) EP2619786	G01F 1/74
(00) 13.01.2023	(00) 11.01.2023	G01F 25/00
(51) G01N 21/01	(51) G02B 23/12	G01N 29/02
G01N 21/11	G02B 23/18	G01N 29/14
G01N 21/13	H01J 31/50	G01N 29/44
G01N 21/64	(00) Merge	(00) Change of Legal Entity
G01N 21/76	(71) Eibit Systems of America, LLC	(71) Automotive Fryslân B.V.
G01N 35/04	(73) Eibit Systems of America, LLC	(73) Automotive Fryslân B.V.
G01N 35/10	(11) EP2619786	(11) 2016413
(00) Change of Legal Entity	(00) 11.01.2023	(00) 17.01.2023
(71) Daniel Measurement and Control, LLC	(51) G02B 23/12	(51) B60N 2/20
(73) Emerson Automation Solutions Measurement Systems & Services LLC	G02B 23/18	(00) Assignment
(11) EP2681475	H01J 31/50	(71) Eibit Systems of America, LLC
(00) 11.01.2023	(00) Assignment	(73) Eibit Systems of America, LLC
(51) F16K 27/06	(71) Genspeed Biotech GmbH	(11) EP2967180
F16L 23/00	(73) Genspeed Biotech GmbH	(00) 11.01.2023
(00) Change of Legal Entity	(11) EP2652479	(51) A42B 3/04
(71) AQUADRAAT ENGINEERING BV	(00) 12.01.2023	(00) Assignment
(73) AQUADRAAT ENGINEERING BV	(51) B01L 3/00	(71) L3Harris Technologies, Inc.
(11) 1043043	G01N 21/03	(73) Eibit Systems of America, LLC
(00) 11.01.2023	G01N 21/76	(11) EP2967180
(51) F16B 13/08	G01N 21/77	(00) 11.01.2023
F16B 35/04	G01N 21/78	(51) A42B 3/04
(00) Change of Legal Entity	G01N 21/82	(00) Change of owner(s) name
(71) L3Harris Technologies, Inc.	(00) Assignment	(71) HARRIS CORPORATION
(73) Eibit Systems of America, LLC	(71) Xencor, Inc.	(73) Eibit Systems of America, LLC
(11) EP2434269	(73) Xencor, Inc.	(11) EP2967180
(00) 11.01.2023	(11) EP2808343	(00) 11.01.2023
	(00) 11.01.2023	
	(51) C07K 16/22	
	C07K 16/24	

