



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.

Abonnementsprijzen per (kalender)jaar:

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

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Introduction

Patent Bulletin

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

Official Journal

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

Subscription rates per calendar year:

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Visiting address: **Netherlands Patent Office**

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The Netherlands in which an amended translation was filed.

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

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Rubriek MED

Bevat gegevens betreffende overige mededelingen.

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216Heading VRV

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Rubriek TVH

Bevat gegevens betreffende topografieën van halfgeleiderproducten.

245Heading TVH

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

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Overzicht van Inid codes

INID CODES

Inid codes worden gebruikt op de voorpagina van octrooigeschriften en in octrooibulletins. Ze dienen om de verschillende bibliografische gegevens te kunnen begrijpen zonder kennis te hebben van de taal. INID is een acronym van Internationally agreed Numbers for Identification of Data. De definities van INID codes wordt gegeven in de WIPO standaard ST. 9.

INID CODES

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

(11) Octrooinummer	(11) Patent number
(13) Soort document volgens WIPO standaard 16	(13) Kind of document code according to WIPO standard ST.16
(15) Correctie informatie	(15) Patent correction information
(21) Octrooiaanvraagnummer	(21) Application number
(22) Datum van indiening	(22) Date(s) of filing application(s)
(23) Datum tentoonstelling	(23) Date of exhibition
(25) Taal van indiening	(25) Language in which the published application was originally filed
(26) Taal waarin de aanvraag is gepubliceerd	(26) Language in which the application is published
(30) Voorrangsgegevens	(30) Priority Data
(31) Nummer voorrang	(31) Number(s) assigned to priority application(s)
(32) Datum voorrang	(32) Date(s) of filling of priority application(s)
(33) Land van herkomst voorrang	(33) WIPO Standard ST.3 Code indentifying the national patent office allotting the priority application number or the organization allotting the regional priority application number: for international applications filed under the PCT, the code "WO" is used.
(34) Oorspronkelijk land van indiening	(34) For priority fillings under the regional or international arrangements, the WIPO Standard ST.3 Code indentifying at least one country party to the Paris Union for which the regional or international application was made.
(40) Datum van inschrijving	(40) Date(s) of making available to the public
(41) Datum van inschrijving van een octrooiaanvraag	(41) Date of making available to the public by viewing, or copying on request an unexamined patent document, on which no grant has taken place on or before the said date.
(42) Datum van inschrijving van een onderzochte aanvraag (openbaarmaking)	(42) Date of making available to the public by viewing, or copying on request an examined patent document, on which no grant has taken place on or before the said date.
(43) Datum waarop de aanvraag ter inzage is gelegd	(43) Date of publication by printing or similar process of anexamined document on which no grant has taken place on or before said date

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

Rubrieken/Headings

NP1

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Contains data concerning Netherlands patent applications which have been entered in the patent register under the Patents Act 1995.

(51) A01B 69/00	(33) China	(41) 11.03.2022
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(21) 2026042	A01G 9/033	G01N 33/08
(22) 10.07.2020	E01C 9/00	G01N 33/68
(54) A method for performing an agricultural operation on a predefined working area which is processed by means of an agriculture machine	E04D 11/00	G01N 1/10
(71) Ploeger Oxbo Europe B.V.	(21) 2026045	G01N 35/10
(74) ir. A. Blokland c.s.	(22) 10.07.2020	(21) 2026004
(72) Hendrik Willem Breure	(54) COVERING ELEMENT, METHOD OF CONSTRUCTING OF A COVERING ELEMENT FOR GROWING SELECTED PLANT SPECIES	(22) 05.07.2020
(41) 15.03.2022	(71) BeaR Holding BV	(54) Egg Determining Method and Device
(51) A01C 21/00	(74) drs. P.A. van Essen c.s.	(71) In Ovo Holding B.V.
C05G 3/00	(72) Robert Jan Huitzing	(74) dr. A. Krebs
(21) 2029556	(41) 15.03.2022	(72) Wil Marijn Stutterheim
(22) 29.10.2021	(51) A01G 24/10	Wouter Sebastiaan Bruins
(54) CALCIUM FERTILIZER APPLICATION METHOD FOR IMPROVING HARDNESS AND STORABILITY OF FRUITS OF WAXBERRIES	A01G 24/44	Sebastiaan Frans Teunissen
(71) Zhejiang Subtropical Crops Research Institute	(21) 2026050	(41) 11.03.2022
(74) dr. T. Wittop Koning PhD	(22) 13.07.2020	(51) A01K 74/00
(72) Xiangjun Huang	(54) GEPERSTE TEELTBLOKKEN OF TEELTPLUGGEN VOOR GEBRUIK ALS SUBSTRAAT VOOR HET KWEKEN VAN PLANTEN EN WERKWIJZE VOOR HET VERSCHAFFEN DAARVAN	G01N 1/12
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Yang Song	Van der Knaap Diensten B.V.	(22) 14.10.2021
Fayong Li	(74) dr. ir. G.J.C. Verdijck c.s.	(54) STRATIFIED SAMPLER FOR INTERTIDAL MACROBENTHOS
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Dongfeng Liu	(41) 15.03.2022	(72) Zongxing Wang
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(41) 11.03.2022	(21) 1043724	(41) 11.03.2022
(51) A01D 45/02	(22) 10.07.2020	(51) A01L 7/10
(21) 2028746	(54) Petpods, oordopjes voor dieren.	(21) 2025980
(22) 15.07.2021	(71) Beau Wilhelmina Helena Adrienne Richters	(22) 02.07.2020
(54) CORN PICKING DEVICE AND PICKING METHOD FOR FRESH CORN AND PEANUT INTERCROPPING	Ingrid Richters - Voorheijen	(54) HOEFNAGEL EN WERKWIJZE VOOR HET VERVAARDIGEN VAN DERGELIJKE HOEFNAGEL
(71) Shandong Academy of Agricultural Sciences Crop Research Institute	(72) Ingrid Richters - Voorheijen	(71) KERCKHAERT HOEFIJZERFABRIEK BV
(74) dr. T. Wittop Koning PhD	Beau Wilhelmina Helena Adrienne Richters	(74) ir. M.B. Plaggenborg
(72) Songming Lin	(41) 11.03.2022	(72) Michiel Petrus Maria Kerckhaert
Jie Xu	(51) A01K 29/00	(41) 11.03.2022
Xinnan He	A01K 11/00	(51) A21C 15/00
Xuefeng Zhao	A01K 19/00	A21C 15/02
Feng Guo	(21) 2025991	B05C 5/02
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Weiwei Meng	(71) Nedap N.V.	(54) Depositie-inrichting voor een viskeuze vloeistof voor de productie van koekjes.
Zhu Liu	(74) ir. H.A. Witmans c.s.	(71) B.V. Machinefabriek Houdijk
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Lingyan Liu	Rudie Jan Hendrik Lammers	(72) Bart Houdijk
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(31) 202010682223.6	Arnoldus Gerardus Franciscus Harbers	(51) A23B 4/20
(32) 15.07.2020		A23L 3/3508
		(21) 2026011
		(22) 07.07.2020
		(54) USE OF A PRESERVATIVE COMBINATION FOR REDUCING GROWTH OF GRAM NEGATIVE

