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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (**www.wipo.int/scit/en/standards/standards.htm**).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (**www.wipo.int/scit/fr/standards/standards.htm**).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (**www.strategis.ic.gc.ca/patentsorder**) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (**www.strategis.ic.gc.ca/brevetscommande**) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act.* Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,810,466
2,972,062

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,810,466
2,972,062

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After February 19, 2019

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1730***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 19 février 2019

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1730 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$260**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$260** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$390** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **260 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **260 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **390 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

The correspondence procedures and the related practice for written communications to the Commissioner of Patents and the Patent Office under the Patent Act and the Patent Rules is outlined in Chapter 2 of the Manual of Patent Office Practice (MOPOP).

Web Link for MOPOP:
http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/h_wr00720.html

The correspondence procedures and the related practice of written communications with respect to Trademarks and to Industrial Design can be found in the Practice Notice entitled *Correspondence Procedures*, available on CIPO's website.

CIPO Web Link for correspondence procedures pertaining to Trademarks and Industrial Design:
https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/wr00633.html

Publication date: May 10, 2017
Amendment date: June 17, 2019

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14. Procédures de correspondance

Les procédures de correspondance et les pratiques connexes de communication écrite au commissaire aux brevets ou au Bureau des brevets en vertu de la Loi sur les brevets et des Règles sur les brevets seront exposées dans le chapitre 2 du Recueil des pratiques du Bureau des brevets (RPBB).

Lien Web pour le RPBB :
http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/h_wr00720.html

Les procédures de correspondance et les pratiques connexes de communication écrite concernant les marques de commerce et les dessins industriels se trouvent dans le document intitulé *Procédures de correspondance*, consultable sur le site Web de l'OPIC.

Lien Web de l'OPIC pour les procédures de correspondance relatives aux marques de commerce et aux dessins industriels :
https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/wr00633.html

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Date de modification : 17 juin 2019

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7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office
8. Intellectual Property Acts, Rules and Regulation

7. Procédures à suivre lorsque l'Office est ouvert au public, mais les clients sont incapables de communiquer avec l'Office
8. Lois, règles et règlements sur la propriété intellectuelle

This notice is intended to clarify the practice of the Canadian Intellectual Property Office with respect to correspondence procedures and written communications and replaces all previous notices.

Le présent énoncé de pratique a pour but de préciser la pratique de l'Office de la propriété intellectuelle du Canada relativement aux procédures de correspondance et de communications écrites et remplace tout avis antérieur.

1. Physical Delivery of Correspondence and Written Communications to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, subsection 10(1) of the Trademarks Regulations, section 2 of the Copyright Regulations, section 4 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the Registrar of Trademarks, the Copyright Office, the Industrial Design Office, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

In accordance with subsections 5(2), 5(3), 54(1) and 54(2) of the Patent Rules, subsection 10(2) of the Trademarks Regulations, subsections 2(2) and (3) of the Copyright Regulations, subsection 5(1) of the Industrial Design Regulations and subsections 3(2) and (3) of the Integrated Circuit Topography Regulations, correspondence and written communications delivered to the above address between 8:30 a.m. to 4:30 p.m. (Eastern Time) Monday to Friday is deemed to have been received on the actual date of their delivery if they are delivered when CIPO is open to the public.

Correspondence delivered at a time when CIPO is closed to the public will be deemed or considered to have been received on the day on which CIPO is next open to the public.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted

1. Remise physique de correspondance et communications écrites à l'OPIC

Pour l'application des articles 5 et 54 des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, du Bureau des dessins industriels, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

Conformément aux paragraphes 5(2), 5(3), 54(1) et 54(2) des Règles sur les brevets, du paragraphe 10(2) du Règlement sur les marques de commerce, des paragraphes 2(2) et (3) du Règlement sur le droit d'auteur, du paragraphe 5(1) du Règlement sur les dessins industriels et des paragraphes 3(2) et (3) du Règlement sur les topographies de circuits intégrés, la correspondance et les communications écrites ayant été remises à l'adresse ci-dessus entre 8h30 et 16h30 (Heure de l'Est) du lundi au vendredi seront réputées avoir été reçues le jour de leur remise, si elles sont remises alors que l'OPIC est ouvert au public.

La correspondance remise lorsque les bureaux de l'OPIC sont fermés au public sera réputée avoir été reçue le jour de la réouverture de l'OPIC au public.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, celle-ci ne peut pas être retournée à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet qui ne rencontre pas les exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements des frais devrait toujours être

to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

fourni comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiement des frais.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 10(1) of the Trademarks Regulations, subsection 2(4) of the Copyright Regulations, section 4 of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be delivered **in person**. Please note that documents, payments and payment instructions delivered to the addresses listed below **must be enclosed in a sealed envelope** and that **no in person payment transactions** are processed on site. The ordinary business hours for each designated establishment are listed below.

- Innovation, Science and Economic Development Canada
  C.D. Howe Building
  235 Queen Street, Room S-143
  Ottawa ON K1A 0H5
  Tel.: 343-291-3436

  8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays

- Innovation, Science and Economic Development Canada
  Sun Life Building
  1155 Metcalfe Street, Room 950
  Montreal QC H3B 2V6
  Tel.: 514-496-1797
  Toll-free: 1-888-237-3037

  8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays

- Innovation, Science and Economic Development Canada
  151 Yonge Street, 4th Floor
  Toronto ON M5C 2W7
  Tel.: 416-973-5000

  8:30 a.m. to 4:30 p.m. (local time) Monday to Friday,

1.1 Établissements désignés

Pour l'application des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être remise **en personne** aux établissements ou bureaux désignés suivants. Veuillez prendre note que les documents, paiements et instructions de paiements remis aux adresses énumérées ci-dessous doivent être **inclus dans une enveloppe scellée** et qu'**aucune transaction de paiement en personne** n'est traitée sur place. Les heures normales d'ouverture pour chaque établissement désigné sont indiquées ci-dessous.

- Innovation, Sciences et Développement économique Canada
  Édifice C.D. Howe
  235, rue Queen, pièce S-143
  Ottawa (Ontario) K1A 0H5
  Tél. : 343-291-3436

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
  Édifice Sun Life
  1155, rue Metcalfe, bureau 950
  Montréal (Québec) H3B 2V6
  Tél. : 514-496-1797
  Sans frais : 1-888-237-3037

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
  151, rue Yonge, 4e étage
  Toronto (Ontario) M5C 2W7
  Tél. : 416-973-5000

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à

except statutory holiday

- Innovation, Science and Economic Development Canada
  Canada Place
  9700 Jasper Avenue, Suite 725
  Edmonton AB T5J 4C3
  Tel.: 780-495-4782
  Toll-free: 1-800-461-2646

  8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays

- Innovation, Science and Economic Development Canada
  Library Square
  300 West Georgia Street, Suite 2000
  Vancouver BC V6B 6E1
  Tel.: 604-666-5000

  8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays

l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
  Canada Place
  9700, avenue Jasper, pièce 725
  Edmonton (Alberta) T5J 4C3
  Tél. : 780-495-4782
  Sans frais : 1-800-461-2646

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
  Library Square
  300, rue Georgia Ouest, pièce 2000
  Vancouver (C.-B.) V6B 6E1
  Tél. : 604-666-5000

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

In accordance with subsections 5(4), 5(5), 54(3) and 54(4) of the Patent Rules, subsection 10(3) of the Trademarks Regulations, subsections 2(4) and (5) of the Copyright Regulations, subsection 5(2) of the Industrial Design Regulations and subsections 3(4) and (5) of the Integrated Circuit Topography Regulations, correspondence delivered to a designated establishment on a day when CIPO is open to the public will be deemed or considered to be received on the day on which they are delivered to that designated establishment. If CIPO is closed to the public, correspondence will be deemed or considered to be received on the day on which CIPO is next open to the public. For example, if correspondence intended for CIPO is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as CIPO is closed on that day (St-Jean-Baptiste Holiday in Quebec). It will be deemed received on the day on which CIPO is next open to the public.

Conformément aux paragraphes 5(4), 5(5), 54(3) et 54(4) des Règles sur les brevets, au paragraphe 10(3) du Règlement sur les marques de commerce, aux paragraphes 2(4) et (5) du Règlement sur le droit d'auteur, au paragraphe 5(2) du Règlement sur les dessins industriels et aux paragraphes 3(4) et (5) du Règlement sur les topographies de circuits intégrés, la correspondance remise à l'un des établissements désignés susmentionnés lorsque les bureaux de l'OPIC sont ouverts au public sera réputée ou considérée avoir été reçue le jour de leur remise à cet établissement désigné. Si les bureaux de l'OPIC sont fermés au public, la correspondance sera réputée ou considérée avoir été reçue à le jour de la réouverture de l'OPIC au public. Par exemple, la correspondance adressée à l'OPIC remise à l'établissement désigné de Toronto le 24 juin ne sera pas considérée avoir été reçue le 24 juin puisque les bureaux de l'OPIC sont fermés ce jour-là (la Saint-Jean Baptiste est un jour férié au Québec). La correspondance sera alors réputée avoir été reçue le jour de la réouverture des bureaux de l'OPIC au public.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Pour l'application des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des établissements ou des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être remise.

L'OPIC considère que la correspondance remise par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation de Postes Canada, en autant que l'OPIC soit ouvert au public ce jour-là. Si l'OPIC est fermé au public ce jour-là, la correspondance sera réputée ou considérée avoir été reçue le jour de réouverture de l'OPIC au public.

2. Electronic Correspondence

For the purposes of section 8.1 of the Patent Act, subsection 64(1) of the Trademarks Act, subsection 24.1(1) of the Industrial Design Act and in accordance with subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 10(4) of the Trademarks Regulations, subsection 2(6) of the Copyright Regulations, subsection 10(3) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 10(5) of the Trademarks Regulations specifies certain categories of correspondence to which the provisions of subsection 10(4) do not apply.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered to the Commissioner of Patents by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is

2. Correspondance électronique

Pour l'application de l'article 8.1 de la Loi sur les brevets, du paragraphe 64(1) de la Loi sur les marques de commerce, du paragraphe 24.1(1) de la Loi sur les dessins industriels, et conformément aux paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, au paragraphe 10(4) du Règlement sur les marques de commerce, au paragraphe 2(6) du Règlement sur le droit d'auteur, au paragraphe 10(3) du Règlement sur les dessins industriels et au paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être transmise par télécopieur, en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent énoncé.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 10(5) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 10(4) ne s'appliquent pas.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies constitue une version originale. Par conséquent, un duplicata sur support papier ne devrait pas être expédié.

La correspondance livrée au commissaire aux brevets et reçue par voie électronique, y compris par télécopieur, est considérée comme ayant été reçue à l'OPIC le jour même de sa transmission, si elle est livrée avant minuit, heure locale,

open for business.

Correspondence delivered to the Registrar of Trademarks or the Industrial Design Office by electronic means of transmission, including facsimile, is deemed to have been received on the day on which CIPO receives it (Eastern Time).

lorsque les bureaux de l'OPIC sont ouverts au public. Si elle est transmise un jour où les bureaux de l'OPIC sont fermés au public, elle est considérée comme ayant été reçue à la date du jour d'ouverture suivant de l'OPIC.

La correspondance fournie au registraire des marques de commerce ou transmise au Bureau des dessins industriels par voie électronique, y compris par télécopieur, est réputée avoir été reçue le jour ou l'OPIC l'a reçue (Heure de l'Est).

2.1 Facsimile

Black and white facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be sent to the following facsimile numbers:

(819) 953-CIPO (2476) or (819) 953-OPIC (6742)

Colour facsimile correspondence addressed to the Registrar of Trademarks or the Industrial Design Office **must** be sent to the following facsimile number:

(819) 934-3833

Note that the model of facsimile is a Xerox C505/X and that this information may be needed to ensure a successful colour transmission.

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment, will be considered not to have been received.

Evidence submitted by facsimile in respect of an opposition or section 45 proceeding **will not be accepted** due to issues such as the often-poor quality of transmission, the risk of incomplete transmission and the voluminous nature of the documents.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting by facsimile a document that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

2.1 Correspondance par télécopieur

La correspondance en noir et blanc par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (6742) ou 819-953-CIPO (2476)

La correspondance en couleur par télécopieur (modèle **:** Xerox C505/X) adressée au registraire des marques de commerce ou au Bureau des dessins industriels doit être transmise au numéro ci-dessous :

(819) 934-3833

À noter que le modèle de télécopieur est un Xerox C505/X; information qui peut être nécessaire afin de compléter une transmission en couleur.

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements désignés, sera considérée comme n'ayant pas été reçue.

Les éléments de preuve présentés par télécopieur dans le cadre d'une procédure d'opposition ou de radiation en vertu de l'article 45 de la Loi **ne seront pas acceptés** en raison des inconvénients reliés à la mauvaise qualité de la transmission, au risque que la transmission soit incomplète et à la nature volumineuse de ces documents.

Le rapport de transmission électronique que vous recevrez après votre transmission par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'une interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Lors de la transmission par télécopieur d'un document comprenant une demande d'acquittement de droit ou taxe, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements des frais afin d'assurer un traitement rapide.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents; and
- ordering copies in paper, or electronic form of a document.

Brevets

Pour l'application du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment en accédant aux pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 10(4) of the Trademarks Regulations, the following correspondence addressed to the Registrar of Trademarks may be sent electronically by

Marques de commerce

Pour l'application du paragraphe 10(4) du Règlement sur les marques de commerce, la correspondance adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment en accédant aux pages suivantes

accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- registration of a trademark application;

For the purpose of subsection 10(4) of the Trademarks Regulations, correspondence addressed to the Registrar of Trademarks in the context of opposition and section 45 proceedings may be sent electronically by accessing the Trademarks Opposition Board's online web application:

Opposition proceedings before the Trademarks Opposition Board

- filing a statement of opposition;
- filing of a counter statement;
- submission of the opponent's evidence, or statement;
- submission of the applicant's evidence, or statement;
- submission of the opponent's reply evidence;
- submission of the opponent's written representations, or statement;
- submission of the applicant's written representations, or statement;
- filing a request for a hearing; and
- requesting an extension of time.

Section 45 proceedings before the Trademarks Opposition Board

- filing a request for a section 45 notice;
- submission of the registered owner's evidence;
- submission of the requesting party's written representations, or statement;
- submission of the registered owner's written representations, or statement;
- filing a request for a hearing; and
- requesting an extension of time.

:

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- l'enregistrement d'une marque de commerce

Pour l'application du paragraphe 10(4) du Règlement sur les marques de commerce, la correspondance adressée au registraire des marques de commerce dans le cadre des procédures d'opposition ou de radiation en vertu de l'article 45 peut être envoyée par voie électronique en accédant à l'application web en ligne de la Commission des oppositions des marques de commerce.