(51) A42B 3/04	H04W 4/02	(51) B01D 45/14
(00) Merge	(00) Assignment	F04D 29/42
(71) Eibit Systems of America, LLC	(71) Emerson Automation Solutions	F04D 29/44
(73) Eibit Systems of America, LLC	Measurement Systems & Services LLC	F04D 29/58
(11) EP2245772	(73) Emerson Automation Solutions	F04D 29/70
(00) 11.01.2023	Measurement Systems & Services LLC	F24C 15/20
(51) H04J 3/06	(11) EP3056878	(00) Assignment
H04L 27/26	(00) 11.01.2023	(71) Inovvida Aero IP UG
H04W 56/00	(51) G01F 1/34	(haftungsbeschränkt)
(00) Assignment	G01F 25/00	(73) Inovvida Aero IP UG
(71) KONGSBERG MARITIME AS	G01M 3/02	(haftungsbeschränkt)
(73) KONGSBERG MARITIME AS	G01M 3/28	(11) EP2542786
(11) EP2976657	(00) Change of owner(s) name	(00) 11.01.2023
(00) 11.01.2023	(71) Apollo Tyres (NL) B.V.	(51) B01D 45/14
(51) G01C 3/08	(73) Apollo Tyres (NL) B.V.	F04D 29/42
G01S 7/481	(11) EP2922910	F04D 29/44
G01S 7/497	(00) 11.01.2023	F04D 29/58
G01S 17/02	(51) C08K 3/06	F04D 29/70
G01S 17/42	C08K 5/14	F24C 15/20
G01S 17/66	(00) Change of owner(s) name	(00) Change of owner(s) name
G01S 17/74	(71) Technogenetics S.p.A.	(71) SK Innovation Co., Ltd.
(00) Assignment	(73) Technogenetics S.p.A.	SK Enmove Co., Ltd.
(71) SK Innovation Co., Ltd.	(11) EP2912474	(73) SK Innovation Co., Ltd.
SK Enmove Co., Ltd.	(00) 13.01.2023	SK Enmove Co., Ltd.
(73) SK Innovation Co., Ltd.	(51) G01N 35/10	(11) EP2985337
SK Enmove Co., Ltd.	(00) Change of Legal Entity	(00) 09.01.2023
(11) EP2862627	(71) Bunge Loders Croklaan B.V.	(51) B01J 21/16
(00) 09.01.2023	(73) Bunge Loders Croklaan B.V.	B01J 23/44
(51) B01J 29/04	(11) EP2956010	B01J 29/08
B01J 29/70	(00) 13.01.2023	B01J 29/70
B01J 29/74	(51) A23L 33/00	B01J 35/10
B01J 29/76	A23D 9/00	(00) Change of owner(s) name
B01J 35/10	C11C 3/08	(71) KONGSBERG MARITIME AS
C10G 45/64	A23D 9/02	(73) KONGSBERG MARITIME AS
(00) Change of owner(s) name	A23L 33/115	(11) EP2452211
(71) PASSIV UK LIMITED	A23L 33/12	(00) 11.01.2023
(73) PASSIV UK LIMITED	(00) Change of owner(s) name	(51) G01V 1/38
(11) EP2850500	(71) KONGSBERG MARITIME AS	G01V 1/20
(00) 10.01.2023	(73) KONGSBERG MARITIME AS	(00) Assignment
(51) G05D 23/19	(11) EP2452210	(71) L3 COMMERCIAL TRAINING
F24F 11/30	(00) 11.01.2023	SOLUTIONS LIMITED
(00) Assignment	(51) B63B 21/66	(73) L3HARRIS COMMERCIAL TRAINING
(71) The Curators of the University of Missouri	B63G 8/42	SOLUTIONS LIMITED
Upside Foods, Inc.	G01V 1/38	(11) EP2705392
(73) The Curators of the University of Missouri	(00) Assignment	(00) 16.01.2023
Upside Foods, Inc.	(71) Emerson Automation Solutions	(51) B29C 51/10
(11) EP3071040	Measurement Systems & Services LLC	B29D 1/00
(00) 12.01.2023	(73) Emerson Automation Solutions	B29D 11/00
(51) A01N 63/00	Measurement Systems & Services LLC	G02B 5/08
A01N 65/00	(11) EP2681475	G02B 5/10
A61K 35/35	(00) 11.01.2023	G02B 7/182
C12N 5/10	(51) F16K 27/06	G02B 26/08
A61K 35/28	F16L 23/00	G03B 21/14
C12N 5/077	(00) Change of owner(s) name	G09B 9/32
A23L 13/00	(71) AustinPx, LLC	(00) Change of owner(s) name
A61K 35/545	(73) AustinPx, LLC	(71) Emerson Automation Solutions
(00) Change of owner(s) name	(11) EP3470133	Measurement Systems & Services LLC
(71) KONGSBERG MARITIME AS	(00) 16.01.2023	(73) Emerson Automation Solutions
(73) KONGSBERG MARITIME AS	(51) A61K 9/14	Measurement Systems & Services LLC
(11) EP2710673	B01F 7/00	(11) EP2271923
(00) 11.01.2023	B01F 15/00	(00) 11.01.2023
(51) H01Q 1/34	(00) Change of owner(s) name	(51) G01F 1/66
H01Q 3/01	(71) Berling Aero IP UG (haftungsbeschränkt)	G01F 1/74
H01Q 3/30	(73) Inovvida Aero IP UG	G01F 25/00
H04B 7/06	(haftungsbeschränkt)	G01N 29/02
H04B 7/08	(11) EP2542786	G01N 29/14
H04L 5/00	(00) 11.01.2023	G01N 29/44