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(74) ir. F.A. Geurts c.s.	(22) 03.07.2020	(71) Anhui University of Science and Technology
(72) Peter Harold Buckley	(54) Bone nail device	(74) drs. P.A. van Essen c.s.
Hendrik Jan van Lent	(71) OSSEOINTEGRATION INTERNATIONAL B.V.	(72) Lingyun Liu
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(41) 11.03.2022	(41) 11.03.2022	Shuiqing Wang
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(22) 06.07.2020	A61F 2/50	(32) 17.07.2020
(54) Inrichting voor het op afstand brengen en houden van gas/lucht- en/of dampmengsels bij het in- en uitademen door de mens, en een masker dat een dergelijke inrichting omvat.	A61F 2/60	(33) China
(71) ir Mahasti Tafahomi	(21) 2026000	(51) B01L 3/00
(72) ir Mahasti Tafahomi	(22) 03.07.2020	C12Q 1/6806
(41) 11.03.2022	(54) Adaptor for mounting a prosthesis	(21) 2026080
(51) A45C 11/00	(71) Xilloc Holding B.V.	(22) 17.07.2020
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A61L 2/00	(72) Harry Christiaan Antoon Jansen	(71) Illumina, Inc
A61L 2/18	Maikel Michaël Adrianus Beerens	(74) dr. ir. G.J.C. Verdijck c.s.
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B08B 1/02	(51) A61K 36/8969	Michelle Higgins
(21) 2026005	B01D 11/00	Anmiv Prabhu
(22) 06.07.2020	(21) 2030230	Sean M. Ramirez
(54) Inrichting voor het reinigen en / of desinfecteren van een smartphone	(22) 22.12.2021	(41) 11.03.2022
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(74) ir. B.J. 't Jong	(71) Zhejiang Academy of Agricultural Sciences	(32) 01.07.2020
(72) Franciscus Johannes Petrus Augustijn	(74) M. Schmid	(33) United States of America
(41) 11.03.2022	(72) Yan Cao	(51) B01L 3/00
(51) A47G 21/18	Qile Xia	G01N 29/036
(21) 1043720	Aniya	G01N 29/22
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(71) drs. Lodewijk Peter Ruijters	C07K 16/10	(54) Methods and systems for manipulating a particle
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(51) A47K 17/00	(22) 10.07.2020	(72) Douwe Kamsma
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E05B 1/00	(71) Leyden Laboratories B.V.	Amanda Caroline Franklin
(21) 2025979	(74) ir. H.A. Witmans c.s.	(41) 15.03.2022
(22) 02.07.2020	(72) Jaap Goudsmit	(51) B09B 3/00
(54) Handgreepmanchet	(41) 15.03.2022	B09B 5/00
(71) Den Adel Consultancy & Projectmanagement	(51) A63B 5/11	(21) 2030000
(74) dr. T. Wittop Koning PhD	(21) 2026031	(22) 02.12.2021
(72) Willem Hendrik den Adel	(22) 09.07.2020	(54) URANIUM TAILINGS POND BEACH FACE MICROWAVE SOLIDIFICATION METHOD
Cornelis Hendrik den Adel	(54) Inrichting voor het oprollen van een springkussen	(71) University of South China
(41) 11.03.2022	(71) Rialbo B.V.	(74) ir. M.B. Plaggenborg
(51) A61B 10/00	(74) ir. B.J. 't Jong	(72) Qiucan Zhang
(21) 2026016	(72) Rick Gerhardus Hendrikus Bodde	Xiangyang Li
(22) 08.07.2020	Alfons Johannes Bodde	Wei Wei
(54) A device for a sample collector, the device comprises a mouth piece having an exterior inlet opening configured for receiving mouth exhaled respiratory air and a sample collector	(41) 11.03.2022	Keyou Shi
(71) MedCo B.V.	(51) A63C 1/28	Guowen Peng
(74) ir. A. Blokland c.s.	(21) 2026028	Yong Liu
(72) Remmelt Hendrik Walter van Tol	(22) 09.07.2020	Yifan Chen
(41) 11.03.2022	(54) Schaatsframe	Xiuwu Yu
	(71) Catharinus Wybren Schuurmans	Changshou Hong
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B29C 64/255	(72) Yili Guan	(74) ir. M.B. Plaggenborg
B33Y 10/00	Mu Huang	(72) Tingyu Mao
B33Y 30/00	Huahua Lv	Wenjie Ren
(21) 2026034	Gang Yang	Yongming Luo
(22) 09.07.2020	Chuanshun Li	Ying Teng
(54) Apparatus and method for producing an object by means of additive manufacturing	Zhiwei Zhu	(51) B61L 23/06
(71) Additive Industries B.V.	Limin Hu	E01B 17/00
(74) ir. A. Blokland c.s.	Shijuan Yan	E01B 26/00
(72) Mark Herman Else Vaes	(41) 11.03.2022	(21) 2028802
Jacobus Petrus Wilhelmus van der Loo	(51) B65B 53/02	(22) 21.07.2021
(41) 15.03.2022	B65B 53/06	(54) SPOORBEVEILIGINGSINRICHTING EN BARRIÈREDWARSBALK VOOR EEN SPOORBEVEILIGINGSINRICHTING
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(21) 2026035	(33) Belgium	(54) Waterkeringelement alsmede werkwijze voor het vervaardigen ervan
(22) 09.07.2020	(51) B65D 65/46	(71) Delmeco Vastgoed BV
(54) Method and apparatus for manufacturing an object by means of additive manufacturing	(21) 2025999	(74) ir. G.J.M. Verhees
(71) Additive Industries B.V.	(22) 03.07.2020	(72) Jacobus Adriaan Zwemer
(74) ir. A. Blokland c.s.	(54) Decomposable beverage container	(41) 11.03.2022
(72) Mark Herman Else Vaes	(71) Sjoerd Jan Bos	(51) E02F 3/96
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(41) 15.03.2022	(72) Sjoerd Jan Bos	E02F 9/22
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(21) 2025995	(22) 09.07.2020	(54) RESCUE CUTTING-SPREADING PLIER AND CONTROL SYSTEM THEREOF
(22) 03.07.2020	(54) System for sorting products.	(71) Yantai Aidi Precision Machinery Co., Ltd.
(54) Accumulated product flow- or product flow intensity indicator	(71) Vanderlande Industries B.V.	(74) ir. F.A. Geurts c.s.
(71) CPM Europe B.V.	(74) ir. A. Blokland c.s.	(72) Zheng Li
(74) mr. ir. J. van Breda c.s.	(72) Koen Maarten Geert Grobben	Lingmin An
(72) Jan-Willem Lindenberg	Petrus Theodorus Cornelis Vervoort	Hailiang Qui
(41) 11.03.2022	(41) 15.03.2022	(41) 11.03.2022
(51) B62H 5/20	(51) C12M 1/32	(31) CN202011041411.7
B62J 45/20	C12M 3/06	(32) 28.09.2020
G01C 22/00	B01L 3/00	(33) China
G07B 15/02	C12M 1/42	(51) E03F 5/02
(21) 2026892	(21) 2026038	(21) 2026036
(22) 13.11.2020	(22) 09.07.2020	(22) 09.07.2020
(54) Modular system for monitoring a velocipede	(54) MICROFLUIDIC CELL CULTURE DEVICE	(54) An inspection chamber base or manhole base, an inspection chamber or manhole, a plug for an inspection chamber base or a manhole base
(71) FB Innovation srls	(71) Mimetas B.V.	(71) Wavin B.V.
(74) ir. J.C. Volmer c.s.	(74) ir. C.G.C. Veldman-Dijkers	(74) dr. ir. F.M. van Bouwelen
(72) Angelo Domenico Capogna	(72) Bart Kramer	(72) Silas Rudolf Boxum
(41) 11.03.2022	Arnaud Yannick Michel Nicolas	(41) 15.03.2022
(31) 102020000016711	Leonarda Jacoba van den Broek	(51) E04B 1/74
(32) 09.07.2020	Sebastiaan Johannes Trietsch	E04B 1/80
(33) Italy	(41) 15.03.2022	
(51) B63C 11/52	(51) C12N 11/10	
G01N 1/04	C12N 11/14	
G01N 1/10	C12N 1/20	
(21) 2029484	B09C 1/10	

E04B 1/90	(74) dr. ir. G.J.C. Verdijck c.s.	(22) 02.12.2021
(21) 1043717	(72) Elizabeth Fernandes	(54) METHOD FOR DISTINGUISHING
(22) 06.07.2020	(41) 15.03.2022	LUNAR PYROCLASTIC GLASS FROM
(54) Productie van gevacumeerde	(31) 2026039	IMPACT GLASS BY MICROSCOPIC
isolatie bolletjes ten behoeve van	(32) 09.07.2020	INFRARED SPECTRA
isolatietoepassingen in de bouw,	(33) Netherlands	(71) INSTITUTE OF GEOCHEMISTRY,
industrie en producten.	(51) F28D 20/00	CHINESE ACADEMY OF SCIENCES
(71) ir Renze Anne Schram	(21) 2026046	(74) ir. M.B. Plaggenborg
(72) ir Renze Anne Schram	(22) 10.07.2020	(72) Wen Yu
(41) 11.03.2022	(54) INRICHTING VOOR HET OPSLAAN	Xiongyao Li
(51) E04D 3/40	VAN ELEKTRISCHE ENERGIE,	Xiaojia Zeng
E04D 13/14	SYSTEEM EN WERKWIJZE	Hong Tang
(21) 2026044	DAARVOOR	(51) G01N 33/53
(22) 10.07.2020	(71) Heatwacht Holding B.V.	G01N 33/66
(54) Klang en systeem voor het afwerken van	(74) dr. ir. G.J.C. Verdijck c.s.	G01N 33/68
een deel van een dak	(72) Hans Wolters	(21) 2026049
(71) Zinkunie B.V.	(41) 15.03.2022	(22) 13.07.2020
(74) ir. H.Th. van den Heuvel c.s.	(51) G01B 5/30	(54) Quantitative detection of reducing sugars
(72) Ronald Verhoeven	E21F 17/18	(71) Ducares B.V.
Guido Lodewijk van Erp	(21) 2028119	(74) ir. H.A. Witmans c.s.
(41) 11.03.2022	(22) 30.04.2021	(72) Anne Kleinnijenhuis
(51) E04D 15/00	(54) MULTI-POINT CONTINUOUS	(41) 15.03.2022
H02S 20/22	MEASUREMENT DEVICE FOR A DEEP	(51) G01R 33/561
(21) 2026001	DISPLACEMENT OF A COAL SEAM	(21) 2026047
(22) 03.07.2020	ROOF	(22) 10.07.2020
(54) A method of aligning solar panels and a	(71) ANHUI UNIVERSITY OF SCIENCE AND	(54) Method for generating a magnetic
device for aligning solar panels	TECHNOLOGY	resonance contrast image
(71) TINTEQ HOLDING B.V.	(74) drs. C.M.A. Quintelier	(71) MRGuidance B.V.
(74) ir. W.J.J.M. Kempes	(72) Wenhua Yuan	(74) ir. J.C. Volmer c.s.
(72) Jasper Beekmann	Run Liu	(72) Peter Roland Seevinck
(41) 11.03.2022	Changyi Chen	Frank Zijlstra
(51) E04H 15/32	Ke Hong	(41) 15.03.2022
(21) 2028759	(41) 11.03.2022	(51) G01V 1/30
(22) 16.07.2021	(31) 202110405744.1	(21) 2027632
(54) ROOF TENT CLOSURE MECHANISM	(32) 15.04.2021	(22) 23.02.2021
(71) CAPAVENTURE - EQUIPAMENTOS	(33) China	(54) NEW METHOD FOR PREDICTING
PARA LAZER E TEMPOS LIVRES, LDA.	(51) G01N 1/10	HYDROCARBON RESERVOIRS BASED
(74) ir. H.A. Witmans c.s.	G01N 33/00	ON LOW-FREQUENCY SHADOW
(72) Tony René Partenio	(21) 2027466	(71) China University of Geosciences
Mario José Oliveira Martins	(22) 30.01.2021	(74) dr. T. Wittop Koning PhD
(31) 11978	(54) EXPERIMENTAL APPARATUS FOR	(72) Fengcun Xing
(32) 17.07.2020	STUDYING DECOMPOSITION	Yongchao Lu
(33) Portugal	PROCESS OF MACROALGAE IN	Xiangquan Li
(51) F16L 27/04	NATURAL SEAS	Songlin Wu
E03F 5/02	(71) SHANGHAI OCEAN UNIVERSITY	Benben Ma
(21) 2026033	(74) ir. H.Th. van den Heuvel c.s.	(41) 11.03.2022
(22) 09.07.2020	(72) Chen Xiang	(51) G02B 6/028
(54) Pivot joints, kits of parts for assembling	Ling Chen	G02B 6/036
pivot joints, manhole bases, manholes,	Shouyu Zhang	(21) 2026285
water transport systems, and methods of	Xijie Zhou	(22) 18.08.2020
assembling water transport systems	Xunmeng Li	(54) OPTICAL FIBER WITH INVERSE
(71) Wavin B.V.	Kai Wang	TRIANGULAR TRENCH DESIGN
(74) dr. ir. F.M. van Bouwelen	(41) 15.03.2022	(71) Corning Incorporated
(72) Markus Wilhelmus Johannes Besten	(51) G01N 1/28	(74) dr. ir. G.J.C. Verdijck c.s.
Silas Rudolf Boxum	G01N 1/32	(72) Pushkar Tandon
(41) 11.03.2022	(21) 2026054	Ming-Jun Li
(51) F21V 23/00	(22) 13.07.2020	(41) 11.03.2022
F21V 23/06	(54) Method and apparatus for	(31) US63/048,833
F21V 31/00	micromachining a sample using a	(32) 07.07.2020
F21W 131/10	Focused Ion Beam	(33) United States of America
F21Y 115/10	(71) DELMIC IP B.V.	(51) G06F 3/12
(21) 2026193	(74) ir. F.A. Geurts c.s.	(21) 2025994
(22) 31.07.2020	(72) Sander Vincent den Hoedt	(22) 03.07.2020
(54) MODULAR LUMINAIRE HEAD AND	Andries Pieter Johan Effting	(54) Document processing system and a
GEAR MODULE FOR A LUMINAIRE	(41) 15.03.2022	method for a printing environment
HEAD	(51) G01N 21/25	(71) CANON PRODUCTION PRINTING
(71) SCHREDER S.A	(21) 2030001	HOLDING B.V.

