



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	251Heading SPC Contains data concerning applications for- or granted Supplementary Protection Certificates.	251
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Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking.		Contains data concerning European patents with registered Unitary Effect.	
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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 71/08 B62D 55/088	(72) Guanjin Lin Jingxin Yang Dong Wei	(54) TOY FOR BABY WALKING VEHICLE (71) Wenzhou University
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(22) 27.09.2022	Jingyu Chen	(72) Zhanmei Song
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(71) Jiangxi Academy of Agricultural Sciences Institute of Agricultural Engineering	Peng Zhou	Baocheng Pan
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(31) 2022107770897	A23C 9/20	(71) University of Chinese Academy of Sciences
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(74) ir. M.B. Plaggenborg	(21) 2034775	Qinzhong Feng
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(74) ir. H.Th. van den Heuvel c.s.	China Construction Municipal	Machiel Saakes
(72) Sven Boon	Engineering Corporation Limited	(41) 17.07.2023
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(22) 10.01.2022	Xin Li	(22) 07.02.2023
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(71) Dongguan University Of Technology	Xianpan Xu	(74) dr. T. Wittop Koning PhD
(74) ir. W.J.J.M. Kempes	Feng Chen	(72) Yingwang Ye
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Bingheng Lu	(33) China	Rui Jiao
Nan Li	(51) C07C 45/52	Hui Li
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(21) 2030508	(21) 2030511	(32) 24.10.2022
(22) 12.01.2022	(22) 12.01.2022	(33) China
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(71) Rogama B.V	ACRYLONITRILE	(22) 07.01.2022
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(72) Robert Servaas Matti	(74) dr. A. Krebs	ON HIGH-TEMPERATURE HIGH-
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(51) C01B 32/05	Liesl Schindler	(71) Heyuan Puyi Cemented Carbide Plant
(21) 2030490	Corey Tyree	Limited Company
(22) 10.01.2022	(41) 17.07.2023	(74) ir. M.B. Plaggenborg
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(71) Yulin University	C08G 77/10	Jinling Li
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(72) Yajun Ma	(22) 29.03.2022	(51) D02G 3/40
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Yu Meng	PREPARATION METHOD AND	D01B 7/00
(41) 13.07.2023	APPLICATION THEREOF	(21) 2030502
(51) C04B 12/04	(71) Shandong Guike New Material Co., Ltd.	(22) 11.01.2022
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(21) 2030488	Fanzhen Kong	METHOD THEREOF
(22) 10.01.2022	Yuan Qu	(71) DH SILCO ENTERPRISE CO., LTD.
(54) MULTI-SOLID WASTE ACTIVATED	Tiantian Yang	(74) ir. M.B. Plaggenborg
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ORE TAILINGS AND PREPARATION	Shilin Qi	Hongtai Chen
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(71) Northeastern University	Linggang Kong	Jian Zheng
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(41) 17.07.2023	(22) 19.09.2022	(71) GuangZhou KingTau Machinery&Electronics Equipment Co., Ltd.
(51) E03B 11/16	(54) METHOD FOR TESTING BONDING PERFORMANCE OF INTERFACIAL TRANSITION ZONE BETWEEN ASPHALT AND ACID-BASE COMBINED AGGREGATES	(74) drs. C.M.A. Quintelier
(21) 2030663	(71) Xi'an University of Technology	(72) Zhenhua Tang
(22) 24.01.2022	(74) ir. W.J.J.M. Kempes	(31) 202210868197.5
(54) WATER SUPPLY EQUIPMENT WITH PRESSURE DIVIDING WATER TANK	(72) Heng Zhou	(32) 22.07.2022
(71) Hangzhou WODE Pump Manufacturing Co.,Ltd	Yang Li	(33) China
(74) dr. A. Krebs	Yanlong Li	(51) G06K 9/62
(72) Long Li	Yunhe Liu	G06K 9/00
(51) E03D 5/02	Qingjun Zhang	(21) 2030505
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(22) 12.01.2022	(32) 11.01.2022	(54) METHOD AND APPARATUS FOR EXTRACTING BUILDING EARTHQUAKE DAMAGE INFORMATION BY FUSING MULTIPLE TEXTURE FEATURES
(54) Flush plate	(33) China	(71) Gansu Earthquake Agency
(71) Inti Bath B.V.	(51) G01N 21/3581	(74) ir. W.J.J.M. Kempes
(74) ir. H.A. Witmans c.s.	(21) 2035042	(72) Jinghan Wang
(72) Sam Philip Martens	(22) 08.06.2023	Hailong Liu
(41) 17.07.2023	(54) MULTI-DIMENSIONAL TERAHERTZ METAMATERIAL SIGNAL-BASED PATHOGEN RAPID IDENTIFICATION METHOD	Wei Zhai
(51) E04B 2/86	(71) Zhejiang University	(41) 17.07.2023
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(21) 2033942	Yong He	(21) 2030458
(22) 11.01.2023	Chenghao Zhang	(22) 07.01.2022
(54) A PREFABRICATED REINFORCED CONCRETE SHELL FOR USE IN A FORMWORK FOR CONSTRUCTING A CONCRETE WALL	Xuping Feng	(54) Method for determining the position and/or orientation of a socket of an electric car for the purpose of automatically plugging in a connector
(71) STEENBAKKERIJEN VAN PLOEGSTEERT SA	Baoyu Xu	(71) Rocsys B.V.
(74) J.M.H. Duyver lic.	(51) G02B 21/00	(74) ir. M. van der Velden
(72) Koenraad Berghman Bert Bekaert	G02B 21/34	(72) Toby Joannes Hijzen
(41) 17.07.2023	G02B 21/26	Kanter van Deurzen
(31) BE2022/5009	(21) 2030512	(41) 12.07.2023
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(22) 12.01.2022	(72) Satyajith Jujjavarapu	(22) 29.10.2021
(54) BRAKE PAD	Gleb Vdovine	(54) INTEGRATED CIRCUIT ASSEMBLIES
(71) Yantai Xingchuang Automobile Parts Co., Ltd.	Marinus Jan Eikelenboom	(62) 2029554 (29.10.2021)
(74) ir. W.J.J.M. Kempes	Temitope Ebenezer Agbana	(71) Intel Corporation
(72) Xingping Feng	(41) 17.07.2023	(74) dr. A. Krebs
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(21) 2030503	(22) 12.01.2022	Wilfred Gomes
(22) 12.01.2022	(54) Method for processing a print job by a printer and a finisher	Abhishek A. Sharma
(54) EXPERIMENTAL DEVICE FOR STUDYING BLOCKAGE CAUSED BY SUSPENDED SOLIDS	(71) CANON PRODUCTION PRINTING HOLDING B.V.	(31) 17/210,836
(71) Chinese Academy of Geological Sciences	(74) ir. M.J. Groen	63/119,928
(74) ir. W.J.J.M. Kempes	(72) Robertus G.A. Jetten	(32) 24.03.2021
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Kai Liu	Joris J.M. Baijens	United States of America
Jing Wang	Xavier C.M. Brankaert	(51) H01L 25/10
Peng Li	Antonius M. Gerrits	H01L 25/18
Zhenhua Zhao	(41) 17.07.2023	H01L 25/065
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Yingchao Liu	B41J 2/14	(21) 2034799
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Yaoyao Zhang	(21) 2034891	(54) INTEGRATED CIRCUIT ASSEMBLIES WITH DIRECT CHIP ATTACH TO CIRCUIT BOARDS
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		(74) dr. A. Krebs

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- (54) LIQUID-COOLING DEVICE FOR
POWER SUPPLY CORE WIRES WITH
PLUG TERMINALS
- (71) Zhangjiagang Uchen New Energy
Technology Co., Ltd.
- (74) ir. W.J.J.M. Kempes
- (72) Gaojun Song
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(72) Menghan Wang	(73) CHINA ACADEMY OF SAFETY SCIENCE AND TECHNOLOGY	Xiaonan Li
Miao Zhang	(72) Yanwei Gao	Hui Niu
Ying Ye	Jian Li	Yuxia Gao
Guoyu Wang	Guolin Liu	Shengbiao Jiang
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(72) Guanjin Lin	Yi Yan	(31) 202111177878 .9
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Peng Zhou	C12N 1/36	(22) 11.01.2022
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Bo Zhang	C12R 1/145	(73) Wenzhou University
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(74) dr. T. Wittop Koning PhD	(22) 18.08.2022	Baocheng Pan
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(74) dr. T. Wittop Koning PhD	B66F 9/14	(72) Emad Mohammed Noman Al-Dhubhani
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B32B 27/06	(73) Yulin University	(72) Yingwang Ye
B32B 27/08	(72) Yajun Ma	Danfeng Zhang
B32B 27/20	Xiaoyan Liu	Yanyan Zou
B29C 48/87	Yu Meng	Rui Jiao
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Tom van Poyer	(47) 17.07.2023	College of Life Sciences, Wuhan University, Wuhan 430072, China
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Bingheng Lu	C08G 77/10	
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D02G 3/04	(54) BRAKE PAD	(72) Satyajith Jujjavarapu
D01B 7/00	(73) Yantai Xingchuang Automobile Parts Co., Ltd.	Gleb Vdovine
(11) 2030502	(72) Xingping Feng	Marinus Jan Eikelenboom
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Jian Zheng	(54) SANERING VAN EEN BUISLEIDING VOORZIEN VAN EEN AFTAKKING	(73) CANON PRODUCTION PRINTING HOLDING B.V.
(74) ir. M.B. Plaggenborg	(73) Funke Kunststoffe GmbH	(72) Robertus G.A. Jetten
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(54) WATER SUPPLY EQUIPMENT WITH PRESSURE DIVIDING WATER TANK	(73) Chinese Academy of Geological Sciences	Mahesh Wagh
(73) Hangzhou WODE Pump Manufacturing Co.,Ltd	(72) Chaobin Guo	Debendra Das Sharma
(72) Long Li	Zhiping Li	(74) dr. A. Krebs
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(73) Inti Bath B.V.	Shanshan Wang	(51) G06K 9/62
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(73) Rocsys B.V.

