



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](http://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.

#### *Bezoekadres:* **Octrooicentrum Nederland**

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Bankrekeningnummer:

Voor taksen en depotrekeningen:

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](http://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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Account:

Fees, deposit accounts:

ING 0705001296

Iban: NL41INGB070500129

BIC: INGBNL2A

<b>Inhoudsopgave</b>	<b>Blz. Content</b>	<b>Page</b>
<b>Rubriek NP1</b> Bevat gegevens betreffende octrooiaanvragen die zijn ingeschreven op grond van de Octrooiwet 1995.	<b>7 Heading NP1</b> Contains data concerning Netherlands patent applications which have been entered in the patent register under the Patents Act 1995.	<b>7</b>
<b>Rubriek NP2</b> Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	<b>10 Heading NP2</b> Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	<b>10</b>
<b>Rubriek NP3</b> Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995.	<b>13 Heading NP3</b> Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995.	<b>13</b>
<b>Rubriek EP1</b> Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen.	<b>14 Heading EP1</b> Contains data concerning translations of the conclusions of European patent applications.	<b>14</b>
<b>Rubriek EP2</b> Bevat gegevens betreffende voor Nederland verleende Europese octrooien.	<b>15 Heading EP2</b> Contains data concerning European patents granted for The Netherlands.	<b>15</b>
<b>Rubriek EP3</b> Bevat gegevens betreffende voor Nederland verleende Europese octrooien waarvoor een vertaling is ingediend conform artikel 52 lid 1 of 6 van de Octrooiwet 1995.	<b>312 Heading EP3</b> 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.	<b>312</b>
<b>Rubriek EP4</b> Bevat gegevens betreffende voor Nederland verleende gewijzigde Europese octrooien.	<b>365 Heading EP4</b> Contains data concerning European patents granted in amended form for the Netherlands.	<b>365</b>
<b>Rubriek EP5</b> Bevat gegevens betreffende voor Nederland verleende gewijzigde	<b>366 Heading EP5</b> Contains data concerning European patents granted in amended form for	<b>366</b>

Europese octrooien waarvoor een gewijzigde vertaling is ingediend.	The Netherlands in which an amended translation was filed.	
<b>Rubriek SPC</b> Bevat gegevens betreffende ingeschreven en verleende certificaten	<b>367Heading SPC</b> Contains data concerning applications for- or granted Supplementary Protection Certificates.	<b>367</b>
<b>Rubriek VB1</b> Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.	<b>368Heading VB1</b> Contains data concerning requests and notices of opposition under the General administrative law.	<b>368</b>
<b>Rubriek VB2</b> Bevat gegevens betreffende rechten waarin een beslissing is genomen of waarvoor een nieuwheidsrapport is uitgegaan op een verzoek- of bezwaarschrift conform de Octrooiwet 1995.	<b>371Heading VB2</b> 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.	<b>371</b>
<b>Rubriek MED</b> Bevat gegevens betreffende overige mededelingen.	<b>372Heading MED</b> Contains data concerning other communications.	<b>372</b>
<b>Rubriek VRV</b> Bevat gegevens betreffende verval of nietigverklaring.	<b>373Heading VRV</b> Contains data concerning lapse or annulment.	<b>373</b>
<b>Rubriek VRB</b> Bevat gegevens betreffende verbeteringen op eerdere publicaties.	<b>426Heading VRB</b> Contains data concerning corrections on earlier publications.	<b>426</b>
<b>Rubriek CO</b> Bevat gegevens betreffende wijzigingen in het octrooiregister.	<b>427Heading CO</b> Contains data concerning changes in the Netherland patent register.	<b>427</b>
<b>Rubriek TVH</b> Bevat gegevens betreffende topografieën van halfgeleiderproducten.	<b>428Heading TVH</b> Contains data concerning depots of original topographies of semi-conductor products.	<b>428</b>

## Overzicht van Inid codes

### INID CODES

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

- (11) Octrooinummer
- (13) Soort document volgens WIPO standaard 16
- (15) Correctie informatie
- (21) Octrooiaanvraagnummer
- (22) Datum van indiening
- (23) Datum tentoonstelling
- (25) Taal van indiening
- (26) Taal waarin de aanvraag is gepubliceerd
- (30) Voorrangsgegevens
- (31) Nummer voorrang
- (32) Datum voorrang
- (33) Land van herkomst voorrang
- (34) Oorspronkelijk land van indiening
- (40) Datum van inschrijving
- (41) Datum van inschrijving van een octrooiaanvraag
- (42) Datum van inschrijving van een onderzochte aanvraag (openbaarmaking)
- (43) Datum waarop de aanvraag ter inzage is gelegd

### INID CODES

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

- (11) Patent number
- (13) Kind of document code according to WIPO standard ST.16
- (15) Patent correction information
- (21) Application number
- (22) Date(s) of filing application(s)
- (23) Date of exhibition
- (25) Language in which the published application was originally filed
- (26) Language in which the application is published
- (30) Priority Data
- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filling of priority application(s)
- (33) WIPO Standard ST.3 Code indentifying the national patent office allotting the priority application number or the organization allotting the regional priority application number: for international applications filed under the PCT, the code "WO" is used.
- (34) For priority fillings under the regional or international arrangements, the WIPO Standard ST.3 Code indentifying at least one country party to the Paris Union for which the regional or international application was made.
- (40) Date(s) of making available to the public
- (41) Date of making available to the public by viewing, or copying on request an unexamined patent document, on which no grant has taken place on or before the said date.
- (42) Date of making available to the public by viewing, or copying on request an examined patent document, on which no grant has taken place on or before the said date.
- (43) Date of publication by printing or similar process of anexamined document on which no grant has taken place on or before said date

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

**Rubrieken/Headings**

**NP1**

**Nederlandse octrooiaanvragen die zijn ingeschreven op grond van de Octrooiwet 1995.  
Contains data concerning Netherlands patent applications which have been entered in the patent register under the Patents Act 1995.**

(51) A01G 9/02	(21) 2020819	(54) Apparatus and method for treating a relief plate precursor
(21) 2022739	(22) 24.04.2018	(71) Xeikon Prepress N.V.
(22) 14.03.2019	(54) A CO TO CO2 COMBUSTION PROMOTER	(74) ir. P.J. Hylarides c.s.
(54) Vertical Greening and Energy-saving Device	(71) COCHISE TECHNOLOGY, LLC	(72) Bart Wattyn
(71) Jiangsu Vocational Institute of Architectural Technology	(74) ir. M. Cramwinckel	(41) 05.11.2019
(74) ir. M.F.J.M. Ketelaars c.s.	(72) Guido Aru	(51) B60R 1/074
(72) Hui Liu	(41) 31.10.2019	(21) 2020820
(41) 05.11.2019	(51) B23B 49/02	(22) 24.04.2018
(31) 201820601256.1	(21) 2022214	(54) Verstelinstrument, in het bijzonder voor het verstellen van een buitenzictheheid van een voertuig
(32) 25.04.2018	(22) 14.12.2018	(71) MCi (Mirror Controls International) Netherlands B.V.
(33) China	(54) Boormal	(74) ir. H.A. Witmans c.s.
(51) A46B 13/00	(62) 2020770	(72) Rudolf Pieter Hoogenboom
A46B 3/14	(71) BouwRob BV	Jannick Daniël Wijntjes
(21) 1042842	(74) dr. A.V. Huygens	(41) 31.10.2019
(22) 25.04.2018	(72) Arend de Graaf	(51) B65D 81/07
(54) Schotelborstel voor veegmachines	Emiel van der Klip	B65D 5/50
(71) KOTI Onroerend Goed b.v.	(51) B26B 1/04	(21) 1042834
(72) Michel Jozef René Lambert Huybreckx	(21) 2020828	(22) 23.04.2018
(41) 05.11.2019	(22) 26.04.2018	(54) Makkelijk op te zetten hermetische, schokwerende transportverpakking
(51) A47K 13/24	(54) Folding knife and replaceable bit for use with said folding knife	(71) Anderling B.V.
(21) 1042833	(71) KATO Group B.V.	Snel B.V.
(22) 24.04.2018	(74) ir. F.A. Geurts c.s.	(72) ir. Hendrik Christiaan Adolf Hoekstra
(54) Alarminrichting voor een toiletzitting met middelen om een alarmsignaal af te geven ingeval er wordt gedetecteerd dat er geen gebruiker op de toiletzitting zit en er gelijktijdig een vloestofstraal in de toiletpot wordt gestort	(72) Frans Albert Wiersma	(41) 31.10.2019
(71) Kayserí Holding BV	(41) 05.11.2019	(51) B65D 17/00
(72) Aytekin Güç	(51) B29C 64/25	A47K 5/06
(41) 05.11.2019	B29C 64/106	B65D 37/00
(51) A61B 17/04	B33Y 30/00	B65D 77/20
A61B 17/062	(21) 2020814	(21) 1042841
A61B 17/06	(22) 24.04.2018	(22) 25.04.2018
(21) 2020824	(54) Additive manufacturing system with isolated build chamber	(54) Verpakking voor shampoo etc. met een volume voldoende voor één gebruiksbeurt, en verder een inrichting voor het openen van een dergelijke verpakking met perslichamen en perforerelementen om de verpakking te perforeren om de shampoo de doen uitstromen
(22) 25.04.2018	(71) Ultimaker B.V.	(71) InvesToros BV
(54) Needle-suture combination, needle holder and surgical suture apparatus	(74) ir. M.F.J.M. Ketelaars c.s.	(72) Etienne Herman Walter Blondeel
(71) Mellon Medical B.V.	(72) Johan Andreas Versteegh	(41) 05.11.2019
(74) ir. J.C. Volmer c.s.	Marvin Hendrikus Theodorus Timmers	(51) B65G 21/20
(72) Mark-Paul Franciscus Maria Vrancken Peeters	Robert Huitema	(21) 2020833
(41) 05.11.2019	Matthijs Wouter Marc Neut	(22) 26.04.2018
(51) B01J 37/02	(41) 31.10.2019	(54) Apparatus and method for treating a relief plate precursor
B01J 21/04	(51) B41C 1/02	(71) Xeikon Prepress N.V.
B01J 21/12	B41N 3/00	(74) ir. P.J. Hylarides c.s.
B01J 23/42	G03F 7/26	(72) Bart Wattyn
B01J 23/44	(21) 2020836	(41) 05.11.2019
B01J 23/63	(22) 26.04.2018	(51) B41C 1/02
B01J 35/00	(54) Apparatus and method for treating a relief plate precursor	B41N 3/00
B01J 35/02	(71) Xeikon Prepress N.V.	G03F 7/26
B01J 35/10	(74) ir. P.J. Hylarides c.s.	(21) 2020835
B01J 37/00	(72) Bart Wattyn	(22) 26.04.2018
B01D 53/00	(41) 05.11.2019	(54) Sealing apron device
C10G 11/00	(51) B41C 1/02	(71) TBK Group B.V.
	B41N 3/00	
	G03F 7/26	
	(21) 2020835	
	(22) 26.04.2018	
	(54) Sealing apron device	
	(71) TBK Group B.V.	