Procédures d'opposition devant la Commission des oppositions des marques de commerce

- production d'une déclaration d'opposition;
- Production d'une contre-déclaration d'opposition;
- Production de la preuve de l'opposant, ou d'une déclaration;
- Production de la preuve du requérant, ou d'une déclaration;
- Production de la contre-preuve de l'opposant;
- Production des arguments écrits de l'opposant, ou déclarations;
- Soumission des arguments écrits du requérant, ou déclarations;
- Produire une demande pour une audience; et
- demande de prolongation de délai.

Procédures en vertu de l'article 45 devant la Commission des oppositions des marques de commerce

- Production d'une demande pour un avis en vertu de l'article 45;
- Production de la preuve du propriétaire inscrit;
- Production des arguments écrits de la demanderesse, ou déclaration;
- Production des arguments écrits du propriétaire inscrit, ou déclaration;
- Produire une demande pour une audience; et
- Demande de prolongation de délai.

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Pour l'application du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 24.1(1) of the Industrial Design Act, the following correspondence addressed to the Industrial Design Office may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Pour l'application du paragraphe 24.1(1) de la Loi sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au Bureau des dessins industriels peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Pour l'application du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Note: all electronic media must be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

2.3 Supports électroniques

Note : Les supports électroniques doivent être exempts de ver informatique, de virus, ou de tout autre contenu malveillant. Les fichiers qui comprennent du contenu malveillant seront supprimés.

Brevets

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

Trademarks and Industrial Design

The Office of the Registrar of Trademarks and the Industrial Design Office will accept the following types of electronic media: CD-ROM, CD-R, DVD, DVD-R, and USB stick.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Marques de commerce et dessins industriels

Le Bureau du registraire des marques de commerce et le Bureau des dessins industriels acceptent les supports électroniques suivants : CD ROM, CD-R, DVD, DVD-R, et clé USB.

3. Details Concerning the Electronic Formats Accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically site using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 des présentes procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Trademarks

For the purposes of subsection 64(1) of the Trademarks Act, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: PNG, TIFF, JPEG, GIF, MP3, MP4, PDF, BMP and Doc.

Industrial Design

For the purposes of subsection 24.1(1) of the Industrial Design Act, the acceptable file formats for documents, other than a representation of a design, submitted electronically are WPD, DOC, DOCX and PDF. The acceptable file formats for the representation of a design are PDF, JPEG, TIFF and GIF. The file size limit is of 60MB for PDF, 10MB for the other file formats. The scanned/stored images should be of a resolution of at least 300 dpi and the dimensions must be of 21.59 cm by 27.94 cm (8.5 in by 11 in).

Note that the conversion of files to an acceptable format may result in a change to the quality of the drawings.

Marques de commerce

Pour l’application du paragraphe 64(1) de la Loi sur les marques de commerce, les formats de fichiers acceptables pour les documents fournis par un moyen électronique énoncé à la section 2.2 des présentes procédures de correspondance sont : PNG, TIFF, JPEG, GIF, MP3, MP4, PDF, BMP et Doc.

Dessins industriels

Pour l’application du paragraphe 24.1(1) de la Loi sur les dessins industriels, les formats de fichiers acceptables pour les documents autres que la représentation d’un dessin, transmis par voie électronique sont : WPD, DOC, DOCX, PDF. Les formats de fichiers acceptables pour la représentation d’un dessin sont PDF, JPEG, TIFF, et GIF. La taille maximale est de 60MB pour le format PDF et de 10MB pour tout autre format. L’image numérisée/stockée devrait être dans une résolution d’au moins 300 dpi et les dimensions doivent être de 21,59 cm par 27,94 cm (8,5 po par 11po)

Veuillez noter que la conversion de fichiers vers un format acceptable pourrait résulter en un changement à la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

Des renseignements généraux peuvent être obtenus en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Time Period Extensions

- Time period extensions under the Patent, Trademarks and Industrial Design Acts
- Time period extensions under the Copyright and Integrated Circuit Topography Acts
- Time period extensions under the Patent Cooperation Treaty
- Time period extensions under the Madrid Protocol and the Hague Agreement

5. Prorogation des délais

- Prorogation des délais en vertu des les Lois sur les brevets, les marques de commerce, et les dessins industriels
- Prorogation des délais en vertu des les Lois sur le droit d'auteur et les topographies de circuits intégrés
- Prorogation des délais en vertu du le Traité de coopération en matière de brevets
- Prorogation des délais en vertu du Protocole de Madrid et de l'Arrangement de La Haye

Time period extensions under the Patent, Trademarks and Industrial Design Acts

For the purposes of subsection 78(1) of the Patent Act, subsection 66(1) of the Trademarks Act, and subsection 21(1) of the Industrial Design Act, any time period fixed under those Acts and ending on 1) a **prescribed day** set out in the list below or 2) a **designated day** on account of unforeseen circumstances, will be extended to the next day that is not a prescribed day or a designated day and where CIPO is open to the public.

Designated days are those days that are designated by the Commissioner, the Registrar, or the Minister, on account of unforeseen circumstances and if they are satisfied that it is in the public interest to do so. If a day is designated, the public will be informed of that fact on CIPO's website.

Prescribed days under the Patent Act, Trademarks Act and Industrial Design Act are as follows:

- Every Saturday and Sunday;
- New Year's Day (January 1)*;
- Good Friday;
- Easter Monday;
- Victoria Day: First Monday immediately preceding May 25;
- St. Jean Baptiste Day (June 24)*;
- Canada Day (July 1)*;
- The first Monday in August;***
- Labour Day: First Monday in September;
- Thanksgiving Day: Second Monday in October;

Prorogation des délais prévus par les Lois sur les brevets, les marques de commerce, et les dessins industriels

Pour l'application du paragraphe 78(1) de la Loi sur les brevets, du paragraphe 66(1) de la Loi sur les marques de commerce, et du paragraphe 21(1) de la Loi sur les dessins industriels, tout délai fixé sous le régime de ces lois et qui expire 1) un **jour prescrit ou règlementaire** tel qu'indiqué dans la liste ci-dessous, ou 2) un **jour désigné** en raison de circonstances imprévues, sera prorogé jusqu'au jour suivant qui n'est ni un jour prescrit ni un jour désigné et où l'OPIC est ouvert au public.

Les **jours désignés** sont les jours désignés par le commissaire, le registraire, ou le ministre, où, en raison de circonstances imprévues, s'il est dans l'intérêt public de le faire. Si un jour est désigné, le public en sera informé sur le site web de l'OPIC.

Les **jours prescrits ou règlementaires** en vertu de la Loi sur les brevets, de la Loi sur les marques de commerce et de la Loi sur les dessins industriels sont les suivants :

- Tous les samedis et dimanches;
- Nouvel An (1er janvier)*;
- Vendredi Saint;
- Lundi de Pâques;
- Fête de la Reine ou Journée nationale des patriotes : Premier lundi immédiatement avant le 25 mai;
- Saint-Jean-Baptiste (24 juin)*;
- Fête du Canada (1er juillet)*;
- Le premier lundi du mois d'août***;
- Fête du travail : Premier lundi du mois de septembre;

- Remembrance Day (November 11)*;
- Christmas Day (December 25)**;
- Boxing Day (December 26)** ;
- Any day on which CIPO is closed to the public for all or part of that day during ordinary business hours.

*In the case of New Year's Day, St. Jean Baptiste Day, Canada Day and Remembrance Day, if the day falls on a Saturday or Sunday, deadlines will be extended to the following Tuesday.

**If December 25 falls on a Friday, deadlines will be extended to the following Tuesday. If December 25 falls on a Saturday or Sunday, any time periods ending on December 25 or December 26 will be extended to the following Wednesday.

***Please note that the Office is open to the public on the first Monday in August. Any time period which expires on that day will be extended to the next day the Office is open to the public (first Tuesday in August). However, any correspondence or fees submitted to the Office on that day will be deemed or considered received on that day.

Extensions for prescribed days occur regardless of place of residence or of the establishment to which documents are delivered.

Please be aware that not all provincial and territorial holidays are days where deadlines are extended. It is recommended that clients be mindful and ensure that all deadlines are respected.

- Action de Grâce : Deuxième lundi du mois d'octobre;
- Jour du Souvenir (11 novembre)*;
- Jour de Noël (25 décembre)**;
- Lendemain de Noël** ;
- Tout jour où l'OPIC est fermé au public pendant tout ou une partie des heures normales d'ouverture de l'OPIC au public.

*Si le Nouvel An, la Saint-Jean-Baptiste, la Fête du Canada, ou le Jour du Souvenir est un samedi ou un dimanche, les délais seront prorogés au mardi suivant.

**Si le 25 décembre est un vendredi, les délais seront prorogés au mardi suivant. Si le 25 décembre est un samedi ou un dimanche, les délais seront prorogés au mercredi suivant.

***Veuillez noter que les Bureaux sont ouverts au public le premier lundi du mois d'août. Tout délai qui expire ce jour-là sera prorogé au prochain jour ouvrable (premier mardi du mois d'août). Cependant, toute correspondance, droits ou taxes fournis au Bureau ce jour-là seront réputés ou considéré avoir été reçus à cette date.

La prorogation de délai concernant les jours prescrits ou règlementaires s'appliquent nonobstant du lieu de résidence ou du lieu de l'établissement auquel les documents ont été remis.

Veuillez noter que ce ne sont pas tous les jours fériés provinciaux ou territoriaux qui sont des jours prescrits ou règlementaires pour lesquels un délai peut être prorogé. Il est recommandé que les clients soient attentifs et s'assurent que tout délai soit respecté.

Time period extensions under the Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to CIPO or a designated establishment (including the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly,

Prorogation des délais prévus par les Lois sur le droit d'auteur et sur les topographies de circuits

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à l'OPIC ou à un établissement désigné (y compris un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé℠, ou par Xpresspost℠ de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi relativement aux établissements auxquels des documents sont

where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Time period extensions under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

Time period extensions under the Madrid Protocol and the Hague Agreement

If a period within which a communication must be received by the International Bureau of the World Intellectual Property Office would expire on a day on which the International

livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Prolongations de délais prévus au Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

Prorogation des délais en vertu du Protocole de Madrid et de l'Arrangement de La Haye

Si un délai à l'intérieur duquel une communication doit être reçue par le Bureau international de l'Organisation mondiale de propriété intellectuelle expire un jour où le Bureau international n'est pas ouvert au public, le délai expirera lors du

Bureau is not open to the public, it will expire on the next subsequent day on which the International Bureau is open. Likewise, if the period within which a communication (such as a notification of refusal of protection) must be sent by CIPO to the International Bureau would expire on a day on which CIPO is not open to the public, it will expire on the next subsequent day on which CIPO is open.

A list of the days on which the International Bureau is closed to the public during the current and the following calendar year is available on the WIPO website.

6. Procedures in Case of an Unexpected Office Closure at CIPO

In case of unforeseen circumstances, CIPO will attempt to remain open to the public and ensure that essential service to our clients continues with the least possible disruption or delay.

In accordance with paragraph 27.01(n) of the Patent Rules, paragraph 15(n) of the Trademarks Regulations and paragraph 36(n) of the Industrial Design Regulations, whenever CIPO is closed to the public, for all or part of a day during ordinary business hours, including closures due to extraordinary circumstances, time periods will be extended to the next day that is not a prescribed or a designated day and where CIPO is open to the public.

For Copyright and Integrated Circuit Topography, if CIPO is closed to the public due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open to the public. In such situations, mail delivered to CIPO or to designated establishments will be considered to be received on the date that CIPO re-opens to the public, with the exception of correspondence addressed to the Registrar of Topographies.

In view of the date-sensitive nature of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information with respect to service interruptions on our website as it becomes available and as circumstances permit.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or to use electronic means using the relevant links set out in section 2.2 of these correspondence procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476). Date-sensitive material requiring fee

premier jour suivant où le Bureau international est ouvert au public. Similairement, si un délai à l'intérieur duquel une communication (tel qu'une notification de refus de la protection) doit être envoyée par l'OPIC au Bureau international expire un jour où les bureaux de l'OPIC sont fermés au public, ce délai expirera lors du premier jour suivant la réouverture de l'OPIC.

Une liste des jours pendant lesquels le Bureau international est fermé au public pendant l'année civile en cours et à venir est disponible sur le site web de l'OMPI.

6. Procédures en cas de fermeture des bureaux

Lors de circonstances imprévues, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Conformément à l'alinéa 27.01n) des Règles sur les Brevets, l'alinéa 15n) du Règlement sur les marques de commerce et de l'alinéa 36n) du Règlement sur les dessins industriels, lorsque les bureaux de l'OPIC sont fermés au public pendant toute ou une partie des heures normales d'ouverture, y compris une fermeture en raison de circonstances extraordinaires, les délais seront prorogés au jour suivant qui ne sera pas un jour prescrit ou un jour désigné et où l'OPIC est ouvert au public .

Pour les droits d'auteur et les topographies de circuits intégrés, si les bureaux de l'OPIC sont fermés au public en raison de circonstances extraordinaires, l'OPIC considère que tous les délais sont prorogés au prochain jour d'ouverture au public. Dans de telles circonstances, le courrier livré à l'OPIC ou à des établissements désignés sera considéré avoir été reçu à la date du jour de la réouverture de l'OPIC au public, à l'exception de la correspondance adressée au registraire des topographies.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

En situation d'urgence, les systèmes d'information et de recherche resteront, dans la mesure du possible, accessibles à partir de notre site Web. Toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En situation d'urgence, l'OPIC va publier les renseignements nécessaires sur notre page d'interruptions des services, lorsque ceux-ci seront disponibles et les circonstances le permettront.

Les clients sont **fortement encouragés** de faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé[MC], par Xpresspost[MC] ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 des présentes procédures de correspondance. Il est toujours

payment that is sent by fax must be accompanied by a VISA™, MasterCard™, or American Express™ credit card number, or CIPO deposit account number.

Please note that there may also be instances in which the designated offices may be temporarily closed, yet CIPO remains open to the public. In such situations, it remains **the responsibility of CIPO's clients** to ensure that all deadlines are respected.

possible de transmettre par télécopieur des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des droits ou taxes sont exigés, qui sont envoyés par télécopieur, doivent être accompagnés d'un numéro de carte VISA[MC], Mastercard[MC] ou American Express[MC] ou d'un numéro de compte de dépôt à l'OPIC.

Veuillez noter qu'il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, **les clients de l'OPIC demeurent responsables** du respect de tous les échéanciers.

7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open to the public but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trademarks Act and Regulations allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. In order for a retroactive extension of time to be granted, the Registrar of Trademarks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee is required in certain cases.

