



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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ING 0705001296

Iban: NL41INGB070500129

BIC: INGBNL2A

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:

Patent Bulletin and Official Journal: free of charge in electronic form on the website of the Netherlands Patent Office.

Visiting address: **Netherlands Patent Office**

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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

187Heading SPC

Contains data concerning applications for- or granted Supplementary Protection Certificates.

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Rubriek VB1

Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.

188Heading VB1

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

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Rubriek VB2

Bevat gegevens betreffende rechten waarin een beslissing is genomen of waarvoor een nieuwheidsrapport is uitgegaan op een verzoek- of bezwaarschrift conform de Octrooiwet 1995.

189Heading VB2

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.

190Heading MED

Contains data concerning other communications.

190

Rubriek VRV

Bevat gegevens betreffende verval of nietigverklaring.

191Heading VRV

Contains data concerning lapse or annulment.

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Rubriek VRB

Bevat gegevens betreffende verbeteringen op eerdere publicaties.

209Heading VRB

Contains data concerning corrections on earlier publications.

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Rubriek CO

Bevat gegevens betreffende wijzigingen in het octrooiregister.

210Heading CO

Contains data concerning changes in the Netherland patent register.

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Rubriek TVH

Bevat gegevens betreffende topografieën van halfgeleiderproducten.

212Heading TVH

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

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Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking.		Contains data concerning European patents with registered Unitary Effect.	
Rubriek UP2	214	Heading UP2	214
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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.	
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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 octrooiën	(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) A01H 6/46 G01N 33/00	(54) URINE AND BODY LIQUID SAMPLE COLLECTION METHOD AND DEVICE FOR DIAGNOSTIC PURPOSES	(74) drs. A.A. Jilderda
(21) 2028933	(71) Capturin Holding B.V.	(72) Cornelis Johannes Maria van Rijn
(22) 06.08.2021	SCINT B.V.	Henri Joseph van Egmond
(54) A Method for Identifying High Yield and Low Greenhouse Gas Emission of Rice Varieties	(72) ir. Stephanus Franciscus Schilthuizen ing. Gregorius Maria Hubertus Goijarts	Stefanus Maria van der Vegte
(71) Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Sciences	(41) 17.02.2023	Tom Vincent Huijgen
(74) ir. A.E. Dekker-Garms	(51) A61F 13/00	(41) 17.02.2023
(72) Xiaobo Qin	A61F 13/10	(51) B01D 69/10
Yu'e Li	A61K 9/70	B01D 69/02
Yunfan Wan	A45D 31/00	B01D 69/14
Bin Wang	(21) 2028927	B01D 71/56
Yulin Liao	(22) 05.08.2021	B01D 69/12
Meirong Fan	(54) ARTIFICIAL NAIL FOR USE IN THE TREATMENT OF A NAIL DISEASE	B01D 71/68
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(51) A01N 1/02	(74) dr. ir. G.J.C. Verdijck c.s.	(21) 2032535
(21) 2028903	(72) Ronald van der Geest	(22) 18.07.2022
(22) 02.08.2021	Oscar van Loosbroek	(54) COMPOSITE NANOFILTRATION MEMBRANE AS WELL AS PREPARATION METHOD AND APPLICATION THEREOF
(54) Werkwijze en inrichting voor het vitrificeren van biologisch materiaal, zoals sperma	(41) 22.02.2023	(71) Institute of Energy Research, Jiangxi Academy of Sciences
(71) Bartel Marinus van den Berg	(51) A61J 17/00	(74) ir. M.B. Plaggenborg
(74) ir. B.J. 't Jong	(21) 1044110	(72) Shuanglin Gui
(72) Bartel Marinus van den Berg	(22) 04.08.2021	Jianquan Lou
(41) 17.02.2023	(54) Fopspeen voorzien ingericht voor het laten vibreren en/of heen en weer roteren van het zuigorgaan, weergave van muziek, en/of registratie van de temperatuur en/of zuigkracht van de baby en/of van door de baby voortgebrachte geluiden	Fei Han
(51) A22C 21/00	(71) Fabian Netjes	Jihai Xiong
(21) 2028907	(72) Fabian Netjes	Min Fan
(22) 03.08.2021	(41) 17.02.2023	Qinliang Jiang
(54) Method and device for processing a carcass-part of slaughtered poultry	(51) A61K 31/165	Yiwen Wang
(71) Meyn Food Processing Technology B.V.	A61K 9/10	(31) 202110894606.4
(74) mr. ir. J. van Breda c.s.	A61K 9/08	(32) 05.08.2021
(72) Ferdinand Allard de Vos	A61K 47/10	(33) China
Pieter Willem Vonk	(21) 2028937	(51) B01J 37/03
Michael George Laurentius Koopman	(22) 06.08.2021	B01J 37/08
Marcel Verhagen	(54) Colchicine solution	B01J 21/04
Jeroen Hermanus Wijten	(71) Pharma-Data S.A.	B01J 23/00
(41) 17.02.2023	(74) dr. T. Wittop Koning PhD	B01J 23/745
(51) A61B 5/00	(72) Yannis Psarrakis	B01J 35/00
D04B 1/00	Konstantinos Lioumis	B01J 37/02
(21) 2028936	(51) A61M 16/10	(21) 2030497
(22) 06.08.2021	A61M 25/00	(22) 11.01.2022
(54) Knitted strain sensor	A61M 11/00	(54) MAGNETIC NANO COMPOSITE MATERIAL, PREPARATION METHOD AND APPLICATION
(71) Technische Universiteit Delft	A61M 11/06	(71) Qingdao Agricultural University
(74) ir. A.R. Aalbers	A61M 16/08	(74) ir. W.J.J.M. Kempes
(72) Kaspar Maria Bonaventura Jansen	A61M 16/16	(72) Qinghua Yan
Beyza Bozali	A61M 16/12	Guocheng Liu
Joris Johannes Franciscus van Dam	(21) 2028916	Xiangting Hou
Linda Plaude	(22) 03.08.2021	Likun Jiang
(41) 17.02.2023	(54) Beademingsinrichting en een daarvoor bestemde beademingsset	Yanjun Xin
(51) A61B 10/00	(71) Medspray Humidification B.V.	(41) 22.02.2023
(21) 1044111		(31) 202110909807.7
(22) 05.08.2021		(32) 09.08.2021
		(33) China
		(51) B23B 49/00
		B23Q 17/22

(21) 2028941	B65B 59/02	(74) dr. ir. G.J.C. Verdijck c.s.
(22) 09.08.2021	B65B 31/00	(72) Colin McKinlay
(54) System for aiding a user in the positioning of a drilling machine, method of positioning a drilling machine, and an assembly of a drilling machine and a positioning device	(21) 2028905	(41) 21.02.2023
(71) Robert van der Vegte	(22) 02.08.2021	(31) 63/230,275
(74) mr. ir. J. van Breda c.s.	(54) Packing Case Packing Method, Packing Case Erecting Method, and Corresponding Apparatus	(32) 06.08.2021
(72) Robert van der Vegte	(71) BluePrint Holding B.V.	(33) United States of America
(41) 22.02.2023	(74) dr. R.C. van Duijvenbode c.s.	(51) C08J 11/14
(51) B28B 1/00	(72) Nicolaas Martin Prakken	(21) 2028900
B33Y 10/00	Theodorus Johannes Nicolaas Verweij	(22) 02.08.2021
B33Y 80/00	(41) 17.02.2023	(54) A METHOD OF CLOSED LOOP RECYCLING OF POLYLACTIC ACID
(21) 2032648	(51) B65B 9/073	(71) ARAPAHA B.V.
(22) 31.07.2022	B65B 41/16	(74) ir. P.J.P. Janssen
(54) Werkwijze voor het vervaardigen van een bouwmodule door middel van 3D-betonprinten	B65B 57/04	(72) Johan Albert Frans Kunst
(71) CyBe Construction BV	B65H 23/04	Jorn Ekkehart Behage
(74) ir. G.J.M. Verhees	B65H 23/18	Jan Jager
(72) Lambertus Nicolaas Hendriks	(21) 2028931	Marco Brons
(31) 2028922	(22) 05.08.2021	(41) 17.02.2023
(32) 04.08.2021	(54) Packaging device and method for packaging discrete medicaments in pouches	(51) C12Q 1/6883
(33) Netherlands	(71) VMI Holland B.V.	(21) 2030975
(51) B29C 70/44	(74) dr. R.C. van Duijvenbode c.s.	(22) 16.02.2022
(21) 2028918	(72) Cornelis Jan Jochemsen	(54) PRIMER PROBE SET AND KIT FOR RT-PCR DETECTION OF HUMAN LEUKOTRIENE RECEPTOR CYSLTR2 MRNA
(22) 04.08.2021	Aalf Wijnia	(71) Hangzhou Zheda Dixun Biological Gene Engineering Co., Ltd.
(54) ASSEMBLY AND METHOD FOR MANUFACTURING COMPOSITE TUBULARS	Robert Ernst Onderdelinden	(74) ir. M.B. Plaggenborg
(71) Itrec B.V.	(41) 17.02.2023	(72) Xukai Yang
(74) ir. J.C. Volmer c.s.	(51) B65D 6/24	Shandong Wu
(72) Pieter Dirk Melis van Duivendijk	B65D 21/02	Xuehan Jiang
Nicolaas Thijs Pieter Max	(21) 2028929	Zhoujie Wu
(41) 17.02.2023	(22) 05.08.2021	Yi Liu
(51) B60D 1/64	(54) Verpakking	Lei Qian
B60T 17/04	(71) Fortuna Beheer B.V.	Shidan Li
B62D 53/12	(74) drs. A.A. Jilderda	(41) 21.02.2023
F16L 37/00	(72) Erwin Johanna Maria van Limpt	(31) 202110891433.0
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(21) 2028921	(51) C03C 3/068	(33) China
(22) 04.08.2021	C03C 3/155	(51) C12Q 1/6883
(54) Pneumatische koppelinrichting en vrachtwagencombinatie alsmede een combinatiedeel voorzien daarvan	(21) 2029053	(21) 2030977
(71) BravoTech Holding B.V.	(22) 25.08.2021	(22) 16.02.2022
(74) drs. A.A. Jilderda	(54) Borate and Silicoborate Optical Glasses with High Refractive Index and Low Liquidus Temperature	(54) REAGENT FOR DETECTING EXPRESSION LEVEL OF HUMAN HISTAMINE RECEPTOR HRH4 MRNA, KIT AND USE
(72) Wilhelmus Hubertus Joseph Brandts	(71) Corning Incorporated	(71) Hangzhou Zheda Dixun Biological Gene Engineering Co., Ltd.
Amanda Margaret Hubertine Brandts	(74) dr. ir. G.J.C. Verdijck c.s.	(74) ir. M.B. Plaggenborg
Gerardus Bernardus Eduard Vos	(72) Antoine Marie Joseph Lepicard	(72) Xuehan Jiang
(41) 17.02.2023	Jian Luo	Weiyue Cai
(51) B62M 9/14	Alexander I Priven	Yi Liu
B62M 9/16	(41) 17.02.2023	Zhoujie Wu
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B62M 25/08	(32) 03.08.2021	Shandong Wu
(21) 2028904	(33) United States of America	Xukai Yang
(22) 02.08.2021	(51) C07K 7/06	(41) 22.02.2023
(54) A transmission system for a bicycle	C12N 15/87	(31) 202110890787.3
(71) Classified Cycling BV	C12N 15/88	(32) 04.08.2021
(74) ir. H.A. Witmans c.s.	A61K 47/54	(33) China
(72) Roëll Marie van Druten	A61K 47/62	(51) C12Q 1/6883
(41) 17.02.2023	A61K 48/00	(21) 2030978
(51) B65B 5/02	A61P 35/00	(22) 16.02.2022
B65B 5/10	C07K 19/00	(54) PRIMER PROBE SET FOR HUMAN HISTAMINE RECEPTOR HRH1 MRNA DETECTION, KIT AND USE
B65B 57/12	A61P 31/14	(71) Hangzhou Zheda Dixun Biological Gene Engineering Co., Ltd.
B65B 59/00	(21) 2029057	
	(22) 26.08.2021	
	(54) COMPOSITIONS COMPRISING HYDROXYETHYL-CAPPED CATIONIC PEPTOIDS	
	(71) Nutcracker Therapeutics, Inc.	

(74) ir. M.B. Plaggenborg	Xuehan Jiang	(22) 03.08.2021
(72) Xukai Yang	(31) 202110890788.8	(54) SUSPENDED SYSTEM FOR
Zhoujie Wu	(32) 04.08.2021	SUPPORTING A PERSON AND
Xuehan Jiang	(33) China	METHOD FOR USING SAME, E.G. IN
Jiping Wang	(51) E01C 13/08	CONFINED SPACES
Shandong Wu	(21) 2028913	(71) Rope Access Noord B.V.
Yi Liu	(22) 03.08.2021	(74) ir. J.C. Volmer c.s.
Meijie Wang	(54) Volledig recyclebaar kunstgras	(72) Derk Fester Battjes
(41) 21.02.2023	(71) RECREATIONAL SYSTEMS	Fokke-Jan Alphons van Kessel
(31) 202110891576.1	INTERNATIONAL B.V.	(41) 17.02.2023
(32) 04.08.2021	(74) ir. A. Blokland c.s.	(51) E06B 11/08
(33) China	(72) Arnoud Frederik Fiolet	E06B 3/70
(51) C12Q 1/6883	(41) 17.02.2023	(21) 2028911
(21) 2030973	(51) E02B 3/14	(22) 03.08.2021
(22) 16.02.2022	E02B 3/08	(54) A door arrangement
(54) PRIMER SET FOR DETECTION	(21) 2028938	(71) Royal Boon Edam International B.V.
OF EXPRESSION OF HUMAN	(22) 06.08.2021	(74) mr. ir. J. van Breda c.s.
EOSINOPHIL CATIONIC PROTEIN	(54) River training structure, system	(72) Chris Weel
(ECP) MRNA AND KIT	comprising river training structure, and	Mark de Jong
(71) Hangzhou Zheda Dixun Biological Gene	method for training a river	(41) 17.02.2023
Engineering Co., Ltd.	(71) Koninklijke BAM Groep N.V.	(51) F16M 7/00
(74) ir. M.B. Plaggenborg	(74) ir. J.C. Volmer c.s.	F16B 5/02
(72) Zhoujie Wu	(72) Jan Sebastiaan Reedijk	(21) 2032521
Xuehan Jiang	(41) 22.02.2023	(22) 18.07.2022
Jiaofeng Wang	(51) E02D 7/06	(54) Adjustable levelling chock
Yifei Wang	E02D 7/02	(71) Aktiebolaget SKF
Lei Cheng	E02D 7/08	(74) J. Hoekstra
Huahao Shen	E02D 7/26	(72) Rene Vermeulen
Shandong Wu	E02D 7/28	Abraham Hendrik Hooghart
Yi Liu	E02D 23/14	(31) 102021208535.0
(31) 202110891409.7	E02D 27/42	(32) 05.08.2021
(32) 04.08.2021	(21) 2028930	(33) Germany
(33) China	(22) 05.08.2021	(51) G01V 11/00
(51) C12Q 1/6883	(54) METHOD FOR DRIVING A PILE	G01V 99/00
(21) 2030974	(71) IHC Holland IE B.V.	G06F 30/00
(22) 16.02.2022	(74) dr. A. Krebs	G06Q 50/02
(54) PRIMER PROBE SET AND KIT FOR	(72) Jasper Stefan Winkes	(21) 2028908
RT-PCR DETECTION OF HUMAN	(41) 17.02.2023	(22) 03.08.2021
TRYPTASE BETA (TPSB) MRNA	(51) E02D 13/04	(54) Method for predicting submarine
(71) Hangzhou Zheda Dixun Biological Gene	E02D 7/16	hydrothermal metallogenic prospective
Engineering Co., Ltd.	E02D 27/52	area based on the features of multi-index
(74) ir. M.B. Plaggenborg	E02B 17/00	elements
(72) Lei Cheng	(21) 2028920	(71) The First Institute of Oceanography, MNR
Zhoujie Wu	(22) 04.08.2021	Pilot National Laboratory for Marine
Wei Lei	(54) RECIRCULATING CYLINDRICAL	Science and Technology (Qingdao)
Xuehan Jiang	ROLLERS ASSEMBLY FOR	(74) S. Eeckhaout PhD
Shandong Wu	SUPPORTING AN OBJECT ON A RAIL,	(72) Zhiwei Zhu
Yi Liu	E.G. IN A PILE HOLDING SYSTEM	Qinglei Song
Jiping Wang	(71) Itrec B.V.	Dewen Du
(31) 202110890718.2	(74) ir. J.C. Volmer c.s.	Shijuan Yan
(32) 04.08.2021	(72) Eric Romeijn	Chengfei Hou
(33) China	(51) E04F 21/08	Jun Ye
(51) C12Q 1/6883	(21) 2028919	Gang Yang
(21) 2030976	(22) 04.08.2021	Chuanshun Li
(22) 16.02.2022	(54) Monitoringssysteem voor het monitoren	Fengli Yang
(54) PRIMER PROBE SET AND KIT FOR	van het isoleren van gebouwen.	Yue Zhao
RT-PCR DETECTION OF HUMAN	(71) S. Nooijens Beheer B.V.	Xinyu Shi
LEUKOTRIENE RECEPTOR CYSLTR1	(74) ir. A. Blokland c.s.	(41) 17.02.2023
MRNA	(72) Stefan Jozef Maria Nooijens	(51) G02C 11/00
(71) Hangzhou Zheda Dixun Biological Gene	(51) E04G 3/24	(21) 2031025
Engineering Co., Ltd.	B08B 9/087	(22) 22.02.2022
(74) ir. M.B. Plaggenborg	B63B 57/00	(54) BLUETOOTH GLASSES
(72) Zhoujie Wu	E04G 3/30	(71) Hsi-Chou Cheng
Lei Qian	G21C 17/01	Shue-Yu Huang
Jiaofeng Wang	A62B 35/00	(74) mr. ir. J. van Breda c.s.
Wei Lei	B63C 5/02	(72) Hsi-Chou Cheng
Shandong Wu	(21) 2028914	Shue-Yu Huang
Yi Liu		(31) 110129331