(74) ir. F.A. Geurts c.s.	(22) 23.04.2018	F24H 1/14
(72) Albertus Kelderman	(54) Building construction with a sandwich panel	(21) 2020816
(41) 05.11.2019	wall and method of fire proofing such a	(22) 24.04.2018
(51) B66C 1/10	building construction	(54) Oil fired boiler
B66C 1/54	(71) InterDam Holding B.V.	(71) Kabola Heating Systems B.V.
(21) 2020809	(74) ir. H.A. Witmans c.s.	(74) mr. ir. J. van Breda c.s.
(22) 23.04.2018	(72) Paulus Cornelis Goudswaard	(72) Arie Aart van Soolingen
(54) A lifting tool	Johannes Elizabeth Maria Egberts	(41) 31.10.2019
(71) IHC Holland IE B.V.	(41) 31.10.2019	(51) F24H 1/00
(74) ir. A.R. Aalbers	(51) E04B 2/00	F24H 1/10
(72) Albertus Knol	(21) 2023016	(21) 2020817
Griffin Lorens Hendrik Stuip	(22) 26.04.2019	(22) 24.04.2018
Henricus Gerardus Andreas van Vessem	(54) an assembly type building wall joint device	(54) Heating system
Boudewijn Casper Jung	(71) Jiangsu Vocational Institute of Architectural	(71) Kabola Heating Systems B.V.
(41) 31.10.2019	Technology	(74) mr. ir. J. van Breda c.s.
(51) B66C 1/66	(74) ir. M.F.J.M. Ketelaars c.s.	(72) Arie Aart van Soolingen
B65D 88/58	(72) Wei Jing	(41) 31.10.2019
(21) 2020821	(31) CN201820619940.2	(51) G01B 5/18
(22) 25.04.2018	(32) 27.04.2018	G01B 5/004
(54) Werkwijze voor het transporteren van bulk	(33) China	(21) 1042839
materiaal, alsmede container	(51) E04G 3/30	(22) 23.04.2018
(71) Multilift Chile S.p.A.	E04G 3/32	(54) ZELFKLEMMENDE INRICHTING
(74) ir. J.M.G. Dohmen c.s.	(21) 2020826	VOOR HET MONITOREN
(72) Pedro Paulo Fatorelli Carneiro	(22) 25.04.2018	VAN VERZAKKINGEN VAN
(41) 05.11.2019	(54) SUPPORT FOR A SUSPENDED	ONDERGRONDSE LEIDINGEN EN
(51) C12N 9/04	PLATFORM	KABELS
C12N 15/63	(71) Altrex B.V.	(71) Simon Hartensveld
(21) 2020823	(74) dr. A. Krebs	(72) Simon Hartensveld
(22) 25.04.2018	(72) Maarten Bertus Hogervorst	(41) 31.10.2019
(54) NAD+ dependent 7β-hydroxysteroid	Sjaak Stehouwer	(51) G01M 1/22
dehydrogenase	(41) 05.11.2019	G01M 5/00
(71) Technische Universiteit Delft	(51) E04G 21/18	G01M 7/02
(74) ir. J.C. Volmer c.s.	E04G 5/00	G01N 3/32
(72) Fabio Tonin	(21) 2020852	(21) 2020815
Isabella Wilhelmina Christina Everdina	(22) 01.05.2018	(22) 24.04.2018
Arends	(54) Stelinrichting, systeem en werkwijze voor	(54) Resonant fatigue testing
(41) 05.11.2019	het uitlijnen van een te metselen of te lijmen	(71) ONDERZOEKSCENTRUM VOOR
(51) D06F 58/28	muur	AANWENDING VAN STAAL N.V.
F26B 13/00	(71) OCA B.V.	(74) ir. J.C. Volmer c.s.
F26B 23/00	(74) ir. P.J. Hylarides c.s.	(72) Jeroen Stijn Juliaan Van Wittenberghe
(21) 2020825	(72) Peter Wermink	Philippe Octave Thibaux
(22) 25.04.2018	(41) 31.10.2019	(41) 31.10.2019
(54) Installatie en werkwijze voor het drogen van	(31) 2020811	(51) G02B 5/08
wasgoed	(32) 23.04.2018	(21) 2022968
(71) TECHNISCH BUREAU REINDERS B.V.	(33) Netherlands	(22) 17.04.2019
(74) ir. H.Th. van den Heuvel c.s.	(51) A01C 23/04	(54) Contamination-repellent mirror and method
(72) Henk Klatter	F16L 37/00	for producing the same
Philip Gerard Hendrik Poeth	(21) 2022128	(71) Fraunhofer-Gesellschaft zur Förderung der
Jakob Hendrik Reinders	(22) 04.12.2018	angewandten Forschung e.V.
(41) 05.11.2019	(54) MESTVOERTUIG, SAMENSTEL	Friedrich-Schiller-Universität Jena
(51) E02B 17/00	VAN EEN MESTPUNT EN EEN	(74) ir. M.F.J.M. Ketelaars c.s.
F16B 7/04	MESTVOERTUIG EN WERK#ZE VOOR	(72) Sven Schröder
E04H 12/08	HET OVERBRENGEN VAN DRIJFMEST	Nadja Felde
F03D 13/25	(71) Vredo Beheer B.V.	Luisa Coriand
E02B 17/02	(74) ir. P.J. Hylarides c.s.	Marcus Trost
(21) 1042844	(72) Johannes de Vree	Gunther Notni
(22) 26.04.2018	(41) 04.11.2019	(31) 10 2018 110 251.8
(54) Assembly with a pipe connection comprising	(51) F16L 55/11	(32) 27.04.2018
ring contact surfaces	F16L 55/13	(33) Germany
(71) KCI The Engineers BV	(21) 1042843	(51) G03F 1/62
(74) ir. H.A. Witmans c.s.	(22) 25.04.2018	G03F 7/20
(72) Klaas Boudewijn van Gelder	(54) Closing-off Plug for Pipe Ends stopping High	G03F 1/22
(41) 05.11.2019	Pressure Shocks.	(21) 2023682
(51) E04C 2/292	(71) Henri Liekens	(22) 22.08.2019
E04B 1/94	(72) Henri Liekens	(54) PELLICLE AND PELLICLE ASSEMBLY
E04B 1/24	(41) 05.11.2019	(62) 2022101
(21) 2020810	(51) F23C 3/00	(71) ASML Netherlands B.V.



ASML Holding N.V.	(51) G03F 7/20	(71) ASML Netherlands B.V.
(74) ir. A.J. Maas	(21) 2022961	(74) ir. A.J. Maas
(72) David Ferdinand Vles	(22) 17.04.2019	(72) Andrey Nikipelov
Erik Achilles Abegg	(54) SYSTEM FOR TESTING A MIRROR	Johan Franciscus Maria Beckers
Aage Bendiksen	SUCH AS A COLLECTOR MIRROR AND	(51) B44B 5/00
Pieter-Jan van Zwol	METHOD OF TESTING A MIRROR SUCH	B44B 5/02
Derk Servatius Gertruda Brouns	AS A COLLECTOR MIRROR	G06Q 20/34
Paul Janssen	(71) ASML Netherlands B.V.	B42D 25/425
Arnoud Willem Notenboom	(74) ir. A.J. Maas	B42D 25/22
Mária Péter	(72) Johannes Christiaan Leonardus Franken	B42D 25/23
Willem Joan van der Zande	(31) 18169481.1	B42D 25/373
Maxim Aleksandrovich Nasalevich	(32) 26.04.2018	(21) 1042838
Marcus Adrianus van de Kerkhof	(33) European Patent Office (EPO)	(22) 23.04.2018
Johannes Petrus Martinus Bernardus	(51) G03F 7/20	(54) Werkwijze en systeem voor solide registratie
Vermeulen	(21) 2022779	van beveiligingscodes voor cryptogeld etc.
Willem-Pieter Voorthuizen	(22) 21.03.2019	waarbij de karakters van die codes door
Pradeep Govil	(54) TUBULAR LINEAR ACTUATOR,	middel van slagstempels in een metalen
James Norman Wiley	PATTERNING DEVICE MASKING	codeplaat worden gestempeld
(31) 62/328,291	DEVICE AND LITHOGRAPHIC	(71) CRYPTOTAG
62/365,524	APPARATUS	(72) Adrijan Seekic
15200767.0	(71) ASML Netherlands B.V.	(41) 31.10.2019
(32) 27.04.2016	(74) ir. A.J. Maas	
22.07.2016	(72) Peter Michel Silvester Maria Heijmans	
17.12.2015	Olof Martinus Josephus Fischer	
(33) United States of America	Maarten Hartger Kimman	
United States of America	Edwin van Horne	
European Patent Office (EPO)	Antonie Hendrik Verweij	
(51) G03F 7/20	(31) 18169161.9	
(21) 2022862	(32) 25.04.2018	
(22) 04.04.2019	(33) European Patent Office (EPO)	
(54) Frame assembly, lithographic Apparatus and	(51) G03F 7/20	
device manufacturing method	(21) 2022752	
(71) ASML Netherlands B.V.	(22) 18.03.2019	
(74) ir. A.J. Maas	(54) Pneumatic support device and lithographic	
(72) Jeroen Pieter Starreveld	apparatus with pneumatic support device.	
Hans Butler	(71) ASML Netherlands B.V.	
Cornelius Adrianus Lambertus de Hoon	(74) ir. A.J. Maas	
Joep Sander de Beer	(72) Jeroen Pieter Starreveld	
Martinus van Duijnhoven	Hans Butler	
Maurice Willem Jozef Etiënne Wijckmans	Cornelius Adrianus Lambertus de Hoon	
(31) 18169261.7	Joep Sander de Beer	
(32) 25.04.2018	Martinus van Duijnhoven	
(33) European Patent Office (EPO)	Maurice Willem Jozef Wijckmans	
(51) G03F 7/20	(31) 18169148.6	
(21) 2022852	(32) 25.04.2018	
(22) 03.04.2019	(33) European Patent Office (EPO)	
(54) ALIGNMENT SENSOR APPARATUS FOR	(51) G03F 7/20	
PROCESS SENSIVITY COMPENSATION	(21) 2022818	
(71) ASML Netherlands B.V.	(22) 27.03.2019	
ASML Holding N.V.	(54) STAGE APPARATUS, LITHOGRAPHIC	
(74) ir. A.J. Maas	APPARATUS, CONTROL UNIT AND	
(72) Simon Reinald Huisman	METHOD	
Tamer Mohamed Tawfik Ahmed Mohamed	(71) ASML Netherlands B.V.	
Elazhary	(74) ir. A.J. Maas	
Yuxiang Lin	(72) Gijs Kramer	
Vu Quang Tran	Benjamin Cunneghonda Henricus Smeets	
Krishanu Shome	Mark Johannes Hermanus Frencken	
Justin Lloyd Kreuzer	Ringo Petrus Cornelis van Dorst	
Igor Matheus Petronella Aarts	(31) 18169639.4	
Irit Tzemah	19150671.6	
Sebastianus Adrianus Goorden	(32) 26.04.2018	
Christopher John Mason	08.01.2019	
(31) 62/662,976	(33) European Patent Office (EPO)	
62/795,174	European Patent Office (EPO)	
(32) 26.04.2018	(51) G03F 7/20	
22.01.2019	(21) 2023893	
(33) United States of America	(22) 25.09.2019	
United States of America	(54) An Object in a Lithographic Apparatus	

## NP2

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

(51) A01G 9/02	(54) A CO TO CO2 COMBUSTION PROMOTER	(73) KONINKLIJKE NOOTEBOOM GROUP B.V.
(11) 2022739	(73) COCHISE TECHNOLOGY, LLC	(72) Vincentius Hendricus Antony van de Vondevoot
(47) 05.11.2019	(72) Guido Aru	(74) ir. P.J. Hylarides c.s.
(22) 14.03.2019	(74) ir. M. Cramwinckel	
(54) Vertical Greening and Energy-saving Device	(51) B26B 1/04	(51) B60R 1/074
(73) Jiangsu Vocational Institute of Architectural Technology	(11) 2020828	(11) 2020820
(72) Hui Liu	(47) 05.11.2019	(47) 31.10.2019
(74) ir. M.F.J.M. Ketelaars c.s.	(22) 26.04.2018	(22) 24.04.2018
(31) 201820601256.1	(54) Folding knife and replaceable bit for use with said folding knife	(54) Verstelinstrument, in het bijzonder voor het verstellen van een buitenzichteenheid van een voertuig
(32) 25.04.2018	(73) KATO Group B.V.	(73) MCi (Mirror Controls International) Netherlands B.V.
(33) China	(72) Frans Albert Wiersma	(72) Rudolf Pieter Hoogenboom Jannick Daniël Wijntjes
(51) A46B 13/00	(74) ir. F.A. Geurts c.s.	(74) ir. H.A. Witmans c.s.
A46B 3/14	(51) B29C 64/25	(51) B65D 81/07
(11) 1042842	B29C 64/106	B65D 5/50
(47) 05.11.2019	B33Y 30/00	(11) 1042834
(22) 25.04.2018	(11) 2020814	(47) 31.10.2019
(54) Schotelborstel voor veegmachines	(47) 31.10.2019	(22) 23.04.2018
(73) KOTI Onroerend Goed b.v.	(22) 24.04.2018	(54) Makkelijk op te zetten hermetische, schokwerende transportverpakking
(72) Michel Jozef René Lambert Huybreckx	(54) Additive manufacturing system with isolated build chamber	(73) Anderling B.V. Snel B.V.
(51) A47K 13/24	(73) Ultimaker B.V.	(72) ir. Hendrik Christiaan Adolf Hoekstra
(11) 1042833	(72) Johan Andreas Versteegh	(51) B65D 17/00
(47) 05.11.2019	Marvin Hendrikus Theodorus Timmers	A47K 5/06
(22) 24.04.2018	Robert Huitema	B65D 37/00
(54) Alarminrichting voor een toiletzitting met middelen om een alarmsignaal af te geven ingeval er wordt gedetecteerd dat er geen gebruiker op de toiletzitting zit en er gelijktijdig een vloeistofstraal in de toiletpot wordt gestort	Matthijs Wouter Marc Neut	B65D 77/20
(73) Kayserí Holding BV	(74) ir. M.F.J.M. Ketelaars c.s.	(11) 1042841
(72) Aytekin Güç	(51) B41C 1/02	(47) 05.11.2019
(51) A61B 17/04	B41N 3/00	(22) 25.04.2018
A61B 17/062	G03F 7/26	(54) Verpakking voor shampoo etc. met een vo- lume voldoende voor één gebruiksbeurt, en verder een inrichting voor het openen van een dergelijke verpakking met pers- lichamen en perforerelementen om de verpakking te perforeren om de shampoo de doen uitstromen
A61B 17/06	(11) 2020836	(73) InvesToros BV
(11) 2020824	(47) 05.11.2019	(72) Etienne Herman Walter Blondeel
(47) 05.11.2019	(22) 26.04.2018	(51) B65G 21/20
(22) 25.04.2018	(54) Apparatus and method for treating a relief plate precursor	(11) 2020833
(54) Needle-suture combination, needle holder and surgical suture apparatus	(73) Xeikon Prepress N.V.	(47) 05.11.2019
(73) Mellon Medical B.V.	(72) Bart Wattyn	(22) 26.04.2018
(72) Mark-Paul Franciscus Maria Vrancken Peeters	(74) ir. P.J. Hylarides c.s.	(54) Sealing apron device
(74) ir. J.C. Volmer c.s.	(51) B41C 1/02	(73) TBK Group B.V.
(51) B01J 37/02	B41N 3/00	(72) Albertus Kelderman
B01J 21/04	G03F 7/26	(74) ir. F.A. Geurts c.s.
B01J 21/12	(11) 2020835	(51) B65G 21/20
B01J 23/42	(47) 05.11.2019	(11) 2020834
B01J 23/44	(22) 26.04.2018	(47) 05.11.2019
B01J 23/63	(54) Apparatus and method for treating a relief plate precursor	(22) 26.04.2018
B01J 35/00	(73) Xeikon Prepress N.V.	(54) Sealing apron device
B01J 35/02	(72) Bart Wattyn	(73) TBK Group B.V.
B01J 35/10	(74) ir. P.J. Hylarides c.s.	(72) Albertus Kelderman
B01J 37/00	(51) B60G 7/00	(74) ir. F.A. Geurts c.s.
B01D 53/00	B60G 13/00	(51) B65G 21/20
C10G 11/00	(11) 2023417	(11) 2020834
(11) 2020819	(47) 05.11.2019	(47) 05.11.2019
(47) 31.10.2019	(22) 01.07.2019	(22) 26.04.2018
(22) 24.04.2018	(54) INRICHTING EN WERKWIJZE VOOR HET BEVESTIGEN VAN EEN CILINDER AAN EEN CHASSIS VAN EEN VOERTUIG	(54) Sealing apron device
	(62) 2020219	(73) TBK Group B.V.
		(72) Albertus Kelderman
		(74) ir. F.A. Geurts c.s.
		(51) B66C 1/10