(72) Toby Joannes Hijzen
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(74) ir. M. van der Velden

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(54) LIQUID-COOLING DEVICE FOR
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(73) Zhangjiagang Uchen New Energy
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(31) 201815951811	(22) 15.12.2020	(22) 15.02.2017
(32) 12.04.2018	(54) IMPLANT DELIVERY DEVICE	(54) DYNAMICALLY STABILIZING
(33) United States of America	(73) Capri Medical Limited	VERTEBRAL IMPLANT, AND
(51) A61B 17/32	(72) Ward, Fergal	SURGICAL KIT COMPRISING SAME
A61B 17/29	Mullins, John	(73) Backbone
A61B 17/00	Hegarty, Dominic	(72) SENEGAS, Jacques
A61B 90/00	(51) A61B 17/34	(31) 1651203
(11) EP3552566	A61N 5/10	(32) 15.02.2016
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(47) 19.07.2023	A61N 1/05	(51) A61B 17/70
(22) 11.04.2019	(11) EP3337414	A61B 90/00
(54) MECHANICAL LOCKOUT FOR	(21) EP16758344.2	(11) EP3644877
ULTRASONIC SURGICAL	(47) 19.07.2023	(21) EP18734476.7
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(72) MEYERS, Andrew S.	(22) 20.08.2016	03.01.2019
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KOLPITKE, Andrew	OPTIMIZER	(54) EXTENSION DEVICE FOR A BONE
WATERS, Grace E.	(73) Cardiac Pacemakers, Inc.	ANCHOR
HARRIS, Demetrius N.	(72) GILBERTSON, Bruce K.	(73) Silony Medical International AG
KUHN, Matthew T.	STIEPER, David P.	(72) SANDERS, Marc
LEUCK, Stephen M.	FOSTER, Arthur J.	HEUER, Frank
BRADY, John E.	BOBGAN, Jean M.	(31) 102017114273
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(33) United States of America	(87) CN2018082550	(22) 17.04.2017
(51) A61B 17/32	04.04.2019	(54) ARTHRODESIS DEVICES FOR
A61B 90/98	(22) 10.04.2018	GENERATING AND APPLYING
(11) EP3868316	(54) ADJUSTABLE DOUBLE-SLOT SPINAL	COMPRESSION WITHIN JOINTS
(21) EP21157787.9	INTERNAL FIXING DEVICE AND BONE	(73) Arthrex Inc
(47) 19.07.2023	SCREW	(72) DELMONACO, Alexander
(22) 18.02.2021	(73) Shanghai Sanyou Medical Co., Ltd.	FRONTE, Matthew
(54) TISSUE RESECTING INSTRUMENT	(72) LIU, Michael Mingyan	KARNES, William Michael
(73) Covidien LP	ZHU, Zezhang	GARLOCK, Adam
(72) MARSHALL, Peter	QIU, Yong	PALMER, Matthew
GANNON, Alan, P	LIU, Ruifeng	NEALON, Kaitlyn
LEIBOWITZ, Dalia	(31) 201721255595 U	DEVANEY, Robert
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(22) 28.02.2019	(54) BONE ANCHORING DEVICE	(47) 19.07.2023
(54) ACTIVE CUTTING CATHETER WITH	(73) Biedermann Technologies GmbH & Co.	(87) US2018022042
HOUSED EXPANDABLE ACTUATOR	KG	13.09.2018
(73) C. R. Bard, Inc.	(72) BIEDERMANN, Lutz	(22) 12.03.2018
(72) TURK, Lauren	DANNECKER, Berthold	(54) PLATFORM FRACTURE FIXATION
SIMMONS, Brandon	FISCHER, Bernd	IMPLANTS
WRIGHT, Mark, Nicholas	(51) A61B 17/70	(73) Exactech, Inc.
(51) A61B 17/34	A61B 17/82	(72) KOOGLE, David
A61B 5/00	A61B 17/84	ATHWAL, George S.
A61N 1/05	A61B 17/88	EGOL, Kenneth A.
A61N 1/375	(11) EP3416576	ROCHE, Christopher P.
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(33) United States of America	(73) Aerin Medical, Inc.	(54) AN RF AND/OR MICROWAVE ENERGY CONVEYING STRUCTURE, AND AN INVASIVE ELECTROSURGICAL SCOPING DEVICE INCORPORATING THE SAME
(51) A61B 17/72	(72) FRAZIER, Andrew	(73) Creo Medical Limited
A61B 17/86	WOLF, Scott J.	(72) WEBB, David Edward
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(51) A61B 17/82	10.06.2021	(87) EP2020075660
A61B 17/84	(22) 30.11.2020	25.03.2021
A61B 17/86	(54) PULSE GENERATING CIRCUIT, AND ELECTROSURGICAL GENERATOR INCORPORATING THE SAME	(22) 14.09.2020
A61B 17/80	(73) Creo Medical Limited	(54) ELECTROSURGICAL APPARATUS FOR TREATING BIOLOGICAL TISSUE WITH MICROWAVE ENERGY
A61B 17/04	(72) DAVIES, Ilan	(73) Creo Medical Limited
A61B 17/88	HANCOCK, Christopher Paul	(72) HANCOCK, Christopher Paul
(11) EP3405131	HODGKINS, George	(31) 201913330
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(73) A&E Advanced Closure Systems, LLC	(11) EP3110358	(11) EP3206614
(72) GOODWIN, Robert ,A. Jr.	(21) EP15703347.3	(21) EP15786889.4
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(51) A61B 18/12	(54) SURGICAL DEVICE HAVING MOVABLE ELEMENTS	(54) CABLE FOR CONVEYING RADIOFREQUENCY AND/OR MICROWAVE FREQUENCY ENERGY TO AN ELECTROSURGICAL INSTRUMENT
A61B 18/14	(73) Gyrus ACMI, Inc., d.b.a. Olympus	(73) Creo Medical Limited
A61B 18/00	Surgical Technologies America	(72) ULLRICH, George Christian
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(21) EP18836576.1	WANG, Huisun	WEBB, David Edward
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(73) Galvanize Therapeutics, Inc.	A61B 5/107	(33) United Kingdom
(72) WALDSTREICHER, Jonathan Reuben	A61B 5/287	(51) A61B 18/22
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NEAL, Robert E., II	(21) EP20196376.6	(21) EP15151153.2
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(73) Orthosoft ULC	(32) 26.05.2016	OPERATING A DENTAL SYSTEM
(72) DUPUIS, Karine	(33) United States of America	(73) DENTSPLY SIRONA Inc.
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ABIVEN, Jean-Guillaume	A61B 90/00	KILE, Jeremy
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(47) 19.07.2023	SCHOSTEK, Dr. Sebastian	A61C 17/32
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(73) Orthosoft ULC	(21) EP19846362.2	(72) Haarmann, Markus
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(54) INSTRUMENT GUIDING DEVICE	A61B 1/24	SIMULTANEOUS FLUSHING AND
(73) Koelis	A61C 8/00	SUCTION OF A TOOTH ROOT CANAL
(72) BAUMANN, Michael	(11) EP3653162	(73) ReDentNova GmbH & Co. KG
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A61B 1/00	Mozes, Alon	27.06.2019
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KUPKA, Jörg	(72) CRUZ, Joell	(73) SONENDO, INC.
(31) 102017130944	SUTTIN, Zachary B.	(72) BERGHEIM, Bjarne
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(22) 28.05.2018	(22) 14.12.2016	26.06.2013
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PARTICULARLY FOR HIGHLY	POLYMERISED DENTAL MATERIAL	United States of America
VISCOUS DENTAL MATERIALS	BLOCKS	United States of America
(73) Kulzer GmbH	(73) Kulzer GmbH	United States of America
(72) KEMENY, Andrea	(72) HOHMANN, Alfred	United States of America
UTTERODT, Andreas	RUPPERT, Klaus	(51) A61C 17/22
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(33) United States of America	(22) 13.02.2019	INC.
(51) A61C 8/00	(54) DENTAL ANCHORING SYSTEM FOR	(72) WANG, SHIH CHUN
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(87) IB2019058563	GIMENO EGUIA, Julen	(51) A61C 19/045
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(73) Calabria, Ennio	(31) 201830128	A61B 5/11
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B29C 43/52	(11) EP3784377	HAVENAAR, Richard
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(72) ABOUDI, Yoav	(73) Dow Global Technologies LLC	(72) Sutton, Gerald
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Development (Shanghai) Co., LTD	(73) Toshiba Tec Kabushiki Kaisha	(72) BURKE, David
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POLYCARBONATE QUENCHING	MERCE, Manuel	(72) LANGERMANS, Hermanus Adrianus
TECHNICAL FIELD	SCHMITT, Véronique	VERMEULEN, Jacobus Adriaan Antonius
(73) SABIC Global Technologies B.V.	MOUAZEN, Mouhamad	VAN DIJCK, Michael Alphonsus Cornelis
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HWANG, Daehyeon	A61K 8/29	TREATMENT METHOD
SON, Youngwook	C09C 1/00	(73) NATIONAL INSTITUTE OF ADVANCED
JEON, Byoungkue	C09C 3/08	INDUSTRIAL SCIENCE AND
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(33) Korea (Republic)	A61K 8/04	(72) HOZUMI Atsushi
(51) C08L 77/06	B82Y 30/00	KANEKO Souhei
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TSENG, Hsin-Rong	RESISTANCE AND FINGERPRINT	FENG, Shaoguang
LEONHARD, Christoph	RESISTANCE, STAINLESS STEEL	ZHAI, Xuemei
B�ALLE, Ga�lle	SHEET HAVING ETCHING PATTERNS,	JIANG, Jingui
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(21) EP19789198.9	ZHOU, Jian	IKENAGA Yuji
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(54) MAGNETIZABLE ABRASIVE PARTICLE	KESAVAN, Subramanian	TAKATORI Hiroaki
AND METHOD OF MAKING THE SAME	PABALAN, Ruela	NISHIDA Tetsuo
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NDONG, Rose	(72) NOGUCHI Katsuhide	C08F 4/6592