- (32) 09.08.2021
(33) Taiwan, Chinese Taipei
-
- (51) G06Q 10/04
(21) 2030500
(22) 11.01.2022
(54) SYSTEM AND METHOD FOR
DYNAMICALLY PREDICTING CARBON
DIOXIDE GEOLOGICAL STORAGE
POTENTIAL
(71) Institute of Geology and Geophysics,
Chinese Academy of Sciences
(74) ir. M.B. Plaggenborg
(72) Bowen Zheng
Shengwen Qi
Yujie Diao
Lei Fu
Songfeng Guo
Xiaolin Huang
Zhendong Cui
Tianming Huang
Zifang Zhu
-
- (51) H01B 7/02
(21) 2030425
(22) 04.01.2022
(54) INTERMITTENT SELF-ADHESIVE
LAPPED WIRE AND LAPPING
METHOD THEREOF
(71) Gold Cup Electric Apparatus Co., Ltd.
(74) ir. M.B. Plaggenborg
(72) Qingxiang Zheng
Meizhou Kuang
Qiong Wang
(31) 202110907070.5
(32) 09.08.2021
(33) China
-
- (51) H02G 3/04
B60L 53/31
(21) 2028939
(22) 09.08.2021
(54) Charging station, housing, and method
(71) Maas Energy B.V.
(74) ir. J.C. Volmer c.s.
(72) Henk Adrianus Arnoldus Maas
(41) 22.02.2023
-
- (51) H02K 7/09
(21) 1044109
(22) 02.08.2021
(54) ROTARY ASSEMBLY
(71) Ing. Patrick Ronald Tack
(72) Ing. Patrick Ronald Tack
(41) 17.02.2023
-
- (51) H04B 3/03
G01R 31/28
(21) 2032658
(22) 02.08.2022
(54) Fiber-Coaxial Amplifier Device
(71) TECHNETIX B.V.
(74) drs. C.M.A. Quintelier
(72) Jan Ariesen
Matthijs Laro
Martien Rijssemus
Premton Bogaj
(31) 2111357.6
(32) 06.08.2021
(33) United Kingdom
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Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.

(51) A01G 17/00 G06Q 50/02 G06V 20/10 (11) 2029693 (47) 15.02.2023 (22) 09.11.2021 (54) REMOTE SENSING PREDICTION METHOD FOR FRAGRANT PEAR MATURITY PERIOD BASED ON MULTI-SOURCE REMOTE SENSING DATA (73) TARIM UNIVERSITY (72) Tiecheng Bai Xu Li Xifeng Lv Yiting Liu (74) ir. W.J.J.M. Kempes (31) 202110378891 .4 (32) 08.04.2021 (33) China	(51) A01K 67/027 C07K 14/005 C12N 15/85 (11) 2030466 (47) 15.02.2023 (22) 07.01.2022 (54) CONSTRUCTION METHOD OF CONDITIONAL OVEREXPRESSION MODEL OF GENETIC LOCUS-SPECIFIC INSERTION GENE (73) Qingdao University Qingdao WanMing BioCell Pharmaceutics Co.,Ltd (72) Yunyang Wang Yashuo Wang Bin Wang Zhifei Wang Xianjuan Zhang (74) ir. M.B. Plaggenborg (31) 202110693413.2 (32) 22.06.2021 (33) China	(54) Method and device for processing a carcass-part of slaughtered poultry (73) Meyn Food Processing Technology B.V. (72) Ferdinand Allard de Vos Pieter Willem Vonk Michael George Laurentius Koopman Marcel Verhagen Jeroen Hermanus Wijten (74) mr. ir. J. van Breda c.s.
(51) A01H 4/00 A01N 3/00 C12N 5/04 (11) 2026787 (47) 15.02.2023 (22) 29.10.2020 (54) CRYOPRESERVATION AND RECOVERY CULTURE FOR EMBRYONIC AXIS OF CASTANEA MOLLISSIM (73) Shandong Forest Germplasm Resources Center (72) Han Biao Li Wenqing Xie Xiaoman Lu Lu Xian Yang Dong Xin (74) ir. A. Blokland c.s. (31) 202010622769.2 (32) 01.07.2020 (33) China	(51) A01K 67/033 A23K 50/90 A23K 10/12 A23K 10/37 (11) 2028554 (47) 15.02.2023 (22) 28.06.2021 (54) CLEAN EARTHWORM CULTURE MEDIUM, AND PREPARATION METHOD AND USE THEREOF (73) INSTITUTE OF CHEMICAL INDUSTRY OF FOREST PRODUCTS CAF (72) Hao Xu Jianchun Jiang Jing Yang Ning Zhang Jingcong Xie Jian Zhao Min Wei (74) drs. C.M.A. Quintelier (31) 202010596292.5 (32) 28.06.2020 (33) China	(51) A23K 20/20 A23K 50/80 A23K 20/163 (11) 2032768 (47) 15.02.2023 (22) 16.08.2022 (54) ELEMENT COMPOSITION FOR AQUACULTURE AND USE METHOD THEREOF (73) SHEYANG COUNTY CHENYU AQUACULTURE CO., LTD (72) Yebing Yu Yu Chen Ye Chen (74) ir. M.B. Plaggenborg
(51) A01H 6/46 G01N 33/00 (11) 2028933 (47) 17.02.2023 (22) 06.08.2021 (54) A Method for Identifying High Yield and Low Greenhouse Gas Emission of Rice Varieties (73) Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Sciences (72) Xiaobo Qin Yu'e Li Yunfan Wan Bin Wang Yulin Liao Meirong Fan (74) ir. A.E. Dekker-Garms	(51) A01N 1/02 (11) 2028903 (47) 17.02.2023 (22) 02.08.2021 (54) Werkwijze en inrichting voor het vitrificeren van biologisch materiaal, zoals sperma (73) Bartel Marinus van den Berg (72) Bartel Marinus van den Berg (74) ir. B.J. 't Jong	(51) A61B 5/00 D04B 1/00 (11) 2028936 (47) 17.02.2023 (22) 06.08.2021 (54) Knitted strain sensor (73) Technische Universiteit Delft (72) Kaspar Maria Bonaventura Jansen Beyza Bozali Joris Johannes Franciscus van Dam Linda Plaude (74) ir. A.R. Aalbers
	(51) A01N 1/02 (11) 2028903 (47) 17.02.2023 (22) 02.08.2021 (54) Werkwijze en inrichting voor het vitrificeren van biologisch materiaal, zoals sperma (73) Bartel Marinus van den Berg (72) Bartel Marinus van den Berg (74) ir. B.J. 't Jong	(51) A61B 10/00 (11) 1044111 (47) 17.02.2023 (22) 05.08.2021 (54) URINE AND BODY LIQUID SAMPLE COLLECTION METHOD AND DEVICE FOR DIAGNOSTIC PURPOSES (73) Capturin Holding B.V. SCINT B.V. (72) ir. Stephanus Franciscus Schilthuisen ing. Gregorius Maria Hubertus Goijarts
	(51) A22C 21/00 (11) 2028907 (47) 17.02.2023 (22) 03.08.2021	(51) A61F 13/00 A61F 13/10 A61K 9/70 A45D 31/00 (11) 2028927 (47) 22.02.2023 (22) 05.08.2021 (54) ARTIFICIAL NAIL FOR USE IN THE TREATMENT OF A NAIL DISEASE (73) Onicor B.V. (72) Ronald van der Geest Oscar van Loosbroek (74) dr. ir. G.J.C. Verdijk c.s.

(51) A61J 17/00	(32) 11.01.2021	(73) ENZ TECHNIK AG
(11) 1044110	(33) China	(72) Christoph Lendi
(47) 17.02.2023	(51) A61K 38/21	(74) ir. W.J.J.M. Kempes
(22) 04.08.2021	A61P 19/00	(31) 00692/20
(54) Fopspeen voorzien ingericht voor het laten vibreren en/of heen en weer roteren van het zuigorgaan, weergave van muziek, en/of registratie van de temperatuur en/of zuigkracht van de baby en/of van door de baby voortgebrachte geluiden	(11) 2027028	(32) 11.06.2020
(73) Fabian Netjes	(47) 15.02.2023	(33) Switzerland
(72) Fabian Netjes	(22) 02.12.2020	(51) B23B 49/00
(51) A61K 31/165	(54) Use of IFN-lambda 1 protein target in the preparation of medicines for the prevention and/or treatment of inflammatory bone loss	B23Q 17/22
A61K 9/10	(73) Army Medical University	(11) 2028941
A61K 9/08	(72) Yueqi Chen	(47) 22.02.2023
A61K 47/10	Shiwu Dong	(22) 09.08.2021
(11) 2028937	Wenhui Hu	(54) System for aiding a user in the positioning of a drilling machine, method of positioning a drilling machine, and an assembly of a drilling machine and a positioning device
(47) 21.02.2023	Jianmei Li	(73) Robert van der Vegte
(22) 06.08.2021	(74) ir. H.Th. van den Heuvel c.s.	(72) Robert van der Vegte
(54) Colchicine solution	(31) 2019113108407	(74) mr. ir. J. van Breda c.s.
(73) Pharma-Data S.A.	(32) 18.12.2019	(51) B29C 70/44
(72) Yannis Psarrakis	(33) China	(11) 2028918
Konstantinos Lioumis	(51) A61M 16/10	(47) 17.02.2023
(74) dr. T. Wittop Koning PhD	A61M 25/00	(22) 04.08.2021
(51) A61K 35/62	A61M 11/00	(54) ASSEMBLY AND METHOD FOR MANUFACTURING COMPOSITE TUBULARS
A61P 35/00	A61M 11/06	(73) Itrec B.V.
(11) 2032833	A61M 16/08	(72) Pieter Dirk Melis van Duivendijk
(47) 15.02.2023	A61M 16/16	Nicolaas Thijs Pieter Max
(22) 23.08.2022	A61M 16/12	(74) ir. J.C. Volmer c.s.
(54) PREPARATION METHOD FOR BOMBYX BATRYTICATUS EXTRACTION AND APPLICATION THEREOF	(11) 2028916	(51) B60D 1/64
(73) The Third Affiliated Hospital of Xinxiang Medical University	(47) 17.02.2023	B60T 17/04
Xinxiang Medical University	(22) 03.08.2021	B62D 53/12
(72) Fanrong Zhao	(54) Beademingsinrichting en een daarvoor bestemde beademingsset	F16L 37/00
Yuliang Xie	(73) Medspray Humidification B.V.	F16L 37/40
Yanyan Yang	(72) Cornelis Johannes Maria van Rijn	(11) 2028921
Tiantian Zhu	Henri Joseph van Egmond	(47) 17.02.2023
Hengtian Qi	Stefanus Maria van der Vegte	(22) 04.08.2021
Yanyan Yin	Tom Vincent Huijgen	(54) Pneumatische koppelinrichting en vrachtwagencombinatie alsmede een combinatie voor voorzien daarvan
Chenlong Xi	(74) drs. A.A. Jilderda	(73) BravoTech Holding B.V.
Chunyan Li	(51) B01J 37/03	(72) Wilhelmus Hubertus Joseph Brandts
Wenze Sun	B01J 37/08	Amanda Margaret Hubertine Brandts
(74) ir. W.J.J.M. Kempes	B01J 21/04	Gerardus Bernardus Eduard Vos
(31) 202210803185.4	B01J 23/00	(74) drs. A.A. Jilderda
(32) 07.07.2022	B01J 23/745	(51) B62M 9/14
(33) China	B01J 35/00	B62M 9/16
(51) A61K 36/25	B01J 37/02	B62M 11/14
A61P 9/08	(11) 2030497	B62M 25/08
A61P 9/14	(47) 22.02.2023	(11) 2028904
A61P 9/10	(22) 11.01.2022	(47) 17.02.2023
(11) 2030464	(54) MAGNETIC NANO COMPOSITE MATERIAL, PREPARATION METHOD AND APPLICATION	(22) 02.08.2021
(47) 15.02.2023	(73) Qingdao Agricultural University	(54) A transmission system for a bicycle
(22) 07.01.2022	(72) Qinghua Yan	(73) Classified Cycling BV
(54) ARALIA ARMATA (WALL.) SEEM-DERIVED TOTAL SAPONIN AND USE THEREOF IN PREPARATION OF DRUG FOR TREATING POST-VASCULAR INJURY RESTENOSIS	Guocheng Liu	(72) Roëll Marie van Druten
(73) Guangxi International Zhuang Medicine Hospital	Xiangting Hou	(74) ir. H.A. Witmans c.s.
(72) Xiangpei Zhao	Likun Jiang	(51) B65B 1/32
Hongli Teng	YanJun Xin	(11) 2024442
(74) ir. M.B. Plaggenborg	(74) ir. W.J.J.M. Kempes	(47) 15.02.2023
(31) 202110029784.0	(31) 202110909807.7	(22) 12.12.2019
	(32) 09.08.2021	(54) Feeding Device for Food Packaging
	(33) China	(73) Shanghai Lefuna Food Technology Co., Ltd
	(51) B05B 3/06	(72) Jianbin Li
	B33Y 80/00	Jintao Wang
	(11) 2028283	Zhenpeng Zhu
	(47) 15.02.2023	
	(22) 25.05.2021	
	(54) Cross jet cleaning nozzle, produced by additive manufacturing	