(74) ir. M.J. Groen	Hui Cao
(72) Leonardus H.D. Geraats	(41) 11.03.2022
Luc P.J. de Smet	(51) H02J 1/00
Marvin P. Br��nner	H05B 45/3725
(41) 11.03.2022	(21) 2026052
(51) G06F 21/33	(22) 13.07.2020
H04L 29/06	(54) Auxiliary battery circuit for an LED driver
(21) 2028778	(71) eldoLAB Holding B.V.
(22) 19.07.2021	(74) ir. J.C. Volmer c.s.
(54) Blockchain electronic contract management system	(72) Marc Saes
(71) Jiangsu Aowei Holdings Co., Ltd.	Franciscus Bernardus Marie van Horck
(74) ir. H.A. Witmans c.s.	(41) 15.03.2022
(72) Jie Bai	(51) H02M 1/12
(31) 202010938102.3	H02M 1/42
202010698922.X	H02M 1/00
(32) 09.09.2020	H02M 3/158
20.07.2020	H02M 7/219
(33) China	H02M 7/5387
China	H02M 7/797
(51) G06F 21/62	(21) 2026008
H04L 29/06	(22) 06.07.2020
(21) 2028773	(54) Electrical power converter
(22) 19.07.2021	(71) ETH Zurich
(54) ACCOUNT MANAGEMENT METHOD OF DECENTRALIZED ELECTRONIC CONTRACT DEPOSIT PLATFORM	Prodrive Technologies B.V.
(71) Jiangsu Aowei Holdings Co., Ltd.	(74) M. Gilio
(74) ir. A. Blokland c.s.	(72) Daifei Zhang
(72) Jie Bai	Jordi Everts
(31) 202010699197.8	Mattia Guacci
202010938092.3	Johann Walter Kolar
(32) 20.07.2020	(41) 11.03.2022
09.09.2020	(51) H03F 3/217
(33) China	H03F 3/30
China	H03F 1/56
(51) G06Q 10/06	H03F 3/195
(21) 2030149	H03F 3/213
(22) 16.12.2021	H03F 3/60
(54) A method and system for closed-loop automatic control for whole-process intelligent monitoring of fire activity operations	(21) 2026017
(71) Nanjing Institute of Technology	(22) 08.07.2020
Jiangsu D.C.S Automation Engineering Co., Ltd,	(54) Push-pull class E amplifier
(74) M. Schmid	(71) Ampleon Netherlands B.V.
(72) Jun Yang	(74) dr. ir. G.J.C. Verdijck c.s.
Hao Gao	(72) Yevhen Tymofieiev
Deyang Liu	(41) 11.03.2022
Xun Gao	(51) H04B 10/70
Guohai Feng	H04L 9/08
(31) 202111080568.5	(21) 2026015
(32) 15.09.2021	(22) 08.07.2020
(33) China	(54) QUANTUM NETWORK
(51) G09B 23/28	(71) Technische Universiteit Delft
(21) 2028599	(74) ir. H.A. Witmans c.s.
(22) 01.07.2021	(72) Wojciech Kozłowski
(54) DEVICE FOR SIMULATION OPERATION OF SINGLE-PORT THORACOSCOPE	Stephanie Dorothea Christine Wehner
(71) Nanjing Brain Hospital	(41) 11.03.2022
(74) drs. C.M.A. Quintelier	
(72) Rusong Yang	
Xiang Guan	
Ye Shi	
Zhengcheng Liu	
Xuan Shi	

NP2

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Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.

(51) A01B 69/00 A01D 84/00 (11) 2026042 (47) 15.03.2022 (22) 10.07.2020 (54) A method for performing an agricultural operation on a predefined working area which is processed by means of an agriculture machine (73) Ploeger Oxbo Europe B.V. (72) Hendrik Willem Breure (74) ir. A. Blokland c.s.	(72) Johannes Petrus Wilhelmus Maria Grootsholten Robertus Johannes Hendrikus van der Knaap (74) dr. ir. G.J.C. Verdijck c.s.	Beau Wilhelmina Helena Adriënne Richters
(51) A01C 21/00 C05G 3/00 (11) 2029556 (47) 11.03.2022 (22) 29.10.2021 (54) CALCIUM FERTILIZER APPLICATION METHOD FOR IMPROVING HARDNESS AND STORABILITY OF FRUITS OF WAXBERRIES (73) Zhejiang Subtropical Crops Research Institute (72) Xiangjun Huang Xiuzhu Guo Yang Song Fayong Li Quan Zhao Dan Hu Dongfeng Liu Jianke Wu Juncai Liu (74) dr. T. Wittop Koning PhD	(51) A01G 24/23 A01G 24/20 A01G 24/28 (11) 2028355 (47) 15.03.2022 (22) 01.06.2021 (54) CONTAINER SEEDLING SUBSTRATE FOR LITHOCARPUS POLYSTACHYUS AND SEEDLING RAISING METHOD (73) Experimental center of subtropical Forestry, Chinese Academy of Forestry (72) Ping He Yueqiao Li Longhua Yu Huacong Zhang (74) ir. J.C. Volmer c.s. (31) 202010514346.9 (32) 08.06.2020 (33) China (51) A01H 1/08 A01H 4/00 (11) 2029474 (47) 15.03.2022 (22) 20.10.2021 (54) METHOD FOR IMPROVING VIRUS ELIMINATION EFFICIENCY AND SURVIVAL RATE OF HARDENING-SEEDLING BASED ON CUCUMBER ANTHER CULTURE	(51) A01K 29/00 A01K 11/00 A01K 19/00 (11) 2025991 (47) 11.03.2022 (22) 03.07.2020 (54) Werkwijze en systeem ter bepaling van faseovergang bij jong dier. (73) Nedap N.V. (72) Jort Johannes Wilhelmus Schutte Rudie Jan Hendrik Lammers Roxie Sabri Romero Muller Arnoldus Gerardus Franciscus Harbers (74) ir. H.A. Witmans c.s.
(51) A01G 9/02 A01G 9/033 E01C 9/00 E04D 11/00 (11) 2026045 (47) 15.03.2022 (22) 10.07.2020 (54) COVERING ELEMENT, METHOD OF CONSTRUCTING OF A COVERING ELEMENT FOR GROWING SELECTED PLANT SPECIES (73) BeaR Holding BV (72) Robert Jan Huitzing (74) drs. P.A. van Essen c.s.	(73) SHANDONG SHOUGUANG VEGETABLE INDUSTRY GROUP CO., LTD SHANDONG SHOUGUANG VEGETABLE SEED INDUSTRY GROUP CO., LTD (72) Lin Cheng Xingfang Gu Zhijun Qiu Yunge Feng Zilong Pan Yong Xu Jiajin Guo Yufen Wu (74) ir. W.J.J.M. Kempes	(51) A01K 39/01 A01K 39/00 (11) 2028322 (47) 15.03.2022 (22) 28.05.2021 (54) CONNECTION SYSTEM (73) Brome Bird Care Inc. (72) Denis Malaket Paul Cote (74) ir. A.R. Aalbers (31) 63/031,983 (32) 29.05.2020 (33) United States of America
(51) A01G 24/10 A01G 24/44 (11) 2026050 (47) 15.03.2022 (22) 13.07.2020 (54) GEPEERSTE TEELTBLOKKEN OF TEELTPLUGGEN VOOR GEBRUIK ALS SUBSTRAAT VOOR HET KWEKEN VAN PLANTEN EN WERKWIJZE VOOR HET VERSCHAFFEN DAARVAN (73) Damgro B.V. Van der Knaap Diensten B.V.	(51) A01K 13/00 H04R 1/10 (11) 1043724 (47) 11.03.2022 (22) 10.07.2020 (54) Petpods, oordopjes voor dieren. (73) Beau Wilhelmina Helena Adriënne Richters Ingrid Richters - Voorheijen (72) Ingrid Richters - Voorheijen	(51) A01K 43/00 G01N 33/08 G01N 33/68 G01N 1/10 G01N 35/10 (11) 2026004 (47) 11.03.2022 (22) 05.07.2020 (54) Egg Determining Method and Device (73) In Ovo Holding B.V. (72) Wil Marijn Stutterheim Wouter Sebastiaan Bruins Sebastiaan Frans Teunissen (74) dr. A. Krebs (51) A01K 74/00 G01N 1/12 (11) 2029402 (47) 11.03.2022 (22) 14.10.2021 (54) STRATIFIED SAMPLER FOR INTERTIDAL MACROBENTHOS (73) First Institute of Oceanography, Ministry of Natural Resources (72) Zongxing Wang Bo Wang Min Pang (74) dr. T. Wittop Koning PhD (51) A01L 7/10 (11) 2025980 (47) 11.03.2022 (22) 02.07.2020