B66C 1/54	(54) Building construction with a sandwich panel wall and method of fire proofing such a building construction	(54) Heating system
(11) 2020809		(73) Kabola Heating Systems B.V.
(47) 31.10.2019		(72) Arie Aart van Soolingen
(22) 23.04.2018	(73) InterDam Holding B.V.	(74) mr. ir. J. van Breda c.s.
(54) A lifting tool	(72) Paulus Cornelis Goudswaard	(51) G01B 5/18
(73) IHC Holland IE B.V.	Johannes Elizabeth Maria Egberts	G01B 5/004
(72) Albertus Knol	(74) ir. H.A. Witmans c.s.	(11) 1042839
Griffin Lorens Hendrik Stuip	(51) E04G 3/30	(47) 31.10.2019
Henricus Gerardus Andreas van Vessem	E04G 3/32	(22) 23.04.2018
Boudewijn Casper Jung	(11) 2020826	(54) ZELFKLEMMENDE INRICHTING VOOR HET MONITOREN VAN VERZAKKINGEN VAN ONDERGRONDSE LEIDINGEN EN KABELS
(74) ir. A.R. Aalbers	(47) 05.11.2019	(73) Simon Hartensveld
(51) B66C 1/66	(22) 25.04.2018	(72) Simon Hartensveld
B65D 88/58	(54) SUPPORT FOR A SUSPENDED PLATFORM	(51) G01M 1/22
(11) 2020821	(73) Altrex B.V.	G01M 5/00
(47) 05.11.2019	(72) Maarten Bertus Hogervorst	G01M 7/02
(22) 25.04.2018	Sjaak Stehouwer	G01N 3/32
(54) Werkwijze voor het transporteren van bulk materiaal, alsmede container	(74) dr. A. Krebs	(11) 2020815
(73) Multilift Chile S.p.A.	(51) E04G 21/18	(47) 31.10.2019
(72) Pedro Paulo Fatorelli Carneiro	E04G 5/00	(22) 24.04.2018
(74) ir. J.M.G. Dohmen c.s.	(11) 2020852	(54) Resonant fatigue testing
(51) C12N 9/04	(47) 31.10.2019	(73) ONDERZOEKSCENTRUM VOOR AANWENDING VAN STAAL N.V.
C12N 15/63	(22) 01.05.2018	(72) Jeroen Stijn Juliaan Van Wittenberghe
(11) 2020823	(54) Stelinrichting, systeem en werkwijze voor het uitlijnen van een te metselen of te lijmen muur	Philippe Octave Thibaux
(47) 05.11.2019	(73) OCA B.V.	(74) ir. J.C. Volmer c.s.
(22) 25.04.2018	(72) Peter Wermink	(51) B44B 5/00
(54) NAD+ dependent 7 $\beta$ -hydroxysteroid dehydrogenase	(74) ir. P.J. Hylarides c.s.	B44B 5/02
(73) Technische Universiteit Delft	(31) 2020811	G06Q 20/34
(72) Fabio Tonin	(32) 23.04.2018	B42D 25/425
Isabella Wilhelmina Christina Everdina Arends	(33) Netherlands	B42D 25/22
(74) ir. J.C. Volmer c.s.	(51) A01C 23/04	B42D 25/23
(51) D06F 58/28	F16L 37/00	B42D 25/373
F26B 13/00	(11) 2022128	(11) 1042838
F26B 23/00	(47) 04.11.2019	(47) 31.10.2019
(11) 2020825	(22) 04.12.2018	(22) 23.04.2018
(47) 05.11.2019	(54) MESTVOERTUIG, SAMENSTEL VAN EEN MESTPUNT EN EEN MESTVOERTUIG EN WERKWIJZE VOOR HET OVERBRENGEN VAN DRIJFMEST	(54) Werkwijze en systeem voor solide registratie van beveiligingscodes voor cryptogeld etc. waarbij de karakters van die codes door middel van slagstempels in een metalen codeplaat worden gestempeld
(22) 25.04.2018	(73) Vredo Beheer B.V.	(73) CRYPTOTAG
(54) Installatie en werkwijze voor het drogen van wasgoed	(72) Johannes de Vree	(72) Adrijan Scekcic
(73) TECHNISCH BUREAU REINDERS B.V.	(74) ir. P.J. Hylarides c.s.	(51) H01L 31/18
(72) Henk Klatter	(51) F16L 55/11	H01L 31/0216
Philip Gerard Hendrik Poeth	F16L 55/13	H01L 31/0224
Jakob Hendrik Reinders	(11) 1042843	H01L 31/068
(74) ir. H.Th. van den Heuvel c.s.	(47) 05.11.2019	(11) 2023003
(51) E02B 17/00	(22) 25.04.2018	(47) 31.10.2019
F16B 7/04	(54) Closing-off Plug for Pipe Ends stopping High Pressure Shocks.	(22) 24.04.2019
E04H 12/08	(73) Henri Liekens	(54) METHOD FOR PREPARING FULL BACK-CONTACT ELECTRODE CELL WITH EFFICIENT LIGHT TRAPPING AND SELECTIVE DOPING
F03D 13/25	(72) Henri Liekens	(73) JIANGSU UNIVERSITY
E02B 17/02	(51) F23C 3/00	CHANGZHOU UNIVERSITY
(11) 1042844	F24H 1/14	(72) Jianning Ding
(47) 05.11.2019	(11) 2020816	Ningyi Yuan
(22) 26.04.2018	(47) 31.10.2019	Jifan Gao
(54) Assembly with a pipe connection comprising ring contact surfaces	(22) 24.04.2018	Xueling Zhang
(73) KCI The Engineers BV	(54) Oil fired boiler	(74) ir. H.Th. van den Heuvel c.s.
(72) Klaas Boudewijn van Gelder	(73) Kabola Heating Systems B.V.	(31) 201810806095.4
(74) ir. H.A. Witmans c.s.	(72) Arie Aart van Soolingen	(32) 20.07.2018
(51) E04C 2/292	(74) mr. ir. J. van Breda c.s.	(33) China
E04B 1/94	(51) F24H 1/00	
E04B 1/24	F24H 1/10	
(11) 2020810	(11) 2020817	
(47) 31.10.2019	(47) 31.10.2019	
(22) 23.04.2018	(22) 24.04.2018	

- (51) H01L 31/0224  
H01L 31/068  
H01L 31/18
- (11) 2022765
- (47) 04.11.2019
- (22) 19.03.2019
- (54) Step-by-Step Doping Method of Phosphorous  
for High-efficiency and Low-cost Crystalline  
Silicon Cell
- (73) JIANGSU UNIVERSITY  
CHANGZHOU UNIVERSITY
- (72) Jianning Ding  
Ningyi Yuan  
Feng Ye
- (74) ir. H.Th. van den Heuvel c.s.
- (31) 201810787181.5
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- (33) China
-

**NP3**

**Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995..  
Contains data concerning Netherlands patents which have been entered in the patent  
register (after limitation procedure) under the Patents Act 1995.**

**EP1**

**Vertaalde conclusies van Europese octrooiaanvragen.**

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

(43) 23.10.2019

(11) EP3555268

(51) C12N 9/02

C12P 7/04

(71) Danmarks Tekniske Universitet

## EP2

## Voor Nederland verleende Europese octrooien.

## Contains data concerning European patents granted for The Netherlands.

(51) A01B 59/042	A01B 63/112	(33) Germany
(11) EP3243368	A01B 63/114	(51) A01C 21/00
(21) EP16203914.3	(11) EP3300560	A01C 17/00
(47) 06.11.2019	(21) EP17192895.5	(11) EP3351083
(22) 14.12.2016	(47) 06.11.2019	(21) EP18161369.6
(54) TRACTION MACHINE DEVICE	(22) 25.09.2017	(47) 06.11.2019
COMBINATION WITH DRIVER	(54) DEVICE AND METHOD FOR	(22) 02.03.2017
ASSISTANCE SYSTEM	GOVERNING THE OPERATION OF	(54) SYSTEM AND A METHOD FOR
(73) CLAAS Tractor S.A.S.	A HYDRAULICALLY ACTUATED	DETECTING AT LEAST ONE
(72) Clement, Majorie	TOWING DEVICE ON A VEHICLE	DISPERSION PARAMETER OF A
De Wever, Geoffrey	(73) Robert Bosch GmbH	DISPERSIBLE GOOD IN THE FIELD
Nivot, Xavier	(72) Schleyer, Markus	(73) Amazonen-Werke H. Dreyer GmbH & Co.
Villette, Clement	Rose, Steffen	KG
Dirlewanger, Florian	Michalke, Gabriele	(72) Wild, Karl
Glitz, Thinus	(31) 102016218789	(31) 102016104143
(31) 102016108590	(32) 29.09.2016	(32) 08.03.2016
102016118205	(33) Germany	(33) Germany
(32) 10.05.2016	(51) A01C 7/20	(51) A01D 34/00
27.09.2016	(11) EP3278649	A01D 75/18
(33) Germany	(21) EP17184144.8	(11) EP2939513
Germany	(47) 06.11.2019	(21) EP14177615.3
Germany	(22) 01.08.2017	(47) 06.11.2019
(51) A01B 59/042	(54) SOWING UNIT AND SOWING MACHINE	(22) 18.07.2014
(11) EP3243367	WITH A PLURALITY OF SUCH SOWING	(54) Lawn mower robot and control method
(21) EP16203913.5	UNITS	thereof
(47) 06.11.2019	(73) Horsch Maschinen GmbH	(73) LG Electronics Inc.
(22) 14.12.2016	(72) PIRKENSEER, Michael	(72) Song, Hyunsup
(54) TRACTION MACHINE DEVICE	THOMSEN, Jens	Lee, Jaehoon
COMBINATION WITH DRIVER	(31) 102016214169	Sun, Changhwa
ASSISTANCE SYSTEM	(32) 01.08.2016	(31) 20140052427
(73) CLAAS Selbstfahrende Erntemaschinen	(33) Germany	(32) 30.04.2014
GmbH	(51) A01C 15/00	(33) Korea (Republic)
(72) Sagemüller, Burkhard	A01C 7/08	(51) A01D 34/685
Bölling, Ralf	(11) EP3326441	(11) EP3328184
Harmann, Tim Lütke	(21) EP17401114.8	(21) EP16745780.3
Köhler, Mathieu	(47) 06.11.2019	(47) 06.11.2019
Waechter, Julien	(22) 16.11.2017	(87) FR2016051540
Noyer, Pierre	(54) AGRICULTURAL SPREADER WITH	02.02.2017
(31) 102016108590	STIRRING DEVICE	(22) 23.06.2016
102016118203	(73) Amazonen-Werke H. Dreyer GmbH & Co.	(54) LAWN MOWER WITH MULTIPLE
(32) 10.05.2016	KG	BLADES
27.09.2016	(72) Stier, Roy	(73) PELLENC
(33) Germany	(31) 102016122552	(72) PELLENC, Roger
Germany	(32) 23.11.2016	(31) 1557162
(51) A01B 63/111	(33) Germany	(32) 27.07.2015
A01B 63/112	(51) A01C 21/00	(33) France
(11) EP3300559	A01C 15/00	(51) A01D 34/73
(21) EP17192880.7	A01C 7/10	(11) EP3027000
(47) 06.11.2019	(11) EP3278650	(21) EP13890481.8
(22) 25.09.2017	(21) EP17184216.4	(47) 06.11.2019
(54) DEVICE AND METHOD FOR	(47) 28.08.2019	(87) US2013052973
GOVERNING THE OPERATION OF	(22) 01.08.2017	05.02.2015
A HYDRAULICALLY ACTUATED	(54) ARRANGEMENT FOR DETECTING	(22) 31.07.2013
TOWING DEVICE ON A VEHICLE	THE AMOUNT OF MATERIAL IN A	(54) QUICK-CHANGE BLADE COVER
(73) Robert Bosch GmbH	STORAGE TANK OF A MACHINE FOR	ASSEMBLY
(72) Schleyer, Markus	APPLYING MATERIAL TO A FIELD	(73) Husqvarna AB
Rose, Steffen	(73) Deere & Company	(72) ROTH, Chris
Neyer, Daniel	(72) Gresch, Valentin	TSE, Eric
(31) 102016218810	Kremmer, Martin	CHANDLER, Darren
(32) 29.09.2016	(31) 102016214553	(51) A01D 34/82
(33) Germany	(32) 05.08.2016	A01D 34/81
(51) A01B 63/111		