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C12M 1/00	C12M 3/00	LANNER, Fredrik
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(51) E04F 13/08	(47) 19.07.2023	Ibach, Johannes
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E04C 2/04	(54) METHOD FOR CONNECTING A CLIMBING BRACKET WHICH IS ACTIVATABLE AUTOMATICALLY SAFE WITH AN ANCHORING DEVICE, SYSTEM WITH A CLIMBING BRACKET AND AN ANCHORING DEVICE AND CLIMBING BRACKET	(32) 22.04.2021
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C04B 28/00	(72) Albanese, Pino	(51) E04H 4/00
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(73) SAINT-GOBAIN PLACO	(11) EP3805489	(72) Komkin, Viktor
(72) BULUSU, Suryateja	(21) EP20200963.5	La Porte, Bastian
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COMPRISING A MULTI-PART TOWER	(11) EP3699375	GRINDER PROTECTIVE, U-SHAPED,
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(72) HEIN, Robert	(22) 16.12.2019	(72) CATO, Dylan
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BULL, Michael	WITH THE SECURING ELEMENT,	(31) 201862731265 P
PORM, Karsten	METHOD FOR PRODUCING A	(32) 14.09.2018
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(54) METHOD FOR ERECTING A	B64C 1/14	POLTSCHAK, Florian
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TOWER	E05B 15/04	(51) E05B 85/16
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MURRAY, James Nicholas	E05D 15/10	WINDOW
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E05D 15/40	(54) A WINDOW OR DOOR FITTING WHICH	E06B 5/11
E05F 1/10	CAN BE LATCHED IN THE TILTED	E06B 3/70
E05F 1/12	POSITION BUT IS NEVERTHELESS	(11) EP2906767
E05D 7/12	EASILY MOVABLE DURING A SLIDE	(21) EP13845021.8
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(54) ACTUATOR FOR PARTS OF	ISSLER, Thorsten	(54) INTRUSION PREVENTION
FURNITURE	NYIKOS, Tamás	ARRANGEMENT COMPRISING A SAW
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(72) ABBIATI, Fabio	(72) SEDAZZARI, Claudio	(51) G02B 21/00
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H01L 31/044	H01L 33/52	(33) Korea (Republic)
H02S 20/23	H01L 33/00	(51) H01M 4/136
(11) EP3966872	F21K 9/00	H01M 4/58
(21) EP19722888.5	H01L 33/60	H01M 4/62
(47) 19.07.2023	H01L 33/62	H01M 4/38
(87) EP2019061745	H01L 33/54	H01M 4/587
12.11.2020	H01L 33/38	H01M 4/133
(22) 07.05.2019	(11) EP3483944	H01M 10/052
(54) CONCENTRATOR PHOTOVOLTAIC MODULE	(21) EP17892069.0	(11) EP3553852
(73) FOXLED1 AG	(47) 19.07.2023	(21) EP17877489.9
(72) SCHIBLI, Peter	(87) KR2017011089	(47) 19.07.2023
(51) H01L 33/06	21.03.2019	(87) CN2017092313
B82Y 20/00	(22) 29.09.2017	14.06.2018
H10K 50/115	(54) LIGHT EMITTING DEVICE PACKAGE AND LIGHTING APPARATUS COMPRISING SAME	(22) 09.07.2017
H10K 50/16	(73) Suzhou Lekin Semiconductor Co., Ltd.	(54) POWER BATTERY AND POSITIVE ELECTRODE PLATE THEREOF
H10K 101/40	(72) LIM, Chang Man	(73) Contemporary Amperex Technology Co., Limited
(11) EP3809474	SONG, June O	(72) XU, Yong gang
(21) EP20201916.2	KIM, Won Jung	LI, Rui fa
(47) 19.07.2023	KIM, Ki Seok	TENG, Guo peng
(22) 15.10.2020	(31) 20170119047	LIU, Xiao mei
(54) QUANTUM DOT LIGHT-EMITTING DEVICE AND ELECTRONIC DEVICE	(32) 15.09.2017	LI, Bo
(73) Samsung Electronics Co., Ltd.	(33) Korea (Republic)	(31) 201611119962
(72) LEE, Heejae	(51) H01M 4/02	(32) 08.12.2016
YOON, Won Sik	H01M 4/131	(33) China
HAN, Moon Gyu		(51) H01M 4/36
PARK, Kun Su		H01M 4/38
		H01M 4/48