(00) Change of owner(s) name	(00) Change of Legal Entity	(00) 11.01.2023
(71) Bird Control Group B.V.	(71) Emerson Automation Solutions	(51) A42B 3/08
(73) Bird Control Group B.V.	Measurement Systems & Services LLC	A42B 3/10
(11) EP2996467	(73) Emerson Automation Solutions	A42B 3/22
(00) 11.01.2023	Measurement Systems & Services LLC	A61F 9/06
(51) A01M 29/10	(11) EP2342650	(00) Assignment
(00) Assignment	(00) 11.01.2023	(71) KONGSBERG MARITIME AS
(71) ASMP T SINGAPORE PTE. LTD.	(51) G05B 19/042	(73) KONGSBERG MARITIME AS
(73) ASMP T SINGAPORE PTE. LTD.	G06F 13/38	(11) EP2229596
(11) EP3138655	(00) Change of owner(s) name	(00) 11.01.2023
(00) 13.01.2023	(71) DELLNER BUBENZER GERMANY	(51) B63B 21/66
(51) G02B 7/16	GmbH	G01V 1/20
B23K 26/064	(73) DELLNER BUBENZER GERMANY	G01V 1/38
B23K 26/364	GmbH	(00) Assignment
(00) Change of owner(s) name	(11) EP3003807	(71) Shangrao Jinko solar Technology
(71) Elta Systems Ltd.	(00) 13.01.2023	Development Co., LTD
(73) Elta Systems Ltd.	(51) B60T 13/66	(73) Shangrao Jinko solar Technology
(11) EP3635500	B60T 17/22	Development Co., LTD
(00) 13.01.2023	B60L 3/00	(11) EP2822041
(51) G05D 1/02	(00) Change of owner(s) name	(00) 10.01.2023
B62D 6/00	(71) Hestaco AS	(51) H01L 31/0224
G01C 21/00	(73) Hestaco AS	H01L 31/068
G06T 7/62	(11) EP2914893	H01L 31/18
(00) Assignment	(00) 11.01.2023	(00) Assignment
(71) Emerson Automation Solutions	(51) B65D 90/00	(71) CryoDesalination, LLC
Measurement Systems & Services LLC	B65D 90/38	(73) CryoDesalination, LLC
(73) Emerson Automation Solutions	F17C 1/00	(11) EP2663529
Measurement Systems & Services LLC	F17C 7/02	(00) 11.01.2023
(11) EP2665996	F17C 9/00	(51) A23L 2/70
(00) 11.01.2023	(00) Assignment	C02F 1/10
(51) G01F 3/00	(71) Bird Control Group B.V.	C02F 1/24
G01F 25/00	(73) Bird Control Group B.V.	(00) Assignment
(00) Change of owner(s) name	(11) EP2864697	(71) Daniel Measurement and Control, LLC
(71) Daniel Measurement and Control, LLC	(00) 11.01.2023	(73) Emerson Automation Solutions
(73) Emerson Automation Solutions	(51) F21L 4/00	Measurement Systems & Services LLC
Measurement Systems & Services LLC	F21V 23/04	(11) EP3056878
(11) EP2665996	F21Y 115/10	(00) 11.01.2023
(00) 11.01.2023	F21Y 115/30	(51) G01F 1/34
(51) G01F 3/00	(00) Assignment	G01F 25/00
G01F 25/00	(71) ASAH I PHARMA CO., LTD.	G01M 3/02
(00) Change of Legal Entity	(73) ASAH I PHARMA CO., LTD.	G01M 3/28
(71) Emerson Automation Solutions	(11) EP3153511	(00) Change of Legal Entity
Measurement Systems & Services LLC	(00) 13.01.2023	(71) Bioprex Medical B.V.
(73) Emerson Automation Solutions	(51) A61K 31/497	(73) Bioprex Medical B.V.
Measurement Systems & Services LLC	A61P 13/02	(11) EP3194508
(11) EP2044397	A61P 13/10	(00) 11.01.2023
(00) 11.01.2023	A61P 43/00	(51) C09D 5/00
(51) G01F 1/42	C07D 417/14	(00) Assignment
G01F 15/06	(00) Assignment	(71) A.J.M. Tilburg Holding B.V.
G01F 15/075	(71) Daniel Measurement and Control, LLC	(73) A.J.M. Tilburg Holding B.V.
(00) Change of owner(s) name	(73) Emerson Automation Solutions	(11) 2028595
(71) Daniel Measurement and Control, LLC	Measurement Systems & Services LLC	(00) 09.01.2023
(73) Emerson Automation Solutions	(11) EP2277019	(51) G01N 21/78
Measurement Systems & Services LLC	(00) 11.01.2023	G01N 33/14
(11) EP2044397	(51) G01F 25/00	G01N 21/29
(00) 11.01.2023	(00) Change of Legal Entity	G01N 31/22
(51) G01F 1/42	(71) Emerson Automation Solutions	G01K 11/12
G01F 15/06	Measurement Systems & Services LLC	(00) Assignment
G01F 15/075	(73) Emerson Automation Solutions	(71) AustinPx, LLC
(00) Change of Legal Entity	Measurement Systems & Services LLC	(73) AustinPx, LLC
(71) Daniel Measurement and Control, LLC	(11) EP2277019	(11) EP3131667
(73) Emerson Automation Solutions	(00) 11.01.2023	(00) 16.01.2023
Measurement Systems & Services LLC	(51) G01F 25/00	(51) B01F 7/00
(11) EP2342650	(00) Change of owner(s) name	B01F 3/00
(00) 11.01.2023	(71) Globus (Shetland) Ltd	B01F 7/02
(51) G05B 19/042	(73) Globus (Shetland) Ltd	B01F 7/04
G06F 13/38	(11) EP3289905	A61K 9/14