7. Procédures à suivre lorsque l'Office est ouvert au public, mais les clients sont incapables de communiquer avec l'Office

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif en rapport aux types de propriété intellectuelle mentionnés ci-haut ne donne pas à l'OPIC la flexibilité de proroger les délais lorsque l'Office est ouvert au public, mais les clients sont dans l'impossibilité de communiquer avec le l'Office.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prolongation rétroactive lorsqu'un délai n'a pas été respecté en raison d'un cas de force majeure. Pour qu'une prolongation de délai rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit est exigé dans certains cas.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets

- Patent Rules
- Regulations under the PCT
- Trademarks Act
- Trademarks Regulations

- Règlement d'exécution du PCT
- Loi sur les marques de commerce
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of November 12, 2019 contains applications open to public inspection from October 27, 2019 to November 2, 2019.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 12 novembre 2019 contient les demandes disponibles au public pour consultation pour la période du 27 octobre 2019 au 2 novembre 2019.

Canadian Patents Issued

November 12, 2019

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[54] **COUVERTURE DE FONDS COMMUNS DE PLACEMENT OU D'AUTRES PRODUITS DE PANIER DE PORTEFEUILLE ECHANGES**
[72] GASTINEAU, GARY L., US
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[54] **A SYSTEM AND METHOD FOR PROVIDING AN IMPROVED TERRESTRIAL SUBSYSTEM FOR USE IN MOBILE SATELLITE SYSTEMS**
[54] **UN SYSTEME ET UNE METHODE DE FOURNITURE D'UN SOUS-SYSTEME TERRESTRE AMELIORE DESTINE AUX SYSTEMES SATELLITES MOBILES**
[72] MONTE, PAUL A., US
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[73] UNIVERSITY OF CONNECTICUT,
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[54] **SYSTEM AND METHOD FOR REAL TIME VIEWING OF CRITICAL PATIENT DATA ON MOBILE DEVICES**
[54] **SYSTEME ET PROCEDE DE VISUALISATION EN TEMPS REEL DE DONNEES DE PATIENT CRITIQUES SUR DES DISPOSITIFS MOBILES**
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[72] FUNG, ERIC THOMAS, US
[72] UELAND, FREDERICK RAND, US
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[54] **TRANSFECTION STABLE SANS SERUM ET PRODUCTION DE PROTEINES HUMAINES RECOMBINEES DANS DES LIGNEES CELLULAIRES HUMAINES**
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[54] **SIMULATEUR DE TERMINAL MOBILE POUR UN RESEAU DE TELECOMMUNICATIONS SANS FIL ET METHODE DE SIMULATION DU TERMINAL MOBILE**
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[54] **BIOMARKERS AND METHODS FOR MEASURING AND MONITORING INFLAMMATORY DISEASE ACTIVITY**
[54] **BIOMARQUEURS ET PROCEDES DE MESURE ET DE SURVEILLANCE DE L'ACTIVITE D'UNE MALADIE INFLAMMATOIRE**
[72] CAVET, GUY L., US
[72] SHEN, YIJING, US
[72] CENTOLA, MICHAEL, US
[72] KNOWLTON, NICHOLAS, US
[73] CRESCENDO BIOSCIENCE,
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[54] **GEOPOLYMER ADDITIVES AND METHODS OF USE FOR TREATMENT OF FLUID FINE TAILINGS**
[54] **ADDITIFS DE GEOPOLYMERE ET METHODES D'UTILISATION POUR LE TRAITEMENT DE RESIDUS FINS FLUIDES**
[72] KARIMI, GHOLAMHOSSEIN (SHAHRAD), CA
[72] MACDONALD, DARREN, CA
[73] CANADIAN NATURAL RESOURCES LIMITED,
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[87] (2783637)
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[54] **ELASTOMERIC PLOW EDGE**
[54] **BORD DE CHARRUE ELASTOMERE**
[72] WINTER, KENT, US
[72] PRUCEY, PHIL, US
[73] WINTER EQUIPMENT COMPANY,
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[87] (2784493)
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[54] **PANNEAU DE PLANCHER**
[72] HUANG, HUANWEN, CN
[73] HONG KONG MEI LI SHENG FLOORING CO., LIMITED,
[73] BEAULIEU INTERNATIONAL GROUP NV,
[85] 2012-06-19
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[54] **INHIBITION OF AXL SIGNALING IN ANTI-METASTATIC THERAPY**
[54] **INHIBITION DE LA SIGNALISATION AXL DANS UNE THERAPIE ANTIMETASTASIQUE**
[72] GIACCIA, AMATO J., US
[72] RANKIN, ERINN BRUNO, US
[72] COCHRAN, JENNIFER R., US
[72] JONES, DOUGLAS, US
[72] KARIOLIS, MIHALIS, US
[72] FUH, KATHERINE, US
[72] MIAO, YU, US
[73] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY,
[85] 2012-06-29
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[54] **APPARATUS, SYSTEM AND METHOD FOR CLEANING HEAT EXCHANGER TUBES**
[54] **APPAREIL, SYSTEME ET METHODE POUR NETTOYER LES TUBES D'UN ECHANGEUR DE CHALEUR**
[72] GROMES, TERRY D., SR., US
[73] TERYDON, INC.,
[86] (2786160)
[87] (2786160)
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[54] **DETERMINATION DE LA DOSE DU STIMULANT DE L'ERYTHROPOIESE (ESA)**
[72] HOCUM, CRAIG L., US
[72] MCCARTHY, JAMES T., US
[72] STEENSMA, DAVID P., US
[72] DINGLI, DAVID, US
[72] ROGERS, JAMES L., US
[72] GALLAHER, EDWARD G., US
[73] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH,
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[25] EN
[54] **POWER DISTRIBUTION NETWORK FAULT MANAGEMENT**
[54] **GESTION DE DEFAILLANCE DE RESEAU DE DISTRIBUTION**
[72] DU TOIT, WILLEM HENDRIK, CA
[72] FAN, JIYUAN, US
[72] POPESCU, BOGDAN CRISTIAN, CA
[73] GENERAL ELECTRIC COMPANY,
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[54] **TURBINE ROTOR BLADE ASSEMBLY AND METHOD OF ASSEMBLING SAME**
[54] **ENSEMBLE DE PALE DE ROTOR DE TURBINE ET SA METHODE D'ASSEMBLAGE**
[72] PAIGE, ANTHONY REID, II, US
[72] VERRILLI, MICHAEL JAMES, US
[72] JAMISON, JOSHUA BRIAN, US
[72] NOE, MARK EUGENE, US
[72] IZON, PAUL, US
[72] MARUSKO, MARK WILLARD, US
[73] GENERAL ELECTRIC COMPANY,
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[87] (2788235)
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[25] EN
[54] **LIGHT EMITTING DIODE (LED) LIGHT FIXTURE FOR A GREENHOUSE AND A GREENHOUSE INCORPORATING A LED LIGHT FIXTURE**
[54] **APPAREIL D'ECLAIRAGE A DIODE ELECTROLUMINESCENTE (DEL) POUR UNE SERRE ET SERRE INTEGRANT UN APPAREIL D'ECLAIRAGE A DEL**
[72] DUBUC, EDEN, CA
[73] GE LIGHTING SOLUTIONS, LLC,
[86] (2788251)
[87] (2788251)
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[30] US (13/227,584) 2011-09-08

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[54] **FABRICATION PROCESS FOR A STRUCTURE INCLUDING AN ENVELOPE AND STIFFENERS**
[54] **PROCEDE DE FABRICATION D'UNE STRUCTURE COMPRENANT UNE PEAU ET DES RAIDISSEURS**
[72] BLOT, PHILIPPE, FR
[73] AIRBUS OPERATIONS,
[86] (2788677)
[87] (2788677)
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[54] **FUNCTIONAL ENHANCEMENT OF MICROORGANISMS TO MINIMIZE PRODUCTION OF ACRYLAMIDE**
[54] **AMELIORATION FONCTIONNELLE DE MICRO-ORGANISMES POUR RENDRE MINIMALE LA PRODUCTION D'ACRYLAMIDE**
[72] CHHUN, ALINE, CA
[72] HUSNIK, JOHN IVAN, CA
[73] RENAISSANCE BIOSCIENCE CORP.,
[85] 2012-08-24
[86] 2011-03-01 (PCT/CA2011/000222)
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[54] **VALVE WEAR RING AND GATE VALVE WITH WEAR RING**
[54] **BAGUE D'USURE DE ROBINET ET ROBINET-VANNE AVEC BAGUE D'USURE**
[72] BLENKUSH, ROBERT A., US
[72] WATTERODT, SIDNEY, CA
[73] DEZURIK, INC.,
[86] (2791095)
[87] (2791095)
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[54] **PORTABLE PIPE HANDLING SYSTEM**
[54] **SYSTEME DE MANIPULATION DE TUYAU PORTABLE**
[72] RICHARDSON, ALLAN STEWART, US
[72] WRIGHT, MONTE NEIL, CA
[73] WARRIOR RIG TECHNOLOGIES LIMITED,
[86] (2792116)
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[25] EN
[54] **A NOVEL MUCOSAL VACCINATION APPROACH FOR HERPES SIMPLEX VIRUS TYPE-2**
[54] **NOUVEAU PROCEDE DE VACCINATION MUQUEUSE CONTRE LE VIRUS DE L'HERPES SIMPLEX DE TYPE 2**
[72] YANG, KEJIAN, US
[72] GUBERSKI, DENNIS L., US
[73] BIOMEDICAL RESEARCH MODELS, INC.,
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[54] **.BETA.-MANNOSYLCERAMIDE AND STIMULATION OF NKT CELL ANTI-TUMOR IMMUNITY**
[54] **?-MANNOSYLCERAMIDE ET STIMULATION DE L'IMMUNITE ANTICANCEREUSE DE CELLULES NKT**
[72] BERZOFSKY, JAY A., US
[72] O'KONEK, JESSICA, US
[72] TERABE, MASAKI, US
[72] ILLARIONOV, PETR A., GB
[72] BESRA, GURDYAL S., GB
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[25] FR
[54] **REFLECTOR ARRAY ANTENNA WITH CROSSED POLARIZATION COMPENSATION AND METHOD FOR PRODUCING SUCH AN ANTENNA**
[54] **ANTENNE RESEAU REFLECTEUR A COMPENSATION DE POLARISATION CROISEE ET PROCEDE DE REALISATION D'UNE TELLE ANTENNE**
[72] BRESCIANI, DANIELE, FR
[72] LEGAY, HERVE, FR
[72] CAILLE, GERARD, FR
[72] LABIOLE, ERIC, FR
[73] THALES,
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[54] **IDLER WHEEL ASSEMBLY**
[54] **ENSEMBLE DE ROUE**
[72] SANDOVAL, PETER JR., US
[72] WAGNER, ANDREW, US
[73] JOY GLOBAL SURFACE MINING INC,
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[54] **ADJUSTING DRUG LOADING IN POLYMERIC MATERIALS**
[54] **AJUSTEMENT DE LA CHARGE MEDICAMENTEUSE DANS DES MATERIAUX POLYMERES**
[72] MAREK, PATRICK M., US
[72] AMERY, DREW, US
[72] BERTRAND, WILLIAM J., US
[73] MEDTRONIC XOMED, INC.,
[85] 2012-09-21
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[54] **COOLING SYSTEM FOR GAS TURBINE LOAD COUPLING**
[54] **SYSTEME DE REFROIDISSEMENT POUR COUPLAGE DE CHARGE DE TURBINE A GAZ**
[72] VITI, FILIPPO, IT
[72] MARCUCCI, DANIELE, IT
[72] MERLO, ROBERTO, IT
[72] LAZZERI, MARCO, IT
[73] NUOVO PIGNONE S.P.A.,
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[54] **LEVELING SYSTEM**
[54] **SYSTEME DE NIVELLEMENT**
[72] WARR, OWEN J., US
[73] JOY GLOBAL SURFACE MINING INC,
[86] (2797322)
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[54] **UTILISATION DE LA FORCE D'UN SIGNAL SANS FIL POUR DETERMINER LA CONNEXION**
[72] NELSON, DWAYNE R., US
[72] LEMAY, STEVEN G., US
[73] IGT,
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[54] **ARC DEPOSITION SOURCE HAVING A DEFINED ELECTRIC FIELD**
[54] **SOURCE D'EVAPORATION PAR ARC PRESENTANT UN CHAMP ELECTRIQUE DEFINI**
[72] KRASSNITZER, SIEGFRIED, AT
[72] HAGMANN, JUERG, CH
[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON,
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[54] **FAN AND BOOST JOINT**
[54] **JOINT DE SOUFFLANTE ET DE SURALIMENTATION**
[72] IVAKITCH, RICHARD, CA
[72] ELEFTHERIOU, ANDREAS, CA
[72] BONNIERE, PHILIPPE, CA
[73] PRATT & WHITNEY CANADA CORP.,
[86] (2803706)
[87] (2803706)
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[54] **SAFETY DEVICE**
[54] **DISPOSITIF DE SECURITE**
[72] HALLUNDBAEK, JORGEN, DK
[73] WELLTEC A/S,
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[25] EN
[54] **ONBOARD OIL CONTAINMENT SYSTEM**
[54] **SYSTEME EMBARQUE DE CONFINEMENT DE PETROLE**
[72] BOLDOR, DORIN, US
[72] ORTEGO, JEFFREY D., US
[72] MILLER, MICHAEL T. D., US
[73] MILLER, MICHAEL T. D.,
[85] 2012-12-21
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[13] C
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[25] EN
[54] **REAL-TIME MOVING PLATFORM MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE PLATEFORME MOBILE EN TEMPS REEL**
[72] GIUFFRIDA, FRANK D., US
[72] WINKELBAUER, MARK A., US
[72] MONDELLO, CHARLES, US
[72] BRADACS, ROBERT, US
[72] WOODWARD, CRAIG D., US
[72] SCHULTZ, STEPHEN L., US
[72] LAWRENCE, SCOTT D., US
[72] KUSAK, MATTHEW, US
[72] WILLARD, KEVIN G., US
[73] PICTOMETRY INTERNATIONAL CORP.,
[85] 2013-01-07
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[30] US (12/831,971) 2010-07-07

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[25] EN
[54] **THERMOPLASTIC POLYOLEFIN MEMBRANE WITH ENHANCED THERMAL RESISTANCE**
[54] **MEMBRANE EN POLYOLEFINE THERMOPLASTIQUE AYANT UNE RESISTANCE THERMIQUE AMELIOREE**
[72] XING, LINLIN, US
[72] TAYLOR, THOMAS J., US
[73] BUILDING MATERIALS INVESTMENTS CORPORATION,
[85] 2013-01-21
[86] 2011-08-09 (PCT/US2011/047039)
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[30] US (61/372,066) 2010-08-09