H01M 4/525	(87) KR2020013964	(72) MOTOI, Kenji
H01M 4/58	06.05.2021	KANNO, Takashi
H01M 4/587	(22) 14.10.2020	
H01M 10/0525	(54) ANODE BINDER MATERIAL FOR	(51) H01M 10/04
H01M 4/02	LITHIUM SECONDARY BATTERY, AND	H01M 10/0587
(11) EP3742532	ANODE BINDER COMPRISING CURED	H01M 50/103
(21) EP19741871.8	PRODUCT THEREOF	H01M 50/463
(47) 19.07.2023	(73) LG Chem, Ltd.	(11) EP3509124
(87) JP2019000739	(72) SON, Jeong Man	(21) EP18188341.4
25.07.2019	WOO, Jungeun	(47) 19.07.2023
(22) 11.01.2019	RYU, Dong Jo	(22) 09.08.2018
(54) NON-AQUEOUS ELECTROLYTE	CHOI, Cheolhoon	(54) INSULATION PLATE FOR SECONDARY
SECONDARY BATTERY	HAN, Seon Hee	BATTERY, SECONDARY BATTERY,
(73) Panasonic Energy Co., Ltd.	HAN, Jung Sup	AND VEHICLE
(72) MIYANARI Mitsunori	LEE, Sungjin	(73) Contemporary Ampere Technology Co.,
TAKIGAWA Masashi	KANG, Min Ah	Limited
HASHITANI Sanae	(31) 20200131978	(72) LI, Xiang
(31) 2018006828	20190138185	(31) 201810004917
(32) 19.01.2018	(32) 13.10.2020	(32) 03.01.2018
(33) Japan	31.10.2019	(33) China
(51) H01M 4/587	(33) Korea (Republic)	(51) H01M 10/04
H01M 4/133	Korea (Republic)	H01M 50/531
H01M 10/0525		(11) EP3771010
H01M 10/0566	(51) H01M 8/1004	(21) EP19890910.3
H01M 4/134	H01M 8/02	(47) 19.07.2023
H01M 50/411	B29C 65/48	(87) KR2019010227
(11) EP3902038	B32B 37/10	04.06.2020
(21) EP21179222.1	H01M 4/88	(22) 12.08.2019
(47) 19.07.2023	B32B 27/08	(54) CYLINDRICAL TYPE SECONDARY
(22) 13.10.2017	B32B 27/28	BATTERY
(54) LARGE-FORMAT BATTERY ANODES	B32B 37/06	(73) LG Energy Solution, Ltd.
COMPRISING SILICON PARTICLES	B32B 37/08	(72) KIM, Namwon
(73) Tesla, Inc.	H01M 8/1018	RYU, Duk Hyun
(72) Piper, Daniela Molina	H01M 8/1023	KIM, Jeeun
Evans, Tyler	H01M 8/1025	(31) 20180148564
(31) 201662407938 P	H01M 8/1039	(32) 27.11.2018
(32) 13.10.2016	H01M 8/1086	(33) Korea (Republic)
(33) United States of America	H01M 8/10	(51) H01M 10/052
(51) H01M 4/62	(11) EP3379629	G02F 1/00
H01M 4/133	(21) EP16866305.2	H01L 31/00
H01M 4/1393	(47) 19.07.2023	H01M 10/0565
H01M 4/583	(87) JP2016083794	H01M 6/40
H01M 10/0525	26.05.2017	H01M 10/054
H01M 4/02	(22) 15.11.2016	H01M 6/22
(11) EP3879612	(54) METHOD AND DEVICE FOR	H01M 10/04
(21) EP21155107.2	MANUFACTURING ASSEMBLY THAT	(11) EP3516726
(47) 19.07.2023	INCLUDES POLYMER ELECTROLYTE	(21) EP17780827.6
(22) 04.02.2021	MEMBRANE	(47) 19.07.2023
(54) BINDER AQUEOUS SOLUTION FOR	(73) Toray Industries, Inc.	(87) FR2017052494
LITHIUM-ION BATTERY ELECTRODE,	(72) IZUHARA Daisuke	22.03.2018
SLURRY FOR LITHIUM-ION BATTERY	ADACHI Shinya	(22) 18.09.2017
NEGATIVE ELECTRODE, NEGATIVE	SHINTAKU Yuta	(54) MANUFACTURING METHOD OF AN
ELECTRODE FOR LITHIUM-ION	FUJIEDA Yuka	ELECTROCHEMICAL DEVICE AND
BATTERY, AND LITHIUM-ION BATTERY	(31) 2015226275	ELECTROCHEMICAL DEVICE
(73) Arakawa Chemical Industries, Ltd.	(32) 19.11.2015	(73) Commissariat à l'Énergie Atomique et
(72) GODA, Hideki	(33) Japan	aux Énergies Alternatives
IKEYATSU, Katsuhiko	(51) H01M 8/18	(72) BAZIN, Arnaud
(31) 2020039573	H01M 8/02	OUKASSI, Sami
(32) 09.03.2020	H01M 8/0247	(31) 1658776
(33) Japan	H01M 8/24	(32) 19.09.2016
(51) H01M 4/62	(11) EP3528327	(33) France
H01M 4/133	(21) EP16918514.7	(51) H01M 10/0525
H01M 10/0525	(47) 19.07.2023	H01M 4/131
H01M 4/02	(87) JP2016080270	H01M 4/525
H01M 4/04	19.04.2018	H01M 4/62
(11) EP3883023	(22) 12.10.2016	H01M 4/02
(21) EP20880581.2	(54) BIPOLAR PLATE, CELL FRAME, CELL	(11) EP3550655
(47) 19.07.2023	STACK, AND REDOX FLOW CELL	(21) EP17875549.2
	(73) Sumitomo Electric Industries, Ltd.	(47) 19.07.2023

(87) KR2017013629 07.06.2018	(54) COMPOSITE ELECTROLYTE, SECONDARY BATTERY, BATTERY PACK, AND VEHICLE	SHIN, Eun-Gyu MUN, Jeong-O LEE, Jung-Hoon
(22) 28.11.2017		
(54) LITHIUM SECONDARY BATTERY	(73) KABUSHIKI KAISHA TOSHIBA	(31) 20170045417
(73) Samsung SDI Co., Ltd.	(72) Yoshima, Kazuomi	(32) 07.04.2017
(72) KIM, Dongjin	Harada, Yasuhiro	(33) Korea (Republic)
WON, Jungyeon	Takami, Norio	(51) H01M 10/655
LEE, Kunwoo	(31) 2017054667	H01M 10/6556
PARK, Dohyung	(32) 21.03.2017	H01M 10/659
KIM, Eun Jung	(33) Japan	H01M 10/647
CHA, Jungwook	(51) H01M 10/42	H01M 10/613
(31) 20160160665	G01K 7/02	H01M 10/04
(32) 29.11.2016	G01L 19/06	H01M 10/615
(33) Korea (Republic)	H01M 10/04	H01M 10/6555
(51) H01M 10/0525	(11) EP3780247	H01M 10/6563
H01M 50/403	(21) EP19893591.8	H01M 10/6557
H01M 50/443	(47) 19.07.2023	(11) EP3654445
H01M 50/446	(87) KR2019016462	(21) EP19738430.8
H01M 50/457	11.06.2020	(47) 19.07.2023
(11) EP4071873	(22) 27.11.2019	(87) KR2019000228
(21) EP22164042.8	(54) INTERNAL PRESSURE MEASURING JIG FOR CYLINDRICAL BATTERY CELL	18.07.2019
(47) 19.07.2023	(73) LG Energy Solution, Ltd.	(22) 07.01.2019
(22) 24.03.2022	(72) CHOI, Byung Hyuk	(54) BATTERY MODULE
(54) SEPARATOR AND LITHIUM BATTERY INCLUDING SEPARATOR	LEE, Myung An	(73) LG Energy Solution, Ltd.
(73) Samsung SDI Co., Ltd.	KIM, Jung Hoon	(72) KWON, Dong Keun
(72) Kim, Jinyoung	LEE, Ik Jong	SONG, Yee Gahng
Seo, Dongwan	SUNG, Joo Hwan	(31) 20180002910
Choi, Hyeonsun	(31) 20180153835	(32) 09.01.2018
(31) 20210039489	(32) 03.12.2018	(33) Korea (Republic)
(32) 26.03.2021	(33) Korea (Republic)	(51) H01M 10/6554
(33) Korea (Republic)	(51) H01M 10/42	H01M 10/42
(51) H01M 10/0525	G01N 23/20025	H01M 10/613
H01M 50/417	G01N 23/205	H01M 10/653
H01M 50/431	H01M 10/48	H01M 10/6551
H01M 50/434	(11) EP3805743	H01M 50/20
H01M 50/443	(21) EP20799321.3	H01M 50/581
H01M 50/446	(47) 19.07.2023	(11) EP3890054
(11) EP3316345	(87) KR2020002712	(21) EP20167103.9
(21) EP16817476.1	05.11.2020	(47) 19.07.2023
(47) 19.07.2023	(22) 26.02.2020	(22) 31.03.2020
(87) JP2016003127	(54) BATTERY MEASUREMENT APPARATUS USING X-RAYS	(54) A BATTERY SYSTEM AND A VEHICLE INCLUDING AT LEAST ONE BATTERY SYSTEM
05.01.2017	(73) LG Energy Solution, Ltd.	(73) Samsung SDI Co., Ltd.
(22) 29.06.2016	(72) KIM, So Young	(72) Erhart, Michael
(54) COMPOSITION FOR SECONDARY BATTERY POROUS MEMBRANE, POROUS MEMBRANE FOR SECONDARY BATTERY, AND SECONDARY BATTERY	KOO, Japil	Reinprecht, Wolfgang
(73) Zeon Corporation	(31) 20190172991	Maxl, Florian
(72) TOYODA, Yujiro	20190050425	(51) H01M 10/6566
YASUDA, Naohiro	(32) 23.12.2019	H01M 10/613
(31) 2015130209	30.04.2019	H01M 10/6235
(32) 29.06.2015	(33) Korea (Republic)	H01M 10/6556
(33) Japan	Korea (Republic)	H01M 10/6562
(51) H01M 10/056	(51) H01M 10/48	H01M 10/6563
H01M 50/209	B60L 50/64	H01M 50/213
H01M 50/211	H01M 50/211	H01M 50/24
H01M 50/434	H01M 50/503	H01M 50/247
H01M 50/437	H01M 50/517	H01M 50/367
H01M 50/497	(11) EP3576179	(11) EP3823082
H01M 50/443	(21) EP18780302.8	(21) EP19928306.0
H01M 10/0565	(47) 19.07.2023	(47) 19.07.2023
H01M 10/0567	(87) KR2018003924	(87) JP2019039154
(11) EP3379599	11.10.2018	08.04.2021
(21) EP17188759.9	(22) 03.04.2018	(22) 03.10.2019
(47) 19.07.2023	(54) BATTERY MODULE, AND BATTERY PACK AND VEHICLE COMPRISING SAME	(54) BATTERY MODULE, ELECTRIC POWER UNIT, AND WORK MACHINE
(22) 31.08.2017	(73) LG Energy Solution, Ltd.	(73) Honda Motor Co., Ltd.
	(72) JEONG, Byoung-Cheon	(72) SUEYOSHI, Shunichiro
		NAGATANI, Shuji