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(21) EP15760229.3	(11) EP3273769	DAAS, Talal
(47) 06.11.2019	(21) EP16717567.8	VAN DER DRIFT, Peter
(87) FR2015052262	(47) 06.11.2019	(31) 202010013543 U
24.03.2016	(87) EP2016056600	(32) 23.09.2010
(22) 25.08.2015	29.09.2016	(33) Germany
(54) WHEELED LAWNMOWER FOR	(22) 24.03.2016	(51) A01G 9/14
WALKING DRIVER	(54) TINE SUPPORT	E05D 15/06
(73) PELLENC	(73) Reiter, Thomas	A01G 9/24
(72) PELLENC, Roger	(72) Reiter, Thomas	(11) EP2989886
(31) 1458650	(31) 102015205561	(21) EP15183382.9
(32) 15.09.2014	(32) 26.03.2015	(47) 06.11.2019
(33) France	(33) Germany	(22) 01.09.2015
(51) A01D 41/14	(51) A01F 12/44	(54) IMPROVEMENTS IN DOMESTIC
A01D 34/30	(11) EP3360407	GREENHOUSES
(11) EP2993967	(21) EP18154583.1	(73) Juliana Group Limited
(21) EP14734291.9	(47) 06.11.2019	(72) Boulton, Brett
(47) 06.11.2019	(22) 01.02.2018	Snape, Jan
(87) US2014037338	(54) SCREEN FOR GRAIN CLEANER	(31) 201415430
13.11.2014	(73) Optomachines	(32) 01.09.2014
(22) 08.05.2014	(72) PARADIS, François	(33) United Kingdom
(54) CUTTER GUARD ASSEMBLY	(31) 1751026	(51) A01H 1/04
COVER OF A HEADER FOR AN	(32) 08.02.2017	A01H 5/00
AGRICULTURAL FARM IMPLEMENT	(33) France	A01H 5/08
(73) CNH Industrial Belgium N.V.	(51) A01F 15/08	(11) EP2473020
(72) COOK, Joel, Timothy	(11) EP2993971	(21) EP10757313.1
ROBERTS, Craig, Donald	(21) EP14724692.0	(47) 06.11.2019
LAUWERS, Andrew, V.	(47) 06.11.2019	(87) NL2010050562
(31) 201361822074 P	(87) EP2014059487	10.03.2011
201361834911 P	13.11.2014	(22) 06.09.2010
201361846778 P	(22) 08.05.2014	(54) TOMATO PLANTS EXHIBITING
PCT/US2014/035866	(54) A METHOD AND SYSTEM FOR	TOLERANCE TO CONTINUOUS LIGHT
(32) 10.05.2013	DETERMINING THE PLUNGER LOAD	(73) Monsanto Invest B.V.
14.06.2013	OF A BALER	(72) MILLENAAR, Franciscus Frank
16.07.2013	(73) CNH Industrial Belgium nv	VAN POPPEL, Petrus Marinus Johannes
29.04.2014	(72) COEN, Tom	Abraham
(33) United States of America	VERHAEGHE, Didier	(31) 09169555
United States of America	NONA, Kenny	(32) 04.09.2009
United States of America	(31) 201300327	(33) European Patent Office (EPO)
World Intellectual Property Office (WIPO)	(32) 10.05.2013	(51) A01H 5/00
(51) A01D 41/14	(33) Belgium	C12N 1/19
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(11) EP3241423	(11) EP3298883	C12N 5/10
(21) EP17169031.6	(21) EP17191734.7	C07K 14/415
(47) 06.11.2019	(47) 06.11.2019	C12N 1/15
(22) 02.05.2017	(22) 19.09.2017	C12N 9/10
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F16D 48/02	WORKING MACHINE OF THIS TYPE	(22) 06.09.2017
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B60W 10/08	B60W 10/06	AND CLOSING AIR FLAPS
B60W 10/184	B60W 10/08	(73) Compagnie Plastic Omnium
B60W 10/30	B60W 20/00	(72) PARRA, Stéphane

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(32) 22.12.2015	(87) JP2014068831	A MOTOR VEHICLE, AND MOTOR
(33) France	07.05.2015	VEHICLE
(51) B60K 15/03	(22) 15.07.2014	(73) Daimler AG
B60K 15/07	(54) OPERATION PEDAL DEVICE FOR	(72) EIREINER, Thomas
(11) EP2878475	VEHICLE	HINZ, Ralf
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assembly	(32) 01.11.2013	B60Q 3/74
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B29C 65/02	STEERING WHEEL	ESBERG, Ida
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(22) 11.09.2017	(22) 12.12.2008	(54) INSTRUMENTS 3D DISPLAY SYSTEM
(54) ANTI-SLOSH DEVICE OF A MOTOR	(54) ECO DRIVE SUPPORT APPARATUS	(73) Jaguar Land Rover Limited
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(73) RENAULT s.a.s.	TOYOTA JIDOSHA KABUSHIKI KAISHA	SKRYPCHUK, Lee
(72) BALAS, Oana Maria	(72) MATSUO, Tomohiro	(31) 201315620
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(54) METHOD FOR PROVIDING AN OPERATING DEVICE IN A VEHICLE AND OPERATING DEVICE FOR A VEHICLE	B60W 20/40	(73) Copperweld Bimetallics LLC
(73) Volkswagen Aktiengesellschaft	B60L 15/20	Dynext S.r.l.
(72) KUHN, Mathias	B60W 10/06	(72) PERUZZOTTI, Franco
HAUSCHILD, Frank	B60L 1/00	PEZZONI, Antonio
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(73) Continental Automotive GmbH	(51) B60L 53/16	(72) Jonsson, Tony
(72) BAROWSKI, Peter	B60L 53/30	(51) B60N 2/02
CIELER, Stephan	B60L 53/35	(11) EP3099524
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(54) Drum brake type electric parking brake apparatus	(73) Railway Technical Research Institute	(73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH
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(72) AKADA, Hironori	(72) SAGA, Shin-ichi	PESCHEL, Michael
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SUZUKI, Takeshi	F16F 9/512	Japan
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(73) Carl Zeiss Industrielle Messtechnik GmbH	(54) PRESSURE CUSHIONING DEVICE	(73) Bridgestone Corporation
(72) Jacobs, Klaus	(73) Showa Corporation	(72) SAITO, Hajime
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(73) SUSPA GmbH	(73) Showa Corporation	F16F 9/53
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F16F 7/104	(54) HYDRAULIC DAMPER WITH A HYDRAULIC COMPRESSION STOP ARRANGEMENT	HUMPHREY, Ian P.
B64C 27/00	(73) BeijingWest Industries Co. Ltd.	MARDEN, Michael C.
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Exedy Corporation	(21) EP15759408.6	CONTROL DEVICE FOR VARIABLE
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AKASAKA, Yuuzou	(87) EP2015068885	(73) Mitsubishi Heavy Industries Compressor
OGATA, Makoto	25.02.2016	Corporation
YOSHIMURA, Yoshinari	(22) 18.08.2015	(72) OKAMOTO Yoshiyuki
SENOUE, Takeshi	(54) ACTUATING DRIVE FOR AN AIR	KOBAYASHI Masahiro
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SYSTEM	PREIS, Johannes	(22) 18.09.2014
(73) Valeo Embrayages	HOLLERBAUM, Bernd	(54) Locking and unlocking system with
(72) COMMEINE, Emmanuel	GLASS, Matthias	reversible triggering
CAILLERET, Franck	BIELESCH, Harald	(73) MBDA Deutschland GmbH
LAFORGE, Thibault	LANG, Johannes	(72) Klaffert, Thomas
VERHOOG, Roel	FEIHL, Marc	Hetzer, Walter
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CONFIGURATION	(31) 2016103159	BRAKE ASSEMBLY
(73) Dayco Europe S.R.L.	2017084667	(73) NTN Corporation
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(54) PENDULUM-OSCILLATOR-TYPE	Aktiengesellschaft	(54) BALL SCREW DEVICE
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IMPROVED GUIDING DEVICE	(31) 102013207413	(72) MIYAZAKI, Kazunari
(73) Valeo Embrayages	(32) 24.04.2013	(31) 2010278436
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| (73) Toyota Jidosha Kabushiki Kaisha  | DOMBEK, Alexis                           | F16L 21/035                       |
| (72) YOSHIDA, Michio                  | GOUDAR, Jamal                            | (11) EP3078884                    |
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XU Fangman	OKAMURA, Kazuki	(72) CUCCINIELLO, Alfredo Marco
SUZUKI Nozomu	KIHARA, Yuya	(31) UB20152823
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YOSHIMURA Kenichi	YAMASHITA, Akira	(51) F16K 11/04
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**Voor Nederland verleende Europese octrooien waarvoor een vertaling is ingediend conform artikel 52 (1, 6) van de Octrooiwet 1995.**

**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. M.F.J.M. Ketelaars c.s.	
(31) 654670	
(32) 03.09.2003	
(33) United States of America	
(47) 28.10.2009	
(51) B60F 3/00 F41H 7/02	
(11) EP2961621	
(21) EP14766390.0	
(22) 07.08.2014	
(54) BUOYANCY MODULE FOR A MILITARY VEHICLE	
(73) Krauss-Maffei Wegmann GmbH & Co. KG	
(72) BACHMANN, Harald BAUS, Rüdiger	
(74) J.M.H. Duyver lic.	
(31) 102013109500	
(32) 30.08.2013	
(33) Germany	
(47) 30.11.2016	
(51) F24F 13/26 F24F 13/06	
(11) EP2322866	
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(22) 11.11.2009	
(54) Ceiling diffuser for ventilating rooms	
(73) TROX GmbH	
(72) Sefker, Thomas, Dr. Walter, Siegfried Fey, Michael Leitner, Daniel	
(74) ir. H.J.G. Lips c.s.	

**SPC****Ingeschreven en verleende certificaten.****Contains data concerning applications for- or granted Supplementary Protection Certificates.**

- (21) 300373  
(22) 13.01.2009  
(11) 300373  
(73) JANSSEN PHARMACEUTICA N.V.  
(74) ir. F.A. Geurts c.s.  
(68) EP1002795  
(54) HIV-replicatie-remmende pyrimidinen.  
(94) 31.08.2023  
(95) Etravirine, desgewenst in de vorm van een  
farmaceutisch aanvaardbaar zout  
(93) EU/1/08/468/001 01.09.2008  
(47) 05.02.2009
- 
- (21) 301017  
(22) 30.10.2019  
(11) 301017  
(74) ir. M.F.J.M. Ketelaars c.s.  
(68) EP1858481  
(54) OPHTHALMOLOGIC COMPOSITIONS  
AND USE THEREOF  
(92) RVG 15295 15.02.2016  
(94) 1588  
(95) Combinatie van tropicamide, desgewenst  
in de vorm van een farmaceutisch  
aanvaardbaar zout, bij voorkeur  
tropicamide; fenylefrine desgewenst in de  
vorm van een farmaceutisch aanvaardbaar  
zout, bij voorkeur fenylefrine hydrochloride;  
en lidocaïne, desgewenst in de vorm van  
een farmaceutisch aanvaardbaar zout, bij  
voorkeur lidocaïne hydrochloride  
(93) 14/10062 14.07.2015
- 
- (21) 350098  
(22) 25.10.2019  
(11) 350098  
(74) ir. H.A. Witmans c.s.  
(68) EP1713334  
(54) Fungicidal composition comprising a  
pyridylethylbenzamide derivative and a  
compound capable of inhibiting the spores  
germination or mycelium growth by acting  
on different metabolic routes.  
(92) 15882 N 05.07.2019  
(94) 1826  
(95) Combinatie van fluopyram en fosetyl-  
aluminium  
(93) 2180337 14.09.2018
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**VB1**

**Rechten waarvoor een verzoek of bezwaarschrift is ingediend conform Octrooiwet 1995 en de Algemene Wet Bestuursrecht.**