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[25] EN
[54] **ADENOVIRAL ASSEMBLY METHOD**
[54] **PROCEDE D'ASSEMBLAGE D'ADENOVIRUS**
[72] O'SHEA, CLODAGH, US
[72] POWERS, COLIN, US
[73] SALK INSTITUTE FOR BIOLOGICAL STUDIES,
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[25] EN
[54] **CUSTOMIZED INTRAOCULAR LENS POWER CALCULATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CALCUL DE LA PUISSANCE D'UNE LENTILLE INTRAOCULAIRE PERSONNALISEE**
[72] CANOVAS VIDAL, CARMEN, NL
[72] ARTAL, PABLO, ES
[72] VAN DER MOOREN, MARRIE, NL
[72] PIERS, PATRICIA ANN, NL
[73] AMO GRONINGEN B.V.,
[85] 2013-02-19
[86] 2011-08-11 (PCT/US2011/047370)
[87] (WO2012/024152)
[30] US (61/375,657) 2010-08-20
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[51] **Int.Cl. B60P 7/04 (2006.01)**
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[54] **SYSTEM FOR COVERING A VEHICLE PLATFORM**
[54] **SYSTEME DE RECOUVREMENT D'UNE PLATEFORME DE VEHICULE**
[72] ROYER, REAL, CA
[73] FABRICATION ELCARGO INC.,
[86] (2808833)
[87] (2808833)
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[51] **Int.Cl. G01N 33/487 (2006.01) C12Q 1/00 (2006.01) G01N 27/30 (2006.01) G01N 33/32 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **ENZYMATIC REAGENT INKS FOR USE IN TEST STRIPS HAVING A PREDETERMINED CALIBRATION CODE**
[54] **ENCRES REACTIVES ENZYMATIQUES POUR L'UTILISATION DANS DES BANDELETTES D'ESSAI AYANT UN CODE DE CALIBRATION PREDETERMINE**
[72] YOUNG, GARY, GB
[72] O'CONNELL, MICHAEL, GB
[72] MCARTHUR, IAN, GB
[72] MCNEILAGE, ALAN, GB
[72] PHIPPEN, NICK, GB
[72] ALVAREZ-ICAZA, MANUEL, GB
[73] LIFESCAN SCOTLAND LIMITED,
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[54] **AGRAFEUSE CHIRURGICALE**
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[72] SCIRICA, PAUL, US
[72] RACENET, DAVID, US
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[54] **NOUVEAUX LIPIDES CATIONIQUES DE FAIBLE POIDS MOLECULAIRE POUR L'ADMINISTRATION D'OLIGONUCLEOTIDES**
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[72] BUDZIK, BRIAN W., US
[72] BEUTNER, GREGORY L., US
[72] LIAO, HONGBIAO, US
[73] SIRNA THERAPEUTICS, INC.,
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[72] BORGES, ERIC, DE
[72] ADAM, PAUL, DE
[72] HEIDER, KARL-HEINZ, DE
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[54] **ATTACHMENT BRACKET FOR USE WITH HEAVY MACHINERY AND BRACKET MEMBERS**
[54] **BRIDE DE FIXATION POUR MACHINERIE LOURDE ET ELEMENTS DE BRIDE**
[72] CLOUTIER, ALAIN, CA
[73] CLOUTIER, ALAIN,
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[54] **AIRBAG RESCUE SYSTEM**
[54] **SYSTEME DE SAUVETAGE A COUSSIN GONFLABLE**
[72] BLENKARN, MICHAEL DOUGLAS, CA
[72] FAYLE, THOMAS WALKER CLARKE, CA
[72] ROSE, GORDON THOMPSON, CA
[73] ARC'TERYX EQUIPMENT INC.,
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[54] **IRRIDIUM/INMARSAT AND GNSS ANTENNA SYSTEM**
[54] **IRRIDIUM/INMARSAT ET SYSTEME D'ANTENNE GNSS**
[72] HUYNH, SON HUY, US
[73] NOVATEL INC.,
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[72] ASHOK, PRAVEEN CHERIYAN, GB
[72] SINGH, GAJENDRA PRATAP, GB
[72] DHOLAKIA, KISHAN, GB
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[54] **DIGITAL MICROFLUIDIC DEVICES AND METHODS INCORPORATING A SOLID PHASE**
[54] **DISPOSITIFS MICROFLUIDIQUES NUMERIQUES ET PROCEDES D'INCORPORATION D'UNE PHASE SOLIDE**
[72] MUDRIK, JARED M., CA
[72] WHEELER, AARON R., CA
[72] YANG, HAO, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO,
[85] 2013-03-28
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[54] **INJECTABLE, PORE-FORMING HYDROGELS FOR MATERIALS-BASED CELL THERAPIES**
[54] **HYDROGELS INJECTABLE, GELIFIANTS POUR DES THERAPIES CELLULAIRES A BASE DE MATERIAUX**
[72] HUEBSCH, NATHANIEL D., US
[72] MADL, CHRISTOPHER M., US
[72] LEE, KANGWON, US
[72] XU, MARIA M., US
[72] MOONEY, DAVID J., US
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[54] **TREATMENT OF SIALIDASE 4 (NEU4) RELATED DISEASES BY INHIBITION OF NATURAL ANTISENSE TRANSCRIPT TO NEU4**
[54] **TRAITEMENT DE MALADIES LIEES A LA SIALIDASE 4 (NEU4) PAR INHIBITION DU TRANSCRIT ANTI-SENS ENDOGENE DE NEU4**
[72] COLLARD, JOSEPH, US
[72] KHORKOVA SHERMAN, OLGA, US
[73] CURNA, INC.,
[85] 2013-04-05
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[54] **ANTENNES A DIFFUSION A LA SURFACE A CHAMPS DE RAYONNEMENT AJUSTABLES**
[72] KUNDTZ, NATHAN, US
[72] SULLIVAN, PHILIP A., US
[72] HANNIGAN, RUSSELL J., US
[72] HUNT, JOHN, US
[72] BOARDMAN, ANNA K., US
[72] BILY, ADAM, US
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[54] **MONENSIN DERIVATIVES FOR THE TREATMENT AND PREVENTION OF PROTOZOAL INFECTIONS.**
[54] **DERIVES DE MONENSINE DESTINES AU TRAITEMENT ET A LA PREVENTION D'INFECTIONS A PROTOZOAIRES.**
[72] DELAVEAU, JEAN, FR
[72] VIALLE, EMILIE, FR
[72] LEMAIRE, MARC, FR
[72] PELLET-ROSTAING, STEPHANE, FR
[72] ANDRIOLETTI, BRUNO, FR
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[54] **APPAREIL D'ALIMENTATION ENTERALE**
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[54] **EMULSIONS H/E COMPRENANT DES ALCANES SEMIFLUORES**
[72] THEISINGER, BASTIAN, DE
[72] THEISINGER, SONJA, DE
[72] GUNTHER, BERNHARD, DE
[73] NOVALIQ GMBH,
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[54] **METHOD OF REDUCING THE FORMALDEHYDE EMISSION OF A MINERAL FIBRE PRODUCT, AND MINERAL FIBRE PRODUCT WITH REDUCED FORMALDEHYDE EMISSION**
[54] **PROCEDE DE REDUCTION DES EMISSIONS DE FORMALDEHYDE D'UN PRODUIT CONSTITUE DE FIBRES MINERALES, ET PRODUIT CONSTITUE DE FIBRES MINERALES A EMISSIONS DE FORMALDEHYDE REDUITES**
[72] HANSEN, ERLING LENNART, DK
[72] NAERUM, LARS, DK
[72] NISSEN, POVL, DK
[73] ROCKWOOL INTERNATIONAL A/S,
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[54] **APPARATUS AND METHOD FOR CONTROLLING MOISTURE IN THE MANUFACTURE OF GLASS FIBER INSULATION**
[54] **APPAREIL ET PROCEDE PERMETTANT DE REGULER L'HUMIDITE LORS DE LA FABRICATION D'UN ISOLANT EN FIBRE DE VERRE**
[72] JOHNSON, TIMOTHY J., US
[72] MIRTH, DAVID R., US
[72] PELLEGRIN, MICHAEL TIMOTHY, US
[72] BURN, TERRY, US
[72] INGLIS, FRANK BRUCE, CA
[73] OWENS CORNING INTELLECTUAL CAPITAL, LLC,
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[54] **RECIRCULATING, CONSTANT BACKPRESSURE CORE FLOODING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'INONDATION DE CAROTTES A CONTRE-PRESSION DE RECIRCULATION CONSTANTE**
[72] PIRI, MOHAMMAD, US
[73] UNIVERSITY OF WYOMING,
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[54] **UTILISATION D'ESTERS DE GLYCOSAMINOGLYCANE LIPOATE DANS LE DOMAINE DE LA TRICOLOGIE**
[72] BOSCO, MARCO, IT
[72] STUCCHI, LUCA, IT
[72] FABBIAN, MATTEO, IT
[72] PICOTTI, FABRIZIO, IT
[73] SIGEA S.R.L.,
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[54] **COMPOSITION AND METHOD FOR REDUCING HYDRATE AGGLOMERATION**
[54] **COMPOSITION ET PROCEDE POUR LA REDUCTION DE L'AGGLOMERATION D'HYDRATE**
[72] WEBBER, PETER A., US
[73] NALCO COMPANY,
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[54] **AUTHENTICATION OF SERVICE REQUESTS INITIATED FROM A SOCIAL NETWORKING SITE**
[54] **AUTHENTIFICATION DE DEMANDES DE SERVICE AMORCEES A PARTIR D'UN SITE DE RESEAU SOCIAL**
[72] BARAK, MATAN, IL
[73] LIVEPERSON, INC.,
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[54] **ARTICLES OF APPAREL INCLUDING AUXETIC MATERIALS**
[54] **ARTICLES VESTIMENTAIRES INTEGRANT DES MATERIAUX AUXETIQUES**
[72] TORONJO, ALAN, US
[73] UNDER ARMOUR, INC.,
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[25] EN
[54] **ADHESION PROMOTER RESIN COMPOSITIONS AND COATING COMPOSITIONS HAVING THE ADHESION PROMOTER RESIN COMPOSITIONS**
[54] **COMPOSITIONS DE RESINE ACTIVATRICE D'ADHESION ET COMPOSITIONS DE REVETEMENT COMPRENANT LES COMPOSITIONS DE RESINE ACTIVATRICE D'ADHESION**
[72] POMPIGNANO, GARY, US
[72] DYER, DAVID JOHN, GB
[72] HIGGS, STUART, GB
[73] AKZO NOBEL COATINGS INTERNATIONAL B.V.,
[85] 2013-06-21
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[54] **OLEFIN OLIGOMERIZATION CATALYSTS AND METHODS OF MAKING AND USING SAME**
[54] **CATALYSEURS DE L'OLIGOMERISATION D'OLEFINES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] SYDORA, ORSON L., US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP,
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[54] **DISPOSITIF DE LOCALISATION D'OBJET POUVANT ETRE PORTE ET SYSTEME D'IMAGERIE**
[72] JASIOBEDZKI, PIOTR, CA
[72] DICKINSON, CAMERON SCOTT, CA
[72] NG, HO-KONG, CA
[72] BONDY, MICHEL, CA
[73] MACDONALD, DETTWILER AND ASSOCIATES INC.,
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[54] **AQUEOUS LIQUID BROMFENAC COMPOSITION HAVING PRESERVATIVE EFFICACY**
[54] **COMPOSITION LIQUIDE AQUEUSE DE BROMFENAC QUI EST EFFICACE COMME CONSERVATEUR**
[72] NISHIHATA, SHUICHI, JP
[72] ASAYAMA, WAKIKO, JP
[72] IEMOTO, SUZUKA, JP
[73] SENJU PHARMACEUTICAL CO., LTD.,
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[54] **ELECTRODE FOR OXYGEN EVOLUTION IN INDUSTRIAL ELECTROCHEMICAL PROCESSES**
[54] **ELECTRODE POUR DEGAGEMENT D'OXYGENE DANS DES PROCEDES ELECTROCHIMIQUES INDUSTRIELS**
[72] CALDERARA, ALICE, IT
[72] SALA, FABIO, IT
[72] TIMPANO, FABIO, IT
[73] INDUSTRIE DE NORA S.P.A.,
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[54] **SYSTEMES ET PROCEDE DE COMMUTATION POUR ALIMENTATION ELECTRIQUE NON INTERRUPTIBLE**
[72] RICHARDSON, JAMES PATRICK, US
[72] LE, THANH QUOC, US
[73] ALPHA TECHNOLOGIES SERVICES, INC.,
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[54] **POLYURETHANE PRESENTANT DES PROPRIETES D'ISOLATION AMELIOREES**
[72] GRIESER-SCHMITZ, CHRISTOF, DE
[72] ELLERSIEK, CARSTEN, DE
[73] BASF SE,
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[54] **OS A MACHER POUR ANIMAUX COMPRENANT DES COMPOSANTS INTERCHANGEABLES**
[72] AXELROD, GLEN S., US