MURAOKA, Keisuke	(87) EP2020071396	201816046855
(51) H01M 50/153	04.02.2021	201816046747
H01M 50/159	(22) 29.07.2020	201816046709
H01M 50/169	(54) BATTERY COOLING MODULE AND	201816046671
H01M 50/109	DEVICE, AND CORRESPONDING	201816046883
H01M 50/119	BATTERY	201816046727
H01M 50/148	(73) Sogefi Air & Cooling	201862679648 P
H01M 50/164	(72) BECKER, Nicolas	201862659929 P
H01M 50/181	LANGOT, Maxime	201862660157 P
H01M 50/188	MEYER, Dominique	201762599958 P
H01M 10/04	SCHUB, Arnaud	201762538622 P
H01M 10/058	(31) 1908679	(32) 26.07.2018
H01M 10/0525	(32) 30.07.2019	26.07.2018
H01M 10/0587	(33) France	26.07.2018
H01M 50/56	(51) H01M 50/209	26.07.2018
(11) EP4024574	H01M 50/204	26.07.2018
(21) EP21178111.7	(11) EP3671896	26.07.2018
(47) 19.07.2023	(21) EP19810028.1	26.07.2018
(22) 08.06.2021	(47) 19.07.2023	26.07.2018
(54) LASER WELDED LITHIUM-ION	(87) KR2019002245	26.07.2018
BUTTON CELL BATTERY COMPRISING	05.12.2019	26.07.2018
A TOP PLATE	(22) 22.02.2019	26.07.2018
(73) Zhuhai Zhi Li Battery Co., Ltd.	(54) DEVICE AND METHOD FOR	26.07.2018
(72) WANG, Yi heng	MOUNTING BATTERY CELL	26.07.2018
YANG, Zui	(73) LG Energy Solution, Ltd.	26.07.2018
YANG, You qing	(72) MUN, Jeong-O	01.06.2018
WANG, Fang	KIM, Kyung-Mo	19.04.2018
SUN, Fajiong	CHI, Ho-June	19.04.2018
LI, Zhen	(31) 20180061625	18.12.2017
(31) 202110071081	(32) 30.05.2018	28.07.2017
202120026157 U	(33) Korea (Republic)	(33) United States of America
202011594168	(51) H01M 50/209	United States of America
202117206114	H01M 50/284	United States of America
(32) 19.01.2021	H01M 50/296	United States of America
06.01.2021	H01M 50/569	United States of America
29.12.2020	H01M 10/42	United States of America
18.03.2021	H01M 10/48	United States of America
(33) China	H01M 10/06	United States of America
China	H01M 50/15	United States of America
China	G01R 1/04	United States of America
United States of America	G01R 31/371	United States of America
(51) H01M 50/176	G01R 31/382	United States of America
H01M 50/188	H02J 7/00	United States of America
H01M 50/55	H02J 7/35	United States of America
H01M 50/553	(11) EP3659218	United States of America
(11) EP3486990	(21) EP18837887.1	United States of America
(21) EP17827802.4	(47) 19.07.2023	United States of America
(47) 19.07.2023	(87) US2018044232	United States of America
(87) KR2017005372	31.01.2019	United States of America
18.01.2018	(22) 27.07.2018	(51) H01M 50/24
(22) 24.05.2017	(54) WIRELESS ENABLED MONOBLOC	H01M 10/613
(54) RECHARGEABLE BATTERY	(73) Northstar Battery Company, LLC	H01M 10/625
(73) Samsung SDI Co., Ltd.	(72) KARNER, Don	H01M 10/647
(72) YONG, Jun-Sun	HOOKE, John	H01M 10/658
LEE, Jong-Ha	KROHN, Ulf	H01M 10/04
OH, Nayeon	SMITH, Doug	(11) EP3598564
(31) 20160088231	BURNS, Steve	(21) EP17900751.3
(32) 12.07.2016	LINDKVIST, Christer	(47) 19.07.2023
(33) Korea (Republic)	FLEMING, Frank	(87) CN2017109409
(51) H01M 50/20	HARRILL, Austin	20.09.2018
H01M 10/613	(31) 201816046777	(22) 03.11.2017
H01M 10/625	201816046791	(54) PASSIVE PROTECTION BATTERY
H01M 10/6554	201816046773	MODULE STRUCTURE AND
H01M 10/6556	201816046737	MANUFACTURING METHOD
H01M 10/6567	201816046792	THEREFOR
(11) EP4005008	201816046811	(73) Hefei Guoxuan High-Tech Power Energy
(21) EP20744079.3	201816046687	Co., Ltd.
(47) 19.07.2023	201816046774	(72) LU, Hengfei

XU, Bangnan	H01M 50/51	(47) 19.07.2023
WANG, Yong	(11) EP3193387	(87) FR2016051916
LIN, Zhihong	(21) EP15839654.9	16.02.2017
(31) 201710150039	(47) 19.07.2023	(22) 22.07.2016
(32) 14.03.2017	(87) KR2015008749	(54) SURFACE WAVE ANTENNA SYSTEM
(33) China	17.03.2016	(73) Université de Rennes 1
(51) H01M 50/358	(22) 21.08.2015	TDF
H01M 50/578	(54) BATTERY CELL INTERCONNECTING	(72) PALUD, Sébastien
H01M 50/553	AND VOLTAGE SENSING ASSEMBLY,	COLOMBEL, Franck
(11) EP3514848	AND BATTERY MODULE	AVRILLON, Stéphane
(21) EP18184741.9	(73) LG Energy Solution, Ltd.	BELLEC, Mathilde
(47) 19.07.2023	(72) AXLER, Mark W.	JEZEQUEL, Pierre-Yves
(22) 20.07.2018	MERRIMAN, Robert	(31) 1557655
(54) SECONDARY BATTERY TOP COVER	YANG, Heekook	(32) 10.08.2015
ASSEMBLY, SECONDARY BATTERY	SMITH, Alexander Jeffrey	(33) France
AND VEHICLE	GARASCIA, Michael P.	(51) H01Q 1/08
(73) Contemporary Amperex Technology Co.,	(31) 201414480666	H01Q 1/52
Limited	(32) 09.09.2014	H01Q 11/10
(72) XING, Chengyou	(33) United States of America	H01Q 21/24
(31) 201810051375	(51) H01M 50/507	(11) EP3175509
(32) 18.01.2018	H01M 50/503	(21) EP15745187.3
(33) China	H01M 50/271	(47) 19.07.2023
(51) H01M 50/414	H01M 50/209	(87) EP2015067490
H01M 10/0525	H01M 50/30	04.02.2016
H01M 50/42	(11) EP3644408	(22) 30.07.2015
H01M 50/443	(21) EP18202761.5	(54) LOG-PERIODIC ANTENNA WITH WIDE
H01M 50/46	(47) 19.07.2023	FREQUENCY BAND
C09D 7/61	(22) 26.10.2018	(73) Commissariat à l'Energie Atomique et
H01M 50/446	(54) BATTERY MODULE	aux Énergies Alternatives
H01M 50/449	(73) Samsung SDI Co., Ltd.	(72) HIMDI, Mohamed
H01M 50/451	(72) Weinberger, Martin	COLOMBEL, Franck
C08J 7/04	Killmann, Jörg	CHAULOUX, Antoine
C08J 7/043	Kraker, Martin	(31) 1457419
H01M 50/403	Blaznik, Matic	(32) 31.07.2014
H01M 50/406	(51) H01P 1/17	(33) France
H01M 50/417	H01Q 1/28	(51) H01Q 1/22
H01M 50/423	H01Q 11/08	H01Q 3/26
H01M 50/426	H01Q 13/02	H01Q 21/06
H01M 10/052	H01Q 13/06	(11) EP4000129
(11) EP3627587	(11) EP3893324	(21) EP20833991.1
(21) EP18802181.0	(21) EP20168655.7	(47) 19.07.2023
(47) 19.07.2023	(47) 19.07.2023	(87) US2020055294
(87) KR2018005568	(22) 08.04.2020	22.04.2021
22.11.2018	(54) A WAVEGUIDE POLARIZER AND A	(22) 12.10.2020
(22) 15.05.2018	CIRCULARLY POLARIZED ANTENNA	(54) ANTENNA APPARATUS WITH
(54) SEPARATOR FOR SECONDARY	(73) RUAG Space AB	INTEGRATED ANTENNA ARRAY
BATTERY AND LITHIUM SECONDARY	(72) ÖHGREN, Mikael	AND LOW LOSS MULTI-LAYER
BATTERY COMPRISING SAME	(51) H01P 5/12	INTERPOSER
(73) Samsung SDI Co., Ltd.	(11) EP3734750	(73) Viasat, Inc.
(72) KIM, Yangseob	(21) EP20171617.2	(72) LUNA, Joseph, J.
SEO, Dongwan	(47) 19.07.2023	FRANSON, Steven, J.
CHOI, Ickkyu	(22) 27.04.2020	(31) 201916655523
PARK, Sam-Jin	(54) COMBINER/DIVIDER HAVING	(32) 17.10.2019
PARK, Jungjoon	TAPERED WAVEGUIDES STACKED IN	(33) United States of America
PARK, Jinkyu	THEIR E-PLANES	(51) H01Q 1/24
KO, Changhong	(73) Werlatone, Inc.	H01Q 1/38
CHOI, Hyeonsun	(72) FOTI, Stephen J.	H01Q 1/36
(31) 20170061284	(31) 201916398129	H01Q 1/22
(32) 17.05.2017	(32) 29.04.2019	H01Q 9/04
(33) Korea (Republic)	(33) United States of America	H01Q 21/08
(51) H01M 50/507	(51) H01Q 1/04	H01Q 5/40
H01M 10/48	H01Q 1/46	H01Q 1/52
G01R 31/36	H01Q 9/36	(11) EP3859880
H01M 50/211	H01Q 9/46	(21) EP19867529.0
H01M 50/227	H01Q 5/15	(47) 19.07.2023
H01M 50/298	H01Q 5/371	(87) CN2019101512
H01M 50/514	(11) EP3335268	02.04.2020
H01M 50/569	(21) EP16753413.0	(22) 20.08.2019