Jiangwei Li	(51) C03C 3/068	Marco Brons
(74) J. Hoekstra	C03C 3/155	(74) ir. P.J.P. Janssen
(31) 201911020955.2	(11) 2029053	(51) C08K 7/14
(32) 25.10.2019	(47) 17.02.2023	C08L 67/02
(33) China	(22) 25.08.2021	C08L 63/00
(51) B65B 5/02	(54) Borate and Silicoborate Optical Glasses	C08K 5/098
B65B 5/10	with High Refractive Index and Low	C08L 33/08
B65B 57/12	Liquidus Temperature	(11) 2026350
B65B 59/00	(73) Corning Incorporated	(47) 15.02.2023
B65B 59/02	(72) Antoine Marie Joseph Lepicard	(22) 27.08.2020
B65B 31/00	Jian Luo	(54) Low-Odor, High-Heat-Resistant and
(11) 2028905	Alexander I Priven	Flame-Retardant Reinforced PET
(47) 17.02.2023	(74) dr. ir. G.J.C. Verdijck c.s.	Composite Material and Preparation
(22) 02.08.2021	(31) 63/228,704	Method Thereof
(54) Packing Case Packing Method,	(32) 03.08.2021	(73) Shandong Dawn Polymer Co., Ltd.
Packing Case Erecting Method, and	(33) United States of America	(72) Mengxin Zhao
Corresponding Apparatus	(51) C07K 7/06	Shujie Li
(73) BluePrint Holding B.V.	C12N 15/87	Hong Wang
(72) Nicolaas Martin Prakken	C12N 15/88	Delin Ma
Theodorus Johannes Nicolaas Verweij	A61K 47/54	(74) dr. R.C. van Duijvenbode c.s.
(74) dr. R.C. van Duijvenbode c.s.	A61K 47/62	(31) 202010030888.9
(51) B65B 9/073	A61K 48/00	(32) 13.01.2020
B65B 41/16	A61P 35/00	(33) China
B65B 57/04	C07K 19/00	(51) C12Q 1/6883
B65H 23/04	A61P 31/14	(11) 2030975
B65H 23/18	(11) 2029057	(47) 21.02.2023
(11) 2028931	(47) 21.02.2023	(22) 16.02.2022
(47) 17.02.2023	(22) 26.08.2021	(54) PRIMER PROBE SET AND KIT FOR
(22) 05.08.2021	(54) COMPOSITIONS COMPRISING	RT-PCR DETECTION OF HUMAN
(54) Packaging device and method for	HYDROXYETHYL-CAPPED CATIONIC	LEUKOTRIENE RECEPTOR CYSLTR2
packaging discrete medicaments in	PEPTOIDS	MRNA
pouches	(73) Nutcracker Therapeutics, Inc.	(73) Hangzhou Zheda Dixun Biological Gene
(73) VMI Holland B.V.	(72) Colin McKinlay	Engineering Co., Ltd.
(72) Cornelis Jan Jochemsen	(74) dr. ir. G.J.C. Verdijck c.s.	(72) Xukai Yang
Aalf Wijnia	(31) 63/230,275	Shandong Wu
Robert Ernst Onderdelinden	(32) 06.08.2021	Xuehan Jiang
(74) dr. R.C. van Duijvenbode c.s.	(33) United States of America	Zhoujie Wu
(51) B65D 6/24	(51) C08G 16/02	Yi Liu
B65D 21/02	C08J 9/30	Lei Qian
(11) 2028929	B29C 44/04	Shidan Li
(47) 17.02.2023	(11) 2026915	(74) ir. M.B. Plaggenborg
(22) 05.08.2021	(47) 15.02.2023	(31) 202110891433.0
(54) Verpakking	(22) 17.11.2020	(32) 04.08.2021
(73) Fortuna Beheer B.V.	(54) THERMAL INSULATION AND	(33) China
(72) Erwin Johanna Maria van Limpt	FIREPROOF MATERIAL AND	(51) C12Q 1/6883
(74) drs. A.A. Jilderda	PREPARATION THEREOF	(11) 2030977
(51) C02F 3/34	(73) SOUTHWEST FORESTRY UNIVERSITY	(47) 22.02.2023
C02F 3/12	(72) Xiaojian Zhou	(22) 16.02.2022
(11) 2032239	Guanben Du	(54) REAGENT FOR DETECTING
(47) 15.02.2023	Jinxing Li	EXPRESSION LEVEL OF HUMAN
(22) 22.06.2022	Jingjing Liao	HISTAMINE RECEPTOR HRH4 MRNA,
(54) SEWAGE TREATMENT SYSTEM	Jun Zhang	KIT AND USE
BASED ON MYRIOPHYLLUM	Taohong Li	(73) Hangzhou Zheda Dixun Biological Gene
ELATINOIDES GAUDICH BIOLOGICAL	Nianhua Ou	Engineering Co., Ltd.
OXIDATION POND AND METHOD	(74) ir. F.A. Geurts c.s.	(72) Xuehan Jiang
THEREOF	(31) 202010184786.2	Weiyue Cai
(73) Hunan Airbluer Environmental Protection	(32) 17.03.2020	Yi Liu
Technology Co., Ltd.	(33) China	Zhoujie Wu
(72) Zhixin Hu	(51) C08J 11/14	Meijie Wang
Rui Zeng	(11) 2028900	Shandong Wu
Shuhong Liu	(47) 17.02.2023	Xukai Yang
Xinbing Zhang	(22) 02.08.2021	(74) ir. M.B. Plaggenborg
Jialiang Lan	(54) A METHOD OF CLOSED LOOP	(31) 202110890787.3
(74) ir. M.B. Plaggenborg	RECYCLING OF POLYLACTIC ACID	(32) 04.08.2021
(31) 202110827283.7	(73) ARAPAHA B.V.	(33) China
(32) 21.07.2021	(72) Johan Albert Frans Kunst	(51) C12Q 1/6883
(33) China	Jorn Ekkehart Behage	(11) 2030978
	Jan Jager	(47) 21.02.2023

(22) 16.02.2022	(47) 17.02.2023	Qinglei Song
(54) PRIMER PROBE SET FOR HUMAN HISTAMINE RECEPTOR HRH1 MRNA DETECTION, KIT AND USE	(22) 04.08.2021	Dewen Du
(73) Hangzhou Zheda Dixun Biological Gene Engineering Co., Ltd.	(54) Monitoringssysteem voor het monitoren van het isoleren van gebouwen.	Shijuan Yan
(72) Xukai Yang	(73) S. Nooijens Beheer B.V.	Chengfei Hou
Zhoujie Wu	(72) Stefan Jozef Maria Nooijens	Jun Ye
Xuehan Jiang	(74) ir. A. Blokland c.s.	Gang Yang
Jiping Wang	(51) E04G 3/24	Chuanshun Li
Shandong Wu	B08B 9/087	Fengli Yang
Yi Liu	B63B 57/00	Yue Zhao
Meijie Wang	E04G 3/30	Xinyu Shi
(74) ir. M.B. Plaggenborg	G21C 17/01	(74) S. Eeckhaoudt PhD
(31) 202110891576.1	A62B 35/00	(51) G03F 7/20
(32) 04.08.2021	B63C 5/02	G01N 1/22
(33) China	(11) 2028914	G01N 25/18
(51) E01C 13/08	(47) 17.02.2023	(11) 2031384
(11) 2028913	(22) 03.08.2021	(47) 15.02.2023
(47) 17.02.2023	(54) SUSPENDED SYSTEM FOR SUPPORTING A PERSON AND METHOD FOR USING SAME, E.G. IN CONFINED SPACES	(22) 23.03.2022
(22) 03.08.2021	(73) Rope Access Noord B.V.	(54) Projection exposure apparatus having a device for determining the concentration of atomic hydrogen
(54) Volledig recyclebaar kunstgras	(72) Derk Fester Battjes	(73) Carl Zeiss SMT GmbH
(73) RECREATIONAL SYSTEMS INTERNATIONAL B.V.	Fokke-Jan Alphons van Kessel	(72) Dirk Ehm
(72) Arnoud Frederik Fiolet	(74) ir. J.C. Volmer c.s.	Moritz Becker
(74) ir. A. Blokland c.s.	(51) E06B 11/08	(74) ir. H.A. Witmans c.s.
(51) E02B 3/14	E06B 3/70	(31) 10 2021 202 802.0
E02B 3/08	(11) 2028911	(32) 23.03.2021
(11) 2028938	(47) 17.02.2023	(33) Germany
(47) 22.02.2023	(22) 03.08.2021	(51) G06F 3/02
(22) 06.08.2021	(54) A door arrangement	H01H 13/70
(54) River training structure, system comprising river training structure, and method for training a river	(73) Royal Boon Edam International B.V.	(11) 2028932
(73) Koninklijke BAM Groep N.V.	(72) Chris Weel	(47) 15.02.2023
(72) Jan Sebastiaan Reedijk	Mark de Jong	(22) 05.08.2021
(74) ir. J.C. Volmer c.s.	(74) mr. ir. J. van Breda c.s.	(54) Mechanical keyboard and corresponding method
(51) E02D 7/06	(51) G01D 4/00	(73) 360 Service Agency GmbH
E02D 7/02	(11) 2030954	(72) Tobias Brinkmann
E02D 7/08	(47) 15.02.2023	(74) ir. M. van der Velden
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EP2

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13.12.2018	B60K 1/00	(73) AUDI AG
(22) 03.05.2018	B60K 11/00	(72) Glück, Christian
(54) MOTOR VEHICLE WITH A DEVICE FOR	B60K 11/02	(31) 102017223488
VENTILATING A REAR ROW OF SEATS	H01M 50/00	(32) 21.12.2017
(73) Bayerische Motoren Werke	B60S 5/06	(33) Germany
Aktiengesellschaft	F25D 1/02	(51) B60K 15/05
(72) HEIL, Michael	H01M 10/613	(11) EP3894253
ROTH, Irina	H01M 10/6568	(21) EP19812727.6

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(87) EP2019082100	MEIER-ARENDT, Guido	(32) 19.09.2017
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(22) 21.11.2019	MATHE, Benjamin	(51) B60L 9/18
(54) MOTOR VEHICLE FLAP SYSTEM	(31) 102015220249	B60W 30/00
(73) HUF Hulsbeck & Fürst GmbH & Co. KG	(32) 16.10.2015	B60L 15/20
(72) BECK, Andreas	(33) Germany	(11) EP3375656
MUZZETTO, Mario	(51) B60K 37/06	(21) EP15908238.7
GIESEN, Anke	B60K 35/00	(47) 22.02.2023
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(32) 13.03.2019	(11) EP4020851	18.05.2017
(33) Germany	(21) EP21200288.5	(22) 09.11.2015
(51) B60K 35/00	(47) 22.02.2023	(54) BRAKING/DRIVING FORCE CONTROL
B60K 37/06	(22) 30.09.2021	METHOD AND BRAKING/DRIVING
G06F 3/0482	(54) REMOTE CONTROLLER	FORCE CONTROL DEVICE
G06F 3/0486	(73) Suzuki Motor Corporation	(73) Nissan Motor Co., Ltd.
G06F 3/04886	(72) MIURA, Shin	(72) SHIOZAWA, Yuuki
(11) EP2976699	(31) 2020212385	KUBOTERA, Katsuaki
(21) EP14709619.2	(32) 22.12.2020	SUZUKI, Tatsuya
(47) 22.02.2023	(33) Japan	MIYASHITA, Naoki
(87) EP2014054594	(51) B60L 3/00	OHTA, Mitsunori
25.09.2014	H02J 7/00	KASHIWAYA, Tomoyuki
(22) 10.03.2014	H02H 3/06	OTA, Satoshi
(54) INFORMATION REPRODUCTION	B60L 3/04	(51) B60L 53/00
SYSTEM FOR A VEHICLE AND	B60L 53/14	(11) EP3521098
METHOD FOR PROVIDING	H02H 3/30	(21) EP19152139.2
INFORMATION FOR THE USER OF A	B60L 53/16	(47) 22.02.2023
VEHICLE	B60L 53/31	(22) 16.01.2019
(73) Volkswagen Aktiengesellschaft	B60L 53/18	(54) MOTOR-DRIVEN VEHICLE AND
(72) WILD, Holger	B60L 53/30	CONTROL METHOD FOR MOTOR-
KÖTTER, Nils	(11) EP2487063	DRIVEN VEHICLE
(31) 102013002891	(21) EP12152635.4	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) 22.03.2013	(47) 22.02.2023	(72) HIROE, Yoshihiko
(33) Germany	(22) 26.01.2012	(31) 2018019590
(51) B60K 35/00	(54) Device for producing electrical energy	(32) 06.02.2018
G06V 10/141	and method for operating same	(33) Japan
G06V 10/143	(73) Compleo Charging Solutions AG	(51) B60M 7/00
G06V 10/147	(72) Kachouh, Checrallah	B60L 5/08
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(87) EP2018085924	(51) B60L 3/12	(21) EP18186956.1
27.06.2019	B60R 16/023	(47) 22.02.2023
(22) 19.12.2018	(11) EP3659850	(22) 06.11.2013
(54) VEHICLE PASSENGER	(21) EP19205902.0	(54) CONTACT CHARGING APPARATUS
COMPARTMENT VIEWING DEVICE ,	(47) 22.02.2023	WITH CHARGING ARM AND CONTACT
ASSOCIATED VIEWING METHOD AND	(22) 29.10.2019	CHARGING SYSTEM FOR ELECTRIC
PASSENGER COMPARTMENT	(54) IN-VEHICLE SYSTEM	VEHICLE
(73) Valeo Comfort and Driving Assistance	(73) YAZAKI CORPORATION	(73) HONDA MOTOR CO., LTD.
(72) GARNIER, Denis	(72) IWASAKI, Katsuyuki	(72) Tajima, Takamitsu
MAROUDIS, Pantelis	NAKAMURA, Masashi	Shibahata, Yasuji
PINCHON, Nicolas	ENOMOTO, Satoshi	Noguchi, Wataru
(31) 1762678	(31) 2018222988	(51) B60N 2/07
(32) 20.12.2017	(32) 29.11.2018	B60N 2/08
(33) France	(33) Japan	(11) EP3853064
(51) B60K 37/06	(51) B60L 5/28	(21) EP19897532.8
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20.04.2017	(87) CN2017104738	(54) LOOP LATCH RELEASE FOR POWER
(22) 14.10.2016	28.03.2019	LONG RAIL ASSEMBLY
(54) METHOD FOR THE AUTOMATED	(22) 30.09.2017	(73) Magna Seating Inc.
GUIDING OF A MOTOR VEHICLE	(54) TROLLEY POLE ACTUATING	(72) ZHAO, Kai
OCCUPIED BY A DRIVER AND FOR	MECHANISM AND TROLLEYBUS	NACY, Michael, D.
THE INFORMATION OF THE DRIVER	USING THE SAME	MARINI, Detjon
(73) Continental Automotive Technologies	(73) Zhou, Jinbin	VETERE, Louis II
GmbH	(72) Zhou, Jinbin	DIOUM, Cheikh