(54) HOEFNAGEL EN WERKWIJZE VOOR HET VERVAARDIGEN VAN DERGELIJKE HOEFNAGEL	(72) drs. Lodewijk Peter Ruijters	(22) 06.04.2021
(73) KERCKHAERT HOEFIJZERFABRIEK BV	(51) A47K 17/00 B62B 5/06 E05B 1/00	(54) ANTIMICROBIAL PEPTIDE FOR PREVENTION AND TREATMENT OF VIRUSINFECTIONS
(72) Michiel Petrus Maria Kerckhaert	(11) 2025979	(73) CBMR Scientific Nanoscience B.V.
(74) ir. M.B. Plaggenborg	(47) 11.03.2022	(72) Cornelis Peter Johannes Maria Brouwer
(51) A21C 15/00	(22) 02.07.2020	Paul Broertjes
A21C 15/02	(54) Handgreepmanchet	(74) ir. G.J.M. Verhees
B05C 5/02	(73) Den Adel Consultancy & Projectmanagement	(31) 2025294
(11) 2026053	(72) Willem Hendrik den Adel	(32) 07.04.2020
(47) 15.03.2022	Cornelis Hendrik den Adel	(33) Netherlands
(22) 13.07.2020	(74) dr. T. Wittop Koning PhD	(51) A61K 39/215
(54) Depositie-inrichting voor een viskeuze vloeistof voor de productie van koekjes.	(51) A61B 8/00	A61P 31/14
(73) B.V. Machinefabriek Houdijk	A61B 8/08	C07K 16/10
(72) Bart Houdijk	(11) 2027296	G01N 33/569
(74) ir. A. Blokland c.s.	(47) 15.03.2022	(11) 2026043
(51) A23B 4/20	(22) 08.01.2021	(47) 15.03.2022
A23L 3/3508	(54) A Bluetooth Ultrasonic Device	(22) 10.07.2020
(11) 2026011	(73) The Affiliated Hospital of Qingdao University	(54) Methods for identifying coronavirus cross-reacting antibodies
(47) 11.03.2022	(72) Jianhong Wang	(73) Leyden Laboratories B.V.
(22) 07.07.2020	Kun Gong	(72) Jaap Goudsmit
(54) USE OF A PRESERVATIVE COMBINATION FOR REDUCING GROWTH OF GRAM NEGATIVE BACTERIA IN OR ON A MEAT PRODUCT	Xiangqin He	(74) ir. H.A. Witmans c.s.
(73) Niacet B.V.	Zhibin Wang	(51) A63B 5/11
(72) Peter Harold Buckley	Xiuxiu Fu	(11) 2026031
Hendrik Jan van Lent	(74) A. Rivière	(47) 11.03.2022
Peter Paul Jacobus Johannes Lamers	(31) 202010247933.6	(22) 09.07.2020
Eelco Anthonius Johannes Heintz	(32) 01.04.2020	(54) Inrichting voor het oprollen van een springkussen
(74) ir. F.A. Geurts c.s.	(33) China	(73) Rialbo B.V.
(51) A41D 13/11	(51) A61B 10/00	(72) Rick Gerhardus Hendrikus Bodde
(11) 1043719	(11) 2026016	Alfons Johannes Bodde
(47) 11.03.2022	(47) 11.03.2022	(74) ir. B.J. 't Jong
(22) 06.07.2020	(22) 08.07.2020	(51) A63C 1/28
(54) Inrichting voor het op afstand brengen en houden van gas/lucht- en/of dampmengsels bij het in- en uitademen door de mens, en een masker dat een dergelijke inrichting omvat.	(54) A device for a sample collector, the device comprises a mouth piece having an exterior inlet opening configured for receiving mouth exhaled respiratory air and a sample collector	(11) 2026028
(73) ir Mahasti Tafahomi	(73) MedCo B.V.	(47) 11.03.2022
(72) ir Mahasti Tafahomi	(72) Remmelt Hendrik Walter van Tol	(22) 09.07.2020
(51) A45C 11/00	(74) ir. A. Blokland c.s.	(54) Schaatsframe
A47L 25/00	(51) A61B 17/72	(73) Catharinus Wybren Schuurmans
A61L 2/00	(11) 2025981	(72) Catharinus Wybren Schuurmans
A61L 2/18	(47) 11.03.2022	(74) ir. B.J. 't Jong
B08B 1/00	(22) 03.07.2020	(51) B01L 3/00
B08B 1/02	(54) Bone nail device	C12Q 1/6806
(11) 2026005	(73) OSSEOINTEGRATION INTERNATIONAL B.V.	(11) 2026080
(47) 11.03.2022	(72) Franciscus Theodorus Peter Verhaegh	(47) 11.03.2022
(22) 06.07.2020	(74) ir. M.F.J.M. Ketelaars c.s.	(22) 17.07.2020
(54) Inrichting voor het reinigen en / of desinfecteren van een smartphone	(51) A61F 2/76	(54) NUCLEIC ACID CAPTURE, CONCENTRATION, AND PURIFICATION
(73) F. Augustijn Beheer B.V.	A61F 2/78	(73) Illumina, Inc
(72) Franciscus Johannes Petrus Augustijn	A61F 2/50	(72) Rigoberto Pantoja
(74) ir. B.J. 't Jong	A61F 2/60	Michelle Higgins
(51) A47G 21/18	(11) 2026000	Anmiv Prabhu
(11) 1043720	(47) 11.03.2022	Sean M. Ramirez
(47) 11.03.2022	(22) 03.07.2020	(74) dr. ir. G.J.C. Verdijk c.s.
(22) 07.07.2020	(54) Adaptor for mounting a prosthesis	(31) US63/047103
(54) INRICHTING TEN BEHOEVE VAN HET MET DE MOND OPZUIGEN VAN EEN VLOEISTOF	(73) Xilloc Holding B.V.	(32) 01.07.2020
(73) drs. Lodewijk Peter Ruijters	(72) Harry Christiaan Antoon Jansen	(33) United States of America
	Maikel Michaël Adrianus Beerens	(51) B01L 3/00
	(74) dr. ir. G.J.C. Verdijk c.s.	G01N 29/036
	(51) A61K 38/40	G01N 29/22
	C07K 14/79	(11) 2026048
	(11) 2027924	(47) 15.03.2022
	(47) 11.03.2022	(22) 10.07.2020
		(54) Methods and systems for manipulating a particle
		(73) LUMICKS CA Holding B.V.

(72) Douwe Kamsma Felix Oswald Amanda Caroline Franklin	(31) 16/844,755 (32) 09.04.2020 (33) United States of America	(51) B65D 65/46 (11) 2025999 (47) 11.03.2022
(74) ir. A.R. Aalbers	(51) B62H 5/20	(22) 03.07.2020
(51) B22F 3/105 B29C 64/153 B29C 64/20 B29C 64/205 B29C 64/214 B29C 64/218 B29C 64/227 B29C 64/236 B29C 64/255 B33Y 10/00 B33Y 30/00	(51) B62J 45/20 G01C 22/00 G07B 15/02 (11) 2026892 (47) 11.03.2022 (22) 13.11.2020 (54) Modular system for monitoring a velocipede (73) FB Innovation srls (72) Angelo Domenico Capogna (74) ir. J.C. Volmer c.s. (31) 102020000016711 (32) 09.07.2020 (33) Italy	(54) Decomposable beverage container (73) Sjoerd Jan Bos (72) Sjoerd Jan Bos (74) ir. H.A. Witmans c.s.
(11) 2026034 (47) 15.03.2022 (22) 09.07.2020	(51) B65G 47/84 (11) 2026037 (47) 15.03.2022 (22) 09.07.2020 (54) System for sorting products. (73) Vanderlande Industries B.V. (72) Koen Maarten Geert Grobben Petrus Theodorus Cornelis Vervoort (74) ir. A. Blokland c.s.	(51) C12M 1/32 C12M 3/06 B01L 3/00 C12M 1/42 (11) 2026038 (47) 15.03.2022 (22) 09.07.2020
(54) Apparatus and method for producing an object by means of additive manufacturing (73) Additive Industries B.V. (72) Mark Herman Else Vaes Jacobus Petrus Wilhelmus van der Loo (74) ir. A. Blokland c.s.	(51) B62J 45/00 B62K 3/04 B62K 19/06 B62K 19/40 B62K 21/12 B62M 6/45 (11) 2025378 (47) 11.03.2022 (22) 20.04.2020 (54) Rijwielantennesamenstel (73) VANMOOF B.V. Ties Jonan Midas Carlier (72) Ties Jonan Midas Carlier (74) ir. F.E. Hoebe	(54) MICROFLUIDIC CELL CULTURE DEVICE (73) Mimetas B.V. (72) Bart Kramer Arnaud Yannick Michel Nicolas Leonarda Jacoba van den Broek Sebastiaan Johannes Trietsch (74) ir. C.G.C. Veldman-Dijkers
(51) B22F 3/105 B29C 64/153 B29C 64/214 B29C 64/218 B29C 64/295 B29C 64/35 B29C 64/357 B29C 64/371 B29C 64/393 B33Y 50/02	(51) B63C 11/52 G01N 1/04 G01N 1/10 (11) 2029484 (47) 11.03.2022 (22) 21.10.2021 (54) Integrated in-situ deep-sea detection and sampling platform (73) Pilot National Laboratory for Marine Science and Technology (Qingdao) First Institute of Oceanography, Ministry of Natural Resources (72) Yili Guan Mu Huang Huahua Lv Gang Yang Chuanshun Li Zhiwei Zhu Limin Hu Shijuan Yan (74) dr. T. Wittop Koning PhD	(51) C12P 33/20 (11) 2029409 (47) 11.03.2022 (22) 14.10.2021 (54) METHOD FOR PREPARING GINSENOSIDE RD VIA ENZYMATIC CONVERSION (73) SHANDONG FREDIA BIOLOGICAL CO., LTD. QILU UNIVERSITY OF TECHNOLOGY (72) Yingqin Wei Haiyan Fang Suzhen Yang Tingting Han Xinjie Sun Xiaona Wang (74) ir. W.J.J.M. Kempes
(11) 2026035 (47) 15.03.2022 (22) 09.07.2020	(51) B33Y 80/00 G01N 3/56 B30B 11/22 (11) 2025995 (47) 11.03.2022 (22) 03.07.2020	(51) E02B 3/14 (11) 2026009 (47) 11.03.2022 (22) 06.07.2020
(54) Method and apparatus for manufacturing an object by means of additive manufacturing (73) Additive Industries B.V. (72) Mark Herman Else Vaes Adrie Boverhof (74) ir. A. Blokland c.s.	(51) B65B 53/02 B65B 53/06 (11) 2028590 (47) 15.03.2022 (22) 30.06.2021 (54) KRIMPLIJN EN WERKWIJZE VOOR HET KRIMPEN VAN FOLIE (73) MIVAS vereniging zonder winstoogmerk (72) Dirk Frans Vera van den Broeck Johan Bernard Maria Kreydt (74) ir. M.B. Plaggenborg (31) 2020/5512 (32) 09.07.2020 (33) Belgium	(54) WATERKERINGELEMENT ALSMEDE WERKWIJZE VOOR HET VERVAARDIGEN ERVAN (73) Delmeco Vastgoed BV (72) Jacobus Adriaan Zwemer (74) ir. G.J.M. Verhees
(51) B41J 15/04 B65H 16/06 (11) 2027890 (47) 15.03.2022 (22) 31.03.2021 (54) MEDIA CARTRIDGE (73) Zebra Technologies Corporation (72) Edward Anthony Hackett Angel B. Rosales Daniel V. Carroll Steve Ting Kei Chow (74) ir. C.G.C. Veldman-Dijkers	(51) E02F 3/96 E04G 23/08 E02F 9/22 A62B 3/00 (11) 2027986 (47) 11.03.2022 (22) 16.04.2021 (54) RESCUE CUTTING-SPREADING PLIER AND CONTROL SYSTEM THEREOF	