(54) TERMINAL DEVICE	Park, Won Sang	(22) 04.03.2019
(73) VIVO MOBILE COMMUNICATION CO., LTD.	(31) 20190137292	(54) METHOD OF MANUFACTURING A CONDUCTOR ASSEMBLY WITH A CRIMPED TUBULAR FERRULE
(72) WANG, Yijin	(32) 31.10.2019	(73) Aptiv Technologies Limited
HUANG, Huanchu	(33) Korea (Republic)	(72) LEWIS, Ryan, D
JIAN, Xianjing	(51) H01Q 9/04	DEMONICA, Michael, Jerry
(31) 201811142574	H01Q 21/00	MCGARVEY, Shae, T
(32) 28.09.2018	H01Q 21/06	MESSURI, Michael, D
(33) China	(11) EP2831950	KROMPEGEL, Crystal, F
(51) H01Q 1/48	(21) EP13769373.5	(31) 201815935375
H01Q 5/307	(47) 19.07.2023	(32) 26.03.2018
H01Q 9/04	(87) AU2013000315	(33) United States of America
H01Q 9/30	03.10.2013	
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H01Q 5/378	(54) ENHANCED CONNECTED TILED ARRAY ANTENNA	(51) H01R 4/28
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(54) ANTENNA STRUCTURE AND TERMINAL DEVICE	(21) EP18836682.7	(87) SG2020050211
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H01Q 1/24	(73) Airbus Defence and Space GmbH	H01R 35/02
H01Q 1/22	(72) Haas, Catherine	(11) EP3761459
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(73) Samsung Display Co., Ltd.	H01R 4/18	(54) ROTARY CONNECTOR DEVICE
(72) KIM, Ki Seo	H01R 43/048	(73) Furukawa Automotive Systems Inc.
You, Bong Hyun	H01R 9/05	FURUKAWA ELECTRIC CO., LTD.
Kim, Jae-Young	H01R 43/058	(72) NAMBU Shingo
	B21D 39/04	FUJIMOTO Kazuki
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(33) Japan Japan	(54) ROTATING DEVICE AND ROTATING RADAR DEVICE	(72) SATHIAN, Juna ALFORD, Neil KAY, Chris SALVADORI, Enrico BREEZE, Jonathan
(51) H01R 13/70 H01R 13/713 H02H 11/00 H02H 3/17 H02H 3/33 B60P 3/20 H02H 3/04 G01R 31/69	(73) SHENZHEN 3IROBOTIX CO., LTD. (72) YANG, Yong GONG, Haitao GAO, Ting	(31) 201712187 (32) 28.07.2017 (33) United Kingdom
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(22) 28.09.2018 (54) CONNECTOR SYSTEM (73) TE Connectivity Corporation (72) THACKSTON, Kevin Michael MULFINGER, Robert Neil MILLER, Keith Edwin	(51) H01R 43/16 H01R 43/20 H01R 13/703 H01R 31/08	(73) Hamamatsu Photonics K.K. (72) UEDA, Kenichi IYAMA, Koichi KAWASHIMA, Toshiyuki SEKINE, Takashi KATO, Yoshinori
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Lasri, Jacob	(47) 19.07.2023	(73) STANLEY ELECTRIC CO., LTD.
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F21K 99/00	(73) GM Cruise Holdings LLC	(51) H02B 1/28
G03B 21/20	(72) ILCHENKO, Vladimir	H02B 1/46
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H01S 5/40	MALEKI, Lutfoallah	(21) EP19735258.6
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(72) Matsuo, Hidenori	H01S 5/22	(72) ARNHOLD, Thorsten
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Japan	REBOUD, Vincent	H02G 3/38
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(54) METHOD FOR MANUFACTURING A SEMICONDUCTOR DIODE BY DRY AND WET ETCHING	H01S 5/22	(72) MATSUYAMA, Hiroki
(73) Commissariat à l'énergie atomique et aux énergies alternatives	(11) EP4016763	TANAKA, Yuji
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(73) OpenLight Photonics, Inc.	H01S 5/042	(72) ENZLER, Philipp
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H02G 15/013	G01R 31/327	(22) 13.05.2020
H02G 15/076	H02H 3/05	(54) SYSTEM COMPRISING AT LEAST TWO
(11) EP3796497	(11) EP3975361	LOADS WHICH ARE CONNECTED
(21) EP20195462.5	(21) EP20199050.4	TO A COMMON FEED LINE AND CAN
(47) 19.07.2023	(47) 19.07.2023	BE SWITCHED OFF SELECTIVELY,
(22) 10.09.2020	(22) 29.09.2020	AND USE OF AT LEAST ONE
(54) COMMUNICATION MODULE AND	(54) TESTING DEVICE, OVERCURRENT	INTERRUPTER SWITCHING ELEMENT
INVERTER	PROTECTOR, AND METHOD OF	WITH AN EXTERNALLY ACTIVATABLE
(73) Sungrow Power Supply Co., Ltd.	TESTING AN OVERCURRENT	IGNITION DEVICE FOR SAFELY
(72) GAO, Xiang	PROTECTOR	SEPARATING A LOAD FROM AN
HU, Konghong	(73) Aptiv Technologies Limited	ELECTRIC GRID FEEDING THE LOAD
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H02G 15/00	H02H 3/05	H02H 3/33
G01D 11/24	H02P 29/024	H02H 3/347
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E21B 33/038	(21) EP20704924.8	(11) EP3780304
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H01R 13/52	(22) 20.02.2020	(54) HANDLING OF EARTH FAULTS IN
G01K 1/14	(54) METHOD AND APPARATUS FOR	HIGH IMPEDANCE GROUNDED
G01K 7/16	PROTECTING AN ELECTRICAL LOAD	POWER SYSTEMS
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CONNECTION ASSEMBLY, SENSOR	H02H 3/44	(21) EP21202843.5
ASSEMBLY AND SUBSEA CABLE	H02H 7/00	(47) 19.07.2023
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(73) Siemens Energy AS	H02H 7/22	(54) CURRENT LIMITING CIRCUIT FOR
(72) EASTOE, Andrew Robert	H02H 3/05	POWER SUPPLY
KNUTSSON, Hans	H02H 7/08	(73) Tridonic GmbH & Co. KG
HAUGLAND, Bjoern-Aksel	H02H 7/085	(72) Hauer, Lukas
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(47) 19.07.2023	(54) METHOD AND APPARATUS FOR	13.02.2017
(22) 13.05.2015	CONTROLLING A POWER SUPPLY TO	(33) Austria
(54) COVER ASSEMBLY AND METHOD	AN ELECTRICAL MOTOR	Austria
FOR COVERING ELECTRICAL CABLES	(73) Future Systems Besitz GmbH	Germany
AND CONNECTION		<hr/>