[72] GAJRIA, AJAY, IN
[73] T.F.H. PUBLICATIONS, INC.,
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[54] **POLYPEPTIDES FC MODIFIES D'IMMUNOGLOBULINE**
[72] GEORGIOU, GEORGE, US
[72] JUNG, SANG TAEK, US
[72] KELTON, WILLIAM, NZ
[72] KANG, TAE HYUN, US
[73] RESEARCH DEVELOPMENT FOUNDATION,
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[54] **VERROU SANS FIL COMPORTANT UN VERROUILLAGE**
[72] BONAHOOM, BRYAN JOSEPH, US
[73] DORMAKABA USA INC.,
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[54] **METHOD OF PRODUCING RETINAL PIGMENT EPITHELIAL CELL SHEET**
[54] **PROCEDE DE PRODUCTION D'UNE COUCHE DE CELLULES EPITHELIALES DU PIGMENT RETINIEN**
[72] TAKAHASHI, MASAYO, JP
[72] OKAMOTO, SATOSHI, JP
[72] KAMAO, HIROYUKI, JP
[73] RIKEN,
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[54] **COMMUNICATIONS PAR RESEAU AD HOC**
[72] BOYSEN, ANDRE MICHEL, CA
[72] ENGEL, PATRICK HANS, CA
[72] RONDA, TROY JACOB, CA
[72] ROBERGE, PIERRE ANTOINE, CA
[72] WOLFOND, GREGORY HOWARD, CA
[73] SECUREKEY TECHNOLOGIES INC.,
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[54] **PUCE DE CAPTEUR MAGNETIQUE ET CAPTEUR MAGNETIQUE**
[72] QU, BINGJUN, CN
[72] XIONG, WEI, CN
[73] QU, BINGJUN,
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[54] **AGENT THERAPIQUE DESTINE A L'EMPHYSEME ET A LA BPCO**
[72] SPIRA, AVRUM, US
[72] LENBURG, MARC, US
[72] CAMPBELL, JOSHUA, US
[72] PETCHKOVSKI, DIMITRI, CA
[72] KNIGHT, DARRYL ANDREW, CA
[72] HOGG, JAMES CAMERON, CA
[72] ZESKIND GIL, JULIE ERIN, US
[73] THE UNIVERSITY OF BRITISH COLUMBIA,
[73] TRUSTEES OF BOSTON UNIVERSITY,
[85] 2013-09-12
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[54] **TELOMERE LENGTH MEASUREMENT IN FORMALIN-FIXED, PARAFFIN EMBEDDED (FFPE) SAMPLES BY QUANTITATIVE PCR**
[54] **MESURE DE LA LONGUEUR DE TELOMERE DANS DES ECHANTILLONS FIXES A LA FORMALINE INCLUS DANS LA PARAFFINE (FFIP) PAR PCR QUANTITATIVE**
[72] WANG, HUI, US
[72] GO, NING F., US
[72] PIROT, ZHU ZHEN, US
[73] GERON CORPORATION,
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[54] **MUTANT HSP110 NEGATIF DOMINANT ET SON UTILISATION POUR PRONOSTIQUER ET TRAITER LES CANCERS**
[72] GARRIDO, CARMEN, FR
[72] DUVAL, ALEX, FR
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM),
[73] UNIVERSITE DE BOURGOGNE,
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[54] **TREATMENT OF DERMATOLOGICAL PATHOLOGIES**
[54] **TRAITEMENT DE PATHOLOGIES DERMATOLOGIQUES**
[72] SIMARD, JOHN, US
[73] XBIOTECH, INC.,
[85] 2013-09-23
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[54] **PYRAZOLO [4,3-D] PYRIMIDINES USEFUL AS KINASE INHIBITORS**
[54] **PYRAZOLO[4,3-D]PYRIMIDINES UTILES EN TANT QU'INHIBITEURS DE KINASES**
[72] ALMSTETTER, MICHAEL, DE
[72] THORMANN, MICHAEL, DE
[72] TREML, ANDREAS, DE
[72] TRAUBE, NADINE, DE
[73] ORIGENIS GMBH,
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[54] **METHOD AND COMPOSITIONS FOR ENHANCED OIL RECOVERY**
[54] **PROCEDE ET COMPOSITIONS POUR LA RECUPERATION ASSISTEE DU PETROLE**
[72] LUMSDEN, CHARLES A., US
[73] MONTGOMERY CHEMICALS LLC,
[85] 2013-10-03
[86] 2012-03-22 (PCT/US2012/030199)
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[25] EN
[54] **HOT STAMPING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ESTAMPAGE A CHAUD**
[72] POTOCKI, RICHARD JOHN, US
[72] WISEMAN, TAD STEWART, US
[73] MAGNA INTERNATIONAL INC.,
[86] (2832257)
[87] (2832257)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR ORAL ADMINISTRATION COMPRISING A TOMATO OLEORESIN**
[54] **COMPOSITIONS PHARMACEUTIQUES DESTINEES A UNE ADMINISTRATION ORALE RENFERMANT UNE OLEORESINE DE TOMATE**
[72] ZELKHA, MORRIS, IL
[72] BLATT, YOAV, IL
[72] LEVY, YOSSI, IL
[72] SHARONI, YOAV, IL
[73] LYCORED LTD.,
[85] 2013-10-03
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[51] **Int.Cl. E06B 9/262 (2006.01) E06B 9/32 (2006.01) E06B 9/322 (2006.01)**
[25] EN
[54] **COVERING FOR ARCHITECTURAL OPENING INCLUDING THERMOFORMABLE SLAT VANES**
[54] **GARNITURE POUR OUVERTURE ARCHITECTURALE COMPRENANT DES LAMES OU LAMELLES THERMOFORMABLES**
[72] COLSON, WENDELL B., US
[72] SWISZCZ, PAUL G., US
[73] HUNTER DOUGLAS INC.,
[85] 2013-10-09
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[54] **MOLD PUMP ASSEMBLY**
[54] **ENSEMBLE POMPE DE MOULE**
[72] TIPTON, JON, US
[73] PYROTEK, INC.,
[85] 2013-10-16
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[25] EN
[54] **SOLVENT SCAVENGER FOR A DESOLVENTIZER TOASTER USING A VAPOR RECOVERY SYSTEM**
[54] **EVACUATEUR DE SOLVANT AVEC SYSTEME D'EXTRACTION DE LA VAPEUR POUR DESOLVANTISEUR-TOASTEUR**
[72] ANDERSON, GEORGE E., US
[72] FLOAN, BENJAMIN W., US
[73] CROWN IRON WORKS COMPANY,
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[54] **TISSUE THICKNESS COMPENSATOR COMPRISING DETACHABLE PORTIONS**
[54] **COMPENSATEUR D'EPAISSEUR DE TISSU PRESENTANT DES PARTIES DETACHABLES**
[72] SHELTON, FREDERICK E., IV, US
[72] BAXTER, CHESTER O., III, US
[72] ARONHALT, TAYLOR W., US
[72] SCHEIB, CHARLES J., US
[72] OMAITS, TODD P., US
[73] ETHICON ENDO-SURGERY, INC.,
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[54] **GARDEN SHEARS**
[54] **CISEAUX DE JARDINAGE**
[72] KUBIK, INGO, DE
[72] LISSMANN, MARKUS, DE
[73] MTD PRODUCTS INC.,
[86] (2834573)
[87] (2834573)
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[54] **MANAGING NETWORK INTERACTION FOR DEVICES**
[54] **GESTION D'INTERACTION DE RESEAU POUR DES DISPOSITIFS**
[72] LEVY-YURISTA, GUY, US
[72] MADEY, DANIEL A., US
[72] POLLUTRO, DENNIS V., US
[73] SYSOREX USA,
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[25] EN
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[54] **ANODE POUR DEGAGEMENT D'OXYGENE**
[72] TIMPANO, FABIO, IT
[72] CALDERARA, ALICE, IT
[73] INDUSTRIE DE NORA S.P.A.,
[85] 2013-11-05
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[54] **NOUVELLE SOUCHE DE MICROALGUE PRODUCTRICE DE SQUALENE**
[72] PORA, BERNARD, CN
[72] ZHOU, JIE, CN
[72] DEFRETIN, SOPHIE, FR
[72] VANDEWALLE, XAVIER, FR
[73] ROQUETTE FRERES,
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[25] EN
[54] **PROCESS FOR THICKENING A DRILLING MUD WASTE MATERIALS AND A MODIFIED DRILLING MUD WASTE MATERIAL**
[54] **PROCEDE D'EPAISSISSEMENT DE DECHETS DE BOUE DE FORAGE ET DECHETS DE BOUE DE FORAGE MODIFIES**
[72] IMAN, CRAIG D., US
[72] GEORGE, JAMES T., US
[72] HERCEG, JAMES S., US
[72] VAUGHAN, CRAIG W., US
[72] GROFF, TODD W., US
[73] HENWIL CORPORATION,
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[54] **A CLOSURE**
[54] **FERMETURE**
[72] ZIEGENHORN, DAVID, US
[72] HINKLE, JAY, US
[72] SHOWERS, GREG, US
[72] AZELTON, KERRY D., US
[72] ALVAREZ, STACIE M., US
[73] THE CLOROX COMPANY,
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[54] **BELT HAVING A RELEASABLE END CONNECTION**
[54] **COURROIE A RACCORD D'EXTREMITE AMOVIBLE**
[72] RICHTER, THOMAS, DE
[72] LANG, HEIKO, DE
[73] HABASIT AG,
[85] 2013-11-15
[86] 2012-05-15 (PCT/CH2012/000105)
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[51] **Int.Cl. H02P 27/06 (2006.01) A01G 23/00 (2006.01) B60L 15/20 (2006.01) H02K 7/116 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING TORQUE IN AN ELECTRIC DRIVE POWERTRAIN**
[54] **PROCEDE ET SYSTEME POUR COMMANDER LE COUPLE DANS UN GROUPE MOTOPROPULSEUR A ENTRAINEMENT ELECTRIQUE**
[72] FLEEGE, TRENT A., US
[72] WORLEY, STACY K., US
[72] VILAR, ERIC, US
[73] DEERE & COMPANY,
[86] (2836358)
[87] (2836358)
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[54] **SURFACE CONDITIONING NANOLUBRICANT**
[54] **NANOLUBRIFIANT DE CONDITIONNEMENT DE SURFACE**
[72] MOSLEH, MOHSEN, US
[73] HOWARD UNIVERSITY,
[85] 2013-11-22
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[25] EN
[54] **PREPARATION OF SITAGLIPTIN INTERMEDIATES**
[54] **PREPARATION D'INTERMEDIAIRES DE SITAGLIPTINE**
[72] CASAR, ZDENKO, SI
[72] STAVBER, GAJ, SI
[73] LEK PHARMACEUTICALS D.D.,
[85] 2013-11-25
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[54] **PROCESS FOR THE PRODUCTION OF PAPER AND BOARD**
[54] **PROCESSUS POUR LA PRODUCTION DE PAPIER ET DE CARTON**
[72] SIMONSON, PATRIK, SE
[73] AKZO NOBEL CHEMICALS INTERNATIONAL B.V.,
[85] 2013-11-28
[86] 2012-06-05 (PCT/EP2012/060541)
[87] (WO2012/168204)
[30] EP (11169107.7) 2011-06-08
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[54] **EMBOLIC IMPLANT AND METHOD OF USE**
[54] **IMPLANT EMBOLIQUE ET SON PROCEDE D'UTILISATION**
[72] STRAUSS, BRIAN M., US
[72] VALKO, JEFFREY J., US
[72] LENKER, JAY A., US
[72] PECOR, ROBERT A., US
[72] BARKER, PETER, US
[72] CASTANEDA, MARICRUZ, US
[73] COVIDIEN LP,
[85] 2013-11-29
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[54] **LIGHTING UNIT AND METHOD OF CONTROLLING**
[54] **UNITE D'ECLAIRAGE ET PROCEDE DE COMMANDE**
[72] LAWYER, JUSTIN, US
[72] CLASEN, PATRICK, US
[72] MARKS, TIMOTHY, US
[72] LINDENMOYER, MARK, US
[73] ECOTECH MARINE, LLC,
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[30] US (61/499,763) 2011-06-22
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[25] EN
[54] **COMPOSITIONS CONTAINING BROCCOLI SEEDS EXTRACT FOR TREATING OR PREVENTING PROSTATE CANCER**
[54] **COMPOSITIONS POUR LE TRAITEMENT OU LA PREVENTION DU CANCER DE LA PROSTATE A BASE D'EXTRAIT DE GRAINES DE BROCOLI**
[72] EFSTATHIOU, THEO, FR
[72] PLU, NICOLAS, FR
[73] SOJASUN TECHNOLOGIES,
[85] 2013-12-19
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[51] **Int.Cl. G01R 31/00 (2006.01) H04W 24/00 (2009.01) G01R 29/10 (2006.01) H01B 17/00 (2006.01)**
[25] EN
[54] **TESTING A COMMUNICATIONS APPARATUS**
[54] **ESSAI D'UN APPAREIL DE COMMUNICATION**
[72] MORRIS, IAN, GB
[73] ASTRIUM LIMITED,
[85] 2013-12-23
[86] 2012-06-25 (PCT/EP2012/062199)
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[30] EP (11275102.9) 2011-06-30