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Hailiang Qui	United States of America	STUDYING DECOMPOSITION
(74) ir. F.A. Geurts c.s.	(51) F16L 27/04	PROCESS OF MACROALGAE IN
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(32) 28.09.2020	(11) 2026033	(73) SHANGHAI OCEAN UNIVERSITY
(33) China	(47) 11.03.2022	(72) Chen Xiang
(51) E03F 5/02	(22) 09.07.2020	Ling Chen
(11) 2026036	(54) Pivot joints, kits of parts for assembling	Shouyu Zhang
(47) 15.03.2022	pivot joints, manhole bases, manholes,	Xijie Zhou
(22) 09.07.2020	water transport systems, and methods of	Xunmeng Li
(54) An inspection chamber base or manhole	assembling water transport systems	Kai Wang
base, an inspection chamber or manhole,	(73) Wavin B.V.	(74) ir. H.Th. van den Heuvel c.s.
a plug for an inspection chamber base or	(72) Markus Wilhelmus Johannes Besten	(51) G01N 1/28
a manhole base	Silas Rudolf Boxum	G01N 1/32
(73) Wavin B.V.	(74) dr. ir. F.M. van Bouwelen	(11) 2026054
(72) Silas Rudolf Boxum	(51) F21V 23/00	(47) 15.03.2022
(74) dr. ir. F.M. van Bouwelen	F21V 23/06	(22) 13.07.2020
(51) E04B 1/74	F21V 31/00	(54) Method and apparatus for
E04B 1/80	F21W 131/10	micromachining a sample using a
E04B 1/90	F21Y 115/10	Focused Ion Beam
(11) 1043717	(11) 2026193	(73) DELMIC IP B.V.
(47) 11.03.2022	(47) 15.03.2022	(72) Sander Vincent den Hoedt
(22) 06.07.2020	(22) 31.07.2020	Andries Pieter Johan Effting
(54) Productie van gevacumeerde	(54) MODULAR LUMINAIRE HEAD AND	(74) ir. F.A. Geurts c.s.
isolatie bolletjes ten behoeve van	GEAR MODULE FOR A LUMINAIRE	(51) G01N 33/53
isolatietoepassingen in de bouw,	HEAD	G01N 33/66
industrie en producten.	(73) SCHREDER S.A	G01N 33/68
(73) ir Renze Anne Schram	(72) Elizabeth Fernandes	(11) 2026049
(72) ir Renze Anne Schram	(74) dr. ir. G.J.C. Verdijck c.s.	(47) 15.03.2022
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(11) 2026044	(33) Netherlands	(73) Ducares B.V.
(47) 11.03.2022	(51) F28D 20/00	(72) Anne Kleinnijenhuis
(22) 10.07.2020	(11) 2026046	(74) ir. H.A. Witmans c.s.
(54) Klang en systeem voor het afwerken van	(47) 15.03.2022	(51) G01R 33/561
een deel van een dak	(22) 10.07.2020	(11) 2026047
(73) Zinkunie B.V.	(54) INRICHTING VOOR HET OPSLAAN	(47) 15.03.2022
(72) Ronald Verhoeven	VAN ELEKTRISCHE ENERGIE,	(22) 10.07.2020
Guido Lodewijk van Erp	SYSTEEM EN WERKWIJZE	(54) Method for generating a magnetic
(74) ir. H.Th. van den Heuvel c.s.	DAARVOOR	resonance contrast image
(51) E04D 15/00	(73) Heatwacht Holding B.V.	(73) MRiguidance B.V.
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(11) 2026001	(74) dr. ir. G.J.C. Verdijck c.s.	Frank Zijlstra
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device for aligning solar panels	(47) 11.03.2022	G01S 7/523
(73) TINTEQ HOLDING B.V.	(22) 30.04.2021	G01S 15/96
(72) Jasper Beekmann	(54) MULTI-POINT CONTINUOUS	(11) 2026203
(74) ir. W.J.J.M. Kempes	MEASUREMENT DEVICE FOR A DEEP	(47) 15.03.2022
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(22) 29.09.2020	(72) Wenhua Yuan	TRANSDUCER ARRAY ELEMENTS
(54) Running lines through expandable metal	Run Liu	(73) Fishery Machinery and Instrument
sealing elements	Changyi Chen	Research Institute, Chinese Academy of
(73) Halliburton Energy Services, Inc.	Ke Hong	Fishery Sciences
(72) Michael Linley Frupp	(74) drs. C.M.A. Quintelier	(72) Jun Chen
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Stephan Michael Greci	(32) 15.04.2021	Ke Wei
Gregory Scott Cunningham	(33) China	(74) ir. F.A. Geurts c.s.
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(54) NEW METHOD FOR PREDICTING	Marvin P. Br��nner	(11) 2026008
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(72) Fengcun Xing	(11) 2027491	(73) ETH Zurich
Yongchao Lu	(47) 11.03.2022	Prodrive Technologies B.V.
Xiangquan Li	(22) 03.02.2021	(72) Daifei Zhang
Songlin Wu	(54) METHOD FOR RAPIDLY IDENTIFYING	Jordi Everts
Benben Ma	IDENTITIES OF PUMPKIN SEEDS	Mattia Guacci
(74) dr. T. Wittop Koning PhD	(73) ZHEJIANG UNIVERSITY	Johann Walter Kolar
(51) G02B 6/028	(72) Yidan Bao	(74) M. Gilio
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(31) US63/048,833	(22) 01.07.2021	(73) Ampleon Netherlands B.V.
(32) 07.07.2020	(54) DEVICE FOR SIMULATION	(72) Yevhen Tymofiev
(33) United States of America	OPERATION OF SINGLE-PORT	(74) dr. ir. G.J.C. Verdijk c.s.
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REGULATION AND CONTROL,	(74) drs. C.M.A. Quintelier	Stephanie Dorothea Christine Wehner
MANUFACTURING METHOD THEREOF	(51) H01L 21/67	(74) ir. H.A. Witmans c.s.
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NP3

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Contains data concerning Netherlands patents which have been entered in the patent
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EP1