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(32) 17.12.2018	EQUIPPED WITH PASSENGER SEAT	(21) EP19211126.8
(33) United States of America	(73) Stadler Bussnang AG	(47) 22.02.2023
(51) B60N 2/14	(72) Lunardon, Andreas	(22) 25.11.2019
(11) EP3826884	Gullo, Giuseppe	(54) WORKING VEHICLE
(21) EP19836019.0	(51) B60Q 1/068	(73) Iseki & Co., Ltd.
(47) 22.02.2023	B60Q 1/076	(72) HISAOKA, Yasuhiro
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14.05.2020	(21) EP18171201.9	(32) 13.12.2018
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(54) SWIVEL MECHANISM FOR ROTATION	(22) 08.05.2018	(51) B60T 5/00
OF A SEAT IN AN AUTOMOTIVE	(54) ADJUSTING DEVICE FOR A MOTOR	F16D 65/48
VEHICLE	VEHICLE HEADLIGHT	F16D 65/12
(73) Magna Seating Inc.	(73) ZKW Group GmbH	F16D 65/78
(72) VETERE, Louis II	(72) Weiss, Benjamin	(11) EP3753793
MARINI, Detjon	Grafeneder, Markus	(21) EP19461545.6
NACY, Michael, D.	(51) B60Q 1/50	(47) 22.02.2023
ZHAO, Kai	B60Q 1/08	(22) 21.06.2019
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TAME, Omar, D.	(21) EP17194605.6	WHEEL
(31) 201962818779 P	(47) 22.02.2023	(73) Goodrich Corporation
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(32) 15.03.2019	(54) ILLUMINATION DEVICE FOR VEHICLE	Wyszowski, Adam
09.11.2018	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	Pacak, Pawel
(33) United States of America	KOITO MANUFACTURING CO., LTD.	(51) B60T 7/04
United States of America	(72) MOURI, Fumihiko	B60W 10/18
(51) B60N 2/235	YAMAMOTO, Susumu	B60W 10/20
(11) EP3931041	MASUDA, Takeshi	B60W 10/196
(21) EP20707597.9	NAKAZAWA, Misako	B60W 30/06
(47) 22.02.2023	(31) 2016199077	B62D 15/02
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03.09.2020	(33) Japan	(21) EP19177732.5
(22) 25.02.2020	(51) B60R 7/04	(47) 22.02.2023
(54) DETENT FITTING FOR A VEHICLE	B60Q 3/252	(22) 31.05.2019
SEAT	(11) EP3831656	(54) PARKING SUPPORT DEVICE
(73) Brose Fahrzeugteile SE & Co.	(21) EP19214237.0	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
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(72) SCHUKALSKI, Jürgen	(22) 06.12.2019	MINASE, Yuki
HOFMANN, Jochen	(54) A VEHICLE SYSTEM TO FACILITATE	SANNODO, Shinya
HAUSMANN, Peter	COSMETIC CARE	OTANI, Shinya
(31) 102019104712	(73) Ningbo Geely Automobile Research &	IMAL, Norio
(32) 25.02.2019	Development Co. Ltd.	(31) 2018110588
(33) Germany	Zhejiang Geely Holding Group Co., Ltd.	(32) 08.06.2018
(51) B60N 2/28	(72) SHARIATZADEH, Pardis	(33) Japan
A44B 11/25	PIHLSGÅRD, Måns	(51) B60T 7/12
(11) EP3845413	NILSSON, Magnus	B60W 30/09
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(73) BRITAX RÖMER Kindersicherheit GmbH	(54) SIDE AIRBAG DEVICE AND VEHICLE	(22) 17.10.2018
(72) SCHMITZ, Michael	SEAT HAVING THE SIDE AIRBAG	(54) EMERGENCY STOP SYSTEM FOR A
HENSELER, Richard	DEVICE	VEHICLE
SCHIEFFOLD, Thorsten	(73) Autoliv Development AB	(73) ZF Friedrichshafen AG
FÜRSTENBERG, Michael	(72) Kobayashi, Yuto	(72) HELLER, Carolin
(51) B60N 2/68	(31) 2018097233	AMANN, Michael
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(54) FASTENING DEVICE FOR A	(33) Japan	B60T 11/10
BACKREST OF A PASSENGER	Japan	B60T 13/26
SEAT, METHOD FOR PRODUCING A	Japan	B60T 13/68
FASTENING DEVICE, PASSENGER	(51) B60T 1/06	B60T 15/18
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(54) VALVE ARRANGEMENT OF AN VEHICLE HYDRAULIC BRAKE SYSTEM FOR CONTROLLING A PNEUMATIC BRAKE SYSTEM OF A TRAILER	(47) 22.02.2023	KOGA, Yusuke
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(72) SPREMBERG, Jan	(54) SYSTEM FOR DETERMINING THE STACK CLOSURE PRESSURE OF A BRAKE STACK	(32) 28.06.2017
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HAVERKAMP, Michael	SMITH, Steven Elliot	B60T 13/74
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B60T 8/1755	13.05.2019	(87) EP2019063470
B60T 8/24	(33) United States of America	26.12.2019
B60T 7/20	United States of America	(22) 24.05.2019
B60D 1/30	(51) B60T 13/66	(54) METHOD FOR CONTROLLING AN ELECTROMECHANICAL BRAKE DEVICE IN A VEHICLE
(11) EP3715198	B60T 17/22	(73) Robert Bosch GmbH
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(47) 22.02.2023	(21) EP19832892.4	WIENKEN, Hubertus
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(54) CONTROL TECHNOLOGY FOR TRAILER LOOP BRAKE DEVICE	(87) EP2019085915	(31) 102018210232
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(72) Zacharias, Georg	(22) 18.12.2019	(33) Germany
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Schaule, Jakob	(72) BRENN, Martin	B60L 7/10
Propp, Florian	ULLRICH, Thorsten	B60W 10/08
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(72) LANGLOIS, Bruno	(54) ELEKTROMECHANICAL BRAKE BOOSTER	LINDSTRÖM, Johan
CHAVAGNAT, Richard	(73) Robert Bosch GmbH	KJELL, Anders
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(73) Robert Bosch GmbH	B60T 13/74	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) KOIKE, Katsunori	B60T 1/06	(72) HOSHIKAWA, Yuma
YOSHIDA, Atsushi	B60T 7/04	IKE, Wataru
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(72) KRISMANIC, Georg	(51) B61H 13/02	(21) EP18150714.6
LANG, Andreas	B60T 7/10	(47) 22.02.2023
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(32) 08.01.2018	B61C 17/00	(73) Motherson Innovations Company Limited
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(47) 22.02.2023	(54) RAIL VEHICLE AND METHOD FOR OPERATING A RAIL VEHICLE	Wilsdorf, Simone
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B61F 5/06	(54) METHOD AND DEVICE FOR PROTECTING A VEHICLE OPERATOR	(51) B62K 3/00
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	(73) JTEKT CORPORATION	
	(72) KAWAMURA, Hiroshi	
	FUJITA, Yuji	

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Mäkimattila, Simo	F16C 35/063	(72) MUELLER, Holger
(51) B66B 19/00	F16C 35/073	DOBLINGER, Josef
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(73) Hebei Caike Chemical Co., Ltd.	LEE, Dongyoung	(72) SAKUMA Daichi
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B41M 5/00	(22) 19.12.2019	(54) PROCESS FOR PREPARING FOAMED ARTICLES MADE FROM ETHYLENE/ALPHA-OLEFIN INTERPOLYMERS
C07F 9/53	(54) FLEXIBLE POLYMER ELECTROLYTE	(73) Dow Global Technologies LLC
C09D 11/38	(73) Solvay Specialty Polymers Italy S.p.A.	(72) YU, Haiyang
(11) EP3378875	(72) ABUSLEME, Julio A.	LIU, Xiaochun
(21) EP16866226.0	BISO, Maurizio	CHEN, Yongchun
(47) 22.02.2023	(31) 18215077	(51) C08G 18/32
(87) JP2016083288	(32) 21.12.2018	B32B 9/00
26.05.2017	(33) European Patent Office (EPO)	B32B 27/00
(22) 09.11.2016	(51) C08F 230/08	C09D 201/00
(54) ACYLPHOSPHINE OXIDE COMPOUND, USE OF THE ACYLPHOSPHINE OXIDE COMPOUND, PRODUCING METHOD OF A PHOTOPOLYMERIZATION INITIATOR, POLYMERIZABLE COMPOSITION, AND INK JET RECORDING METHOD	C09D 143/04	C09J 201/00
(73) FUJIFILM Corporation	C09J 143/04	C08G 18/42
(72) TSUYAMA, Hiroaki	(11) EP3824005	C09J 175/04
YOKOI, Kazuhiro	(21) EP19742518.4	C09J 175/06
NAKAMURA, Kouki	(47) 22.02.2023	B32B 7/14
ARAKI, Kenjiro	(87) CZ2019050030	B32B 27/26
(31) 2016169969	23.01.2020	(11) EP3312208
2015227695	(22) 03.07.2019	(21) EP16811540.0
(32) 31.08.2016	(54) LIQUID WOUND DRESSING COMPOSITION	(47) 22.02.2023
20.11.2015	(73) Ustav Makromolekularni Chemie AV CR, V. V. I.	(87) JP2016067216
(33) Japan	(72) SEDLAKOVA, Zdenka	22.12.2016
Japan	POLAKOVA, Lenka	(22) 09.06.2016
(51) C08F 4/656	POREBA, Rafal	(54) TWO-PART CURABLE COMPOSITION, TWO-PART-TYPE ADHESIVE AGENT, TWO-PART-TYPE COATING AGENT, AND LAMINATE
C08F 4/651	(31) 20180359	(73) DIC Corporation
C08F 110/06	201835185 U	(72) NAKASHIMA Michiya
(11) EP3083711	(32) 17.07.2018	TAKEDA Hiroyuki
(21) EP14827215.6	17.07.2018	(31) 2015132700
(47) 22.02.2023	(33) Czech Republic	2015122887
(87) EP2014078790	Czech Republic	(32) 01.07.2015
25.06.2015	(51) C08F 279/02	18.06.2015
(22) 19.12.2014	C08J 3/12	(33) Japan
(54) CATALYST COMPOSITION FOR POLYMERIZATION OF OLEFINS	C08F 6/22	Japan
(73) Saudi Basic Industries Corporation	C08F 2/22	(51) C08G 18/48
SABIC Global Technologies B.V.	(11) EP3613782	C08G 18/75
(72) TAFTAF, Mansour	(21) EP18880958.6	C08G 18/76
SAINANI, Jaiprakash Brijlal	(47) 22.02.2023	C08G 18/10
ZAKHAROV, Vladimir Aleksandrovich	(87) KR2018013629	C08G 18/30
BUKATOV, Gennadii Dimitrievich	31.05.2019	C09J 175/08
PATEL, Vimalkumar Mahendrabhai	(22) 09.11.2018	(11) EP2949676
SERGEEV, Sergei Andreevich	(54) METHOD FOR PREPARING GRAFT COPOLYMER POWDER	(21) EP15168429.7
ZUIDEVELD, Martin Alexander	(73) LG Chem, Ltd.	(47) 22.02.2023
BATINAS-GEURTS, Aurora Alexandra	(72) LEE, Jong Ju	(22) 20.05.2015
GHALIT, Nourdin	CHOI, Jeong Su	(54) NON-HOT-MELT MDI-BASED POLYURETHANE COMPOSITION BEARING NCO END GROUPS AND HAVING A LOW CONTENT OF MDI MONOMER, COMPRISING AT LEAST ONE ISOCYANATE COMPOUND OF PARTICULAR MOLAR VOLUME
(31) 201461939962 P	LEE, Won Seok	(73) BOSTIK SA
13199170	LEE, Roo Da	(72) Sanz, Federico
(32) 14.02.2014	KIM, Ho Hoon	(31) 1454822
20.12.2013	YOO, Keun Hoon	(32) 28.05.2014
(33) United States of America	JANG, Seok Goo	(33) France
European Patent Office (EPO)	PARK, Sang Hoo	(51) C08G 18/48
(51) C08F 214/24	OK, Hye Jeong	
C08F 8/42	SHIM, Hyung Seop	
C08J 5/22	(31) 20170156566	
	(32) 22.11.2017	
	(33) Korea (Republic)	
	(51) C08F 279/02	
	C09J 127/06	
	C09J 9/00	

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C08G 18/10	FOR PRODUCING SAME, AND	(33) Japan
C09J 175/08	OPTICAL LENS	(51) C08G 77/388
C08L 33/12	(73) Mitsubishi Gas Chemical Company, Inc.	C08G 77/452
(11) EP3288992	(72) KATO Noriyuki	C08G 77/54
(21) EP16717165.1	KONDO Mitsuteru	C08K 5/11
(47) 22.02.2023	ISHIHARA Kentaro	C08L 83/08
(87) EP2016058669	SHIRATAKE Munenori	C08L 83/10
03.11.2016	HIROSE Koji	C08L 83/14
(22) 19.04.2016	IKEDA Shinya	(11) EP3976692
(54) TWO-STEP METHOD FOR THE	OSHIMA Kensuke	(21) EP19728036.5
PRODUCTION OF A POLYURETHANE	NAGAYAMA Shuya	(47) 22.02.2023
HOT MELT ADHESIVE HAVING A	SUZUKI Shoko	(87) EP2019064120
LOW CONTENT OF MONOMER	(31) 2016214750	03.12.2020
DIISOCYANATES AND HIGH	2016143321	(22) 29.05.2019
ADHESIVE STRENGTH	(32) 02.11.2016	(54) AQUEOUS DISPERSIONS
(73) Sika Technology AG	21.07.2016	OF PRE-CROSSLINKED
(72) SCHMIDER, Martin	(33) Japan	ORGANOPOLYSILOXANES
(31) 15165512	Japan	(73) Wacker Chemie AG
(32) 28.04.2015	(51) C08G 75/025	(72) GRANDL, Markus
(33) European Patent Office (EPO)	C08J 3/20	BEER, Gerhard
(51) C08G 59/62	C08J 5/00	LIMMER, Werner
C07C 39/15	C08L 81/02	SELBERTINGER, Ernst
C09D 5/03	C08G 75/02	(51) C08G 77/62
C09D 163/00	(11) EP3647340	C09D 183/16
(11) EP3640277	(21) EP18824996.5	(11) EP3674351
(21) EP19203146.6	(47) 22.02.2023	(21) EP19218353.1
(47) 22.02.2023	(87) JP2018024120	(47) 22.02.2023
(22) 15.10.2019	03.01.2019	(22) 19.12.2019
(54) ADDITIVE COMPOSITION AND	(22) 26.06.2018	(54) TRANSPARENT COATING FILM
METHOD OF PREPARING THE SAME	(54) METHOD FOR PRODUCING	FORMING COMPOSITION
(73) Korea Kumho Petrochemical Co., Ltd.	POLYARYLENE SULPHIDE RESIN	(73) Shin-Etsu Chemical Co., Ltd.
(72) ROH, Kee Yoon	(73) DIC Corporation	(72) KANEKO, Tatsuro
JANG, Jung Hee	(72) NARA, Saori	(31) 2018241154
PARK, Yun Cheol	WATANABE, Hideki	(32) 25.12.2018
CHO, Nam Hyun	KADOKI, Masaya	(33) Japan
(31) 20180122494	IBARAKI, Taku	(51) C08J 3/12
(32) 15.10.2018	INOUE, Satoshi	B01J 20/26
(33) Korea (Republic)	(31) 2018070829	B01J 20/30
(51) C08G 63/06	2017127442	C08J 3/24
C12P 7/62	(32) 02.04.2018	B01J 20/28
C08L 101/16	29.06.2017	(11) EP3473664
C08J 5/18	(33) Japan	(21) EP17815379.7
C08L 67/04	Japan	(47) 22.02.2023
(11) EP3677613	(51) C08G 77/02	(87) JP2017022605
(21) EP18850182.9	C09D 5/16	28.12.2017
(47) 22.02.2023	C09D 183/04	(22) 20.06.2017
(87) JP2018031775	C08G 77/24	(54) METHOD FOR PRODUCING WATER
07.03.2019	C08G 77/18	ABSORBENT AGENT
(22) 28.08.2018	C08G 77/08	(73) Nippon Shokubai Co., Ltd.
(54) POLYESTER INCLUDING 4-	C08G 77/04	(72) WAKABAYASHI Ryota
HYDROXYBUTYRATE UNITS	C09J 201/00	SATO Mai
(73) MITSUBISHI GAS CHEMICAL	C09J 7/29	IMURA Motohiro
COMPANY, INC.	C09D 183/02	SHUTO Tokio
(72) MAEHARA, Akira	C09D 4/00	SHOBO Yoshihiro
(31) 2017164468	(11) EP3594310	(31) 2016121545
(32) 29.08.2017	(21) EP18764788.8	(32) 20.06.2016
(33) Japan	(47) 22.02.2023	(33) Japan
(51) C08G 64/04	(87) JP2018008371	(51) C08J 3/24
C08G 64/30	13.09.2018	C08J 3/12
G02B 1/04	(22) 05.03.2018	C08J 9/04
(11) EP3489279	(54) LIQUID-REPELLENT COMPOSITION,	C08F 2/44
(21) EP17831032.2	LIQUID-REPELLENT SHEET, AND	C08F 20/06
(47) 22.02.2023	METHODS FOR PRODUCING SAME	C08F 20/38
(87) JP2017026052	(73) LINTEC Corporation	C08F 20/26
25.01.2018	(72) HIRONAGA, Maki	C08F 20/56
(22) 19.07.2017	MIYATA, Sou	C08L 33/02
	(31) 2017046771	C08L 101/14