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[51] **Int.Cl. A61M 5/46 (2006.01)**
[25] EN
[54] **INJECTION DEVICE AND METHOD FOR MAKING THE SAME**
[54] **DISPOSITIF D'INJECTION ET PROCEDE DE FABRICATION DE CE DISPOSITIF**
[72] KEITEL, JOACHIM, DE
[73] HASELMEIER GMBH,
[85] 2014-01-08
[86] 2012-07-13 (PCT/EP2012/002964)
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[30] DE (10 2011 107 199.0) 2011-07-13

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[54] **CARBOXYLIC ACID DERIVATIVES HAVING AN OXAZOLO[5,4-D]PYRIMIDINE RING**
[54] **DERIVES D'ACIDE CARBOXYLIQUE CONTENANT UN CYCLE OXAZOLO-[5,4-D]-PYRIMIDINE**
[72] KADEREIT, DIETER, DE
[72] SCHAFER, MATTHIAS, DE
[72] HACHTEL, STEPHANIE, DE
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[54] **METHODS AND COMPOSITIONS FOR ALTERATION OF A CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR (CFTR) GENE**
[54] **METHODES ET COMPOSITIONS DE MODIFICATION D'UN GENE REGULATEUR DE LA CONDUCTANCE TRANSMEMBRANAIRE DE LA MUCOVISCIDOSE (CFTR)**
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[72] HOLMES, MICHAEL C., US
[72] TAM, PHILLIP, US
[72] PASCHON, DAVID, US
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[54] **PROCEDES ET COMPOSITIONS AMELIORES POUR LA MODULATION DE L'ANGIOGENESE MEDIEE PAR OLFML3**
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[54] **PROCEDE DE TRAITEMENT D'UN COURANT GAZEUX**
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[72] KEISER, BRUCE A., US
[72] MIMNA, RICHARD, US
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[73] PPG INDUSTRIES OHIO, INC.,
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[54] **EXTRAITS DE CYNARA SCOLYMUS DESTINES AU TRAITEMENT DE LA DYSLIPIDEMIE, L'HYPERGLYCEMIE, L'HYPERCHOLESTEROLEMIE, L'HYPERTENSION OU LA STEATOSE HEPATIQUE.**
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[54] **PROCEDE ET APPAREIL DE COMPRESSION SERVANT A INTRODUIRE LA COMPRESSION RESIDUELLE DANS UNE COMPOSANTE AYANT UNE SURFACE FORMEE REGULIERE OU IRREGULIERE**
[72] HAAS, JOHN E., US
[72] UNGER, LARRY J., US
[72] LASCELLES, RUSSELL A., US
[72] PREVEY, MICHAEL, US
[72] PREVEY III, PAUL S., US
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[72] SKIFF, DAVID, US
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[72] CAI, ALLEN, US
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[73] PALANTIR TECHNOLOGIES, INC.,
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[54] **LOW PROFILE SOLAR ROOF SHINGLE SYSTEM WITH INTEGRATED NANO-INVERTERS**
[54] **SYSTEME DE BARDEAUX DE TOIT SOLAIRE A PROFIL BAS A NANO-ONDULEURS INTEGRES**
[72] KIIK, MATTI, US
[72] BOSS, DANIEL E., US
[72] RODRIGUES, TOMMY F., US
[72] RAILKAR, SUDHIR, US
[73] BUILDING MATERIALS INVESTMENT CORPORATION,
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[54] **SOLAR PANELS WITH CONTACTLESS PANEL-TO-PANEL CONNECTIONS**
[54] **PANNEAUX SOLAIRES A CONNEXIONS PANNEAU A PANNEAU SANS CONTACT**
[72] RODRIGUES, TOMMY F., US
[72] RAILKAR, SUDHIR, US
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[72] CHICH, ADEM, US
[73] BUILDING MATERIALS INVESTMENT CORPORATION,
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[54] **SYSTEM AND METHOD FOR CONTROL OF LAYER FORMATION IN AN ALUMINIUM ELECTROLYSIS CELL**
[54] **SYSTEME ET PROCEDE DE CONTROLE DE LA FORMATION DE COUCHES DANS UNE CUVE D'ELECTROLYSE D'ALUMINIUM**
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[72] SEDLAK, VEROSLAV, NO
[73] GOODTECH RECOVERY TECHNOLOGY AS,
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[54] **DEFAUTS DANS LA PERIAXINE ASSOCIES A DES MYELINOPATHIES**
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[72] BOERKOEL, CORNELIUS F., US
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[54] **ENSEMBLE DE STERILISATION FLEXIBLE PLIANT AVEC COMPENSATEURS DE MASSE LATERAUX**
[72] GAYNOR, MELISSA R., US
[72] BRICKER, ERIC T., US
[72] FARMER, JEFFREY J., US
[72] PAMPERIN, MARK T., US
[72] SCHWARZ, CORINNA, US
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[54] **APPAREIL DE DEGIVRAGE ET PROCEDE DE DEGIVRAGE**
[72] LYNGOE, BJARNE, DK
[73] GEA FOOD SOLUTIONS BAKEL B.V.,
[85] 2014-03-04
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[54] **INVISIBILITE OU FAIBLE PERCEPTIBILITE D'UN ALIGNEMENT D'IMAGES DANS DES SYSTEMES DE PROJECTION DOUBLE**
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[72] TAN, WEINING, CA
[72] O'DOR, MATTHEW, CA
[73] IMAX CORPORATION,
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[72] MARTIN, MICHAEL M., US
[72] PAPAC, MICHAEL J., US
[72] SMITH, RONALD T., US
[72] YADLOWSKY, MICHAEL J., US
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[54] **SYSTEM AND METHOD FOR SHORT MESSAGE SERVICES TO INSTANT MESSAGING CONVERSION**
[54] **SYSTEME ET PROCEDE DE SERVICES DE MESSAGES COURTS POUR UNE CONVERSION DE MESSAGERIE INSTANTANEE**
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[72] CHANDRAMOULI, BOPSI, US
[72] WHITELEY, TODD J., US
[73] LEVEL 3 COMMUNICATIONS, LLC,
[73] VAIL SYSTEMS, INC.,
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[72] PARTYKA, JOHN G., US
[72] CAMPBELL, DONALD H., US
[73] BASF COATINGS GMBH,
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[54] **SYSTEME D'ARME A MOYENNAGE D'IMPULSIONS A FAIBLE RECUL**
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[72] ROSSIER, GLEN, US
[72] HAYES, LARRY, US
[72] PARKER, DOUGLAS, US
[73] GENERAL DYNAMICS-OTS, INC.,
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[54] **HANGING PRODUCT DIVIDER AND PUSHER SYSTEMS AND METHODS FOR DIVIDING, PUSHING AND/OR DISPENSING ONE OR MORE RETAIL PRODUCTS**
[54] **DISPOSITIF DE SEPARATION DE MARCHANDISES SUSPENDUES ET SYSTEME ET PROCEDE POUSSEUR POUR DIVISER, POUSSER OU DISPERSER UN OU PLUSIEURS PRODUITS DE DETAIL**
[72] VOLGER, MICHAEL, CA
[72] POLLOCK, JOEL, CA
[73] MARKETING IMPACT LIMITED,
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[54] **METHODE D'ANALYSE D'ECHANTILLONS DANS DES APPLICATIONS CIBLEES DE PROTEOMIQUE, PRODUIT LOGICIEL INFORMATIQUE ET JEU DE PEPTIDES DE REFERENCE**
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[72] OSSOLA, RETO, CH
[72] RINNER, OLIVER, CH
[72] REITER, LUKAS, CH
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[54] **CAPTEUR INFRAROUGE MULTISOURCES POUR MESURE DES GAZ**
[72] STARTA, CHRISTOPHER D., US
[72] UBER, ROBERT E., US
[72] TRAUTZSCH, THOMAS, US
[72] SCHULER, FREDERICK J., US
[73] MSA TECHNOLOGY, LLC,
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[72] FANSLOW, WILLIAM CHRISTIAN, III, US
[72] KING, CHADWICK TERENCE, CA
[73] AMGEN INC.,
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[54] **ARCHITECTURE D'ORDINATEUR MULTIPROCESSEUR COMPORTANT DES MODULES DE MEMOIRE COMMUNS MULTIPORTS REPARTIS**
[72] HUPPENTHAL, JON M., US
[72] TEWALT, TIMOTHY J., US
[72] BURTON, LEE A., US
[72] CALIGA, DAVID E., US
[73] SRC LABS, LLC,
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[54] **APPARATUS AND METHOD OF FLASH BUTT WELDING OF RAILWAY LINES**
[54] **APPAREIL ET PROCEDE DE SOUDAGE EN BOUT PAR ETINCELAGE DE LIGNES DE CHEMIN DE FER**
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[25] FR
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[54] **PROCEDE ET DISPOSITIF D'ANALYSE DE LA QUALITE DE L'ENERGIE ELECTRIQUE DANS UN RESEAU ELECTRIQUE TRIPHASE**
[72] LEPRETTRE, BENOIT, FR
[72] CRACIUN, OCTAVIAN, FR
[72] BACHA, SEDDIK, FR
[72] GRANJON, PIERRE, FR
[72] RADU, DANIEL, FR
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[54] **DIELECTRIC FLUID COMPOSITIONS FOR ENHANCED THERMAL MANAGEMENT**
[54] **COMPOSITIONS FLUIDES DIELECTRIQUES POUR UNE GESTION THERMIQUE AMELIOREE**
[72] HAN, SUH JOON, US
[72] ZINKWEG, DIRK B., IL
[72] LYSENKO, ZENON, US
[73] DOW GLOBAL TECHNOLOGIES LLC,
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[25] FR
[54] **METHOD FOR THE FUNGICIDAL AND/OR BACTERICIDAL TREATMENT OF RESISTANT STRAINS USING ONE OR MORE ESSENTIAL OILS**
[54] **PROCEDE DE TRAITEMENT FONGICIDE ET/OU BACTERICIDE DE SOUCHES RESISTANTES AU MOYEN D'HUILE(S) ESSENTIELLE(S)**
[72] SARDO, ALBERTO, FR
[73] XEDA INTERNATIONAL,
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[54] **METHODE DE FORMATION D'UNE TOILE DE MATERIAUX FIBREUX**
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[72] GAUL, DAVID J., US
[72] PELLEGRIN, MICHAEL T., US
[73] OWENS CORNING INTELLECTUAL CAPITAL, LLC,
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[54] **PROCESS FOR MIXING POLYVINYL CHLORIDE WITH A BIO-BASED PLASTICIZER**
[54] **PROCEDE DE MELANGE D'UN POLYCHLORURE DE VINYLE ET D'UN PLASTIFIANT DE TYPE BIO**
[72] MUNDRA, MANISH K., US
[72] DUNCHUS, NEIL W., US
[72] NEUBAUER, ANTHONY C., US
[72] LAUFER, CAROLINE H., US
[72] BISCOGLIO, MICHAEL B., US
[72] EATON, ROBERT F., US
[72] GHOSH-DASTIDAR, ABHIJIT, US
[73] DOW GLOBAL TECHNOLOGIES LLC,
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[54] **PLASTICIZER FOR COLOR RETENTION DURING HEAT AGING**
[54] **PLASTIFIANT CONSERVANT LES COULEURS LORS DU VIEILLISSEMENT THERMIQUE**
[72] MUNDRA, MANISH K., US
[72] EATON, ROBERT F., US
[72] GHOSH-DASTIDAR, ABHIJIT, US
[73] DOW GLOBAL TECHNOLOGIES LLC,
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[54] **NEW BICYCLIC DIHYDROISOQUINOLINE-1-ONE DERIVATIVES**
[54] **NOUVEAUX DERIVES BICYCLIQUES DE LA DIHYDROISOQUINOLINE-1-ONE**
[72] AEBI, JOHANNES, CH
[72] AMREIN, KURT, CH
[72] CHEN, WENMING, CN
[72] HORNSPERGER, BENOIT, FR
[72] KUHN, BERND, CH
[72] LIU, YONGFU, CN
[72] MAERKI, HANS P., CH
[72] MAYWEG, ALEXANDER V., CH
[72] MOHR, PETER, CH
[72] TAN, XUEFEI, CN
[72] WANG, ZHANGUO, CN
[72] ZHOU, MINGWEI, CN
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[54] **INTEGRAL SPLICE FOR INSULATED CONDUCTORS**
[54] **EPISSURE INTEGRALE POUR DES CONDUCTEURS ISOLES**
[72] HERRERA, GILBERT LUIS, US
[72] CRANEY, TREVOR ALEXANDER, US
[72] SHAFFER, ROBERT ANTHONY, US
[72] ARORA, DHRUV, US
[72] NOEL, JUSTIN MICHAEL, US
[73] SALAMANDER SOLUTIONS INC.,
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[54] **SYSTEMES, COMPOSANTS ET PROCEDES DE FILTRATION DE LIQUIDE**
[72] METAXATOS, PAUL, US
[72] RUSSELL, WES, US
[72] NEVIN, JOEL, US
[73] AQUASANA, INC.,
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[54] **PROCEDE ET APPAREIL POUR SERRURE A CLE MAITRESSE READAPTABLE**
[72] EMORY, MARK W., US
[73] SPECTRUM BRANDS, INC.,
[85] 2014-04-02
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[54] **COMPOSITION DE SOINS D'HYGIENE PERSONNELLE PHOTOPROTECTRICE AQUEUSE**
[72] VAIDYA, ASHISH ANANT, IN
[72] GHOSH, NILMONI, IN
[73] UNILEVER PLC,
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[54] **COMPOSITION DE RETICULATION AMELIOREE ADMINISTREE PAR IONOPHORESE, UTILE POUR LE TRAITEMENT DU KERATOCONE**
[72] FOSCHINI, FULVIO, IT
[72] STAGNI, MARCELLO, IT
[72] LUCIANI, GIULIO, IT
[72] ROY, PIERRE, FR
[73] SOOFT ITALIA SPA,
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[54] **APPLANATION TONOMETER AND METHOD FOR MEASURING THE INTRAOCULAR PRESSURE OF THE EYE**
[54] **TONOMETRE PAR APLANATION ET METHODE DE MESURE DE LA PRESSION INTRAOCULAIRE**
[72] MAGGIANO, JOHN M., US
[72] MAURATH, STEVEN E., US
[72] MOEWE, MICHAEL, US
[73] LIGHTTOUCH, LLC,
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[54] **METHOD FOR DETERMINATION OF THE STABILITY OF A MAST THAT HAS BEEN PROPERLY SET UP AT AN INSTALLATION SITE**
[54] **PROCEDE POUR DETERMINER LA STABILITE D'UN POTEAU INSTALLE DUMENT A UN EMPLACEMENT**
[72] SPALTMANN, HORST, DE
[72] HORTMANNS, MICHAEL, DE
[73] MEYER, AXEL,
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[54] **COMPOSITE MATERIAL VIA IN-SITU POLYMERIZATION OF THERMOPLASTIC (METH) ACRYLIC RESINS AND ITS USE**
[54] **MATERIAU COMPOSITE OBTENU PAR POLYMERISATION IN SITU DE RESINES (METH)ACRYLIQUES THERMOPLASTIQUES, ET SON UTILISATION**
[72] GERARD, PIERRE, FR
[72] GLOTIN, MICHEL, FR
[72] HOCHSTETTER, GILLES, FR
[73] ARKEMA FRANCE,
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[54] **BLASTING COMPOSITIONS WITH IMPROVED WATER RESISTANCE**
[54] **COMPOSITIONS EXPLOSIVES A RESISTANCE A L'EAU AMELIOREE**
[72] MCPHAIL, EMMA, AU
[72] GRIGGS, BRENDAN, AU
[72] GORE, JEFF, AU
[72] PARIS, NATHAN, AU
[73] DYNO NOBEL ASIA PACIFIC PTY LIMITED,
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[54] **ANTAGONISTES DES RECEPTEURS DE L'OREXINE A BASE DE 2-PYRYDYLOXY-4-NITRILE**
[72] KUDUK, SCOTT D., US
[72] SKUDLAREK, JASON W., US
[73] MERCK SHARP & DOHME CORP.,
[85] 2014-04-15
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[54] **PROTECTION POUR LESIONS CUTANEES**
[72] SPOTTHEIM, OFER, IL
[72] APOLET, JOSEK BEREK, IT
[72] BYRON, JONATHAN, IL
[73] SPOTTHEIM, OFER,
[73] APOLET, JOSEK BEREK,
[73] BYRON, JONATHAN,
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[25] FR
[54] **TURBO ENGINE ATTACHMENT PYLON**
[54] **PYLONE D'ACCROCHAGE POUR TURBOMACHINE**
[72] BODARD, GUILLAUME, FR
[72] HENRY, CYPRIEN, FR
[72] JODET, NORMAN, FR
[72] VUILLEMIN, ALEXANDRE ALFRED GASTON, FR
[73] SNECMA,
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[54] **PROCESSES FOR RECYCLING CARPET AND PRODUCTS OF SUCH PROCESSES**
[54] **PROCEDES POUR RECYCLAGE D'UNE MOQUETTE ET PRODUITS DE TELS PROCEDES**