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

EP2

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BLACKWELL, Timothy	MODIFY SEBUM	SHAH, Anil
ROCHE, Martin	(73) The Procter & Gamble Company	HALPERN CHIRCH, Susan
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BATHING MODE AND IDLE MODE OF A	(21) EP18727607.6	COMPRISING A COMPOUND OF
FAN STOVE	(47) 16.03.2022	AZOMETHINE TYPE COMPRISING
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(33) Finland	INCREASED DEPOSITION OF ACTIVE	TEBOUL, Karen
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AMPHIPHILIC COPOLYMERS	GARNER, John Solomon	REINHOLD, Ulrich
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FOR PRODUCING AND USING SAME	Shelton, David Louis	LE HELLAYE, Maude
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C07C 51/377	A61B 10/00	(51) B05B 1/30
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(73) The Boeing Company	The Yokohama Rubber Co., Ltd.	B32B 5/26
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(73) 3M Innovative Properties Company	(72) Lutziger, Daniel	(51) B60C 1/00
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(72) GAUCHER, Vincent	BISCHOFF, Andreas	(72) HÖRMANN, Christoph
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(72) HALL, Tommie	MARECHAL, Mickael	(11) EP3733473
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(73) Haldex Brake Products Aktiebolag	SALES, Jérémie	(51) B60W 60/00
(72) NILSSON, Peter	MARECHAL, Mickael	B60W 50/14
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INORGANIC FOAMS	MEDINA VALENCIA, Verona	HUANG, Chaoqun
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CORNELL, Christopher R.	C07D 401/14	(72) YAO, Wenqing
SUCHIT, Shazad	C07D 403/04	YU, Zhiyong
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(73) Intelligent Wellhead Systems Inc.	(73) Raytheon Technologies Corporation	LUNDGREEN, Ryan
(72) CARLSON, Aaron Mitchell	(72) LORICCO, Nicholas M.	TRINDADE, Ricardo
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CYCLE	(72) Flanagan, James Scott	COMPONENT
(73) R6 Eco-Engine Ltd	McMahan, Kevin Weston	(73) Raytheon Technologies Corporation
(72) WAI LEUNG, Shun	Lebegue, Jeffrey Scott	(72) EASTWOOD, Jonathan Jeffery
LIBRALATO, Rugerro	Pentecost, Ronnie Ray	CRAIG, Brian
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WHICH SAID POWER GENERATION	AGGARWAL, Mahesh Chand	F01D 25/12
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F01N 5/02	(47) 16.03.2022	SUZUKI, Ryu
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(72) WEISS, Markus	F03C 1/047	F04B 39/06
SLANITSCH, Gottfried	F03C 1/053	F04B 35/04
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B60S 5/06	(73) Luxembourg Institute of Science and	(73) LG Display Co., Ltd.
G07F 7/06	Technology (LIST)	(72) SHIN, Sang-Il
B60L 53/80	(72) SIMON, Emile	JUN, Hyo Young
B60L 53/65	(31) 93392	JEONG, SangHoon
B60L 53/66	(32) 22.12.2016	(31) 20180160710
B60L 58/16	(33) Luxembourg	(32) 13.12.2018
B60L 58/26	(51) G08G 1/0967	(33) Korea (Republic)
B60L 58/27	G08G 1/16	(51) G09G 3/34
B60L 53/18	G01C 21/00	(11) EP3373282
B60L 53/30	(11) EP3338265	(21) EP17192937.5
B60L 53/51	(21) EP16748358.5	(47) 16.03.2022
B60L 53/16	(47) 16.03.2022	(22) 25.09.2017
B66F 9/075	(87) JP2016003431	(54) METHOD AND DEVICE FOR
H02J 7/00	23.02.2017	ADJUSTING CURRENT OF
H01R 13/447	(22) 22.07.2016	BACKLIGHT, AND DISPLAY
H05K 5/00	(54) SYSTEM AND METHOD FOR	APPARATUS
B60K 1/04	DETERMINING NAVIGATION	(73) Beijing Xiaomi Mobile Software Co., Ltd.
B60K 1/00	INFORMATION FOR AN	(72) LI, Guosheng
(11) EP3644288	AUTONOMOUS VEHICLE	(31) 201710128732
(21) EP19209951.3	(73) Sony Group Corporation	(32) 06.03.2017
(47) 16.03.2022	(72) OBA, Eiji	(33) China
(22) 01.09.2015	(31) 2015162030	(51) G09G 3/36
(54) CHARGING MODULE FOR A SYSTEM	(32) 19.08.2015	G09G 3/3266
FOR TWO-WAY DISTRIBUTION OF	(33) Japan	H03K 4/02
ELECTRICAL ENERGY STORAGE	(51) G09B 23/28	G09G 3/20
DEVICES	G09B 23/30	G11C 19/28
(73) Gogoro Inc.	(11) EP3675082	(11) EP3511925
(72) HUANG, Chien-Ming	(21) EP20158500.7	(21) EP16915559.5
CHEN, Jung-Hsiu	(47) 16.03.2022	(47) 16.03.2022
CHEN, Shen-Chi	(22) 29.09.2011	(87) CN2016104629
CHAN, TsungTing	(54) PORTABLE LAPAROSCOPIC TRAINER	15.03.2018
WU, Yu-Lin	(73) Applied Medical Resources Corporation	(22) 04.11.2016
YANG, Feng Kai	(72) PRAVONGVIENGKHAM, Kennii	(54) FLAT DISPLAY DEVICE AND
(31) 201462045982 P	FALKENSTEIN, Zoran	SCANNING DRIVE CIRCUIT THEREOF
(32) 04.09.2014	COHEN, Lee	(73) Wuhan China Star Optoelectronics
(33) United States of America	SIKRI, Vivek	Technology Co., Ltd.
(51) G08C 23/02	BOLANOS, Eduardo	(72) ZHAO, Mang
H04B 13/02	HART, Charles C	(31) 201610817789
H04B 11/00	PALERMO, Michael	(32) 12.09.2016
(11) EP3785248	CONKLIN, Richard W	(33) China
(21) EP19718343.7	FILEK, Jacob J	(51) G10H 1/32
(47) 16.03.2022	PRAVONG, Boun	G10H 3/18
(87) EP2019059795	HOKI, Adam	(11) EP3721427
31.10.2019	(31) 201161476657 P	(21) EP19701284.2
(22) 16.04.2019	38914110 P	

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18.07.2019	02.03.2018	(21) EP17187990.1
(22) 04.01.2019	07.11.2017	(47) 16.03.2022
(54) ELECTRIC GUITAR WITH	(33) Japan	(22) 25.08.2017
REPLACEABLE PICKUP, AND PICKUP	Japan	(54) METHOD AND DEVICE FOR
ELEMENT FOR SAME	Japan	SECURELY ADDING CONNECTION
(73) Relish Brothers AG	Japan	(73) Beijing Xiaomi Mobile Software Co., Ltd.
(72) KÜNG, Silvan	(51) G10K 11/175	(72) SHI, Dalong
GIGER, Pirmin	(11) EP3248186	LIU, Wei
(31) 192018	(21) EP16700443.1	SUN, Chao
(32) 10.01.2018	(47) 16.03.2022	(31) 201610743903
(33) Switzerland	(87) EP2016050515	(32) 26.08.2016
(51) G10K 9/125	28.07.2016	(33) China
G10K 9/22	(22) 13.01.2016	(51) G10L 19/008
(11) EP3405984	(54) SPEECH REPRODUCTION DEVICE	G10L 19/06
(21) EP16810329.9	CONFIGURED FOR MASKING	(11) EP3610481
(47) 16.03.2022	REPRODUCED SPEECH IN A MASKED	(21) EP17719302.6
(87) EP2016080451	SPEECH ZONE	(47) 16.03.2022
27.07.2017	(73) Fraunhofer-Gesellschaft zur Förderung	(87) FI2017050256
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(54) SOUND TRANSDUCER	(72) HELLMUTH, Oliver	(22) 10.04.2017
ARRANGEMENT	SCHNEIDER, Martin	(54) AUDIO CODING
(73) Robert Bosch GmbH	WALTHER, Andreas	(73) Nokia Technologies Oy
(72) GERLACH, Guenter	HABETS, Emanuel	(72) VASILACHE, Adriana
SCHEUFELE, Bernd	(31) 15151843	RÄMÖ, Anssi
(31) 102016200658	(32) 20.01.2015	LAAKSONEN, Lasse
(32) 20.01.2016	(33) European Patent Office (EPO)	(51) G10L 19/035
(33) Germany	(51) G10L 15/22	G10L 19/002
(51) G10K 11/02	G10L 15/26	G10L 19/06
H04R 1/26	G10L 15/28	(11) EP3637418
H04R 3/04	G10L 15/18	(21) EP18813038.9
B06B 1/02	G10L 15/34	(47) 16.03.2022
B06B 1/06	G10L 13/00	(87) JP2018016564
H04R 3/00	(11) EP3714453	13.12.2018
H04R 5/02	(21) EP18830117.0	(22) 24.04.2018
(11) EP3262848	(47) 16.03.2022	(54) ENCODING DEVICE, DECODING
(21) EP15843978.6	(87) US2018065314	DEVICE, SMOOTHING DEVICE,
(47) 16.03.2022	04.07.2019	REVERSE-SMOOTHING DEVICE,
(87) IB2015058694	(22) 13.12.2018	METHODS THEREFOR, AND
31.03.2016	(54) FULL DUPLEX COMMUNICATION FOR	PROGRAM
(22) 11.11.2015	CONVERSATION BETWEEN CHATBOT	(73) Nippon Telegraph And Telephone
(54) WEARABLE AUDIO DEVICE	AND HUMAN	Corporation
(73) Samsung Electronics Co., Ltd.	(73) Microsoft Technology Licensing, LLC	(72) MORIYA, Takehiro
(72) STAUBER, Mark	(72) ZHOU, Li	KAMAMOTO, Yutaka
CHO, Junyeon	(31) 201711487228	SUGIURA, Ryosuke
BAU, Olivier	201816124077	(31) 2017112242
(31) 201514634012	(32) 29.12.2017	(32) 07.06.2017
(32) 27.02.2015	06.09.2018	(33) Japan
(33) United States of America	(33) China	(51) G11C 11/16
(51) G10K 11/16	United States of America	(11) EP3504711
G10K 11/162	(51) G10L 15/30	(21) EP17746354.4
G10K 11/172	G10L 15/22	(47) 16.03.2022
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(47) 16.03.2022	(47) 16.03.2022	(22) 25.07.2017
(87) JP2018040488	(22) 20.05.2016	(54) HIGH SPEED, LOW POWER SPIN-
16.05.2019	(54) PROCESSING OF A SELECTIVELY	ORBIT TORQUE (SOT) ASSISTED
(22) 31.10.2018	OFFLINE CAPABLE VOICE ACTION	SPIN-TRANSFER TORQUE MAGNETIC
(54) SOUND PROOF STRUCTURE	IN A VOICE-ENABLED ELECTRONIC	RANDOM ACCESS MEMORY (STT-
(73) FUJIFILM Corporation	DEVICE	MRAM) BIT CELL ARRAY
(72) HOSOKAWA, Takafumi	(73) Google LLC	(73) Qualcomm Incorporated
HAKUTA, Shinya	(72) SUNG, Sangsoo	(72) PARK, Chando
YAMAZOE, Shogo	GAO, Yuli	KIM, Sungryul
(31) 2018192710	MURUGESAN, Prathab	KANG, Seung Hyuk
2018108674	(31) 201514723279	KAN, Jimmy Jianan
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(33) United States of America	(32) 20.11.2009	(51) G16H 40/63
(51) G11C 11/22	(33) United Kingdom	G16H 40/67
(11) EP3465689	(51) G16H 10/40	A61M 1/14
(21) EP17803254.6	A61B 5/00	(11) EP3433776
(47) 16.03.2022	G16H 40/67	(21) EP17712112.6
(87) US2017030371	(11) EP3799055	(47) 16.03.2022
30.11.2017	(21) EP20203601.8	(87) EP2017056535
(22) 01.05.2017	(47) 16.03.2022	28.09.2017
(54) POWER REDUCTION FOR A SENSING	(22) 25.08.2011	(22) 20.03.2017
OPERATION OF MEMORY CELLS IN A	(54) SYSTEM FOR ENABLING TEST DATA	(54) REMOTE PROCESSING OF
FERROELECTRIC MEMORY ARRAY	FROM A CLINICAL ANALYTIC DEVICE	MESSAGES FOR A DIALYSIS
(73) Micron Technology, Inc.	TO BE COMMUNICATED TO AN	APPARATUS
(72) KAWAMURA, Christopher John	ELECTRONIC PATIENT INFORMATION	(73) Fresenius Medical Care Deutschland
(31) 201615161952	MANAGEMENT SYSTEM	GmbH
(32) 23.05.2016	(73) Zafena AB	(72) MAIERHOFER, Andreas
(33) United States of America	(72) Rånby, Xerxes	MUELLER, Carsten
(51) G11C 11/4074	Rånby, Mats	(31) 102016105199
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G11C 11/408	(32) 25.08.2010	(33) Germany
G06F 13/14	(33) Sweden	(51) G16H 50/20
G11C 7/22	(51) G16H 10/60	G16H 50/70
G11C 7/10	G16H 50/70	(11) EP3555777
(11) EP3703055	(11) EP3489958	(21) EP16816255.0
(21) EP20163498.7	(21) EP17203294.8	(47) 16.03.2022
(47) 16.03.2022	(47) 16.03.2022	(87) EP2016081221
(22) 01.12.2010	(22) 23.11.2017	21.06.2018
(54) METHODS AND CIRCUITS FOR	(54) HEALTHCARE NETWORK	(22) 15.12.2016
DYNAMICALLY SCALING DRAM	(73) Siemens Healthcare GmbH	(54) DETERMINING AN INDICATOR
POWER AND PERFORMANCE	(72) Markuszewska, Iwona	RELATING TO INJURY
(73) Rambus Inc.	Spitzner, Christian	(73) Brainlab AG
(72) TSEERN, Ely	Hartung, Ulrich	(72) VILSMEIER, Stefan
VOGELSANG, Thomas	(51) G16H 20/17	(51) G16H 50/70
HAMPEL, Craig	G16H 40/40	G16H 50/20
BEST, Scott, C.	G16H 40/63	A61C 7/00
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G09G 3/36	(87) US2010056233	(22) 30.01.2018
(11) EP3330970	09.06.2011	(54) METHOD FOR ANALYSING A
(21) EP17187836.6	(22) 10.11.2010	REPRESENTATION OF A DENTAL
(47) 16.03.2022	(54) GUIDED USER HELP SYSTEM FOR AN	ARCH
(22) 24.08.2017	AMBULATORY INFUSION SYSTEM	(73) Dental Monitoring
(54) GATE DRIVING CIRCUIT AND DISPLAY	(73) Smiths Medical ASD, Inc.	(72) PELLISSARD, Thomas
DEVICE USING THE SAME	(72) KOPP, Kevin, Sean	SALAH, Philippe
(73) LG Display Co., Ltd.	DEBELSER, David	(51) G21B 1/23
(72) CHANG, SungWook	WARD-WELISEVICH, Mary	(11) EP3208808
LEE, SeWan	(31) 631077	(21) EP16190435.4
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(32) 29.12.2016	(51) G16H 40/63	(54) ELECTRON-COUPLED
30.11.2016	(11) EP2676212	TRANSFORMER
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Korea (Republic)	(47) 16.03.2022	(72) Birmbach, Curtis A.
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(21) EP10801225.3	(54) SELECTING AND CORRELATING	30.05.2006
(47) 16.03.2022	PHYSICAL ACTIVITY DATA WITH	(33) United States of America
(87) GB2010051940	IMAGE DATA	United States of America
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(22) 22.11.2010	(72) BUROUGHES, Brandon S.	G21C 3/62
(54) DESIGN OF MOLECULES	HAILEY, Michael Benjamin	(11) EP3827443
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(72) HOPKINS, Andrew, Lee	(32) 17.02.2011	(47) 16.03.2022
BESNARD, Jérémy		