C08J 3/075	(47) 22.02.2023	PICHL, Ulrich
(11) EP3719059	(87) US2014042269	(31) 18189821
(21) EP19895564.3	24.12.2014	(32) 20.08.2018
(47) 22.02.2023	(22) 13.06.2014	(33) European Patent Office (EPO)
(87) KR2019015681	(54) HEAT STABILIZED SOFT EXPANDABLE	(51) C08L 1/02
18.06.2020	SEALANT COMPOSITIONS	C08J 3/24
(22) 15.11.2019	(73) Zephyros Inc.	C08K 5/09
(54) METHOD FOR PREPARING	(72) CHMIELEWSKI, Craig	C08K 5/092
SUPERABSORBENT POLYMER	KASSA, Abrahm	C08B 15/10
(73) LG CHEM, LTD.	KAFFENBERGER, Justin	B01D 67/00
(72) KIM, Kyu Pal	(31) 201361837832 P	B01D 71/00
CHOI, Jinuk	(32) 21.06.2013	B01J 20/28
LEE, Sang Hwa	(33) United States of America	C08J 5/22
KIM, Gicheul	(51) C08J 9/224	D06M 101/06
KIM, Ki Hyun	C08J 9/16	D06M 13/33
LEE, Seul Ah	C08J 9/228	D06M 13/192
(31) 20180161293	B29B 9/06	D06M 13/21
(32) 13.12.2018	B29C 44/22	B01J 20/26
(33) Korea (Republic)	B29C 44/50	B01D 69/02
(51) C08J 5/18	B29C 48/16	B01D 69/12
C08J 7/06	B29C 48/21	B01D 71/10
(11) EP3564009	B29C 48/345	B01D 61/38
(21) EP17888298.1	B29C 48/04	D06M 101/28
(47) 22.02.2023	(11) EP3819333	(11) EP3448928
(87) JP2017047353	(21) EP19207585.1	(21) EP17790518.9
05.07.2018	(47) 22.02.2023	(47) 22.02.2023
(22) 28.12.2017	(22) 07.11.2019	(87) US2017030078
(54) BIAXIALY ORIENTED	(54) FOAMED SPHERES, MOULDED PART	02.11.2017
POLYPROPYLENE FILM, METALLIZED	FORMED FROM A PLURALITY OF	(22) 28.04.2017
FILM, AND CAPACITOR	FOAMED SPHERES AND METHOD	(54) HYBRID MEMBRANE COMPRISING
(73) Oji Holdings Corporation	FOR PRODUCING FOAMED SPHERES	CROSSLINKED CELLULOSE
(72) TOMINAGA, Takeshi	(73) Seitner, Rouven	(73) Nanopareil, LLC
SUEYOSHI, Michiko	(72) Seitner, Rouven	(72) SCHNEIDERMAN, Steven
OKUYAMA, Yoshimune	(51) C08J 11/24	MENKHAUS, Todd J.
FUJISHIRO, Yoshikazu	C08L 67/02	ZHAO, Yong
NAKATA, Masahiro	(11) EP3853298	FONG, Hao
ISHIWATA, Tadakazu	(21) EP19782856.9	ARNOLD, Craig
(31) 2016256161	(47) 22.02.2023	(31) 201662424096 P
(32) 28.12.2016	(87) US2019052263	201662329778 P
(33) Japan	26.03.2020	(32) 18.11.2016
(51) C08J 5/24	(22) 20.09.2019	29.04.2016
C08G 59/62	(54) PROCESS AND SYSTEM FOR	(33) United States of America
(11) EP3645614	DEPOLYMERIZING PLASTIC	United States of America
(21) EP18785467.4	(73) Premirr Plastics Inc.	(51) C08L 1/14
(47) 22.02.2023	(72) PARROTT, Matthew, Craig	C08B 3/16
(87) US2018023734	LUFT, James, Christopher	C08J 5/18
03.01.2019	MATTIACE, Michael Dean	(11) EP3445813
(22) 22.03.2018	SHUPING, Donald, B.	(21) EP17786355.2
(54) EPOXY-FIBER REINFORCED	(31) 201962831787 P	(47) 22.02.2023
COMPOSITES, METHOD TO FORM	201862734421 P	(87) US2017027115
THE COMPOSITES AND EPOXY RESIN	(32) 10.04.2019	26.10.2017
COMPOSITION USED THEREFOR	21.09.2018	(22) 12.04.2017
(73) Dow Global Technologies LLC	(33) United States of America	(54) REGIOSELECTIVELY SUBSTITUTED
(72) SCHMITT, Adam K.	United States of America	CELLULOSE ESTERS AND FILMS
BANK, David H.	(51) C08K 5/549	MADE THEREFROM
BALIJEPAI, Bharati	C08K 5/5419	(73) Eastman Chemical Company
SCHNEIDER, Daniel	C08L 83/04	(72) BOONE, Matthew, Allen
(31) 201762526695 P	(11) EP3841167	BURK, Christopher, Harlan
(32) 29.06.2017	(21) EP19753407.6	MACKENZIE, Peter, Borden
(33) United States of America	(47) 22.02.2023	FISH, Jennifer, A.
(51) C08J 9/00	(87) EP2019072280	CERVO, Eduardo, Gallas
C08J 9/10	27.02.2020	MACKENZIE, Elaine, Beatrice
C08L 23/02	(22) 20.08.2019	MALESKI, Robert, Joseph
C08L 31/04	(54) COMPOSITION FOR SILICONE	MCCONNELL, Wesley, Wayne
C08L 23/16	RUBBER MASSES	NORMAN, David, William
B60R 13/08	(73) Nitrochemie Aschau GmbH	STEARNS, Tabatha
(11) EP3010966	(72) LANGERBEINS, Klaus	WANG, Bin
(21) EP14737426.8	KRUPP, Alexis	(31) 201715482920

201762472046 P	(73) Mitsui Chemicals, Inc.	(72) DERAİL, Christophe
201762466097 P	(72) KIKUCHI, Yoshiharu	RONCIN, Armelle
201662326037 P	ICHINO, Kotaro	CALLIES, Xavier
(32) 10.04.2017	(31) 2018049541	GUILLAMAUD, Christelle Marie Aline
16.03.2017	2018049539	DANEROL, Anne-Sophie
02.03.2017	(32) 16.03.2018	DAUX, Marie
22.04.2016	16.03.2018	(31) 1908878
(33) United States of America	(33) Japan	(32) 02.08.2019
United States of America	Japan	(33) France
United States of America	(51) C08L 9/06	(51) C08L 23/26
United States of America	C08K 3/04	C08K 5/3445
(51) C08L 7/00	C08K 3/36	C08L 1/02
B60C 1/00	C08K 5/548	C08L 101/12
C08K 3/36	C08L 21/00	C08L 51/00
C08L 9/00	B60C 1/00	(11) EP3438186
C08L 9/06	(11) EP3705518	(21) EP17775280.5
(11) EP3910018	(21) EP20160742.1	(47) 22.02.2023
(21) EP21172828.2	(47) 22.02.2023	(87) JP2017013023
(47) 22.02.2023	(22) 03.03.2020	05.10.2017
(22) 07.05.2021	(54) REINFORCED RUBBER CONTAINING	(22) 29.03.2017
(54) RUBBER COMPOSITION AND	SILYLATED TRIGLYCERIDE OIL	(54) THERMOPLASTIC RESIN
PNEUMATIC TIRE	(73) The Goodyear Tire & Rubber Company	COMPOSITION, THERMOPLASTIC
(73) The Goodyear Tire & Rubber Company	(72) KULIG, Joseph John	RESIN COMPOSITION PRODUCTION
(72) ISITMAN, Nihat Ali	CANTWELL, Kelsey Elizabeth	METHOD, CELLULOSE-REINFORCED
WASSEN, Marine Sophie Francoise	PAPAKONSTANTOPOULOS, George	RESIN MOLDED PRODUCT,
HINTERLONG, Ronda Jane	Jim	AND CELLULOSE-REINFORCED
(31) 202015931636	(31) 201962813476 P	RESIN MOLDED PRODUCT
(32) 14.05.2020	(32) 04.03.2019	MANUFACTURING METHOD
(33) United States of America	(33) United States of America	(73) Furukawa Electric Co., Ltd.
(51) C08L 9/00	(51) C08L 23/12	(72) KOZAWA, Eiji
B60C 1/00	C08L 23/14	YAGI, Takeshi
C08K 3/36	(11) EP3033390	NAKAJIMA, Yasuo
C08K 5/3462	(21) EP13748020.8	KIM, Jae Kyung
C08K 5/357	(47) 22.02.2023	(31) 2016073612
C08K 5/46	(87) EP2013066788	(32) 31.03.2016
C08L 9/06	19.02.2015	(33) Japan
(11) EP3564300	(22) 12.08.2013	(51) C08L 25/12
(21) EP17887209.9	(54) THERMOPLASTIC BLEND	C08L 55/02
(47) 22.02.2023	FORMULATIONS FOR CABLE	C08L 83/04
(87) JP2017046663	INSULATIONS	C23C 28/02
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(22) 26.12.2017	(72) HO, Chau-Hon	C08G 77/04
(54) RUBBER COMPOSITION AND	GHOUL, Cherif	C25D 3/00
PNEUMATIC TIRE	DOMINGUEZ, Gustavo	(11) EP3674364
(73) The Yokohama Rubber Co., Ltd.	JEDENMALM, Anneli	(21) EP19861237.6
(72) KAGEYAMA Hirokazu	FRIBERG, Andreas	(47) 22.02.2023
KIMURA Kazushi	KRIVDA, Andrej	(87) KR2019011553
(31) 2017040613	XIE, Lei	26.03.2020
2016255983	FARKAS, Andreas	(22) 06.09.2019
(32) 03.03.2017	(51) C08L 23/22	(54) THERMOPLASTIC RESIN
28.12.2016	C08L 91/00	COMPOSITION, METHOD FOR
(33) Japan	C09J 123/22	MANUFACTURING SAME, AND
Japan	C09J 191/00	METAL-PLATED MOLDED PRODUCT
(51) C08L 9/02	A61F 13/02	MANUFACTURED FROM SAME
B32B 25/08	A61L 15/58	(73) LG Chem, Ltd.
B32B 27/30	(11) EP4007793	(72) LEE, Ju Hyeong
C08F 263/04	(21) EP20754792.8	KANG, Byoung Il
C08L 31/04	(47) 22.02.2023	KIM, Seo Hwa
(11) EP3766929	(87) FR2020051403	HAN, Sejin
(21) EP19767322.1	11.02.2021	KIM, Seongkyun
(47) 22.02.2023	(22) 30.07.2020	(31) 20190108923
(87) JP2019009447	(54) ELASTOMER COMPOSITION	20180113686
19.09.2019	(73) URGO RECHERCHE INNOVATION ET	(32) 03.09.2019
(22) 08.03.2019	DEVELOPPEMENT	21.09.2018
(54) ACRYLONITRILE-BUTADIENE RUBBER	UNIVERSITE DE PAU ET DES PAYS DE	(33) Korea (Republic)
COMPOSITION AND LAMINATE	L'ADOUR	Korea (Republic)
INCLUDING SAID COMPOSITION	CENTRE NATIONAL DE LA	(51) C08L 83/04
LAYER	RECHERCHE SCIENTIFIQUE (CNRS)	C08G 65/332

C09D 183/04	(54) AN OPHTHALMIC DEVICE	FORMING MULTILAYER COATING
(11) EP4017921	COMPRISING POLYMERIZABLE	FILM USING SAID COMPOSITION
(21) EP19755903.2	ABSORBERS OF UV AND HIGH	(73) BASF Coatings GmbH
(47) 22.02.2023	ENERGY VISIBLE LIGHT	(72) NAKASHIMA, Hisayuki
(87) EP2019072101	(73) Johnson & Johnson Vision Care, Inc.	REUTER, Hardy
25.02.2021	(72) MAHADEVAN, Shivkumar	MORI, Souichi
(22) 19.08.2019	WRIGHT, Dawn D.	(31) 19171235
(54) SILICONE COMPOSITION AND	(31) 201916268897	(32) 26.04.2019
METHOD FOR MANUFACTURING	201862691112 P	(33) European Patent Office (EPO)
COMPOSITE MOLDINGS	201862637505 P	(51) C09D 11/00
(73) Wacker Chemie AG	(32) 06.02.2019	(11) EP3420039
(72) KUHN, Arvid	28.06.2018	(21) EP17713791.6
SCHREIBER, Inge	02.03.2018	(47) 22.02.2023
STEPP, Michael	(33) United States of America	(87) IL2017050229
(51) C08L 83/04	United States of America	31.08.2017
F24S 80/20	United States of America	(22) 23.02.2017
C09K 5/10	(51) C09C 1/00	(54) PRINTING FORMULATIONS AND
(11) EP4021981	G03H 1/02	METHODS
(21) EP19805285.4	G03H 1/04	(73) Velox-Puredigital Ltd.
(47) 22.02.2023	B42D 25/29	(72) COFLER, Marian
(87) EP2019081642	B42D 25/328	COFLER, Adrian
27.05.2021	B42D 25/41	YASEEN, Hanady
(22) 18.11.2019	G03H 1/00	GAL, Ido
(54) METHYL POLYSILOXANE MIXTURES	(11) EP3940031	AYLEEN, Shai
AS A HEAT-CARRIER FLUID	(21) EP21020364.2	(31) 24430616
(73) Wacker Chemie AG	(47) 22.02.2023	24430516
(72) MOXTER, Maximilian	(22) 12.07.2021	24430216
HAFFENDORN, Julia	(54) PIGMENT FOR GENERATING	(32) 25.02.2016
KOKOTT, Lukas	PRINTING INK AND METHOD FOR	25.02.2016
WEIDNER, Richard	PRODUCING THE PIGMENT	25.02.2016
(51) C08L 91/08	(73) Giesecke+Devrient Currency Technology	(33) Israel
(11) EP3730553	GmbH	Israel
(21) EP19171381.7	(72) Sattler, Tobias	Israel
(47) 22.02.2023	Rahm, Michael	(51) C09D 11/00
(22) 26.04.2019	Szendrei-Temesi, Katalin	C09D 11/30
(54) COMPOSITION COMPRISING AN	(31) 102020004231	C09D 11/107
OXIDIZED POLYETHYLENE WAX, A	(32) 14.07.2020	C09D 11/322
COLOR MASTERBATCH COMPRISING	(33) Germany	(11) EP3290484
THE SAME, A PRODUCT COMPRISING	(51) C09D 1/02	(21) EP17184889.8
THE COLOR MASTERBATCH AND THE	C09D 7/40	(47) 22.02.2023
USE OF THE COLOR MASTERBATCH	C09D 7/61	(22) 04.08.2017
(73) Thai Polyethylene Co., Ltd.	(11) EP3167013	(54) INK COMPOSITION, PRINTER, AND
(72) Pattarit, Sahasyodhin	(21) EP15734401.1	METHOD FOR EJECTING THE INK
Paweena, Lertchanyakul	(47) 22.02.2023	COMPOSITION
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G02C 7/10	(33) United Kingdom	B32B 27/38
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(22) 27.02.2019	COMPOSITION AND METHOD FOR	(54) ANTICORROSION COATING
		COMPOSITION, ANTICORROSION