[72] BORK, JOSEPH E., US
[72] PASPEK, STEPHEN C., SR., US
[72] SCHROEDER, ALAN F., US
[72] HEISE, WILLIAM H., US
[73] SHAW INDUSTRIES GROUP, INC.,
[85] 2014-04-29
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[54] **DPP-4 INHIBITOR**
[54] **INHIBITEUR DE DPP-4**
[72] HAYASHIDA, OSAMU, JP
[72] KUSUBATA, MASASHI, JP
[72] ATSUZAWA, YUJI, JP
[72] TAGA, YUKI, JP
[72] KOYAMA, YOUICHI, JP
[72] HATTORI, SHUNJI, JP
[73] NIPPI, INCORPORATED,
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[54] **STRUCTURAL ADHESIVE AND BONDING APPLICATION THEREOF**
[54] **ADHESIF STRUCTURAL ET APPLICATION DE COLLAGE DE CELUI-CI**
[72] SANG, JUNJIE JEFFREY, US
[72] KOHLI, DALIP KUMAR, US
[72] SHAH, KUNAL GAURANG, IN
[73] CYTEC TECHNOLOGY CORP.,
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[54] **OPTIMISATION DE RESONATEUR**
[72] SWEENEY, STEPHEN, GB
[72] ZHANG, YAPING, GB
[73] ASTRIUM LIMITED,
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[54] **USE OF N,N'-(DIMETHYL)-URONES AND METHOD FOR CURING EPOXY RESIN COMPOSITIONS**
[54] **UTILISATION DES N,N'-(DIMETHYLE)-URONES ET PROCEDE DE DURCISSEMENT DES COMPOSITIONS DE RESINE EPOXYDE**
[72] EICHHORN, TORSTEN, DE
[72] WINKLER, CLAUDIA, DE
[72] EBNER, MARTIN, DE
[72] KRIMMER, HANS-PETER, DE
[73] ALZCHEM TROSTBERG GMBH,
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[54] **ISOLATED STEREOISOMERIC FORMS OF (S)2-N(3-O-(PROPAN 2-OL)-1-PROPYL-4-HYDROXYBENZENE)-3-PHENYLPROPYLAMIDE**
[54] **FORMES STEREO-ISOMERIQUES ISOLEES DE (S)2-N(3-0-(PROPAN 2-OL)-1-PROPYL-4-HYDROXYBENZENE)-3-PHENYLPROPYLAMIDE**
[72] KAPLAN, ELIAHU, IL
[73] NOVAREMED LTD.,
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[54] **LANGUE POUR BOTTE DE PATIN**
[72] LABONTE, IVAN, CA
[72] CORBEIL, JEAN-FRANCOIS, CA
[73] BAUER HOCKEY LTD.,
[86] (2856781)
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[54] **JOINT A GAZ SEC POUR TAMPON DE HAUTE PRESSION DE POMPE DE CO2 SUPERCRITIQUE**
[72] DEL VESCOVO, CARLO, IT
[72] RIPA, DONATO ANTONIO, IT
[72] SCIANCALEPORE, MAURIZIO, IT
[73] NUOVO PIGNONE S.P.A.,
[85] 2014-05-23
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[54] **SPINAL CORD DEVICES AND METHODS FOR PROMOTING AXONAL REGENERATION**
[54] **DISPOSITIFS ET PROCEDES POUR FAVORISER LA REGENERATION AXONALE DANS LA MOELLE EPINIERE**
[72] FROSTELL, ARVID, SE
[72] MATTSSON, PER, SE
[72] SVENSSON, MIKAEL, SE
[73] BIOARCTIC AB,
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[54] **TECHNIQUES DE THERMOSTERILISATION POUR PREPARATIONS ANTISEPTIQUES A BASE DE CHLORHEXIDINE**
[72] MARGOOSIAN, RAZMIK, CA
[72] AFARIAN, VIKEN, CA
[73] LERNAPHARM (LORIS) INC.,
[86] (2857725)
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[25] EN
[54] **USE OF NEU1 SIALIDASE INHIBITORS IN THE TREATMENT OF CANCER**
[54] **UTILISATION D'INHIBITEURS DE LA SIALIDASE (NEUL) DANS LE TRAITEMENT DU CANCER**
[72] JOSEFOWITZ, PAUL ZACHARY, GB
[72] SZEWCZUK, MYRON R., CA
[73] SZEWCZUK, MYRON R.,
[85] 2014-06-05
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[54] **ORTHOPEDIC AUGMENTS HAVING RECESSED POCKETS**
[54] **DISPOSITIFS D'AGRANDISSEMENT ORTHOPEDIQUES AYANT DES POCHES ENFONCEES**
[72] SHEA, JEFFREY J., US
[72] GOLDBERG, DANIEL R., US
[72] QUINN, NATHANIEL M., US
[72] TSAI, STANLEY, US
[73] SMITH & NEPHEW, INC.,
[85] 2014-06-06
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[25] EN
[54] **METHODS AND DEVICES FOR CERVICAL CELL AND TISSUE SAMPLING**
[54] **PROCEDES ET DISPOSITIFS POUVANT ETRE UTILISES EN VUE DU PRELEVEMENT D'ECHANTILLONS DE CELLULES ET DE TISSU CERVICAUX**
[72] LEE-SEPSICK, KATHY, US
[72] AZEVEDO, MAX S., US
[72] MARCUS, JEFFREY A., US
[73] FEMASYS INC.,
[85] 2014-06-13
[86] 2012-12-14 (PCT/US2012/069886)
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[54] **EXTRACTION D'ACIDE LACTIQUE**
[72] DE HAAN, ANDRE BANIER, NL
[72] VAN KRIEKEN, JAN, NL
[72] DEKIC, ZIVKOVIC TANJA, NL
[73] PURAC BIOCHEM BV,
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[30] EP (11195691.8) 2011-12-23
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[54] **TELECOMMUNICATIONS SYSTEMS AND METHODS FOR MACHINE TYPE COMMUNICATION**
[54] **SYSTEMES DE TELECOMMUNICATIONS ET PROCEDES POUR COMMUNICATION DE TYPE MACHINE**
[72] BEALE, MARTIN, GB
[73] SCA IPLA HOLDINGS INC,
[85] 2014-06-18
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[72] BRICENO, JORGE, US
[73] ALLISON TRANSMISSION, INC.,
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[54] **PROCEDE DE TRAITEMENT D'UNE HUILE VEGETALE**
[72] BHAGGAN, KRISHNADATH, NL
[72] WERLEMAN, JEANINE LUVELLE, NL
[72] FRANX, JOHAN, NL
[73] LODERS CROKLAAN B.V.,
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[54] **SYSTEMES ET PROCEDES GRADATEURS INDIVIDUELLEMENT ADRESSABLES**
[72] TYSON, THOMAS JOSEPH, US
[72] ANDRISIN, JOHN J., III, US
[73] THE L.D. KICHLER CO.,
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[54] **ANALOGUES DE THIAZOLIDINONE DEUTERIES UTILISES COMME AGONISTES DU RECEPTEUR DE L'HORMONE FOLLICULO-STIMULANTE**
[72] YU, HENRY, US
[72] DONNELLY, MARIANNE, US
[73] MERCK PATENT GMBH,
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[72] DUNCAN, JEFFREY B., US
[73] W.L. GORE & ASSOCIATES, INC.,
[85] 2014-07-03
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[54] **DISTRIBUTEUR DE MATIERE VISQUEUSE MOTORISE**
[72] GRONTVED, MARTIN, DK
[72] ELMELUND, JORGEN, DK
[73] SULZER MIXPAC AG,
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[54] **PROCESS AND APPARATUS FOR PREPARATION OF NITRIC ACID**
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE DE L'ACIDE NITRIQUE**
[72] BIRKE, DANIEL, DE
[73] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG,
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[72] EVERHARDUS, ROELOF H., NL
[72] VERCOULEN, GERARDUS C. P., NL
[72] VAN GAGELDONK, JOHANNES F. J., NL
[72] LENDERS, JOHAN P. J., NL
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[54] **BALE PROCESSOR**
[54] **APPAREIL DE TRAITEMENT DE BALLOT**
[72] EGGING, PHIL, US
[72] STAM, PHIL, US
[72] GRAHAM, LUCAS, US
[72] SCHIFERL, TYLER, US
[72] MUSHITZ, LUKE, US
[73] VERMEER MANUFACTURING COMPANY,
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[54] **MATERIAL LIFTING SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME DE LEVAGE DE MATERIAUX**
[72] BURKEY, JOHN R., US
[72] BULTEMA, ROBERT T., US
[72] PARADOWSKI, MARK R., US
[72] WINGFIELD, STACIE, US
[72] JOHNSTON, SHAUN, US
[72] MCCLEARY, BRETT R., US
[73] COLUMBUS MCKINNON CORPORATION,
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[54] **UTILISATION DE NANOPARTICULES EN TANT QU'ADDITIF PRESENTANT UN POUVOIR LUBRIFIANT DANS DES FLUIDES DE FORAGE**
[72] HUSEIN, MAEN MOH'D, CA
[72] ZAKARIA, MOHAMMAD FERDOUS, CA
[72] HARELAND, GEIR, CA
[73] NFLUIDS INC.,
[85] 2014-08-06
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[54] **HYDROCORTISONE CONTROLLED RELEASE FORMULATION**
[54] **PREPARATION A LIBERATION CONTROLEE D'HYDROCORTISONE**
[72] HUATAN, HIEP, GB
[72] ROSS, RICHARD, GB
[72] WHITAKER, MARTIN, GB
[73] DIURNAL LIMITED,
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[54] **SEALING ELEMENT, PREFERABLY SEALING RING**
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[72] MARTIN, HERBERT, DE
[72] BAUMANN, MICHAEL, DE
[72] BUCK, THOMAS, DE
[73] DURR SYSTEMS GMBH,
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[72] MATOS RICARDO, CARLOS ALBERTO, PT
[72] LAMMERS, GEERTRUIDA ANNA PETRONELLA MARIA, PT
[73] VERACHTERT, AUGUSTINUS MARIA,
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[54] **FLEXIBLE CONVEYOR BELT WRAPPER**
[54] **REVETEMENT DE COURROIE TRANSPORTEUSE SOUPLE**
[72] LEWIS, WILLIAM JAMES, US
[72] LEWIS, MARC W.F., US
[72] SWIFT, MALCOLM M., US
[72] TERPSTRA, LAMBERT ALLEN, US
[72] LEWIS, WILLIAM CHRISTOPHER, US
[73] ADVANCED FLEXIBLE COMPOSITES, INC.,
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[54] **TRANSPORT APPARATUS FOR TRANSPORTING HEAVY OBJECTS**
[54] **APPAREIL DE TRANSPORT POUR LE TRANSPORT D'OBJETS LOURDS**
[72] KORTESALMI, OSSI, FI
[72] HOYLA, TEIJO, FI
[73] SLEIPNER FINLAND OY,
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[54] **DISTRIBUTEUR DE SERVIETTES**
[72] ROZEK, ROY J., US
[73] GPCP IP HOLDINGS LLC,
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[54] **TARGET AND SPHERICAL OBJECT RECEIVER**
[54] **CIBLE ET DISPOSITIF DE RECEPTION D'OBJET SPHERIQUE**
[72] STEVENS KANG, JULIE A., US
[73] STEVENS KANG, JULIE A.,
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[25] EN
[54] **METHOD FOR CONTROLLING AN ARRANGEMENT FOR SUPPLYING ELECTRIC CURRENT TO A POWER SUPPLY SYSTEM**
[54] **PROCEDE DE COMMANDE D'UN SYSTEME POUR ALIMENTER UN RESEAU D'ALIMENTATION EN COURANT ELECTRIQUE**
[72] BEEKMANN, ALFRED, DE
[73] WOBBEN PROPERTIES GMBH,
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[54] **PROCESSES FOR THE REMOVAL OF RUBBER FROM NON-HEVEA PLANTS**
[54] **PROCEDES POUR EXTRAIRE DU CAOUTCHOUC DE PLANTES DIFFERENTES DE L'HEVEA**
[72] HUANG, YINGYI, US
[72] SMALE, MARK, US
[72] WHITE, ROBERT, US
[72] MOURI, HIROSHI, US
[72] COLE, WILLIAM, US
[73] BRIDGESTONE CORPORATION,
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[54] **ENSEMBLE BLOC OBTURATEUR DE PUITS**
[72] LEUCHTENBERG, CHRISTIAN, SG
[73] MANAGED PRESSURE OPERATIONS PTE. LTD.,
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[54] **CAP FOR FEEDING BOTTLE**
[54] **CAPUCHON POUR BIBERON**
[72] TOLLMAN, STEPHEN PAUL, GB
[73] BB IPR LIMITED,
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[54] **METHOD FOR MONITORING HIV SPECIFIC T CELL RESPONSES**
[54] **PROCEDE POUR SURVEILLER DES REPONSES DE LYMPHOCYTES T SPECIFIQUES DU VIH**
[72] RUIZ RIOL, MARTA, ES
[72] BRANDER, CHRISTIAN, ES
[72] IBARRONDO, JAVIER, US
[73] FUNDACIO PRIVADA INSTITUT DE RECERCA DE LA SIDA - CAIXA,
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[54] **REDUCTION METHOD FOR THE REDUCTION OF CARBON DIOXIDE AND CARBON DIOXIDE DERIVATIVES**
[54] **PROCEDE DE REDUCTION UTILISABLE EN VUE DE LA REDUCTION DU DIOXYDE DE CARBONE ET DE SES DERIVES**
[72] KLANKERMAYER, JURGEN, DE
[72] LEITNER, WALTER, DE
[72] WESSELBAUM, SEBASTIAN, DE
[72] VOM STEIN, THORSTEN, DE
[73] RHEINISCH-WESTFALISCHE TECHNISCHE HOCHSCHULE AACHEN,
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[54] **GAZON AMELIORE REPOSITIONNABLE**
[72] SUTHERLAND, HAMISH ROSS, AU
[72] WOOLFE, MATHEW ALEXANDER, AU
[73] TECHNOLOGY LICENSING CORP.,
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[25] EN
[54] **CATALYSTS FOR THE CONVERSION OF HYDROXYPROPIONIC ACID OR ITS DERIVATIVES TO ACRYLIC ACID OR ITS DERIVATIVES**
[54] **CATALYSEURS DE CONVERSION D'ACIDE HYDROXYPROPIONIQUE OU DE SES DERIVES EN ACIDE ACRYLIQUE OU SES DERIVES**
[72] VELASQUEZ, JUAN ESTEBAN, US
[72] LINGOES, JANETTE VILLALOBOS, US
[72] GODLEWSKI, JANE ELLEN, US
[72] COLLIAS, DIMITRIS IOANNIS, US
[72] WIREKO, FRED C., US
[72] MAMAK, MARC ANDREW, US
[72] REDMAN-FUREY, NANCY LEE, US
[73] THE PROCTER & GAMBLE COMPANY,
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[25] EN
[54] **SELF-CLIMBING SCAFFOLD SYSTEM IN CONSTRUCTION WORKS OF BUILDINGS AND SELF-CLIMBING METHOD**
[54] **SYSTEME D'ECHAFAUDAGE AUTOGRIMPANT DANS LES TRAVAUX DE CONSTRUCTION DES BATIMENTS ET PROCEDE AUTOGRIMPANT**
[72] URZELAI EZKIBEL, LIBORIO, ES
[72] EGANA URRUTIA, ANDER, ES
[73] ULMA C Y E, S. COOP,
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[87] (2870412)
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[54] **APPAREIL DE FORMATION CONTINUE DE BALLES AYANT UN DISPOSITIF DE POUSSEE DE BALLE A MOUVEMENT ALTERNATIF**
[72] REIJERSEN VAN BUUREN, WILLEM JACOBUS, NL
[72] DE JONG, RUDY, NL
[73] FORAGE COMPANY B.V.,
[85] 2014-10-17
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[54] **SYSTEME DE DEMANDE D'ASSISTANCE AU CLIENT UTILISANT UN DISPOSITIF INTELLIGENT**
[72] VAN NEST, NANCY LEE, US
[72] HALL, STEWART E., US
[72] LEON, GUSTAVO, US
[72] RASBAND, PAUL BRENT, US
[72] RELIHAN, TIMOTHY J., US
[72] SALCEDO, DAVID M., US
[73] SENSORMATIC ELECTRONICS LLC,
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[54] **METHOD OF MAKING A KNIT WITH BARBS**
[54] **PROCEDE DE FABRICATION D'UN TISSU A MAILLES DOTE D'ARDILLONS**
[72] SIMONS, DAMIEN, FR
[73] SOFRADIM PRODUCTION,
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[54] **SYSTEME D'OUVERTURE DE FENETRE AUTOMATIQUE A CAPTEUR D'EAU**
[72] PERCHER, MICHAEL, CA
[73] KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY,
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF N-[5-(3,5-DIFLUORO-BENZYL)-1H-INDAZOL-3-YL]-4-(4-METHYL-PIPERAZIN-1-YL)-2-(TETRAHYDRO-PYRAN-4-YLAMINO)-BENZAMIDE**
[54] **PROCEDE DE PREPARATION DU N-[5-(3,5-DIFLUORO-BENZYL)-1H-INDAZOL-3-YL]-4-(4-METHYL-PIPERAZINE-1-YL)-2-(TETRAHYDRO-PYRAN-4-YLAMINO)-BENZAMIDE**
[72] BARBUGIAN, NATALE ALVARO, IT
[72] FORINO, ROMUALDO, IT
[72] FUMAGALLI, TIZIANO, IT
[72] ORSINI, PAOLO, IT
[73] NERVIANO MEDICAL SCIENCES S.R.L.,
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[54] **CAPSULE FOR MAKING BEVERAGES**
[54] **CAPSULE POUR PREPARER DES BOISSONS**
[72] ACCURSI, GIOVANNI, IT
[73] CAFFITALY SYSTEM S.P.A.,
[85] 2014-11-20
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[30] IT (VR2012A000121) 2012-06-08