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(22) 03.12.2018	(51) H01B 3/48	
(54) ADDITION INTO THE FUEL MIXTURE OF NUCLEAR FUEL FOR NUCLEAR REACTORS	H01B 13/22	(73) Bitron S.p.A.
(73) WEST REALITY, S.R.O.	H01B 3/44	(72) MARONE, Giuseppe
(72) RAFAY, Peter	H01B 7/295	PICCO, Pierluigi
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G21C 19/07	(47) 16.03.2022	H01F 27/32
G21C 19/10	(22) 27.03.2019	H01F 3/10
G01L 19/08	(54) FIRE RESISTANT DATA COMMUNICATION CABLE	B60L 53/12
G01L 19/02	(73) General Cable Technologies Corporation	H01F 27/36
H04N 5/77	(72) BROWN, Scott M.	H01F 38/14
H04N 7/18	SZYLAKOWSKI, Gregg Raymond	H02J 50/10
H04N 5/225	(31) 201862649197 P	H01F 3/12
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(51) G21F 9/00	(73) Advanced Technology & Materials Co., Ltd.	HUANG, Jie
A61L 2/22	(72) CHENG, Xinghua	YAMAUCHI, Yukiyasu
B08B 3/02	YU, Xiaojun	NAGAYAMA, Yuichirou
B60S 3/00	LIU, Tao	MISUMI, Shota
B08B 17/02	ZHOU, Lei	SUGAWARA, Kazuya
B60S 3/04	(31) 201711322584	(31) 2016125887
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(73) Kärcher Futuretech GmbH	(11) EP3747035	(51) H01F 38/14
(72) Schweizer, Stefan	(21) EP19704398.7	H02J 50/70
Spaan, Michael	(47) 16.03.2022	H02J 50/10
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(51) H01B 1/22	(54) CENTRAL COLUMN OF TOROIDAL FIELD COIL	(21) EP18465539.7
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H01G 11/72	H01H 25/06	(72) URREA, Julio
H01G 11/82	(11) EP3370242	BOLD, Gary
H01M 50/531	(21) EP16860303.3	PEREZ, Hector
H01M 50/543	(47) 16.03.2022	(31) 201662430168 P
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ATAY, Asli	H01H 73/44	H01L 21/425
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(54) ASSEMBLY OF A CONDUIT ON OR IN	PRESSURISED FLUID INCLUDING	GRÜBLER, Johannes
AN OPENING	SUCH A DEVICE	REISING, Michael
(73) Hauff-Technik GmbH & Co. KG	(73) L'AIR LIQUIDE, SOCIETE ANONYME	(74) ir. H.A. Witmans c.s.
(72) HECK, Martin	POUR L'ETUDE ET L'EXPLOITATION	(31) 102018004987
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F16M 11/18	(74) ir. W.J.J.M. Kempes	F23C 7/00
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F16M 11/04	(32) 11.02.2019	F23R 3/14
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AND CAMERA SUPPORT DEVICE FOR	F21V 5/00	
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(73) Wärtsilä Moss AS	(54) METHOD AND DEVICE FOR COOLING A CONSUMER AND SYSTEM WITH CORRESPONDING DEVICE AND CONSUMERS	(73) AIR PRODUCTS AND CHEMICALS, INC.
(72) LINDLØV, Odd Ivar	(73) Linde GmbH	(72) KRISHNAMURTHY, Gowri
(74) ir. W.J.J.M. Kempes	Linde Kryotechnik AG	ROBERTS, Mark Julian
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(73) Saretco	(51) F25C 1/04	(47) 29.12.2021
(72) Simper, André	F25C 1/22	(51) F26B 17/14
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F25B 9/00	(73) Daikin Industries, Ltd.	(72) OVERSLOOT, Hendrik Pieter
F25B 41/00	(72) KAMEI, Noritaka	VAN VLIET, Laurens Daniël
F25B 49/00	IKEMIYA, Makoto	CUYPERS, Ruud
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(73) Krohne AG	(32) 23.12.2016	KREUTNER, Carina
(72) FLORIN, Wilhelm	(33) China	(74) ir. F.A. Geurts c.s.
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G01F 15/02	(73) Judo Wasseraufbereitung GmbH	(72) TORAYA, Hideo
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RECONSTRUCTION AND GRADIENT	(54) HMD DEVICE AND CONTROL	COMPUTING DEVICES
NON-LINEARITY CORRECTION FOR	METHOD THEREFOR	(73) Qualcomm Incorporated
MAGNETIC RESONANCE IMAGING	(73) Samsung Electronics Co., Ltd.	(72) Babbar, Uppinder Singh
(73) Mayo Foundation for Medical Education	(72) LEE, Sang-young	Krishnamurthy, Arunn Coimbatore
and Research	(74) ir. M.F.J.M. Ketelaars c.s.	Krishnamoorthy, Muralidhar Coimbatore
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Mitra, Alok	Denmark	(72) HENDERSON, Jason Todd
Kaushik, Vinod, Harimohan	Denmark	SALAMATOV, Andrew
Kumar, Vaibhav	Denmark	OULIANKINE, Oleg
(74) ir. M.F.J.M. Ketelaars c.s.	United States of America	CLAUX, David
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G06F 3/01	(72) TZEN, Ten	(73) Samsung Electronics Co., Ltd.
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(73) Apple Inc.	(73) Tata Consultancy Services Limited	(73) Intel Corporation
(72) BARLIER, Guillaume	(72) Chaudhuri, Subhrojyoti Roy	(72) DHERE, Amol
ROMNEY, Chris	Banerjee, Amar Satyabroto	MOELLER, Henrik Krogh
BEHZADI, Arian	Natarajan, Swaminathan	(74) ir. W.J.J.M. Kempes
WILSON, Chris I.	Patwari, Puneet	(47) 19.01.2022
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GARCIA, III Robert	(11) EP3384378	(72) SHAH, Viral
GUZMAN, Aurelio	(21) EP16871213.1	CHANDRASHEKAR, Sridhar
YERKES, Giancarlo	(22) 28.09.2016	PATEL, Swapnesh
(74) ir. J.C. Volmer c.s.	(54) INSTRUCTION AND LOGIC FOR IN-ORDER HANDLING IN AN OUT-OF-ORDER PROCESSOR	CHABLANI, Anjali
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(00) 10.11.2021	(00) 10.11.2021	(00) 10.11.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3749455	(11) EP3766661	(11) EP3794082
(00) 10.11.2021	(00) 10.11.2021	(00) 10.11.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3749571	(11) EP3766682	(11) EP3796147
(00) 10.11.2021	(00) 10.11.2021	(00) 10.11.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3749637	(11) EP3766886	(11) EP3798675
(00) 10.11.2021	(00) 10.11.2021	(00) 10.11.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3751069	(11) EP3768501	(11) EP3799927
(00) 10.11.2021	(00) 10.11.2021	(00) 10.11.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3751357	(11) EP3770066	(11) EP3800163
(00) 10.11.2021	(00) 10.11.2021	(00) 10.11.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3752045	(11) EP3771360	(11) EP3801260
(00) 10.11.2021	(00) 10.11.2021	(00) 10.11.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3753764	(11) EP3772074	(11) EP3813201
(00) 10.11.2021	(00) 10.11.2021	(00) 10.11.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3753787	(11) EP3773004	(11) EP3824674
(00) 10.11.2021	(00) 10.11.2021	(00) 10.11.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3755583	(11) EP3773089	(11) EP3830459
(00) 10.11.2021	(00) 10.11.2021	(00) 10.11.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3756028	(11) EP3773122	(11) EP3836527
(00) 10.11.2021	(00) 10.11.2021	(00) 10.11.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3756119	(11) EP3773422	(11) EP3837829
(00) 10.11.2021	(00) 10.11.2021	(00) 10.11.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3757085	(11) EP3773836	(11) EP3865545
(00) 10.11.2021	(00) 10.11.2021	(00) 10.11.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3757582	(11) EP3773838	
(00) 10.11.2021	(00) 10.11.2021	
(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3759152	(11) EP3775925	
(00) 10.11.2021	(00) 10.11.2021	
(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3759366	(11) EP3777454	
(00) 10.11.2021	(00) 10.11.2021	