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(54) ELECTRONIC DEVICE	(54) METHOD AND WIND TURBINE	(22) 04.11.2020
CONFIGURATION	FOR DAMPING LOW FREQUENCY	(54) AC CHARGING CONTROL
(73) Eaton Intelligent Power Limited	VIBRATIONS IN AN ELECTRICAL	(73) BrightCharger Europe Oy Ltd
(72) PARFITT, John Stewart	SUPPLY GRID	(72) Tiainen, Harri
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(22) 13.03.2014	(21) EP20721203.6	(47) 19.07.2023
(54) METHOD AND APPARATUS FOR	(47) 19.07.2023	(87) US2019062852
STORING AND DEPLETING ENERGY	(87) EP2020061265	23.07.2020
(73) Solaredge Technologies Ltd.	28.10.2021	(22) 22.11.2019
(72) Gazit, Meir	(22) 23.04.2020	(54) INTEGRATED CHARGER AND MOTOR
(31) 201313803212	(54) POWER SUPPORTING	CONTROL SYSTEM ISOLATED BY
(32) 14.03.2013	ARRANGEMENT FOR A POWER	MOTOR
(33) United States of America	GRID OPERATED AS A VIRTUAL	(73) Huawei Digital Power Technologies Co.,
(51) H02J 3/14	SYNCHRONOUS MACHINE	Ltd.
H02J 3/32	(73) Hitachi Energy Switzerland AG	(72) SU, Feng
H02J 7/35	(72) HASLER, Jean-Philippe	LIU, Weiping
H02J 13/00	SOONG, Theodore	ZHU, Huibin
G06Q 50/06	(51) H02J 3/36	DAI, Heping
(11) EP3871178	H02J 3/38	WANG, Shaohua
(21) EP19794477.0	H02M 7/483	LIANG, Yongtao
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(54) COMPUTER-IMPLEMENTED METHOD	17.07.2014	(47) 19.07.2023
FOR DECENTRALISED CONTROL OF	(22) 06.01.2014	(22) 05.10.2011
A POWER NETWORK	(54) TURBINE-BASED ENERGY	(54) Wireless charging and communication
(73) Murrell AG	GENERATION SYSTEM WITH DC	with power source devices and power
(72) DANUSER, Andreas	OUTPUT	charge devices in a communication
(31) 12922018	(73) ABB Schweiz AG	system
(32) 23.10.2018	(72) PAN, Jiuping	(73) BlackBerry Limited
(33) Switzerland	LINDER, Stefan	(72) Eaton, Eric Thomas
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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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Landrock, Peter	Dietz, Martin	(72) DEGOUTTE, Cédric
(74) ir. H.A. Witmans c.s.	Multrus, Markus	DECROUX, Philippe
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VB1**Rechten waarvoor een verzoek of bezwaarschrift is ingediend conform Octrooiwet 1995 en de Algemene Wet Bestuursrecht.****Contains data concerning requests and notices of opposition under the General administrative law.**

(11) EP1902886	(00) 37/22
(51) B60J 7/16	14.09.2022
(00) 12.07.2023	(11) EP3775125
(00) 2011/10	(51) C11D 1/825
09.03.2011	C11D 1/83
(00) Restoration of rights	C11D 1/94
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(11) EP2970644	A61Q 19/10
(51) C08L 23/08	C11D 1/66
C08J 5/18	(00) 39/22
(00) 37/22	28.09.2022
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(11) EP3240655	(51) B29C 49/48
(51) B24D 3/02	B29L 31/00
B24D 3/06	B29C 49/06
B24D 3/20	B29C 49/36
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(51) C08G 65/40	(51) F04C 29/12
H01B 3/42	(00) 37/22
H01B 13/08	14.09.2022
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(51) A61K 39/12	14.09.2022
A61K 39/39	(11) EP3968921
(00) 37/22	(51) A61F 13/00
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F16B 7/04	
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H05B 6/68	
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VB2

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

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(11) 1043326	(00) 13/21 31.03.2021
(51) A23F 5/40	(11) EP3516011
A23L 29/20	(51) C10B 21/00
(00) 13/23	C10B 21/18
29.03.2023	C10B 25/22
(00) 18.07.2023	C10B 53/02
(00) Positive	(00) 36/21
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(51) A61K 31/402	(11) EP3574146
A61K 31/4704	(51) E01F 7/04
A61P 11/00	(11) EP3580796
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B05D 1/40	H01M 10/0525
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C08J 3/20	
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C10G 70/02	

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(11) 2034931
(00) 13.07.2023
(51) C12Q 1/689
C12Q 1/6851

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(51) A61P 3/00
A61P 7/00
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A61P 43/00
C07K 16/40
A61P 3/06
A61K 39/395
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C09C 1/50
C09C 1/52
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C08K 3/04
C09D 11/037
C09D 11/324

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F26B 21/10
B02C 23/30
B02C 23/34
C10B 57/10

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(51) A24C 5/32
A24C 5/33
H02J 50/10

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(51) A61K 45/06
A61K 31/216
A61K 31/41
A61K 31/506
A61K 31/519
A61P 9/00
A61P 3/14
A61P 7/02
A61P 7/10
A61P 9/04
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A61P 3/06

VRV

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Contains data concerning lapse or annulment.**

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(00) 15.03.2023	(00) 15.03.2023	
(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3995776	(11) EP4033263	
(00) 15.03.2023	(00) 15.03.2023	
(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3996633	(11) EP4037640	
(00) 15.03.2023	(00) 15.03.2023	
(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3996918	(11) EP4043379	
(00) 15.03.2023	(00) 15.03.2023	
(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3998010	(11) EP4047500	
(00) 15.03.2023	(00) 15.03.2023	

VRB

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

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) Redexim B.V.	(51) A61K 9/08	G06F 3/08
(73) Redexim B.V.	A61K 31/194	G06F 13/10
(11) 1027096	A61K 47/36	G06K 19/07
(00) 06.07.2023	A61P 27/02	G11C 8/20
(51) A01B 11/00	(00) Change of Legal Entity	(00) Change of Legal Entity
A01B 45/02	(71) Kinex Pharmaceuticals, Inc.	(71) Redexim B.V.
(00) Change of owner(s) name	(73) ATNX SPV, LLC	(73) Redexim B.V.
(71) Redexim B.V.	(11) EP2041071	(11) EP2087176
(73) Redexim B.V.	(00) 11.07.2023	(00) 06.07.2023
(11) 1028670	(51) A61K 31/444	(51) E01H 1/08
(00) 06.07.2023	A61P 35/00	(00) Change of owner(s) name
(51) A01B 45/02	C07C 233/00	(71) HUTCHMED Limited
(00) Change of owner(s) name	C07D 213/52	(73) HUTCHMED Limited
(71) Redexim B.V.	C07D 213/56	(11) EP2297115
(73) Redexim B.V.	C07D 213/89	(00) 10.07.2023
(11) 1031747	C07D 401/04	(51) A61K 31/4709
(00) 06.07.2023	C07D 401/12	A61K 31/517
(51) A01B 45/02	C07D 401/14	A61P 29/00
(00) Change of owner(s) name	C07D 403/12	A61P 35/00
(71) Redexim B.V.	(00) Change of Legal Entity	C07D 405/12
(73) Redexim B.V.	(71) Athenex, Inc.	(00) Assignment
(11) 1032885	(73) ATNX SPV, LLC	(71) HUTCHMED Holdings Enterprises Limited
(00) 06.07.2023	(11) EP2041071	(73) HUTCHMED Limited
(51) E01H 1/08	(00) 11.07.2023	(11) EP2297115
(00) Change of owner(s) name	(51) A61K 31/444	(00) 10.07.2023
(71) Redexim B.V.	A61P 35/00	(51) A61K 31/4709
(73) Redexim B.V.	C07C 233/00	A61K 31/517
(11) 2003994	C07D 213/52	A61P 29/00
(00) 06.07.2023	C07D 213/56	A61P 35/00
(51) E01H 1/08	C07D 213/89	C07D 405/12
(00) Change of owner(s) name	C07D 401/04	(00) Change of owner(s) name
(71) Redexim B.V.	C07D 401/12	(71) Redexim B.V.
(73) Redexim B.V.	C07D 401/14	(73) Redexim B.V.
(11) 2009729	C07D 403/12	(11) EP2916640
(00) 06.07.2023	(00) Change of owner(s) name	(00) 06.07.2023
(51) A01B 33/14	(71) Redexim B.V.	(51) A01B 33/08
(00) Change of owner(s) name	(73) Redexim B.V.	A01B 45/02
(71) Redexim B.V.	(11) EP1852006	(00) Change of owner(s) name
(73) Redexim B.V.	(00) 06.07.2023	(71) Redexim B.V.
(11) 2009765	(51) A01B 45/02	(73) Redexim B.V.
(00) 06.07.2023	(00) Change of owner(s) name	(11) EP2914082
(51) A01B 33/08	(71) ATNX SPV, LLC	(00) 06.07.2023
A01B 45/02	(73) ATNX SPV, LLC	(51) A01B 33/14
(00) Change of owner(s) name	(11) EP2041071	(00) Change of owner(s) name
(71) Redexim B.V.	(00) 11.07.2023	(71) SIBLINGS. s.p.a
(73) Redexim B.V.	(51) A61K 31/444	(73) AWM SRL
(11) 2012704	A61P 35/00	(11) EP2919928
(00) 06.07.2023	C07C 233/00	(00) 10.07.2023
(51) A01B 33/14	C07D 213/52	(51) B21D 11/12
(00) Change of owner(s) name	C07D 213/56	B21F 27/14
(71) SanDisk Technologies LLC	C07D 213/89	(00) Change of owner(s) name
(73) SanDisk Technologies LLC	C07D 401/04	(71) AWM SRL
(11) EP1861761	C07D 401/12	(73) AWM SRL
(00) 07.07.2023	C07D 401/14	(11) EP2919928
(51) G06C 13/00	C07D 403/12	(00) 10.07.2023
(00) Change of Legal Entity	(00) Assignment	(51) B21D 11/12
(71) URSAPHARM Arzneimittel GmbH	(71) SanDisk Technologies LLC	B21F 27/14
(73) URSAPHARM Arzneimittel GmbH	(73) SanDisk Technologies LLC	(00) Demerger
(11) EP1948131	(11) EP2105829	(71) NEXAT SA
(00) 11.07.2023	(00) 07.07.2023	(73) NEXAT SA
	(51) G06F 3/06	