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

(11) EP1979285	A61P 35/00	16.01.2019
(51) C03C 17/04	A61P 37/00	(11) EP2785374
C03B 33/07	(00) 01/19	(51) A61K 39/12
C03B 27/04	02.01.2019	(00) 02/19
B32B 17/10	(11) EP2594147	09.01.2019
(00) 01/19	(51) B29D 35/08	(11) EP2880067
02.01.2019	B29D 35/00	(51) C08F 210/16
(11) EP2214611	A43B 23/04	F16L 9/127
(51) A61F 13/02	A43B 23/06	F16L 57/02
A61F 13/00	(00) 52/18	(00) 01/19
A61M 1/00	19.12.2018	02.01.2019
(00) 53/18	(11) EP2611861	(11) EP2893040
28.12.2018	(51) C08L 23/04	(51) C12Q 1/68
(11) EP2272381	C08J 5/18	(00) 01/19
(51) A23L 33/00	(00) 01/19	02.01.2019
A23L 33/19	02.01.2019	(11) EP2907808
(00) 53/18	(11) EP2625129	(51) C07D 251/60
28.12.2018	(51) B66B 11/04	(00) 01/19
(11) EP2277972	(00) 01/19	02.01.2019
(51) C09K 5/04	02.01.2019	(11) EP2908675
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A61L 2/00	(51) A61K 39/39	(00) 01/19
(00) 11/19	A61K 39/09	02.01.2019
13.03.2019	A61K 39/095	(11) EP2917520
(11) EP2299989	A61K 47/26	(51) F01N 3/022
(51) A61K 9/70	A61K 47/64	F01N 3/035
(00) 01/19	A61K 47/12	F01N 3/20
02.01.2019	A61K 39/385	F01N 13/02
(11) EP2368914	A61K 39/00	F01N 3/28
(51) C07K 16/30	(00) 01/19	(00) 01/19
A61K 39/395	02.01.2019	02.01.2019
C07K 14/47	(11) EP2684680	(11) EP2917632
(00) 01/19	(51) B29C 70/50	(51) F17C 13/00
02.01.2019	B29B 11/16	(00) 03/19
(11) EP2452410	(00) 01/19	16.01.2019
(51) H02H 1/00	02.01.2019	(11) EP2922598
H02H 7/26	(11) EP2728027	(51) A61Q 19/00
(00) 21/19	(51) B32B 15/01	A61K 8/92
22.05.2019	C21D 6/00	A61K 8/37
(11) EP2502536	C21D 8/00	A61K 8/81
(51) A47L 9/00	C23C 2/02	A61K 8/04
A47L 9/14	C23C 2/06	(00) 02/19
A47L 9/28	C23C 2/12	09.01.2019
(00) 01/19	C21D 9/46	(11) EP2925282
02.01.2019	C22C 38/22	(51) A61K 8/34
(11) EP2502537	C22C 38/32	A61K 8/44
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A47L 9/14	C22C 38/38	A61Q 19/10
A47L 9/28	C22C 38/44	(00) 01/19
(00) 01/19	C22C 38/48	02.01.2019
02.01.2019	C22C 38/50	(11) EP2930378
(11) EP2535355	C22C 38/54	(51) F16B 25/00
(51) C07K 16/28	C22C 38/58	F16B 25/10
C07K 14/705	C22C 38/60	F16B 5/02
A61K 39/395	C21D 8/02	(00) 53/18
G01N 33/50	C21D 7/02	28.12.2018
C12N 5/10	C21D 1/673	(11) EP2934967
	(00) 03/19	(51) B60T 8/1755



B60T 7/22	(00) 53/18	C11D 3/37
B62D 6/00	28.12.2018	(00) 01/19
(00) 01/19	(11) EP3098244	02.01.2019
02.01.2019	(51) C08F 10/00	(11) EP3224339
(11) EP2987829	(00) 01/19	(51) C11D 7/50
(51) C08L 69/00	02.01.2019	C23G 5/024
B29C 45/00	(11) EP3116982	C07C 7/00
B29C 47/14	(51) C11D 1/75	C10G 75/00
C08K 5/3432	C11D 1/825	C10G 75/04
(00) 53/18	C11D 3/50	(00) 01/19
28.12.2018	(00) 02/19	02.01.2019
(11) EP3003808	09.01.2019	(11) EP3231878
(51) B60T 17/02	(11) EP3120879	(51) C21C 7/00
B60T 13/22	(51) A61M 1/00	C21C 7/072
F15B 7/00	(00) 53/18	C21C 5/34
F15B 15/18	28.12.2018	C21C 5/48
F16D 65/28	(11) EP3131729	(00) 53/18
B60T 13/26	(51) B29C 45/12	28.12.2018
B60T 13/66	B29C 33/20	(11) EP3232517
B60T 13/68	B29C 43/54	(51) H01R 13/641
B60T 15/02	B29C 43/58	H01R 13/627
F16D 59/02	(00) 49/18	H01R 13/52
(00) 07/19	28.11.2018	(00) 01/19
13.02.2019	(11) EP3134512	02.01.2019
(11) EP3014986	(51) C12M 1/26	(11) EP3239459
(51) A01K 1/02	B01D 15/38	(51) F01D 5/14
(00) 53/18	C12N 5/0783	F01D 9/04
28.12.2018	C12N 5/00	(00) 01/19
(11) EP3025862	(00) 01/19	02.01.2019
(51) B41F 13/58	02.01.2019	(11) EP3242017
B65H 45/22	(11) EP3145892	(51) F04B 7/04
(00) 02/19	(51) C04B 28/14	F04B 9/08
09.01.2019	C04B 28/16	F04F 13/00
(11) EP3027569	(00) 01/19	F15B 3/00
(51) C03B 37/02	02.01.2019	(00) 01/19
C03C 3/087	(11) EP3165818	02.01.2019
C03C 1/00	(51) F21V 5/04	(11) EP3256356
C03B 5/00	F21V 5/08	(51) B60T 13/66
C03B 5/235	F21V 14/06	B60T 13/68
C03B 5/183	(00) 01/19	(00) 01/19
C03B 5/12	02.01.2019	02.01.2019
C03B 5/44	(11) EP3166416	(11) EP3258812
C03C 13/06	(51) A23F 5/10	(51) A45D 1/06
(00) 02/19	A23F 5/24	A45D 1/28
09.01.2019	(00) 01/19	A45D 2/00
(11) EP3052507	02.01.2019	(00) 02/19
(51) C07F 5/02	(11) EP3176848	09.01.2019
B01J 31/00	(51) H01M 2/02	(11) EP3270362
(00) 04.11.2019	H01M 2/26	(51) G08B 17/107
(00) 07/19	H01M 10/0525	(00) 01/19
13.02.2019	H01M 10/0587	02.01.2019
(00) Restoration of rights	H01M 2/04	(11) EP3316756
(00) Studiengesellschaft Kohle mbH	(00) 01/19	(51) A47L 9/28
(11) EP3066612	02.01.2019	(00) 01/19
(51) G06K 7/14	(11) EP3210957	02.01.2019
G06K 19/06	(51) C04B 37/02	(11) EP3317205
(00) 01/19	C04B 41/00	(51) B65D 75/00
02.01.2019	(00) 01/19	B65D 65/40
(11) EP3082707	02.01.2019	(00) 01/19
(51) A61J 1/06	(11) EP3219340	02.01.2019
B65D 47/20	(51) A61M 1/16	(11) EP3322581
B65D 51/16	A61M 1/28	(51) B29C 67/00
(00) 01/19	(00) 01/19	C08K 3/36
02.01.2019	02.01.2019	C08L 83/04
(11) EP3092858	(11) EP3221438	C08L 83/14
(51) H04W 64/00	(51) C11D 3/00	(00) 01/19
H04W 4/02	C11D 3/22	02.01.2019

(11) EP3342411  
(51) A61K 31/436  
A61P 35/00  
(00) 34/19  
21.08.2019

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## VB2

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

**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.**

(11) 300202	(51) G06F 3/041
(00) 2010/33	H03K 17/96
06.10.2010	(00) 19/19
(00) Negative	08.05.2019
(11) EP1902226	(11) EP2507541
(51) F16D 13/68	(51) F16L 55/28
F16F 15/12	F16L 55/40
F16D 13/75	(00) 04/19
F16D 21/06	23.01.2019
(00) 31/17	(00) 04.11.2019
02.08.2017	(00) Positive
(11) EP2233736	(11) EP2507583
(51) F03D 7/02	(51) G01B 3/20
F03D 7/04	G01B 5/16
(00) 25/18	(00) 04/19
13.06.2018	23.01.2019
(11) EP2287204	(00) 04.11.2019
(51) C08B 31/18	(00) Positive
C08B 30/18	(11) EP2749603
A61K 33/26	(51) C08L 77/06
A61K 47/48	C08K 3/16
A61K 31/295	C08K 7/14
(00) 2013/17	(00) 16/18
24.04.2013	11.04.2018
(11) EP2430131	(11) EP2920872
(51) C10L 1/224	(51) H02M 1/32
C10L 10/18	H02M 3/142
C10L 1/222	H02M 3/158
C10L 1/238	(00) 06/19
(00) 29/18	06.02.2019
11.07.2018	(00) 31.10.2019
(11) EP2442143	(00) Positive
(51) G02B 5/124	(11) EP2925707
B29D 11/00	(51) C07C 1/24
(00) 39/17	C07C 11/04
27.09.2017	C07C 29/76
(11) EP2442144	C07C 31/08
(51) G02B 5/124	C07C 41/09
B29D 11/00	C07C 43/06
(11) EP2442145	(00) 49/17
(51) G02B 5/124	06.12.2017
B29D 11/00	(11) EP2933079
(00) 39/17	(51) B28C 5/12
27.09.2017	B01F 7/02
(11) EP2442147	B01F 7/04
(51) G02B 5/124	(00) 27/19
B29D 11/00	03.07.2019
(00) 09/18	(11) EP3022361
21.02.2018	(51) E02D 7/12
(11) EP2448421	
(51) A23L 2/52	
A23D 7/00	
A23D 7/005	
A23L 29/10	
A23L 33/12	
(11) EP2461234	

**MED****Overige mededelingen.  
Contains data concerning other communications.**

- (11) EP1509354  
(51) B23C 5/22
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- (11) EP1731565  
(51) C08L 23/04  
B32B 27/32  
H01B 3/00  
C08L 23/08
- 
- (11) EP2374383  
(51) A47J 31/40  
A47J 31/36
- 
- (11) EP2462879  
(51) A61B 17/072  
A61B 17/115  
A61B 17/00
- 
- (11) EP2617388  
(51) A61F 2/24
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- (11) EP2749254  
(51) A61F 2/01  
A61F 2/24
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- (11) EP2814704  
(51) B60T 7/22  
B60W 40/10  
G08G 1/16  
B60R 21/013
- 
- (11) EP2834266  
(00) 29.10.2019  
(51) C07K 14/32  
A01N 37/46  
A01N 63/02  
C07K 14/00  
C07K 14/325  
C07K 14/435  
C12N 15/82
- 
- (11) EP2953913  
(51) C04B 28/02  
C04B 28/04  
C04B 28/18  
C04B 28/24  
C04B 28/30  
C04B 28/34  
C04B 40/06
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- (11) EP3212667  
(00) 29.10.2019  
(51) C07K 16/24  
A61K 39/395  
A61K 47/10  
A61K 47/18  
A61K 47/00  
A61K 39/00  
A61K 9/00  
A61K 47/26
- 
- (00) For Invalidity declaration
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## VRV