(00) Change of owner(s) name

(71) Turbo Systems Switzerland Ltd.
(73) Turbo Systems Switzerland Ltd.
(11) EP3682092
(00) 16.01.2023
(51) F01D 25/30
(00) Assignment

(71) KONGSBERG MARITIME AS
(73) KONGSBERG MARITIME AS
(11) EP3164741
(00) 11.01.2023
(51) G01V 1/38
B63B 21/66
(00) Assignment

(71) AQUADRAAT ENGINEERING BV
(73) AQUADRAAT ENGINEERING BV
(11) EP3143219
(00) 11.01.2023
(51) E04B 5/38
(00) Change of Legal Entity

(71) AQUADRAAT ENGINEERING BV
(73) AQUADRAAT ENGINEERING BV
(11) EP3642526
(00) 11.01.2023
(51) F16L 55/054
E03F 5/04
E03F 9/00
E03B 7/07
E03F 1/00
E04D 13/04
(00) Change of Legal Entity

(71) Immunis.AI, Inc.
(73) Immunis.AI, Inc.
(11) EP2965077
(00) 10.01.2023
(51) G01N 33/574
G01N 33/50
(00) Assignment

(71) Cognitive Research Enterprises, Inc.
(73) Cognitive Research Enterprises, Inc.
(11) EP3567025
(00) 12.01.2023
(51) C07C 69/635
A61P 7/00
A61K 31/202
A61K 31/23
A61K 31/336

(00) Change of owner(s) name

(71) Shangrao Jinko solar Technology
Development Co., LTD
(73) Shangrao Jinko solar Technology
Development Co., LTD
(11) EP2525415
(00) 13.01.2023
(51) H01L 31/05
H01L 31/048
H01L 31/0224
H01L 31/068
(00) Assignment

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.**

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

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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).