VRB

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

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) Verweij Holding BV	(00) Assignment	(51) A01N 37/00
(73) Verweij Holding BV	(71) Novartis Finance Corporation	A61K 31/19
(11) 1030853	(73) Novartis AG	(00) Change of owner(s) name
(00) 24.01.2022	(11) EP2364084	(71) Novartis AG
(51) F16L 15/04	(00) 20.01.2022	(73) Novartis AG
F16L 15/08	(51) A01N 37/00	(11) EP2442647
(00) Assignment	A61K 31/19	(00) 20.01.2022
(71) Hitachi Astemo, Ltd.	(00) Merge	(51) A01N 43/26
(73) Hitachi Astemo, Ltd.	(71) Novartis AG	A61K 9/00
(11) EP2213868	(73) Novartis AG	A61K 31/385
(00) 21.01.2022	(11) EP2364084	A61P 27/02
(51) B01D 46/00	(00) 20.01.2022	(00) Assignment
B01D 46/24	(51) A01N 37/00	(71) EH IP, LLC
F02M 21/02	A61K 31/19	(73) Novartis AG
(00) Merge	(00) Assignment	(11) EP2442647
(71) Hitachi Astemo, Ltd.	(71) Novartis Finance Corporation	(00) 20.01.2022
(73) Hitachi Astemo, Ltd.	(73) Novartis AG	(51) A01N 43/26
(11) EP1826453	(11) EP2442647	A61K 9/00
(00) 21.01.2022	(00) 20.01.2022	A61K 31/385
(51) B62K 25/08	(51) A01N 43/26	A61P 27/02
F16F 9/44	A61K 9/00	(00) Change of owner(s) name
(00) Merge	A61K 31/385	(71) Novartis AG
(71) Hitachi Astemo, Ltd.	A61P 27/02	(73) Novartis AG
(73) Hitachi Astemo, Ltd.	(00) Merge	(11) EP2821405
(11) EP1780439	(71) Novartis Finance Corporation	(00) 20.01.2022
(00) 21.01.2022	(73) Novartis AG	(51) A01N 43/26
(51) F16F 9/44	(11) EP2821405	A61K 9/00
(00) Merge	(00) 20.01.2022	A61K 31/21
(71) Hitachi Astemo, Ltd.	(51) A01N 43/26	A61K 31/385
(73) Hitachi Astemo, Ltd.	A61K 9/00	A61P 27/00
(11) EP1867892	A61K 31/21	C07D 339/04
(00) 21.01.2022	A61K 31/385	(00) Assignment
(51) F16F 9/44	A61P 27/00	(71) GRONBACH k.s.
(00) Merge	C07D 339/04	(73) GRONBACH k.s.
(71) Novartis Finance Corporation	(00) Merge	(11) EP2974969
(73) Novartis AG	(71) EH IP, LLC	(00) 21.01.2022
(11) EP2442645	(73) Novartis AG	(51) A47B 77/08
(00) 20.01.2022	(11) EP2821405	B65B 31/02
(51) A61K 31/385	(00) 20.01.2022	F04C 25/02
A61P 27/02	(51) A01N 43/26	(00) Change of owner(s) name
C07D 339/04	A61K 9/00	(71) Tremco CPG Netherlands B.V.
C07D 343/00	A61K 31/21	(73) Tremco CPG Netherlands B.V.
(00) Merge	A61K 31/385	(11) EP2864219
(71) EH IP, LLC	A61P 27/00	(00) 20.01.2022
(73) Novartis AG	C07D 339/04	(51) B65D 83/30
(11) EP2442645	(00) Change of owner(s) name	B65D 83/46
(00) 20.01.2022	(71) Hitachi Astemo, Ltd.	(00) Assignment
(51) A61K 31/385	(73) Hitachi Astemo, Ltd.	(71) Hitachi Astemo, Ltd.
A61P 27/02	(11) EP2484947	(73) Hitachi Astemo, Ltd.
C07D 339/04	(00) 21.01.2022	(11) EP2415999
C07D 343/00	(51) F02M 21/02	(00) 21.01.2022
(00) Change of owner(s) name	F02M 21/06	(51) F02M 21/02
(71) Novartis AG	F16K 7/12	F02M 51/06
(73) Novartis AG	F16K 17/04	F02M 61/18
(11) EP2442645	F16K 31/126	(00) Merge
(00) 20.01.2022	G05D 16/06	(71) Hitachi Astemo, Ltd.
(51) A61K 31/385	(00) Merge	(73) Hitachi Astemo, Ltd.
A61P 27/02	(71) EH IP, LLC	(11) EP2584215
C07D 339/04	(73) Novartis AG	(00) 21.01.2022
C07D 343/00	(11) EP2364084	(51) F16F 9/32
	(00) 20.01.2022	F16F 9/34

(00) Merge	B65B 57/00	C25B 11/077
(71) Munster Technological University	(00) Change of owner(s) name	H01M 4/88
(73) Munster Technological University	(71) GRONBACH k.s.	H01M 4/90
(11) EP2919729	(73) GRONBACH k.s.	H01M 12/06
(00) 13.01.2022	(11) EP3162718	B01J 23/00
(51) A61F 11/00	(00) 21.01.2022	B01J 23/78
(00) Change of owner(s) name	(51) B65B 31/02	B01J 35/00
(71) Hitachi Astemo, Ltd.	(00) Change of owner(s) name	B01J 21/06
(73) Hitachi Astemo, Ltd.	(71) Hitachi Astemo, Ltd.	(00) Assignment
(11) EP3075581	KITZ CORPORATION	(71) BioNTech SE
(00) 21.01.2022	(73) KITZ CORPORATION	TRON-Translationale Onkologie an der
(51) B60G 17/018	Hitachi Astemo, Ltd.	Universitäts- medizin der Johannes
(00) Merge	(11) EP2311922	Gutenberg-Universität Mainz gGmbH
(71) Tremco CPG Netherlands B.V.	(00) 21.01.2022	(73) TRON-Translationale Onkologie an der
(73) Tremco CPG Netherlands B.V.	(51) C09K 3/10	Universitäts- medizin der Johannes
(11) EP2922903	D01F 9/127	Gutenberg-Universität Mainz gGmbH
(00) 20.01.2022	D06M 11/34	BioNTech SE
(51) C04B 26/04	F16J 15/10	(11) EP3484445
C04B 28/26	(00) Merge	(00) 21.01.2022
C04B 38/10	(71) Shanghai Yunyi Healthcare and	(51) A61K 31/7105
C08J 9/00	Technology Co., Ltd.	A61K 39/12
C08J 9/14	(73) Shanghai Yunyi Healthcare and	A61K 47/26
C08J 9/30	Technology Co., Ltd.	A61P 37/04
C08K 3/34	(11) EP2860181	(00) Merge
C08L 9/08	(00) 24.01.2022	(71) REGENXBIO Inc.
(00) Assignment	(51) A61K 31/5377	Regents of the University of Minnesota
(71) GRONBACH k.s.	A61K 31/5386	(73) REGENXBIO Inc.
(73) GRONBACH k.s.	A61P 3/00	Regents of the University of Minnesota
(11) EP3130447	A61P 9/00	(11) EP3294323
(00) 21.01.2022	A61P 25/00	(00) 21.01.2022
(51) B29C 65/00	A61P 29/00	(51) A61K 38/47
B29C 65/02	A61P 31/12	C12N 7/00
B65B 31/02	A61P 35/00	C12N 15/86
B65B 51/10	A61P 35/02	A61K 31/675
B65B 51/14	A61P 37/02	A61K 45/06
(00) Change of owner(s) name	C07D 491/048	A61K 48/00
(71) FUJIFILM Toyama Chemical Co., Ltd.	C07D 495/04	A61P 25/28
(73) FUJIFILM Toyama Chemical Co., Ltd.	C07D 519/00	(00) Assignment
(11) EP2535358	(00) Assignment	
(00) 21.01.2022	(71) GRONBACH k.s.	
(51) C07K 16/28	(73) GRONBACH k.s.	
(00) Merge	(11) EP3130448	
(71) Hitachi Astemo, Ltd.	(00) 21.01.2022	
(73) Hitachi Astemo, Ltd.	(51) B29C 65/22	
(11) EP2549092	B65B 31/02	
(00) 21.01.2022	B65B 51/14	
(51) F02D 19/02	(00) Change of owner(s) name	
F02D 19/06	(71) Nanjing Institute of Environmental	
F02M 21/02	Science, Ministry of Ecology and	
(00) Merge	Environment	
(71) GRONBACH k.s.	(73) Nanjing Institute of Environmental	
(73) GRONBACH k.s.	Science, Ministry of Ecology and	
(11) EP3204299	Environment	
(00) 21.01.2022	(11) 2025922	
(51) A23L 3/015	(00) 21.01.2022	
A47B 77/08	(51) B01J 20/02	
A47B 77/16	C02F 1/28	
A47F 7/00	B01J 20/12	
B65B 31/02	B01J 20/14	
B65B 51/14	(00) Change of owner(s) name	
B65D 81/20	(71) Forschungszentrum Jülich GmbH	
(00) Change of owner(s) name	(73) Forschungszentrum Jülich GmbH	
(71) GRONBACH k.s.	(11) EP3601639	
(73) GRONBACH k.s.	(00) 25.01.2022	
(11) EP3159271	(51) C25B 1/04	
(00) 21.01.2022	C25B 11/052	
(51) B65B 31/02	C25B 11/069	

TVH

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