**Verval of nietigverklaring.**  
**Contains data concerning lapse or annulment.**

(11) 1013485	(00) NP lapsed	(00) NP lapsed
(00) 04.11.2019	(11) 1033514	(11) 1040127
(00) Patent Expired	(00) 01.04.2019	(00) 01.04.2019
(11) 1013498	(00) NP lapsed	(00) NP lapsed
(00) 04.11.2019	(11) 1033568	(11) 1040128
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(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
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(11) 2006334	(11) 2010471	(11) 2014428
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(11) 2006343	(11) 2010497	(11) 2014445
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(11) 2006348	(11) 2010511	(11) 2014466
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(11) 2006373	(11) 2010532	(11) 2014472
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(11) 2006382	(11) 2010541	(11) 2014480
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(11) 2014489	(11) 300520	(11) EP1038661
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(11) 2014506	(11) 300673	(11) EP1039038
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(11) 2014536	(11) EP0998955	(11) EP1039227
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(11) 2014539	(11) EP0998986	(11) EP1039237
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(11) 2016253	(11) EP0999152	(11) EP1039543
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(11) 2016464	(11) EP1034761	(11) EP1082251
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(11) EP1378209	(11) EP1454618	(11) EP1485225
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1379203	(11) EP1459833	(11) EP1485391
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1379744	(11) EP1462125	(11) EP1485533
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1379971	(11) EP1462167	(11) EP1485604
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1380093	(11) EP1462438	(11) EP1485930
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1380507	(11) EP1462537	(11) EP1486316
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1381817	(11) EP1463244	(11) EP1486454
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1383456	(11) EP1463373	(11) EP1487362
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1383608	(11) EP1464305	(11) EP1487573
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1384065	(11) EP1466735	(11) EP1487630
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1384197	(11) EP1466747	(11) EP1487705
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1488230	(11) EP1498039	(11) EP1580391
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1488432	(11) EP1499359	(11) EP1582557
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1488571	(11) EP1504419	(11) EP1582790
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1489255	(11) EP1507247	(11) EP1582940
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1489897	(11) EP1507547	(11) EP1584199
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP1490100	(11) EP1507795	(11) EP1584601
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1490158	(11) EP1510650	(11) EP1586533
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1490207	(11) EP1540655	(11) EP1587111
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1490286	(11) EP1561510	(11) EP1590167
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP1490332	(11) EP1563559	(11) EP1592029
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP1490363	(11) EP1571122	(11) EP1595147
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP1490438	(11) EP1574512	(11) EP1599225
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1490620	(11) EP1574643	(11) EP1599233
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1490769	(11) EP1574769	(11) EP1600064
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1491044	(11) EP1576999	(11) EP1602154
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1492651	(11) EP1577169	(11) EP1602161
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1492850	(11) EP1577929	(11) EP1603473
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1493007	(11) EP1578110	(11) EP1603603
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1493890	(11) EP1579887	(11) EP1603662
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1494692	(11) EP1580101	(11) EP1604475
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1495186	(11) EP1580143	(11) EP1606248
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1496811	(11) EP1580144	(11) EP1606354
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1608295	(11) EP1618286	(11) EP1720389
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP1608299	(11) EP1618323	(11) EP1720453
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1608346	(11) EP1620220	(11) EP1720992
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1608347	(11) EP1620249	(11) EP1722938
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1608414	(11) EP1620442	(11) EP1723135
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1608418	(11) EP1622648	(11) EP1723733
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1608514	(11) EP1622964	(11) EP1723734
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP1608685	(11) EP1623087	(11) EP1725131
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1609024	(11) EP1623740	(11) EP1725172
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP1609785	(11) EP1628289	(11) EP1725233
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1610616	(11) EP1664133	(11) EP1725267
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1610691	(11) EP1688510	(11) EP1725682
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP1610853	(11) EP1700855	(11) EP1726468
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1611006	(11) EP1701154	(11) EP1727580
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1611087	(11) EP1701517	(11) EP1728806
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1611284	(11) EP1703027	(11) EP1729704
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1611722	(11) EP1703381	(11) EP1729727
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP1612146	(11) EP1703733	(11) EP1729770
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1613750	(11) EP1704797	(11) EP1729813
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1615827	(11) EP1705312	(11) EP1729929
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1616406	(11) EP1707382	(11) EP1730270
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1616411	(11) EP1712270	(11) EP1730314
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1730320	(11) EP1779146	(11) EP1843122
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP1732469	(11) EP1782938	(11) EP1844172
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP1732627	(11) EP1787984	(11) EP1853250
(00) 01.04.2019	(00) 01.04.2019	(00) 12.08.2019
(00) EPV lapsed	(00) EPV lapsed	(00) European Patent got Revoked
(11) EP1732929	(11) EP1791723	(11) EP1853400
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP1733043	(11) EP1791875	(11) EP1856093
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP1734996	(11) EP1796697	(11) EP1856815
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1735875	(11) EP1803118	(11) EP1856886
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP1737505	(11) EP1807656	(11) EP1856917
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP1737934	(11) EP1810621	(11) EP1857571
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP1738112	(11) EP1824395	(11) EP1858445
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP1740196	(11) EP1829521	(11) EP1858656
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1740341	(11) EP1829954	(11) EP1858710
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1740444	(11) EP1830114	(11) EP1858730
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1741213	(11) EP1830465	(11) EP1859470
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1741255	(11) EP1832433	(11) EP1859500
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1742566	(11) EP1832710	(11) EP1860435
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
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(11) EP1748806	(11) EP1835591	(11) EP1860651
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1750009	(11) EP1836753	(11) EP1860780
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP1752707	(11) EP1836903	(11) EP1861306
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1754532	(11) EP1840478	(11) EP1861342
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1762082	(11) EP1840561	(11) EP1861564
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
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(11) EP1763323	(11) EP1842837	(11) EP1861583
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1861656	(11) EP1876910	(11) EP1931571
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1861771	(11) EP1877192	(11) EP1932489
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP1861924	(11) EP1877611	(11) EP1934801
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP1862026	(11) EP1877985	(11) EP1935777
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP1863558	(11) EP1878081	(11) EP1942070
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1863787	(11) EP1878524	(11) EP1945148
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1863962	(11) EP1880406	(11) EP1948932
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1864071	(11) EP1881008	(11) EP1949148
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP1864131	(11) EP1882125	(11) EP1951854
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1864149	(11) EP1885496	(11) EP1954905
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP1864527	(11) EP1885931	(11) EP1956935
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP1864666	(11) EP1886391	(11) EP1963547
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1864939	(11) EP1887059	(11) EP1967686
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1866385	(11) EP1903041	(11) EP1972243
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1867372	(11) EP1906098	(11) EP1974225
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1868998	(11) EP1908822	(11) EP1975622
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1869446	(11) EP1911883	(11) EP1976228
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP1871898	(11) EP1919404	(11) EP1978084
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP1871947	(11) EP1919641	(11) EP1978190
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1874508	(11) EP1924223	(11) EP1978261
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP1875389	(11) EP1931129	(11) EP1978782
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP1875790	(11) EP1931407	(11) EP1980517
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019

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(11) EP1980925	(11) EP1998307	(11) EP2002598
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
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(11) EP1982075	(11) EP1999006	(11) EP2004033
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
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(11) EP1982759	(11) EP1999114	(11) EP2004270
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1988369	(11) EP1999139	(11) EP2004352
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1989308	(11) EP1999157	(11) EP2004605
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1989986	(11) EP1999180	(11) EP2005547
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP1991263	(11) EP1999217	(11) EP2006359
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1991963	(11) EP1999218	(11) EP2006360
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP1992054	(11) EP1999245	(11) EP2006361
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1993718	(11) EP1999254	(11) EP2006391
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP1994492	(11) EP1999412	(11) EP2007108
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1994911	(11) EP1999832	(11) EP2007207
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1996007	(11) EP1999979	(11) EP2007434
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1996063	(11) EP2001045	(11) EP2007495
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP1996066	(11) EP2001305	(11) EP2007855
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1996127	(11) EP2001445	(11) EP2007918
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP1996157	(11) EP2001503	(11) EP2008070
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1996252	(11) EP2001518	(11) EP2009084
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1996273	(11) EP2001610	(11) EP2009807
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1996382	(11) EP2001938	(11) EP2010577
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1996652	(11) EP2002415	(11) EP2010713
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1997717	(11) EP2002551	(11) EP2010878
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019



(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2011345	(11) EP2061310	(11) EP2100871
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2011678	(11) EP2062139	(11) EP2101099
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2013204	(11) EP2063937	(11) EP2102775
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2016612	(11) EP2063945	(11) EP2103542
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2017326	(11) EP2064834	(11) EP2103554
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2017998	(11) EP2065440	(11) EP2103776
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2018131	(11) EP2066105	(11) EP2103945
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2019780	(11) EP2066346	(11) EP2105394
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2021260	(11) EP2070153	(11) EP2106120
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2023026	(11) EP2072936	(11) EP2107599
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2026570	(11) EP2075890	(11) EP2107762
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2029438	(11) EP2080167	(11) EP2109173
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2032360	(11) EP2080315	(11) EP2112743
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2034004	(11) EP2081374	(11) EP2112839
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2037367	(11) EP2081545	(11) EP2113112
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2038809	(11) EP2083965	(11) EP2114264
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2040271	(11) EP2088976	(11) EP2114870
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2053952	(11) EP2089802	(11) EP2115112
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2055169	(11) EP2092621	(11) EP2116694
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2055170	(11) EP2093134	(11) EP2118044
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2055171	(11) EP2097287	(11) EP2118316
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2056255	(11) EP2100713	(11) EP2118372
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2119478	(11) EP2132428	(11) EP2146877
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2121549	(11) EP2133091	(11) EP2147334
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2122994	(11) EP2133166	(11) EP2147573
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2124254	(11) EP2133877	(11) EP2154354
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2125698	(11) EP2134154	(11) EP2154578
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2125899	(11) EP2134322	(11) EP2154596
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2126167	(11) EP2134381	(11) EP2155421
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2127130	(11) EP2134767	(11) EP2156122
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2127326	(11) EP2134769	(11) EP2156142
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2127877	(11) EP2134771	(11) EP2157025
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2129216	(11) EP2138838	(11) EP2158314
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2129226	(11) EP2139357	(11) EP2158992
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2129262	(11) EP2139367	(11) EP2161211
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2129524	(11) EP2139400	(11) EP2163302
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2129699	(11) EP2139577	(11) EP2164379
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2129906	(11) EP2139743	(11) EP2173558
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2130074	(11) EP2139815	(11) EP2174932
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2130089	(11) EP2140247	(11) EP2176032
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2130266	(11) EP2142206	(11) EP2181254
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2130326	(11) EP2142558	(11) EP2181791
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2130932	(11) EP2144619	(11) EP2183109
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2132268	(11) EP2144635	(11) EP2184348
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019

(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2187106	(11) EP2228905	(11) EP2241721
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2187852	(11) EP2229645	(11) EP2242815
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2192019	(11) EP2229848	(11) EP2243764
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2195597	(11) EP2229849	(11) EP2244943
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2201415	(11) EP2229938	(11) EP2247106
(00) 03.07.2019	(00) 01.04.2019	(00) 03.11.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) Patent Expired
(11) EP2202468	(11) EP2230083	(11) EP2247140
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2204528	(11) EP2230283	(11) EP2249008
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2208295	(11) EP2232151	(11) EP2249307
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2208680	(11) EP2233133	(11) EP2249626
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2213764	(11) EP2233220	(11) EP2250008
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2217255	(11) EP2233401	(11) EP2250716
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2217541	(11) EP2233569	(11) EP2251060
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2218010	(11) EP2233956	(11) EP2251579
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2220649	(11) EP2234153	(11) EP2252517
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2224504	(11) EP2237044	(11) EP2252691
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2225684	(11) EP2237388	(11) EP2253084
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2225782	(11) EP2237396	(11) EP2253104
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2226123	(11) EP2239001	(11) EP2253847
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2226272	(11) EP2239002	(11) EP2255026
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2226671	(11) EP2239003	(11) EP2255163
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2226905	(11) EP2239146	(11) EP2255164
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2228858	(11) EP2241398	(11) EP2255516
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019

(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2256506	(11) EP2264167	(11) EP2271679
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2257207	(11) EP2264817	(11) EP2271721
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2257208	(11) EP2265157	(11) EP2271936
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2257430	(11) EP2265182	(11) EP2271945
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2257526	(11) EP2265295	(11) EP2273598
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2257581	(11) EP2265382	(11) EP2273769
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2258088	(11) EP2265589	(11) EP2274156
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2259307	(11) EP2265679	(11) EP2274337
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2259346	(11) EP2265729	(11) EP2276767
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2259694	(11) EP2265944	(11) EP2277928
(00) 01.04.2019	(00) 01.04.2019	(00) 02.11.2019
(00) EPV lapsed	(00) EPV lapsed	(00) Patent Expired
(11) EP2259753	(11) EP2265977	(11) EP2278274
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2259843	(11) EP2266380	(11) EP2278826
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2259902	(11) EP2266921	(11) EP2279266
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2260078	(11) EP2267499	(11) EP2279291
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2260479	(11) EP2268160	(11) EP2279421
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2260871	(11) EP2268193	(11) EP2281846
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2262474	(11) EP2268612	(11) EP2282651
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2262562	(11) EP2268623	(11) EP2284197
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2262599	(11) EP2268657	(11) EP2284706
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2262898	(11) EP2268804	(11) EP2285872
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2262907	(11) EP2269043	(11) EP2286879
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP2263596	(11) EP2271668	(11) EP2287658
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019

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(11) EP2288785	(11) EP2305954	(11) EP2329680
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(11) EP2289095	(11) EP2306564	(11) EP2331777
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2289143	(11) EP2307994	(11) EP2333588
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2289222	(11) EP2309188	(11) EP2334110
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2290131	(11) EP2312306	(11) EP2336702
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2291048	(11) EP2313966	(11) EP2339448
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2291119	(11) EP2315487	(11) EP2340975
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2291588	(11) EP2317971	(11) EP2342846
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2291655	(11) EP2320875	(11) EP2346234
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2292996	(11) EP2322489	(11) EP2346351
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2294718	(11) EP2323171	(11) EP2347515
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2295056	(11) EP2323947	(11) EP2348255
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2295094	(11) EP2324091	(11) EP2348890
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2296089	(11) EP2324587	(11) EP2351285
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2299556	(11) EP2324619	(11) EP2354728
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2300757	(11) EP2325298	(11) EP2359817
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2301150	(11) EP2326182	(11) EP2360851
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2302448	(11) EP2327260	(11) EP2363177
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2303499	(11) EP2327429	(11) EP2363820
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2304126	(11) EP2328294	(11) EP2363937
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2304504	(11) EP2328349	(11) EP2364379
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2305795	(11) EP2329658	(11) EP2364650
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019