COATING FILM, SUBSTRATE WITH ANTICORROSION COATING FILM, AND METHOD OF MANUFACTURING SAME	(51) C09J 7/38 C09J 7/35 C09J 7/10	(54) ACRYLIC ADHESIVE COMPOSITION, POLARIZING PLATE, AND DISPLAY DEVICE
(73) Chugoku Marine Paints, Ltd.	(11) EP3489318	(73) LG CHEM, LTD.
(72) KODAMA Shinsho	(21) EP18208679.3	(72) LEE, Min Ki
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(73) LG Chem, Ltd.	C08L 53/02	(47) 22.02.2023
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(32) 27.06.2017	F21S 41/00	(73) LG CHEM, LTD.
26.07.2016	F21S 43/00	(72) HAN, Sanghun
(33) Korea (Republic)	F21S 45/00	KWON, Yoonkyung
Korea (Republic)	F21W 103/00	PARK, Byungsu
(51) C09J 5/00	F21W 104/00	LEE, Hui Je
B29C 64/00	F21W 105/00	KANG, Seongwook
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(73) 3M Innovative Properties Company	C08K 5/29	YU, Min A
(72) KUGEL, Alexander J.	C08F 265/06	KIM, Min Kyoun
PEREZ, Mario A.	G02B 5/30	CHO, Byung Kyu
GORIS, Sebastian	G02F 1/1335	LEE, Taek Yong
FREY, Matthew H.	C09D 4/06	KIM, Dong Yong
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F16J 15/10	(72) MEYER, Jens	PARK, Joong Min
F16J 15/3284	BECHTEL, Hans-Helmut	JEONG, Il Yong
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(54) USE OF BAROCALORIC MATERIALS AND BAROCALORIC DEVICES	(33) Korea (Republic)	REID, Jacqueline, Glen
(73) Cambridge Enterprise Limited	Korea (Republic)	MULQUEEN, Simon, Christopher
Universitat Politècnica De Catalunya	(51) C10G 65/00	COOK, Stephen, Leonard
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(54) LIQUID FUEL COMPOSITIONS (73) Shell Internationale Research Maatschappij B.V.	(73) Chevron Oronite Company LLC (72) SUEN, Yat Fan MCLAIN, Julian H.	(73) Fresenius Medical Care Deutschland GmbH
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(73) Dow Global Technologies LLC (72) KHELIDJ, Nadjat GREAVES, Martin R. MEERTENS, Marinus VAN VOORST, Ronald	(51) C11D 11/00 C11D 3/37 C11D 1/37 C11D 1/14 C11D 1/10	(72) ALVES, Sandro CARTIER-LACAVE, Nathalie PEREIRA DE ALMEIDA, Luis NOBREGA, Clévio MENDONÇA, Liliana
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(73) Voith Patent GmbH	(47) 22.02.2023	MORII Toshiaki
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(22) 19.06.2019	A63B 102/08	TUBULAR SEGMENTS OF DIFFERENT
(54) COATING STRUCTURE, SHEET-LIKE	A63B 67/00	WIDTHS AND CORRESPONDINGLY
PRODUCT AND ITS USE	A63C 19/00	PRODUCED CONNECTION
(73) KEMIRA OYJ	(11) EP3880888	(73) RWE Renewables GmbH

(72) BARTMINN, Daniel	WORK VEHICLE, A CORRESPONDING	(54) WATER VALVE ASSEMBLY
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(51) E02F 3/32	MOVEMENT OF AN IMPLEMENT,	(21) EP19194950.2
B62D 21/18	SUCH AS A BUCKET, IN A WORK	(47) 22.02.2023
B66F 9/075	VEHICLE, A CORRESPONDING	(22) 02.09.2019
B66F 11/04	CONTROL SYSTEM AND A WORK	(54) IRRIGATION BODY FOR THE
E02F 9/00	VEHICLE COMPRISING SUCH	PRODUCTION OF UNDERGROUND
B60B 35/00	CONTROL SYSTEM	RAIN WATER STORAGE
B62D 21/09	(73) CNH Industrial Italia S.p.A.	(73) Heitker, Philipp
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(22) 18.01.2021	Venezia, Antonio	(33) Germany
(54) AN UNDERCARRIAGE FOR A	(31) 201900005248	(51) E04B 1/48
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(73) J.C. Bamford Excavators Limited	(33) Italy	F16B 43/00
(72) Molsom, Martyn	(51) E02F 9/20	E04B 1/41
Streat, Christopher Jack	E02F 9/22	E04B 1/04
Saxby, Stephen	E02F 3/43	(11) EP3428356
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B62D 33/06	(54) A CONTROL METHOD FOR	CONNECTING TWO COMPONENTS
E02F 9/08	ACTUATING A SHAKE MOVEMENT OF	TOGETHER AND ASSEMBLY AS PART
E02F 9/16	A BUCKET CONNECTED TO A BOOM	OF THE JOINT
B62D 55/06	IN A WORK VEHICLE POWERED	(73) Pakon AG
(11) EP3854944	BY A MOTOR, A CORRESPONDING	(31) 9102017
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(47) 22.02.2023	VEHICLE COMPRISING SUCH	(33) Switzerland
(22) 21.01.2021	CONTROL SYSTEM	(51) E04B 7/14
(54) SUPERSTRUCTURE FOR A WORKING	(73) CNH Industrial Italia S.p.A.	E04H 3/14
MACHINE	(72) Garramone, Adriano	(11) EP3956529
(73) J.C. Bamford Excavators Limited	Gravili, Andrea	(21) EP19727484.8
(72) Parry-Jones, Ian	Liberti, Stefano	(47) 22.02.2023
(31) 202001015	Venezia, Antonio	(87) IB2019000421
(32) 24.01.2020	(31) 201900005184	22.10.2020
(33) United Kingdom	(32) 05.04.2019	(22) 19.04.2019
(51) E02F 9/20	(33) Italy	(54) METHOD OF MOUNTING A ROOF
E02F 9/22	(51) E03C 1/05	STRUCTURE
(11) EP3719216	E03C 1/04	(73) Soletanche Freyssinet
(21) EP20168276.2	G05D 7/06	(72) FABRY, Nicolas
(47) 22.02.2023	(11) EP3538714	HUJEUX, Laurent
(22) 06.04.2020	(21) EP17804644.7	AMBOR, Michal
(54) A CONTROL METHOD OF ACTUATING	(47) 22.02.2023	MARQUES RIBEIRO DA CRUZ,
A MOVEMENT OF AT LEAST ONE	(87) GB2017053356	Armando
OF A BOOM AND AN IMPLEMENT	17.05.2018	(51) E04C 5/06
CONNECTED TO THE BOOM IN A	(22) 08.11.2017	

E04C 5/16	(51) E05B 63/24	(11) EP3916186
E04B 5/16	E05B 65/00	(21) EP21169456.7
E04B 5/43	E05B 83/36	(47) 22.02.2023
E04B 1/16	E05B 15/02	(22) 20.04.2021
(11) EP3533946	E05B 17/00	(54) MOTOR UNIT FOR SUNROOF
(21) EP19159904.2	E05B 41/00	(73) Keyang Electric Machinery Co., Ltd.
(47) 22.02.2023	E05B 81/10	(72) Kim, Seong Soo
(22) 28.02.2019	(11) EP3887627	Yun, Seung Tae
(54) REINFORCEMENT ELEMENT	(21) EP19823881.8	Lee, Jin Seok
(73) Intersig NV	(47) 22.02.2023	(31) 20200062139
(72) OCKET, Piet	(87) EP2019082870	(32) 25.05.2020
(31) 201805732	04.06.2020	(33) Korea (Republic)
201805121	(22) 28.11.2019	(51) E06B 3/46
(32) 23.10.2018	(54) SYSTEM FOR UNLOCKING ACCESS	E05D 15/10
01.03.2018	TO A LOCKABLE COMPARTMENT, IN	(11) EP3938608
(33) Belgium	PARTICULAR A BATHROOM FITTING	(21) EP19835629.7
Belgium	(73) SNCF Voyageurs	(47) 22.02.2023
(51) E04D 5/06	(72) GOERES, David	(87) EP2019025483
B32B 27/30	BERTRAND, David	16.07.2020
E04D 5/14	(31) 1872146	(22) 24.12.2019
C09J 7/24	(32) 30.11.2018	(54) A RETRACTABLE SLIDING DOOR
(11) EP3611308	(33) France	WITH AUTOMATIC ALIGNMENT TO
(21) EP19190784.9	(51) E05D 3/04	THE WALL DURING THE CLOSING
(47) 22.02.2023	E05D 11/00	PHASE
(22) 08.08.2019	E05D 3/02	(73) Terno Scorrevoli S.p.A. Unipersonale
(54) A SELF-ADHERING ROOFING	(11) EP3875716	(72) FORNASARI, Paolo
MEMBRANE	(21) EP21158433.9	(31) 201900000460
(73) SIKA TECHNOLOGY AG	(47) 22.02.2023	(32) 11.01.2019
(72) Wei, Qin	(22) 22.02.2021	(33) Italy
Wei, Yizhe	(54) HINGE FOR DOORS, WINDOWS AND	(51) E06B 3/968
Haufe, Markus	FURNITURE	(11) EP3947887
Carl, Wilfried	(73) Breuer & Schmitz GmbH & Co. KG	(21) EP20725447.5
(31) 201810937429	(72) MÜLLER, Markus	(47) 22.02.2023
(32) 17.08.2018	MÜLLER, Patrick	(87) EP2020062247
(33) China	(31) 202020101240 U	03.12.2020
(51) E04F 15/02	(32) 06.03.2020	(22) 04.05.2020
G05B 19/4097	(33) Germany	(54) METAL CORNER CONNECTOR
E04F 15/08	(51) E05F 1/12	(73) Siemens Mobility GmbH
E04F 15/10	E05F 3/20	(72) BLISSE, Johannes
(11) EP3775432	(11) EP3488063	DORNBERGER, Peter
(21) EP19715594.8	(21) EP17758948.8	HOFFMANN, Alexander
(47) 22.02.2023	(47) 22.02.2023	(31) 102019207902
(87) SE2019050277	(87) IB2017054330	(32) 29.05.2019
03.10.2019	25.01.2018	(33) Germany
(22) 27.03.2019	(22) 18.07.2017	(51) E06B 9/42
(54) SYSTEM AND METHOD FOR PRE-	(54) AUTOMATIC RETURN HINGE WITH	E06B 9/58
FABRICATION AND LAYING OUT OF	FORCE INVERTER FOR FIRE DOORS	(11) EP3825508
COVERAGE OF A ROOM SURFACE	(73) Maggi S.r.l.	(21) EP20206995.1
(73) Stibe Modul AB	(72) MAGGI, Mario	(47) 22.02.2023
(72) ALFONSSON, Håkan	MAGGI, Rosella	(22) 11.11.2020
(31) 1850337	(31) 201600075442	(54) SCREEN ASSEMBLY
(32) 27.03.2018	(32) 19.07.2016	(73) Fourds Limited
(33) Sweden	(33) Italy	(72) DIAMOND, Cormac
(51) E04F 15/10	(51) E05F 1/12	MCCULLAGH, Kevin
E04F 15/02	E05F 5/00	MCGIRR, Patrick
(11) EP3464751	E05D 7/04	MCGUINNESS, Shay
(21) EP17724490.2	(11) EP3812545	(31) 201916913
(47) 22.02.2023	(21) EP20201482.5	(32) 20.11.2019
(87) EP2017000575	(47) 22.02.2023	(33) United Kingdom
30.11.2017	(22) 27.04.2016	(51) E06B 9/68
(22) 11.05.2017	(54) DECELERATED HINGE FOR	E06B 9/84
(54) PLATE-SHAPED ELEMENTS FOR	FURNITURE	E06B 9/15
FORMING SURFACES	(73) Arturo Salice S.p.A.	E06B 9/13
(73) Ibotac GmbH & Co. KG	(72) SALICE, Luciano	(11) EP3555409
(72) VUJICIC, Bozidar	(31) MI20150619	(21) EP17835467.6
(31) 202016102748 U	(32) 30.04.2015	(47) 22.02.2023
(32) 23.05.2016	(33) Italy	(87) EP2017083109
(33) Germany	(51) E05F 15/662	21.06.2018