(11) 2024538	C03B 23/20	A61P 31/12
(00) 06.07.2023	(00) Assignment	A61P 35/00
(51) H04B 7/185	(71) XETTO Holding AG	A61P 39/06
(00) Change of owner(s) name	(73) XETTO Holding AG	A61P 43/00
(71) Overseas Pharmaceuticals, Ltd.	(11) EP3160892	(00) Assignment
(73) Overseas Pharmaceuticals, Ltd.	(00) 07.07.2023	(71) R3Vox Ltd.
(11) EP3087980	(51) B62B 3/02	(73) R3Vox Ltd.
(00) 07.07.2023	B62B 3/04	(11) EP3449280
(51) A61K 9/20	B62B 5/00	(00) 28.06.2023
A61K 9/24	B66F 7/06	(51) G01S 15/89
(00) Assignment	B66F 9/075	G01S 7/52
(71) Redexim B.V.	(00) Assignment	G01S 7/533
(73) Redexim B.V.	(71) Scientific Games, LLC	G01S 7/534
(11) EP3392410	(73) Scientific Games, LLC	G01S 15/32
(00) 06.07.2023	(11) EP3389802	(00) Assignment
(51) E01H 1/08	(00) 11.07.2023	
(00) Change of owner(s) name	(51) A63F 3/06	
(71) XETTO Holding AG	B42D 15/02	
(73) XETTO Holding AG	(00) Assignment	
(11) EP2994410	(71) Hutchmed Limited	
(00) 07.07.2023	(73) Hutchmed Limited	
(51) B62B 5/00	(11) EP3191475	
B66F 7/06	(00) 10.07.2023	
B66F 9/065	(51) A61K 31/517	
B66F 9/075	A61P 19/02	
B66F 9/12	A61P 27/02	
B66F 9/24	A61P 29/00	
B66F 17/00	A61P 35/00	
(00) Assignment	A61P 35/02	
(71) RUBIO METABOLOMICS, S.L.U.	C07D 405/12	
(73) RUBIO METABOLOMICS, S.L.U.	(00) Change of owner(s) name	
(11) EP3482213	(71) Technip Energies France	
(00) 11.07.2023	(73) Technip Energies France	
(51) G01N 33/92	(11) EP3394251	
(00) Assignment	(00) 07.07.2023	
(71) HANGZHOU YUZHONG	(51) C12N 9/02	
BIOTECHNOLOGY CO., LTD.	C12N 9/04	
(73) HANGZHOU YUZHONG	C12N 1/16	
BIOTECHNOLOGY CO., LTD.	C12P 7/46	
(11) 2028912	(00) Assignment	
(00) 10.07.2023	(71) AtriCure, Inc.	
(51) C07K 14/47	(73) AtriCure, Inc.	
A61P 35/00	(11) EP3603539	
A61K 38/00	(00) 07.07.2023	
(00) Assignment	(51) A61B 17/12	
(71) Scientific Games, LLC	(00) Assignment	
(73) Scientific Games, LLC	(71) Treamid Therapeutics GmbH	
(11) EP3564908	Ltd. "Valenta-Intellekt"	
(00) 11.07.2023	Vladimir Evgenievich Nebolsin	
(51) G07B 7/00	(73) Ltd. "Valenta-Intellekt"	
G07F 17/32	Treamid Therapeutics GmbH	
G07F 17/42	Vladimir Evgenievich Nebolsin	
(00) Assignment	(11) EP2985284	
(71) Redexim B.V.	(00) 07.07.2023	
(73) Redexim B.V.	(51) C07D 403/12	
(11) EP2516750	C07D 417/12	
(00) 06.07.2023	A61K 31/4178	
(51) E01H 1/08	A61K 31/4184	
(00) Change of owner(s) name	A61K 31/427	
(71) LightFab GmbH	A61K 31/428	
(73) LightFab GmbH	A61P 1/16	
(11) EP2915785	A61P 3/10	
(00) 11.07.2023	A61P 7/06	
(51) C03C 27/00	A61P 9/00	
C03C 27/02	A61P 25/28	
C04B 37/04	A61P 25/32	
H01L 21/20	A61P 31/00	

TVH

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

UP1

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

(11) EP3638728	(11) EP3999284	(11) EP3754112
(11) EP3642107	(11) EP3918177	(11) EP3772521
(11) EP3732596	(11) EP3990048	(11) EP3782507
(11) EP3645073	(11) EP3981945	(11) EP3797964
(11) EP3696847	(11) EP4021985	(11) EP3628788
(11) EP3872907	(11) EP4003903	(11) EP3805340
(11) EP3570517	(11) EP3037886	(11) EP3819167
(11) EP3591821	(11) EP2382145	(11) EP3643839
(11) EP3617134	(11) EP2506796	(11) EP3320189
(11) EP3599521	(11) EP3169270	(11) EP3268324
(11) EP3616735	(11) EP2638418	(11) EP3344940
(11) EP3822428	(11) EP3194305	(11) EP3399045
(11) EP3784635	(11) EP2819778	(11) EP3375947
(11) EP3764889	(11) EP2794054	(11) EP3473822
(11) EP3759004	(11) EP3238020	(11) EP3426382
(11) EP3850358	(11) EP2817393	(11) EP3451828
(11) EP3809991	(11) EP2623020	(11) EP3642347
(11) EP3898396	(11) EP3308535	(11) EP3827803
(11) EP3894490	(11) EP3313558	(11) EP3750014
(11) EP3695942	(11) EP3295265	(11) EP3807617
(11) EP3885638	(11) EP2828643	(11) EP3829953
(11) EP3792019	(11) EP3356073	(11) EP3840914
(11) EP3836139	(11) EP3374975	(11) EP3867238
(11) EP3822569	(11) EP2809153	(11) EP3888161
(11) EP3839447	(11) EP2904388	(11) EP3695759
(11) EP3924157	(11) EP2806293	(11) EP3739305
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(11) EP3784686	(11) EP3395036	(11) EP3944071
(11) EP3942615	(11) EP3285057	(11) EP3786010
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(11) EP3781097	(11) EP3554972	(11) EP3526557
(11) EP3945783	(11) EP3484394	(11) EP3582656
(11) EP3990777	(11) EP3515644	(11) EP3484486
(11) EP4013728	(11) EP3523223	(11) EP3538317
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(11) EP3848985	(11) EP3604856	(11) EP3598153
(11) EP3958188	(11) EP3514768	(11) EP3363890
(11) EP3892496	(11) EP3453980	(11) EP3530610
(11) EP3901370	(11) EP3482887	(11) EP3348332
(11) EP3913038	(11) EP3004682	(11) EP3598713
(11) EP4102025	(11) EP3008553	(11) EP3439165
(11) EP3991550	(11) EP2905391	(11) EP3470221
(11) EP3965466	(11) EP3105165	(11) EP3769722
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(11) EP4134005	(11) EP3180865	(11) EP3593603
(11) EP3791825	(11) EP3218683	(11) EP3895884
(11) EP3530204	(11) EP3320789	(11) EP3929101
(11) EP3771026	(11) EP3501322	(11) EP3592601
(11) EP3613368	(11) EP3591357	(11) EP3602637
(11) EP3667244	(11) EP3709831	(11) EP3645870
(11) EP3788222	(11) EP3625748	(11) EP3981294
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(11) EP3552164	
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(11) EP3956480	
(11) EP3496719	
(11) EP3521356	
(11) EP3501412	
(11) EP3492023	
(11) EP4110870	
(11) EP3983193	
(11) EP3524304	
(11) EP3856477	
(11) EP3934889	
(11) EP3647979	
(11) EP3746739	

UP2

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

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

UP3

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

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

UP4

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

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

UP5

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

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

UP6

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

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