(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2364712	(11) EP2380506	(11) EP2398596
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2364762	(11) EP2380948	(11) EP2401651
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2365129	(11) EP2380993	(11) EP2401775
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2365274	(11) EP2383064	(11) EP2402317
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP2366238	(11) EP2383271	(11) EP2402319
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2366456	(11) EP2383360	(11) EP2402645
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2368031	(11) EP2383688	(11) EP2403460
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2368116	(11) EP2384540	(11) EP2403725
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2368678	(11) EP2385318	(11) EP2403780
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2369057	(11) EP2385409	(11) EP2403935
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2369460	(11) EP2385798	(11) EP2403941
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2369826	(11) EP2385994	(11) EP2404003
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2371281	(11) EP2386090	(11) EP2404399
(00) 04.11.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP2371448	(11) EP2388570	(11) EP2404471
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2371541	(11) EP2388666	(11) EP2404506
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2371577	(11) EP2390517	(11) EP2404977
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2372366	(11) EP2392015	(11) EP2405891
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2374699	(11) EP2392451	(11) EP2406002
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP2375461	(11) EP2392587	(11) EP2406252
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
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(11) EP2376011	(11) EP2392852	(11) EP2406567
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(11) EP2376150	(11) EP2395807	(11) EP2406568
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP2380465	(11) EP2396723	(11) EP2406783
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(11) EP2408006	(11) EP2412267	(11) EP2417283
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(11) EP2408146	(11) EP2412306	(11) EP2417284
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
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(11) EP2408147	(11) EP2413207	(11) EP2417285
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(11) EP2408299	(11) EP2413717	(11) EP2417590
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(11) EP2408324	(11) EP2413719	(11) EP2419441
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(11) EP2408346	(11) EP2413992	(11) EP2419651
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(11) EP2408392	(11) EP2414013	(11) EP2420550
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(11) EP2408468	(11) EP2414050	(11) EP2421185
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2408475	(11) EP2414134	(11) EP2421910
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(11) EP2408654	(11) EP2414149	(11) EP2422402
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2408730	(11) EP2414465	(11) EP2423795
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2408838	(11) EP2414700	(11) EP2424123
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(11) EP2409068	(11) EP2414757	(11) EP2424926
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(11) EP2409504	(11) EP2415053	(11) EP2427044
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(11) EP2410034	(11) EP2415185	(11) EP2428855
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(11) EP2410937	(11) EP2415306	(11) EP2429794
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(11) EP2411192	(11) EP2415320	(11) EP2430198
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(11) EP2411193	(11) EP2415681	(11) EP2430582
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(11) EP2411219	(11) EP2416406	(11) EP2430726
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(11) EP2411535	(11) EP2417181	(11) EP2431685
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(11) EP2432148	(11) EP2460435	(11) EP2487574
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(11) EP2433540	(11) EP2465172	(11) EP2489244
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(11) EP2433988	(11) EP2465443	(11) EP2490397
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(11) EP2434233	(11) EP2466921	(11) EP2491915
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(11) EP2435776	(11) EP2468322	(11) EP2495267
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(11) EP2436990	(11) EP2469960	(11) EP2495327
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(11) EP2437068	(11) EP2473277	(11) EP2495349
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(11) EP2438613	(11) EP2474162	(11) EP2497535
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(11) EP2439920	(11) EP2475218	(11) EP2497702
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(11) EP2440349	(11) EP2476075	(11) EP2498041
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(11) EP2442252	(11) EP2477403	(11) EP2498318
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(11) EP2444390	(11) EP2479701	(11) EP2498663
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(11) EP2446390	(11) EP2479894	(11) EP2499098
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(11) EP2450381	(11) EP2479941	(11) EP2499405
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(11) EP2450908	(11) EP2480523	(11) EP2499757
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(11) EP2453223	(11) EP2484150	(11) EP2500194
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(11) EP2453810	(11) EP2484962	(11) EP2500676
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2456149	(11) EP2485058	(11) EP2500689
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2456682	(11) EP2485807	(11) EP2500957
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(11) EP2458681	(11) EP2486666	(11) EP2502477
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019



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(11) EP2502842	(11) EP2515639	(11) EP2531128
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(11) EP2503010	(11) EP2516868	(11) EP2532078
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(11) EP2503607	(11) EP2517255	(11) EP2532200
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(11) EP2505051	(11) EP2517292	(11) EP2533505
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(11) EP2505355	(11) EP2517665	(11) EP2534565
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(11) EP2505463	(11) EP2521151	(11) EP2536586
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2505493	(11) EP2521526	(11) EP2537275
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(11) EP2505731	(11) EP2522560	(11) EP2538863
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2505898	(11) EP2522574	(11) EP2539646
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(11) EP2506498	(11) EP2522898	(11) EP2540704
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(11) EP2507938	(11) EP2523203	(11) EP2541298
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(11) EP2508207	(11) EP2523427	(11) EP2541609
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2508263	(11) EP2524469	(11) EP2542251
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP2508462	(11) EP2524569	(11) EP2542261
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP2510643	(11) EP2524914	(11) EP2542420
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2511029	(11) EP2525093	(11) EP2542424
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2511666	(11) EP2527741	(11) EP2542512
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2511959	(11) EP2527744	(11) EP2542571
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2514324	(11) EP2528418	(11) EP2542742
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2514823	(11) EP2529844	(11) EP2543089
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2514862	(11) EP2530912	(11) EP2544333
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2515215	(11) EP2530926	(11) EP2544519
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019

(00) EPV lapsed	(00) European Patent got Revoked	(00) EPV lapsed
(11) EP2544549	(11) EP2550535	(11) EP2555024
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2544673	(11) EP2550580	(11) EP2555227
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2544683	(11) EP2550664	(11) EP2555280
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2545058	(11) EP2551271	(11) EP2555391
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2545096	(11) EP2551340	(11) EP2556592
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP2545256	(11) EP2551853	(11) EP2557601
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2546331	(11) EP2552470	(11) EP2558396
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2546824	(11) EP2552520	(11) EP2559176
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2547215	(11) EP2552545	(11) EP2559667
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2547288	(11) EP2552702	(11) EP2561184
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2547458	(11) EP2552704	(11) EP2562384
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2547639	(11) EP2552791	(11) EP2564044
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2547713	(11) EP2552835	(11) EP2564931
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2547731	(11) EP2552921	(11) EP2564932
(00) 01.04.2019	(00) 01.04.2019	(00) 01.04.2019
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(11) EP2548419	(11) EP2552963	(11) EP2566409
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2548456	(11) EP2552966	(11) EP2566516
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(11) EP2548989	(11) EP2553331	(11) EP2566671
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2549336	(11) EP2553750	(11) EP2571169
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2549519	(11) EP2554359	(11) EP2572758
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2549534	(11) EP2554541	(11) EP2572811
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2549555	(11) EP2554630	(11) EP2573346
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2550123	(11) EP2554808	(11) EP2573545
(00) 01.07.2019	(00) 01.04.2019	(00) 03.07.2019

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(11) EP2575683	(11) EP2597140	(11) EP2612562
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2577507	(11) EP2597540	(11) EP2613930
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2577679	(11) EP2597778	(11) EP2614026
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2579027	(11) EP2597993	(11) EP2614475
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2579180	(11) EP2598142	(11) EP2615816
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2581806	(11) EP2600107	(11) EP2616924
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2582534	(11) EP2600108	(11) EP2617156
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2586975	(11) EP2600235	(11) EP2617376
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2587001	(11) EP2602581	(11) EP2617998
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2587046	(11) EP2602592	(11) EP2618135
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2587358	(11) EP2603760	(11) EP2618245
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2587561	(11) EP2603944	(11) EP2618913
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2587782	(11) EP2605300	(11) EP2619033
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(11) EP2589599	(11) EP2605722	(11) EP2623137
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2590288	(11) EP2606222	(11) EP2623811
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2591073	(11) EP2606977	(11) EP2625004
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2591886	(11) EP2607594	(11) EP2626606
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2592563	(11) EP2609372	(11) EP2626970
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(11) EP2592628	(11) EP2610247	(11) EP2627143
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(11) EP2594299	(11) EP2610327	(11) EP2627149
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2594745	(11) EP2610395	(11) EP2628575
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2594793	(11) EP2611582	(11) EP2628859
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(11) EP2628860	(11) EP2641844	(11) EP2648561
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2629270	(11) EP2641876	(11) EP2650694
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2630686	(11) EP2641891	(11) EP2652211
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2632146	(11) EP2641924	(11) EP2652523
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2632359	(11) EP2641941	(11) EP2654019
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
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(11) EP2632717	(11) EP2642570	(11) EP2654601
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2633099	(11) EP2642594	(11) EP2654798
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2634242	(11) EP2642732	(11) EP2654971
(00) 23.05.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2635174	(11) EP2642892	(11) EP2655689
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2635824	(11) EP2643131	(11) EP2655883
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2636449	(11) EP2643153	(11) EP2658764
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP2636815	(11) EP2643370	(11) EP2658777
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2636841	(11) EP2643738	(11) EP2658840
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2637331	(11) EP2644252	(11) EP2658906
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2637869	(11) EP2644568	(11) EP2661109
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2638081	(11) EP2645108	(11) EP2661155
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2639193	(11) EP2645356	(11) EP2662605
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2639463	(11) EP2647318	(11) EP2662890
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2639541	(11) EP2647562	(11) EP2663919
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2639675	(11) EP2647907	(11) EP2665687
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2640082	(11) EP2648212	(11) EP2666079
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2641748	(11) EP2648532	(11) EP2666320
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019

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(11) EP2666582	(11) EP2677800	(11) EP2684147
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2666591	(11) EP2677957	(11) EP2685846
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP2667303	(11) EP2678182	(11) EP2685939
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP2667890	(11) EP2678424	(11) EP2686576
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP2668662	(11) EP2678480	(11) EP2686747
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP2668854	(11) EP2679120	(11) EP2687075
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2668912	(11) EP2679211	(11) EP2687685
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2669132	(11) EP2680632	(11) EP2688083
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2669196	(11) EP2680818	(11) EP2688437
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(11) EP2669802	(11) EP2680921	(11) EP2688455
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(11) EP2670598	(11) EP2681017	(11) EP2688701
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(11) EP2670599	(11) EP2681201	(11) EP2689012
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(11) EP2671794	(11) EP2681272	(11) EP2689062
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
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(11) EP2671795	(11) EP2681300	(11) EP2689218
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP2672636	(11) EP2681686	(11) EP2689265
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2673286	(11) EP2681822	(11) EP2689627
(00) 03.07.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP2673557	(11) EP2683281	(11) EP2690173
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2674224	(11) EP2683287	(11) EP2690192
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(11) EP2674440	(11) EP2683307	(11) EP2690551
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(11) EP2674624	(11) EP2683358	(11) EP2691086
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019
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(11) EP2675342	(11) EP2683922	(11) EP2691171
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2676126	(11) EP2684016	(11) EP2691216
(00) 03.07.2019	(00) 01.04.2019	(00) 01.04.2019