(22) 15.12.2017	(33) Norway	STANDARD BEST PRACTICES
(54) DOOR HAVING A FALL PROTECTION MECHANISM AND METHOD FOR TRIGGERING THE FALL PROTECTION MECHANISM	(51) E21B 33/06	PROCEDURES
(73) GABRIJEL REJC GMBH & CO. KG	(11) EP2606198	(73) Baker Hughes Holdings LLC
(72) REJC, GABRIJEL	(21) EP11746421.4	(72) CURRY, David Alexander
(31) 102016225079	(47) 22.02.2023	DASHEVSKIY, Dmitriy
(32) 15.12.2016	(87) US2011047727	MAY, Roland
(33) Germany	23.02.2012	(31) 201514925590
(51) E21B 17/10	(22) 15.08.2011	(32) 28.10.2015
E21B 29/00	(54) BLOWOUT PREVENTER WITH SHEARING BLADES AND METHOD	(33) United States of America
(11) EP3929398	(73) National Oilwell Varco, L.P.	(51) E21B 43/117
(21) EP21180845.6	(72) JAHNKE, Douglas	E21B 43/116
(47) 22.02.2023	(31) 374258 P	E21B 43/1185
(22) 22.06.2021	201161475533 P	E21B 43/263
(54) METHOD FOR SEPARATING NESTED WELL TUBULARS IN GRAVITY CONTACT WITH EACH OTHER	201113209072	E21B 29/02
(73) AARBAKKE INNOVATION AS	(32) 17.08.2010	(11) EP3559403
(72) HANSEN, HENNING	14.04.2011	(21) EP17835695.2
(31) 202063044929 P	12.08.2011	(47) 22.02.2023
(32) 26.06.2020	(33) United States of America	(87) GB2017053869
(33) United States of America	United States of America	28.06.2018
(51) E21B 23/00	(51) E21B 34/04	(22) 21.12.2017
E21B 33/12	E21B 43/013	(54) IMPROVED TOOL
(11) EP3227523	(11) EP2992175	(73) SPEX Corporate Holdings Ltd
(21) EP15805165.6	(21) EP14728367.5	(72) CHAPMAN, Barry
(47) 22.02.2023	(47) 22.02.2023	WILKIE, David James
(87) EP2015078656	(87) US2014034041	(31) 201622103
09.06.2016	06.11.2014	(32) 23.12.2016
(22) 04.12.2015	(22) 14.04.2014	(33) United Kingdom
(54) RELEASABLE RATCHET DEVICE	(54) SEALABLE WELLSITE VALVE AND METHOD OF USING SAME	(51) E21B 43/12
(73) INTERWELL TECHNOLOGY AS	(73) National Oilwell Varco, L.P.	(11) EP3936696
(72) HIORTH, ESPEN	(72) LANDRITH, James, Ray	(21) EP19918046.4
(31) 20141476	QUATTRONE, Matthew, Christopher	(47) 22.02.2023
(32) 05.12.2014	(31) 201361819003 P	(87) CN2019113970
(33) Norway	(32) 03.05.2013	10.09.2020
(51) E21B 29/00	(33) United States of America	(22) 29.10.2019
E21B 37/02	(51) E21B 34/08	(54) INTELLIGENT OIL EXTRACTION SYSTEM USING ALL-METAL SCREW PUMP
(11) EP3676474	E21B 43/04	(73) Wuxi Hengxin Beishi Technology Co., Ltd
(21) EP18762011.7	E21B 33/12	(72) LIANG, Haiyang
(47) 22.02.2023	(11) EP3730735	ZHOU, Guang
(87) EP2018070975	(21) EP20181494.4	SUN, Xuelei
07.03.2019	(47) 22.02.2023	SUN, Xueling
(22) 02.08.2018	(22) 19.10.2009	ZHANG, Zhihai
(54) MILLING TOOL	(54) SHUNT TUBE FLOWPATHS EXTENDING THROUGH SWELLABLE PACKERS	(31) 201910167981
(73) SWARFIX AS	(73) HALLIBURTON ENERGY SERVICES, INC.	(32) 06.03.2019
(72) STANGELAND, Jan	(72) SEVRE, Alf, K.	(33) China
(31) 20171418	KOLOY, Tom, R.	(51) E21B 47/00
(32) 01.09.2017	WILKINS, Allen	G01V 1/00
(33) Norway	EVERS, Rutger	G01V 1/40
(51) E21B 29/02	(31) 256063	E21B 47/12
(11) EP3959413	(32) 22.10.2008	(11) EP3294987
(21) EP20720430.6	(33) United States of America	(21) EP16793425.6
(47) 22.02.2023	(51) E21B 41/00	(47) 22.02.2023
(87) EP2020060935	G05B 19/02	(87) US2016031805
29.10.2020	E21B 43/00	17.11.2016
(22) 17.04.2020	(11) EP3368739	(22) 11.05.2016
(54) WELL TOOL DEVICE FOR FORMING A PERMANENT CAP ROCK TO CAP ROCK BARRIER AND METHOD FOR USING SAME	(21) EP16860778.6	(54) TIME CORRECTIONS FOR DRILLING DATA
(73) INTERWELL P&A AS	(47) 22.02.2023	(73) ConocoPhillips Company
(72) VEMØY ELDEVIK, Terje	(87) US2016059083	(72) CHIU, Stephen K.
(31) 20190537	04.05.2017	ANNO, Phil D.
(32) 24.04.2019	(22) 27.10.2016	(31) 201562160871 P
	(54) AUTOMATION OF ENERGY INDUSTRY PROCESSES USING STORED	(32) 13.05.2015
		(33) United States of America
		(51) E21B 47/01
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		(11) EP3714127
		(21) EP18880468.6

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(87) US2018060675	(22) 25.01.2013	F01D 9/06
31.05.2019	(54) CHISEL HOLDER	(11) EP3947917
(22) 13.11.2018	(73) Wirtgen GmbH	(21) EP20726213.0
(54) DOWNHOLE TOOL PROTECTION COVER	(72) LEHNERT, Thomas	(47) 22.02.2023
(73) BAKER HUGHES HOLDINGS LLC	BUHR, Karsten	(87) FR2020050559
(72) LALLEMAND, Marco	BARIMANI, Cyrus	08.10.2020
BERNARD, Stephan	HÄHN, Günter	(22) 16.03.2020
FROEHLING, Joern	(31) 102012101719	(54) AIRFOIL FOR A TURBOMACHINE, CORRESPONDING DISTRIBUTOR FOR A TURBOMACHINE AND TURBOMACHINE
DISSEN, Marcus	(32) 01.03.2012	(73) SAFRAN AIRCRAFT ENGINES
KRUEGER, Kevin	(33) Germany	(72) SIMON, Matthieu
(31) 201715820747	(51) F01D 1/26	BACHA, Jean-Luc
(32) 22.11.2017	F01D 5/03	DANRE, Paul
(33) United States of America	F01D 5/26	OSTINO, Léandre
(51) E21B 47/08	F01D 5/30	(31) 1903586
(11) EP3835543	F02C 3/067	(32) 03.04.2019
(21) EP19306640.4	(11) EP3953568	(33) France
(47) 22.02.2023	(21) EP20714645.7	(51) F01D 5/28
(22) 12.12.2019	(47) 22.02.2023	B05B 7/04
(54) MULTI-FINGER CALIPER	(87) EP2020059506	B05B 7/00
(73) Schlumberger Technology B.V.	15.10.2020	B05B 1/04
(72) PERRIN, Cédric	(22) 03.04.2020	B23P 6/00
LOPES, Jose Luis	(54) COUNTER-ROTATING TURBINE OF A TURBOMACHINE AND METHOD OF ASSEMBLING AN EXTERNAL MOBILE BLADING OF A COUNTER-ROTATING TURBINE	F01D 5/00
DELGADO, Miguel	(73) SAFRAN AIRCRAFT ENGINES	B05D 5/00
BECKER, Florian	(72) SULTANA, Patrick, Jean, Laurent	B05B 7/14
DAS NEVES, Pedro Alexandre	COIFFIER, Clément, Charles, Jérémy	B05B 7/08
(51) E21B 47/12	RENON, Olivier	C23C 24/04
E21B 17/02	ZAMAI, Laurent, Cédric	F01D 25/28
E21B 17/07	(31) 1903741	B05B 7/16
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(21) EP14870129.5	(33) France	(21) EP18205632.5
(47) 22.02.2023	(51) F01D 5/14	(47) 22.02.2023
(87) US2014064781	F01D 25/16	(22) 12.11.2018
18.06.2015	F01D 9/04	(54) SPRAY NOZZLE DEVICE FOR DELIVERING A RESTORATIVE COATING THROUGH A HOLE IN A CASE OF A TURBINE ENGINE
(22) 10.11.2014	(11) EP3715585	(73) General Electric Company
(54) COMPLETION SYSTEMS INCLUDING REDUCED STRESS EXPANDABLE CONTROL LINES	(21) EP20154885.6	(72) KULKARNI, Ambarish Jayant
(73) Baker Hughes Holdings LLC	(47) 22.02.2023	KESHAVAN, Hrishikesh
(72) O'BRIEN, Robert S.	(22) 31.01.2020	DEDE, Mehmet
(31) 201314100470	(54) STRUT STRUCTURE OF GAS TURBINE, AND EXHAUST DIFFUSER AND GAS TURBINE INCLUDING THE SAME	BEWLAY, Bernard Patrick
(32) 09.12.2013	(73) Doosan Enerbility Co., Ltd.	WANG, Guanghua
(33) United States of America	(72) LEE, Ik Sang	PRITCHARD, Byron
(51) E21B 47/18	HOFFMANN, Willy	IDELCHIK, Michael Solomon
E21B 21/10	YANG, Young Chan	(31) 201715812617
E21B 21/01	(31) 20190034660	(32) 14.11.2017
(11) EP3387221	(32) 26.03.2019	(33) United States of America
(21) EP16873674.2	(33) Korea (Republic)	(51) F01D 5/28
(47) 22.02.2023	(51) F01D 5/18	F04D 29/32
(87) US2016065146	F01D 5/28	F02C 7/00
15.06.2017	F01D 9/06	F04D 29/38
(22) 06.12.2016	(11) EP3808940	B64C 11/26
(54) MUD PULSE TELEMETRY WITH CONTINUOUS CIRCULATION DRILLING	(21) EP20200859.5	F01D 5/14
(73) Baker Hughes Holdings LLC	(47) 22.02.2023	F01D 21/08
(72) LEHR, Joerg	(22) 08.10.2020	(11) EP3581764
FULDA, Christian	(54) CMC AIRFOIL FOR A GAS TURBINE ENGINE WITH COOLING HOLES	(21) EP17895575.3
(31) 201514961364	(73) Raytheon Technologies Corporation	(47) 22.02.2023
(32) 07.12.2015	(72) GENERALE, Adam P.	(87) JP2017036669
(33) United States of America	DUBE, Bryan P.	16.08.2018
(51) E21C 35/183	(31) 201916653123	(22) 10.10.2017
E21C 35/18	(32) 15.10.2019	(54) FAN BLADE
(11) EP2820243	(33) United States of America	(73) IHI Corporation
(21) EP13701109.4		(72) OHBO Akane
(47) 22.02.2023		YAGI Hiroyuki
(87) EP2013051426		

(31) 2017021325	B04B 5/00	B32B 3/12
(32) 08.02.2017	B04B 13/00	G10K 11/16
(33) Japan	B04B 5/12	B29D 99/00
(51) F01D 11/12	(11) EP3591180	B32B 3/08
F01D 25/24	(21) EP19180098.6	B32B 3/26
(11) EP3931427	(47) 22.02.2023	B32B 7/12
(21) EP20721672.2	(22) 13.06.2019	G10K 11/172
(47) 22.02.2023	(54) ACTIVE OIL SEPARATOR, WORKING	B64D 33/02
(87) FR2020000045	APPARATUS AND OPERATING	B29L 31/00
10.09.2020	METHOD AND CONTROL UNIT FOR	(11) EP3674530
(22) 26.02.2020	AN ACTIVE OIL SEPARATOR	(21) EP19213401.3
(54) ASSEMBLY FOR A TURBINE OF A	(73) Bayerische Motoren Werke	(47) 22.02.2023
TURBOMACHINE	Aktiengesellschaft	(22) 04.12.2019
(73) Safran Ceramics	(72) Haidler, Alexander	(54) METHOD OF MANUFACTURING A
(72) AUPETIT, Christophe	Brandstaetter, Friedrich	SOUND ABSORPTION STRUCTURE
TESSON, Thierry	Siuka, Andreas	COMPRISING A HOLLOW-
ROUSSILLE, Clément	Enzendorfer, Stefan	WALLED PANEL INCORPORATING
CHEVALIER, Cécile	(31) 102018211080	ACOUSTIC ELEMENTS, AND SOUND
(31) 1902156	(32) 05.07.2018	ABSORPTION STRUCTURE OBTAINED
(32) 01.03.2019	(33) Germany	BY SAID METHOD
(33) France	(51) F01N 3/28	(73) Airbus Operations SAS
(51) F01D 21/04	(11) EP3851646	(72) BROSSARD, Denis
(11) EP3768951	(21) EP21150148.1	CALIMAN, Laurent
(21) EP19712742.6	(47) 22.02.2023	RAVISE, Florian
(47) 22.02.2023	(22) 05.01.2021	LE CLAINCHE, Stéphane
(87) EP2019056795	(54) GAS/GAS MIXER FOR INTRODUCING	(31) 1874135
26.09.2019	GAS INTO THE WASTE GAS FLOW OF	(32) 24.12.2018
(22) 19.03.2019	A COMBUSTION ENGINE	(33) France
(54) FAN TRACK LINER	(73) Purem GmbH	(51) F02C 7/06
(73) Rolls-Royce plc	(72) Kurpejovic, Enver	F01D 21/12
(72) HALL, Steven M	(31) 102020101134	F02K 3/06
(31) 201804568	(32) 20.01.2020	(11) EP3938637
(32) 22.03.2018	(33) Germany	(21) EP20719674.2
(33) United Kingdom	(51) F01N 13/18	(47) 22.02.2023
(51) F01K 13/02	(11) EP3814615	(87) FR2020050381
(11) EP3936703	(21) EP19732663.0	17.09.2020
(21) EP20425022.9	(47) 22.02.2023	(22) 27.02.2020
(47) 22.02.2023	(87) EP2019066715	(54) METHOD AND SYSTEM FOR
(22) 06.07.2020	02.01.2020	MONITORING A STATUS OF A
(54) POWER PLANT AND METHOD FOR	(22) 24.06.2019	REDUCTION GEARBOX OF A GAS
OPERATING SAID POWER PLANT	(54) ASSEMBLY OF AN EXHAUST HOSE	TURBINE
(73) ANSALDO ENERGIA S.p.A.	AND OF A PROTECTIVE DEVICE	(73) SAFRAN AIRCRAFT ENGINES
Ansaldo Energia Switzerland AG	(73) Renault s.a.s	(72) COUPARD, Josselin, Xavier
(72) Zanier, Sandro	(72) PINSARD, Romain	GARNIER, Almeric, Pierre, Louis
Otonello, Alberto	(31) 1855841	(31) 1902573
Pirri, Francesco	(32) 28.06.2018	(32) 13.03.2019
Simon-Delgado, Carlos	(33) France	(33) France
(51) F01K 23/02	(51) F02C 6/08	(51) F02C 7/14
(11) EP3966437	F02C 7/18	F02C 7/224
(21) EP20726940.8	F02C 9/18	F02C 7/06
(47) 22.02.2023	(11) EP3258081	(11) EP3121417
(87) IB2020054071	(21) EP17176680.1	(21) EP16180134.5
12.11.2020	(47) 22.02.2023	(47) 22.02.2023
(22) 30.04.2020	(22) 19.06.2017	(22) 19.07.2016
(54) OPTIMIZED CASCADE ORGANIC	(54) GAS TURBINE ENGINE AND METHOD	(54) INTEGRAL OILTANK HEAT
RANKINE CYCLE	TO COOL A GAS TURBINE ENGINE	EXCHANGER
(73) Turboden S.p.A.	CASE ASSEMBLY	(73) Unison Industries LLC
(72) BINI, Roberto	(73) Raytheon Technologies Corporation	(72) KENWORTHY, Michael Thomas
GAIA, Mario	(72) EVETTS, Joseph D.	STEWART, Lonnie Ray
PIETRA, Claudio	RIORDAN, William J.	(31) 201615205274
(31) 201900006589	PAPA, Federico	201562195065 P
(32) 07.05.2019	(31) 201615185820	(32) 08.07.2016
(33) Italy	(32) 17.06.2016	21.07.2015
(51) F01M 13/04	(33) United States of America	(33) United States of America
B01D 45/14	(51) F02C 7/045	United States of America
B04B 9/02	F02K 1/82	(51) F02C 7/275
B04B 9/10	B32B 37/14	F01D 15/10
	B29D 24/00	F02C 9/28