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(11) EP2691335	(11) EP2695864	(11) EP2707006
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2691521	(11) EP2696766	(11) EP2707049
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2691614	(11) EP2696905	(11) EP2707069
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2691659	(11) EP2697053	(11) EP2707245
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2692011	(11) EP2697263	(11) EP2708123
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(11) EP2692065	(11) EP2697915	(11) EP2708648
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2692662	(11) EP2698473	(11) EP2708766
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2692663	(11) EP2699150	(11) EP2708799
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2692664	(11) EP2699151	(11) EP2709573
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2692739	(11) EP2699152	(11) EP2709814
(00) 03.07.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2694111	(11) EP2699153	(11) EP2711833
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
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(11) EP2694339	(11) EP2701321	(11) EP2712707
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2694409	(11) EP2702201	(11) EP2713620
(00) 01.04.2019	(00) 01.04.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2694459	(11) EP2702665	(11) EP2713670
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2694490	(11) EP2704848	(11) EP2713891
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2694558	(11) EP2704892	(11) EP2714327
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2694597	(11) EP2705730	(11) EP2715430
(00) 01.04.2019	(00) 03.07.2019	(00) 01.04.2019
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(11) EP2694682	(11) EP2705832	(11) EP2715599
(00) 01.04.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2695030	(11) EP2705834	(11) EP2715963
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(11) EP2695047	(11) EP2706110	(11) EP2716460
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2695346	(11) EP2706739	(11) EP2716866
(00) 03.07.2019	(00) 03.07.2019	(00) 03.07.2019
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(11) EP2695401	(11) EP2706795	(11) EP2717024
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(11) EP2719164	(11) EP2741706	(11) EP2757153
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(11) EP2719834	(11) EP2743680	(11) EP2757710
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(11) EP2724521	(11) EP2744512	(11) EP2758245
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(11) EP2725457	(11) EP2744601	(11) EP2758778
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(11) EP2727866	(11) EP2745357	(11) EP2758788
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(11) EP2730036	(11) EP2746160	(11) EP2759515
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(11) EP2731236	(11) EP2746499	(11) EP2762002
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(11) EP2732098	(11) EP2746611	(11) EP2762802
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(11) EP2732670	(11) EP2747122	(11) EP2762925
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(11) EP2734016	(11) EP2748464	(11) EP2764272
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(11) EP2735094	(11) EP2749142	(11) EP2764895
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(11) EP2735316	(11) EP2749655	(11) EP2765618
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(11) EP2736116	(11) EP2749738	(11) EP2765770
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(11) EP2736619	(11) EP2750192	(11) EP2766642
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(11) EP2736808	(11) EP2750294	(11) EP2767260
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(11) EP2737247	(11) EP2751780	(11) EP2767364
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(11) EP2739189	(11) EP2752355	(11) EP2767767
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(11) EP2739360	(11) EP2752449	(11) EP2771171
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(11) EP2740064	(11) EP2754379	(11) EP2771250
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(11) EP2740162	(11) EP2754953	(11) EP2772328
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(11) EP2740249	(11) EP2756586	(11) EP2772744
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(11) EP2741222	(11) EP2756654	(11) EP2774207
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(11) EP2775461	(11) EP2786151	(11) EP2796366
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(11) EP2775471	(11) EP2786214	(11) EP2796387
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(11) EP2775906	(11) EP2786222	(11) EP2796757
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(11) EP2777080	(11) EP2786928	(11) EP2796998
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(11) EP2778352	(11) EP2788004	(11) EP2797626
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(11) EP2780363	(11) EP2789502	(11) EP2798871
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(11) EP2781346	(11) EP2789893	(11) EP2799209
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(11) EP2781364	(11) EP2789953	(11) EP2799294
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(11) EP2782241	(11) EP2790563	(11) EP2799567
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(11) EP2782263	(11) EP2791142	(11) EP2800195
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(11) EP2783459	(11) EP2791362	(11) EP2800363
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(11) EP2783567	(11) EP2791457	(11) EP2800596
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(11) EP2783572	(11) EP2791690	(11) EP2800684
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(11) EP2783738	(11) EP2792073	(11) EP2801764
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(11) EP2783816	(11) EP2792811	(11) EP2801765
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(11) EP2784646	(11) EP2794962	(11) EP2802673
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(11) EP2803333	(11) EP2811394	(11) EP2824225
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(11) EP2806299	(11) EP2817436	(11) EP2825420
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(11) EP2806465	(11) EP2817678	(11) EP2825639
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(11) EP2806606	(11) EP2818729	(11) EP2825817
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(11) EP2806694	(11) EP2819598	(11) EP2825937
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(11) EP2807816	(11) EP2820784	(11) EP2825952
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(11) EP2808257	(11) EP2820970	(11) EP2825992
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(11) EP2808410	(11) EP2822388	(11) EP2826106
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(11) EP2808745	(11) EP2822518	(11) EP2826164
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(11) EP2809472	(11) EP2822629	(11) EP2826171
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(11) EP2809523	(11) EP2822797	(11) EP2826174
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(11) EP2809916	(11) EP2822993	(11) EP2826293
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(11) EP2810171	(11) EP2823031	(11) EP2826620
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(11) EP2810563	(11) EP2823052	(11) EP2826987
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(11) EP2810733	(11) EP2823282	(11) EP2827276
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(11) EP2811259	(11) EP2823677	(11) EP2827474
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(11) EP2827881	(11) EP2833793	(11) EP2842049
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(11) EP2828187	(11) EP2834244	(11) EP2842877
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(11) EP2829017	(11) EP2834504	(11) EP2843266
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(11) EP2829205	(11) EP2834670	(11) EP2843379
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(11) EP2829287	(11) EP2836253	(11) EP2844203
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(11) EP2829899	(11) EP2836495	(11) EP2845419
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(11) EP2830126	(11) EP2837041	(11) EP2845566
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(11) EP2830293	(11) EP2838288	(11) EP2847434
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(11) EP2830410	(11) EP2838692	(11) EP2847581
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(11) EP2830449	(11) EP2838818	(11) EP2847682
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(11) EP2830656	(11) EP2838843	(11) EP2847683
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(11) EP2831063	(11) EP2839491	(11) EP2847710
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(11) EP2831288	(11) EP2839495	(11) EP2848858
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(11) EP2831309	(11) EP2840182	(11) EP2849050
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(11) EP2831982	(11) EP2840688	(11) EP2849960
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(11) EP2832797	(11) EP2841688	(11) EP2851424
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(11) EP2832818	(11) EP2841736	(11) EP2852080
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(11) EP2833498	(11) EP2842036	(11) EP2852132
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(11) EP2852136	(11) EP2868429	(11) EP2880200
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(11) EP2852361	(11) EP2868475	(11) EP2880587
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(11) EP2853817	(11) EP2872041	(11) EP2881065
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(11) EP2854196	(11) EP2872091	(11) EP2881190
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(11) EP2855159	(11) EP2872355	(11) EP2882620
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(11) EP2855876	(11) EP2873987	(11) EP2882985
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(11) EP2855878	(11) EP2874077	(11) EP2884202
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(11) EP2855888	(11) EP2874906	(11) EP2884332
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(11) EP2856528	(11) EP2875270	(11) EP2884655
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(11) EP2856715	(11) EP2875957	(11) EP2884687
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(11) EP2857335	(11) EP2876399	(11) EP2887561
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(11) EP2858455	(11) EP2876480	(11) EP2887964
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(11) EP2858753	(11) EP2876524	(11) EP2889934
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(11) EP2859048	(11) EP2876926	(11) EP2889941
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(11) EP2859204	(11) EP2877344	(11) EP2891395
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(11) EP2860508	(11) EP2877669	(11) EP2891701
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(11) EP2861381	(11) EP2877904	(11) EP2891815
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(11) EP2861471	(11) EP2878149	(11) EP2891851
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(11) EP2861703	(11) EP2878688	(11) EP2893075
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(11) EP2865735	(11) EP2879129	(11) EP2893076
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(11) EP2866098	(11) EP2879842	(11) EP2893885
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(11) EP2866421	(11) EP2880185	(11) EP2893977
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(11) EP2895100	(11) EP2910528	(11) EP2921429
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(11) EP2895318	(11) EP2911017	(11) EP2921434
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(11) EP2897103	(11) EP2911224	(11) EP2921605
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(11) EP2898495	(11) EP2911383	(11) EP2922320
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(11) EP2899034	(11) EP2912822	(11) EP2922379
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(11) EP2899199	(11) EP2913979	(11) EP2923222
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(11) EP2899998	(11) EP2914465	(11) EP2923412
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(11) EP2900131	(11) EP2914606	(11) EP2923857
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(11) EP2901302	(11) EP2914631	(11) EP2923959
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(11) EP2901357	(11) EP2915467	(11) EP2924099
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(11) EP2902108	(11) EP2915576	(11) EP2924759
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(11) EP2902863	(11) EP2916053	(11) EP2925048
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(11) EP2903058	(11) EP2916509	(11) EP2925337
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(11) EP2903195	(11) EP2916510	(11) EP2925413
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(11) EP2905139	(11) EP2916543	(11) EP2926363
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(11) EP2905643	(11) EP2917056	(11) EP2926806
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(11) EP2906308	(11) EP2918162	(11) EP2927506
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(11) EP2906749	(11) EP2918861	(11) EP2927775
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(11) EP2906846	(11) EP2918987	(11) EP2928086
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(11) EP2906870	(11) EP2919284	(11) EP2929651
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(11) EP2907497	(11) EP2919823	(11) EP2931071
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(11) EP2908389	(11) EP2920882	(11) EP2932125
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(11) EP2933355	(11) EP2945966	(11) EP2954168
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(11) EP2933404	(11) EP2947072	(11) EP2955162
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(11) EP2935020	(11) EP2947180	(11) EP2955816
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(11) EP2935927	(11) EP2947287	(11) EP2956225
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(11) EP2936222	(11) EP2947304	(11) EP2956240
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(11) EP2936630	(11) EP2947863	(11) EP2959117
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(11) EP2937697	(11) EP2947944	(11) EP2959269
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(11) EP2937844	(11) EP2948560	(11) EP2959479
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(11) EP2938914	(11) EP2949110	(11) EP2959507
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(11) EP2939470	(11) EP2950072	(11) EP2962316
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(11) EP2939802	(11) EP2950275	(11) EP2964287
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(11) EP2940566	(11) EP2950397	(11) EP2964557
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(11) EP2942837	(11) EP2952269	(11) EP2964972
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(11) EP2942847	(11) EP2952884	(11) EP2965083
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(11) EP2965548	(11) EP2969695	(11) EP2972110
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(11) EP2965570	(11) EP2969795	(11) EP2972208
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(11) EP2967043	(11) EP2970211	(11) EP2973772
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(11) EP2968735	(11) EP2971030	(11) EP2976737
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(11) EP2969512	(11) EP2971600	(11) EP2977508
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(11) EP2978246	(11) EP2983294	(11) EP2992732
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(11) EP2978403	(11) EP2984874	(11) EP2992784
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(11) EP2978416	(11) EP2985390	(11) EP2993194
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(11) EP2978944	(11) EP2986141	(11) EP2994557
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(71) MARS DRINKS UK LIMITED	(11) 1025235	(11) EP2654415
(73) MARS DRINKS UK LIMITED	(00) 30.10.2019	(00) 30.10.2019
(11) EP1315437	(51) G07B 15/02	(51) A01K 5/02
(00) 25.10.2019	G07F 17/00	A01K 11/00
(51) A47J 31/40	(00) Assignment	A01K 29/00
B65D 81/00	(71) SECATEURS PRADINES	G01S 5/02
(00) Assignment	(73) SECATEURS PRADINES	(00) Assignment
(71) SABIC Global Technologies B.V.	(11) EP1186227	(71) Stichting Administratiekantoor Weelink
Teijin Carbon Europe GmbH	(00) 29.10.2019	Berendsen
(73) SABIC Global Technologies B.V.	(51) A01G 3/02	(73) Stichting Administratiekantoor Weelink
Teijin Carbon Europe GmbH	(00) Assignment	Berendsen
(11) EP3099732	(71) SECATEURS PRADINES	(11) EP2654413
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(51) C08J 5/04	(11) EP1316251	(51) A01K 1/10
C08J 5/06	(00) 29.10.2019	A01K 1/06
(00) Assignment	(51) A01G 3/02	(00) Assignment
(71) LAMEPLAST S.p.A.	B25G 3/26	(71) AR Check GmbH & Co. KG
(73) LAMEPLAST S.p.A.	B26B 13/04	(73) AR Check GmbH & Co. KG
(11) EP1289842	(00) Assignment	(11) EP3189384
(00) 24.10.2019	(71) Simplify Medical, Inc.	(00) 30.10.2019
(51) B65D 1/09	(73) Simplify Medical Pty Ltd	(51) G05B 19/042
B65D 47/36	(11) EP1626685	G06F 3/01
(00) Change of Legal Entity	(00) 29.10.2019	G02B 27/01
(71) Optiqua B.V.	(51) A61F 2/44	(00) Assignment
(73) Optiqua B.V.	(00) Change of owner(s) name	(71) Astellas Pharma Inc.
(11) EP2214049	(71) Simplify Medical Pty Ltd	TRON - Translationale Onkologie an der
(00) 25.10.2019	(73) Simplify Medical Pty Ltd	Universitätsmedizin der Johannes Gutenberg-
(51) G02F 1/01	(11) EP1626685	Universität Mainz gemeinnützige GmbH
G01N 21/45	(00) 29.10.2019	(73) TRON - Translationale Onkologie an der
(00) Assignment	(51) A61F 2/44	Universitätsmedizin der Johannes Gutenberg-
(71) ECE Offshore B.V.	(00) Assignment	Universität Mainz gemeinnützige GmbH
(73) ECE Offshore B.V.	(71) SUBLIMITY THERAPEUTICS LIMITED	Astellas Pharma Inc.
(11) 2018963	(73) SUBLIMITY THERAPEUTICS LIMITED	(11) EP2662386
(00) 25.10.2019	(11) EP2432455	(00) 11.10.2019
(51) H02G 1/10	(00) 10.10.2019	(51) C07K 16/18
B63B 35/00	(51) A61K 9/16	A61K 39/00
B65H 75/00	A61K 9/50	(00) Assignment
(00) Assignment	A61K 9/107	(71) IQVIA Opérations France SAS
(71) Biogen MA Inc.	A61K 38/13	(73) IQVIA Opérations France SAS
(73) Biogen MA Inc.	A61K 31/436	(11) EP2901328
(11) EP2445883	(00) Change of owner(s) name	(00) 29.10.2019
(00) 28.10.2019	(71) Zetacom Holding B.V.	(51) G06F 17/30
(51) C07D 213/65	(73) Zetacom Holding B.V.	H04L 29/06
C07D 307/22	(11) 2015959	(00) Assignment
C07D 307/42	(00) 29.10.2019	(71) GAZTRANSPORT ET TECHNIGAZ
C07D 333/38	(51) G08B 25/01	(73) GAZTRANSPORT ET TECHNIGAZ
C07D 405/12	G08B 27/00	(11) EP1968779
C07D 409/12	G08B 25/14	(00) 22.10.2019
C07D 409/14	G08B 25/00	(51) B29C 65/00
C07D 295/096	(00) Assignment	B29C 65/50
C07C 311/07	(71) Zetacom Holding B.V.	F17C 13/00
A61K 31/341	(73) Zetacom Holding B.V.	(00) Assignment
A61K 31/381	(11) 1041620	
A61K 31/402	(00) 29.10.2019	
A61K 31/443	(51) G06Q 10/06	
A61K 31/4453	G06Q 50/22	
A61K 31/4709	(00) Assignment	
(00) Assignment	(71) Stichting Administratiekantoor Weelink	
(71) WAYSIS B.V.	Berendsen	
(73) WAYSIS B.V.	(73) Stichting Administratiekantoor Weelink	
	Berendsen	

**TVH**

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