F02C 9/48	(33) Germany	(33) China
F02K 5/00	(51) F02F 7/00	(51) F02M 35/02
(11) EP3938638	F16H 55/17	F02M 35/024
(21) EP20725830.2	F16F 15/26	B01D 46/24
(47) 22.02.2023	(11) EP3677765	B01D 46/00
(87) FR2020050444	(21) EP19215814.5	F02M 35/10
24.09.2020	(47) 22.02.2023	B01D 46/58
(22) 05.03.2020	(22) 12.12.2019	(11) EP3803094
(54) METHOD FOR REGULATING THE	(54) ENGINE HOUSING ASSEMBLIES	(21) EP19730226.8
TEMPERATURE OF THE EXHAUST	(73) Ford Global Technologies, LLC	(47) 22.02.2023
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(73) SAFRAN AIRCRAFT ENGINES	DAVIES, Robert	12.12.2019
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(73) STMicroelectronics (Grand Ouest) SAS (72) CIMAZ, Lionel (31) 1908993 (32) 06.08.2019 (33) France	(73) F. Hoffmann-La Roche AG (72) POETSCHKE, Markus (31) 17184773 (32) 03.08.2017 (33) European Patent Office (EPO)	(72) PHAM COLOMBAN, Thi Mai PRÉVOT, Claude MARTINS, Paolo HLADKY- HENNION, Anne-Christine DUBUS, Bertrand
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(72) PARK, Dong Hyun	KUCHIBHOTLA, Ravi	(73) Google LLC
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TANG, Zhenfei	(51) H04L 5/00	REFERENCE SIGNAL IN WIRELESS
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(51) H04L 5/00	TRANSMITTING AND RECEIVING	(31) 201916367616
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(54) USER EQUIPMENT INVOLVED IN	YEO, Jeongho	H04W 12/30
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GUPTA, Madhav	Korea (Republic)	IUICC, ISSP OR TEE
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(54) METHOD AND APPARATUS FOR CONFIGURING SYNCHRONIZATION SIGNAL FOR D2D COMMUNICATION	United States of America	(51) H04L 45/74
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H04W 4/70	KAPOOR, Shubham	PETRUS, Margaret
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(73) Ricoh Company, Ltd.	CAPTURE, COMPUTER READABLE	(51) H04N 5/247
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OYAMA, Tadaaki	DEVICE	G06T 7/80
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(33) China China	(33) United States of America United States of America United States of America United States of America	(33) Korea (Republic) Korea (Republic)
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(22) 08.08.2019	(11) EP3017624	SMF NODE AND METHODS
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(73) Sharp Kabushiki Kaisha	FOR WIRELESS NETWORKS	(72) GAN, Ming
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(33) China	KIM, Donggun	METHOD FOR V2X COMMUNICATION
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H04W 76/25	VAN DER VELDE, Himke	SYSTEM AND DEVICE THEREFOR
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KAURA, Ricky Kumar	METHOD AND APPARATUS	METHOD FOR MANUFACTURING THE
M, Shweta	(73) Samsung Electronics Co., Ltd.	SAME
KUMAWAT, Ajay	(72) KE, Xiaowan	(73) Eberspächer catem GmbH & Co. KG

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(33) Germany	(73) Fuji Corporation	H01M 50/298
(51) H05B 6/06	(72) HIGASHIDA, Akihiro	H01M 50/287
H02M 1/34	JINDO, Takahiro	H01M 10/48
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(54) SNUBBER CIRCUIT, POWER	H05H 1/34	(11) EP3754753
SEMICONDUCTOR MODULE, AND	(11) EP3634618	(21) EP20174596.5
INDUCTION HEATING POWER SUPPLY	(21) EP18812624.7	(47) 22.02.2023
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(22) 09.10.2019	H01L 25/07	H03H 7/46
(54) DRIVING CIRCUIT AND ASSOCIATED	H01L 25/18	H05K 1/03
LAMP	H05K 7/14	H03H 1/00
(73) Signify Holding B.V.	H05K 1/11	(11) EP3501244
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(51) H05B 47/175	07.05.2020	(54) MULTI-DENSITY MIM CAPACITOR FOR
H05B 45/20	(22) 01.10.2019	IMPROVED PASSIVE ON GLASS (POG)
H05B 47/19	(54) HIGH CURRENT CIRCUIT	MULTIPLEXER PERFORMANCE
H01H 19/02	(73) Auto-Kabel Management GmbH	(73) Qualcomm Incorporated
(11) EP3466213	(72) KRATZER, Udo	(72) MUDAKATTE, Niranjan Sunil
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(47) 22.02.2023	(22) 08.06.2018	(73) Samsung Electronics Co., Ltd.
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(73) TE Connectivity Italia Distribution S.r.l.	(72) CHEN, Chao-Jung	BANG, Jungje
(72) FARINOLA, Marcello	HUANG, Yu-Nien	KOO, Kyungha
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(72) Yamamoto, Shohei	(32) 11.01.2021	(51) H05K 13/02
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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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(74) ir. W.J.J.M. Kempes	CARBOXYLATES AND THEIR USE AS	(72) Waldstätt, Manfred
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(73) Mühling GmbH & Co. KG	(51) A01N 63/22	(72) FERRER BLAS, Miguel Angel
(72) Arnold, Martin	A01P 3/00	STAVOVA, Petra
Löer, Hubertus	A01N 43/90	MANOHAR G, Praveen
Mühling, Michael	C12N 1/20	(74) ir. W.J.J.M. Kempes
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LOGINOV, Evgeny	JACKO, Michael Scot	B29C 43/36
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IMOLA SOCIETA' COOPERATIVA	MONITORING ARRANGEMENT AND	GmbH & Co. KG
(72) PUCCI, Fabrizio	METHOD FOR MONITORING THE	(72) Gelwer, Vitali
PARRINELLO, Fiorenzo	CONDITION OF SUCH A DISC BRAKE	(74) J.M.H. Duyver lic.
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AND USE THEREOF	(54) DEVICE FOR THE TEMPORARY	(11) EP3782928
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BIERDEL, Michael	TRACTOR AND TRAILER OR SEMI	(73) Jungheinrich Aktiengesellschaft
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CONZEN, Carsten	(73) Lago Accessori S.r.l.	Nowack, Adrian
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ÅSTRAND, Annika, Birgitta, Margareta	GONG, Yanchun	A61P 29/00
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(72) CHIPROOT, Avi	ULTRASONIC FLOWMETER	(72) FONG, Kin Chung
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(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3909409	(11) EP3949678	
(00) 19.10.2022	(00) 19.10.2022	
(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3909672	(11) EP3952612	
(00) 19.10.2022	(00) 19.10.2022	
(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3910429	(11) EP3954856	
(00) 19.10.2022	(00) 19.10.2022	
(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3913168	(11) EP3956230	
(00) 19.10.2022	(00) 19.10.2022	
(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3915809	(11) EP3957023	
(00) 19.10.2022	(00) 19.10.2022	
(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3916211	(11) EP3964915	
(00) 19.10.2022	(00) 19.10.2022	
(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3917871	(11) EP3965974	
(00) 19.10.2022	(00) 19.10.2022	
(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3918619	(11) EP3967915	
(00) 19.10.2022	(00) 19.10.2022	
(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3921541	(11) EP3972526	
(00) 19.10.2022	(00) 19.10.2022	
(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3929075	(11) EP3974108	
(00) 19.10.2022	(00) 19.10.2022	
(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3932501	(11) EP3975670	
(00) 19.10.2022	(00) 19.10.2022	

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

(11) 2032922
(48) 22.02.2023
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(51) C05F 5/00

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(00) Proceedings Interruption: Legal
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(51) A23G 1/00
A23G 1/20
A23G 3/02
A23G 3/20
A23G 3/34
F04B 7/06

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) RENK GmbH	(11) EP3676746	(73) Chr. Hansen HMO GmbH
(73) RENK GmbH	(00) 08.02.2023	(11) EP2896628
(11) EP2090508	(51) G06Q 20/02	(00) 07.02.2023
(00) 07.02.2023	G06Q 20/08	(51) A61K 31/702
(51) B63H 21/17	G06Q 20/38	C07H 1/08
B63H 23/24	G06F 21/85	C07H 3/06
H02J 5/00	(00) Assignment	C12P 19/14
H02J 9/00	(71) Liauw Participatie B.V.	A23L 5/00
(00) Assignment	(73) Liauw Participatie B.V.	A23L 29/30
(71) Nordahl Andersen ApS	(11) 2018405	A23L 33/00
(73) Nordahl Andersen ApS	(00) 08.02.2023	A23L 33/21
(11) EP2982261	(51) A62D 1/00	(00) Change of owner(s) name
(00) 07.02.2023	A62D 1/02	(71) OXEHEALTH LIMITED
(51) A44C 5/20	(00) Assignment	(73) OXEHEALTH LIMITED
A44C 7/00	(71) REAC AB	(11) EP3230751
A44C 11/00	(73) REAC AB	(00) 06.02.2023
A44C 13/00	(11) EP3011940	(51) G01R 23/167
A44C 15/00	(00) 08.02.2023	A61B 5/00
A44C 25/00	(51) A61G 5/10	A61B 5/1455
(00) Assignment	A61G 5/04	A61B 5/024
(71) Takeda Pharmaceutical Company Limited	(00) Assignment	(00) Assignment
(73) Takeda Pharmaceutical Company Limited	(71) Chr. Hansen HMO GmbH	(71) Chr. Hansen HMO GmbH
(11) EP1503788	(73) Chr. Hansen HMO GmbH	(73) Chr. Hansen HMO GmbH
(00) 07.02.2023	(11) EP2440661	(11) EP2769726
(51) A61K 38/43	(00) 07.02.2023	(00) 07.02.2023
A61K 38/47	(51) C12N 1/00	(51) A61K 31/702
(00) Assignment	C12N 9/10	A61K 31/715
(71) InterDigital CE Patent Holdings, SAS	C12N 15/63	A61P 31/14
(73) InterDigital CE Patent Holdings, SAS	C12N 15/70	(00) Change of owner(s) name
(11) EP1773078	C12P 19/00	(71) Chr. Hansen HMO GmbH
(00) 01.02.2023	C12P 19/18	(73) Chr. Hansen HMO GmbH
(51) H04W 12/08	(00) Change of owner(s) name	(11) EP2927316
(00) Assignment	(71) RENK GmbH	(00) 07.02.2023
(71) Merck Sharp & Dohme LLC	(73) RENK GmbH	(51) C12N 9/10
(73) Merck Sharp & Dohme LLC	(11) EP3557962	C12N 15/70
(11) EP2931313	(00) 07.02.2023	C12P 19/04
(00) 08.02.2023	(51) H02B 1/36	C12P 19/18
(51) A61K 39/395	H05K 7/14	(00) Change of owner(s) name
A61P 37/00	A47B 88/00	(71) Liauw Participatie B.V.
C07K 16/24	(00) Assignment	(73) Liauw Participatie B.V.
(00) Merge	(71) Chr. Hansen HMO GmbH	(11) 2022567
(71) Takeda Pharmaceutical Company Limited	(73) Chr. Hansen HMO GmbH	(00) 08.02.2023
(73) Takeda Pharmaceutical Company Limited	(11) EP2944690	(51) A62D 1/00
(11) EP2595651	(00) 07.02.2023	C09K 21/12
(00) 07.02.2023	(51) C12N 9/10	C09K 21/14
(51) A61K 38/47	(00) Change of owner(s) name	(00) Assignment
(00) Assignment	(71) Donderdop B.V.	(71) CLSN Laboratories, Inc.
(71) Chr. Hansen HMO GmbH	(73) TI-GREEN IP B.V.	(73) CLSN Laboratories, Inc.
(73) Chr. Hansen HMO GmbH	(11) 2020519	(11) EP2414322
(11) EP2728009	(00) 06.02.2023	(00) 07.02.2023
(00) 07.02.2023	(51) F24D 13/04	(51) C07C 235/10
(51) C12N 15/70	H05B 6/10	C07C 235/60
C12P 19/18	(00) Change of owner(s) name	A61K 47/16
(00) Change of owner(s) name	(71) TI-GREEN IP B.V.	A61K 31/7088
(71) Bitfold AG	(73) TI-GREEN IP B.V.	A61K 31/713
(73) Bitfold AG	(11) 2020519	C07H 15/10
	(00) 06.02.2023	C07D 475/04
	(51) F24D 13/04	C07K 7/23
	H05B 6/10	C07K 7/64
	(00) Assignment	C07C 233/38
	(71) Chr. Hansen HMO GmbH	A61K 9/127

A61K 47/69	(73) Karl Wörwag Lack- und Farbenfabrik
A61K 47/54	GmbH & Co. KG
(00) Assignment	cellcentric GmbH & Co. KG
(71) Swaving Techniek en Constructie B.V.	(11) EP3560020
(73) Swaving Techniek en Constructie B.V.	(00) 07.02.2023
(11) 2024452	(51) H01M 8/0221
(00) 08.02.2023	H01M 8/0226
(51) A01K 1/12	H01M 8/0254
(00) Assignment	H01M 8/1018
(71) staex GmbH	(00) Assignment
(73) staex GmbH	(71) Karl Wörwag Lack- und Farbenfabrik
(11) EP3528112	GmbH & Co. KG
(00) 08.02.2023	Mercedes-Benz Group AG
(51) G06F 9/50	(73) Karl Wörwag Lack- und Farbenfabrik
G06F 9/44	GmbH & Co. KG
(00) Assignment	cellcentric GmbH & Co. KG
(71) Grant Prideco, Inc.	(11) EP3560020
(73) Grant Prideco, Inc.	(00) 07.02.2023
(11) EP3501968	(51) H01M 8/0221
(00) 07.02.2023	H01M 8/0226
(51) H02J 15/00	H01M 8/0254
E21B 41/00	H01M 8/1018
B63B 29/12	(00) Change of owner(s) name
(00) Assignment	(71) NOV International Holdings C.V.
(71) NOV International Holdings C.V.	(73) Grant Prideco, Inc.
(73) Grant Prideco, Inc.	(11) EP3049609
(11) EP3501968	(00) 07.02.2023
(00) 07.02.2023	(51) E21B 21/06
(51) H02J 15/00	(00) Assignment
E21B 41/00	(71) OXEHEALTH LIMITED
B63B 29/12	(73) OXEHEALTH LIMITED
(00) Assignment	(11) EP3302233
(71) OXEHEALTH LIMITED	(00) 06.02.2023
(73) OXEHEALTH LIMITED	(51) A61B 5/00
(11) EP3232908	A61B 5/1455
(00) 06.02.2023	A61B 5/024
(51) A61B 5/00	A61B 5/08
A61B 5/026	G06T 7/00
(00) Assignment	(00) Assignment
(71) RIKKSEN	(71) oxylabs, UAB
(73) RIKKSEN	(73) oxylabs, UAB
(11) EP3408567	(11) EP3900240
(00) 07.02.2023	(00) 08.02.2023
(51) E04D 13/04	(51) H04L 43/08
F16L 7/02	H04L 41/50
F16L 21/035	(00) Change of owner(s) name
F16L 25/14	(71) Grant Prideco, Inc.
(00) Assignment	(73) Grant Prideco, Inc.
(71) Chr. Hansen HMO GmbH	(11) EP3049609
(73) Chr. Hansen HMO GmbH	(00) 07.02.2023
(11) EP3315610	(51) E21B 21/06
(00) 07.02.2023	(00) Assignment
(51) C12N 1/21	
C12N 9/10	
C12N 9/12	
C12P 19/18	
(00) Change of owner(s) name	
(71) OXEHEALTH LIMITED	
(73) OXEHEALTH LIMITED	
(11) EP2747633	
(00) 06.02.2023	
(51) A61B 5/0205	
(00) Assignment	
(71) Karl Wörwag Lack- und Farbenfabrik	
GmbH & Co. KG	
cellcentric GmbH & Co. KG	

TVH

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

UP1

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

UP2

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

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

UP3

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).