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[25] EN
[54] **SOUND ABSORBING AND SCREENING MATERIAL AND METHOD FOR MANUFACTURING SAME**
[54] **MATERIAU D'ECRAN ET D'ABSORPTION DES SONS ET PROCEDE POUR SA FABRICATION**
[72] KIM, KEUN YOUNG, KR
[72] SEO, WON JIN, KR
[73] KIA MOTORS CORPORATION,
[73] HYUNDAI MOTOR COMPANY,
[85] 2014-12-15
[86] 2013-06-19 (PCT/KR2013/005424)
[87] (WO2013/191474)
[30] KR (10-2012-0066309) 2012-06-20

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[25] EN
[54] **SYSTEM AND METHOD FOR TESTING A MATERIAL SYSTEM**
[54] **SYSTEME ET METHODE DE TEST D'UN SYSTEME MATERIEL**
[72] GREEGOR, ROBERT B., US
[72] MORGAN, JEFFREY D., US
[72] LE, QUYNHGIAO N., US
[72] DREXLER, JULIE M., US
[72] MITTLEIDER, JOHN A., US
[73] THE BOEING COMPANY,
[86] (2875709)
[87] (2875709)
[22] 2014-12-22
[30] US (14/174,550) 2014-02-06

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[25] FR
[54] **METHOD AND APPARATUS FOR SEPARATING A CARBON DIOXIDE-RICH GAS**
[54] **PROCEDE ET APPAREIL DE SEPARATION D'UN GAZ RICHE EN DIOXYDE DE CARBONE**
[72] DAVIDIAN, BENOIT, FR
[72] LECLERC, MATHIEU, FR
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCES GEORGES CLAUDE,
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[86] 2013-07-11 (PCT/FR2013/051658)
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[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING DYNAMIC DISPLAY AD**
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE PUBLICITE A AFFICHAGE DYNAMIQUE**
[72] CHEUNG, MATTHEW, CA
[72] CHARLEBOIS, ERIK, CA
[72] FRANCIS, JEFF, CA
[72] TAN, WEHUNS, CA
[73] FLIPP CORPORATION,
[85] 2014-12-11
[86] 2013-06-14 (PCT/CA2013/000563)
[87] (WO2013/188953)
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[25] EN
[54] **GUSSETS FOR REINFORCEMENT IN TANK CARS AND TANK CARS INCLUDING GUSSETS**
[54] **GOUSSETS DE RENFORT DESTINES A DES BOGIES ET BOGIES COMPORTANT LES GOUSSETS**
[72] MCKISIC, AUBRA D., US
[73] TRINITY INDUSTRIES, INC.,
[85] 2014-12-22
[86] 2013-06-27 (PCT/US2013/048215)
[87] (WO2014/004846)
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[25] EN
[54] **WIRE FEEDER ASSEMBLY WITH MOTOR MOUNT**
[54] **MECANISME DE DISTRIBUTION DE FIL EQUIPE D'UN SUPPORT DE MOTEUR**
[72] MATIASH, NICHOLAS A., US
[72] LAHTI, THOMAS D., US
[73] ILLINOIS TOOL WORKS INC.,
[85] 2014-12-29
[86] 2013-08-28 (PCT/US2013/057162)
[87] (WO2014/036188)
[30] US (13/601,405) 2012-08-31

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[25] EN
[54] **REACTOR SYSTEM FOR THE PRODUCTION OF CARBON ALLOTROPES**
[54] **SYSTEME DE REACTEUR POUR LA PRODUCTION D'ALLOTROPES DU CARBONE**
[72] KOVEAL, RUSSELL J., US
[72] RING, TERRY A., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY,
[73] SOLID CARBON PRODUCTS LLC,
[85] 2014-12-30
[86] 2013-09-13 (PCT/US2013/059613)
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[25] EN
[54] **MOUTHWASH COMPRISING PEROXY COMPOUND, A FIRST ACID AND A SECOND ACID**
[54] **BAIN DE BOUCHE COMPRENANT UN COMPOSE PEROXY, UN PREMIER ACIDE ET UN SECOND ACIDE**
[72] SIMON, ERIC, US
[72] FRUGE, LINH, US
[72] KOHRS, KARSTEN, US
[72] PILCH, SHIRA, US
[73] COLGATE-PALMOLIVE COMPANY,
[85] 2015-01-09
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[54] **IRIDIUM-BASED COMPLEXES FOR ECL**
[54] **COMPLEXES A BASE D'IRIDIUM POUR ECL**
[72] BERGMANN, FRANK, DE
[72] CYSEWSKI, ROBERT, PL
[72] DE COLA, LUISA, FR
[72] DZIADEK, SEBASTIAN, DE
[72] FERNANDEZ HERNANDEZ, JESUS MIGUEL, ES
[72] JOSEL, HANS-PETER, DE
[72] SEIDEL, CHRISTOPH, DE
[73] F. HOFFMANN-LA ROCHE AG,
[85] 2015-01-14
[86] 2013-08-02 (PCT/EP2013/002321)
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[25] EN
[54] **FLUOROPICOLINOYL FLUORIDES AND PROCESSES FOR THEIR PREPARATION**
[54] **FLUORURES DE FLUOROPICOLINOYLE ET LEURS PROCEDES DE PREPARATION**
[72] RENGA, JAMES M., US
[72] CHENG, YANG, US
[72] MUHUHI, JOSECK M., US
[72] PODHOREZ, DAVID E., US
[72] ROTH, GARY A., US
[72] WEST, SCOTT P., US
[72] WHITEKER, GREGORY T., US
[72] ZHU, YUANMING, US
[73] DOW AGROSCIENCES LLC,
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[25] EN
[54] **HYDRAULIC JAR WITH LOW RESET FORCE**
[54] **COULISSE HYDRAULIQUE AVEC FAIBLE FORCE DE REINITIALISATION**
[72] WATSON, BROCK W., US
[72] SCHULTZ, ROGER L., US
[73] THRU TUBING SOLUTIONS, INC.,
[85] 2015-02-04
[86] 2013-08-05 (PCT/US2013/053571)
[87] (WO2014/028254)
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[25] EN
[54] **RESILIENT UNIT WITH DIFFERENT MAJOR SURFACES**
[54] **UNITE RESISTANTE AVEC DIFFERENTES SURFACES PRINCIPALES**
[72] SPINKS, SIMON, GB
[72] CLARE, DAVID, GB
[73] HARRISON SPINKS COMPONENTS LIMITED,
[85] 2015-02-06
[86] 2013-08-08 (PCT/GB2013/052131)
[87] (WO2014/023975)
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[25] EN
[54] **MEASUREMENT OF PROPERTIES OF FLUIDS USING MRI**
[54] **MESURE DE PROPRIETES DE FLUIDES A L'AIDE D'IRM**
[72] RAPOPORT, URI, IL
[73] ASPECT AI LTD.,
[85] 2015-02-10
[86] 2013-08-14 (PCT/IL2013/050690)
[87] (WO2014/027350)
[30] US (61/683,292) 2012-08-15
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[25] EN
[54] **APPARATUS FOR SPOOLING**
[54] **APPAREIL DE MISE EN ROULEAU**
[72] STELMACK, DALE, CA
[73] STELMACK, DALE,
[86] (2882078)
[87] (2882078)
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[25] EN
[54] **MACHINE TOOL**
[54] **MACHINE-OUTIL**
[72] AYESTARAN LAZCANO, FRANCISCO, ES
[72] IBARRA GARCES, JORGE, ES
[72] IRIBARREN ARISTIZABAL, IBON, ES
[73] ETXE-TAR, S.A.,
[85] 2015-02-05
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[25] EN
[54] **RECUPERATIVE TRANSMISSION DOWN SHIFTING MULTIPLE GEARS AND ENGINE DECOUPLING**
[54] **BOITE DE VITESSES PAR RECUPERATION DESCENDANT PLUSIEURS RAPPORTS ET DECOUPLAGE MOTEUR**
[72] SCHULTE, JURGEN, US
[72] MUGGEO, FILIPPO, US
[72] MATTHEWS, DEREK, US
[72] PANCHERI, BRENDAN, US
[73] BAE SYSTEMS CONTROLS INC.,
[85] 2015-02-24
[86] 2013-08-29 (PCT/US2013/057182)
[87] (WO2014/036203)
[30] US (13/601,919) 2012-08-31

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[13] C
[51] **Int.Cl. A01N 59/16 (2006.01) A01N 65/42 (2009.01) A61L 2/16 (2006.01)**
[25] EN
[54] **A PROLONGED DISINFECTANT COMPOSITION FOR NON-BIOLOGICAL SURFACES COMPRISING SILVER ION WATER AND ALOE VERA**
[54] **UNE COMPOSITION DESINFECTANTE A DUREE PROLONGEE DESTINEE A DES SURFACES NON BIOLOGIQUES COMPRENANT DES IONS DE FER, DE L'EAU ET DE L'ALOE VERA**
[72] WHITE, ROBERT, AU
[73] WHITE, ROBERT,
[85] 2015-03-05
[86] 2012-09-17 (PCT/AU2012/001117)
[87] (WO2013/037014)
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[25] EN
[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] WOODFORD, KEITH DONALD, GB
[73] TCO AS,
[85] 2015-03-06
[86] 2013-09-10 (PCT/EP2013/068736)
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[30] GB (1216064.4) 2012-09-10

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[25] FR
[54] **STIFFENED PANEL AND METHOD OF MANUFACTURING SAME**
[54] **PANNEAU RAIDI ET SON PROCEDE DE FABRICATION**
[72] BERMUDEZ, MICHEL, FR
[72] MESNAGE, DIDIER, FR
[72] SMAOUI, HICHEM, FR
[72] FLEURY, BENOIT, FR
[73] AIRBUS SAS,
[85] 2015-03-09
[86] 2013-09-09 (PCT/FR2013/052069)
[87] (WO2014/037678)
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[25] EN
[54] **SYNTHESIS AND INTERMEDIATES OF PYRROLOBENZODIAZEPINE DERIVATIVES FOR CONJUGATION**
[54] **SYNTHESE ET INTERMEDIAIRES DE DERIVES DE PYRROLOBENZODIAZEPINE POUR CONJUGAISON**
[72] HOWARD, PHILIP WILSON, GB
[73] MEDIMMUNE LIMITED,
[85] 2015-03-18
[86] 2013-10-11 (PCT/EP2013/071234)
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[51] **Int.Cl. G07F 17/32 (2006.01)**
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[54] **METHODS AND REGULATED GAMING MACHINES CONFIGURED FOR SERVICE ORIENTED SMART DISPLAY BUTTONS**
[54] **PROCEDES ET MACHINES DE JEU REGLEMENTE CONFIGURES POUR DES BOUTONS A AFFICHAGE INTELLIGENT ORIENTE SERVICES**
[72] BRUNET DE COURSSOU, THIERRY, FR
[72] FILIPOUR, CAMERON ANTHONY, FR
[73] IGT,
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[87] (2885438)
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[54] **ELECTRONIC VAPOUR PROVISION DEVICE**
[54] **DISPOSITIF DE FOURNITURE DE VAPEUR ELECTRONIQUE**
[72] LORD, CHRISTOPHER, GB
[73] NICOVENTURES HOLDINGS LIMITED,
[85] 2015-03-26
[86] 2013-10-09 (PCT/EP2013/071069)
[87] (WO2014/060267)
[30] GB (1218816.5) 2012-10-19

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[51] **Int.Cl. C25B 11/12 (2006.01) C09K 13/12 (2006.01) C25B 1/00 (2006.01)**
[25] EN
[54] **ELECTROLYTIC GENERATION OF MANGANESE (III) IONS IN STRONG SULFURIC ACID**
[54] **GENERATION ELECTROLYTIQUE D'IONS DE MANGANESE (III) DANS L'ACIDE SULFURIQUE FORT A L'AIDE D'UNE ANODE AMELIOREE**
[72] PEARSON, TREVOR, GB
[72] CLARKE, TERENCE, GB
[72] CHAPANERI, ROSHAN V., GB
[73] MACDERMID ACUMEN, INC.,
[85] 2015-04-23
[86] 2013-09-26 (PCT/US2013/061860)
[87] (WO2014/077957)
[30] US (13/677,798) 2012-11-15

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[51] **Int.Cl. C30B 23/00 (2006.01) C23C 16/27 (2006.01) C30B 25/00 (2006.01) C30B 29/04 (2006.01) E21B 10/46 (2006.01)**
[25] EN
[54] **FIXED CUTTER DRILL BIT CUTTER ELEMENTS INCLUDING HARD CUTTING TABLES MADE FROM CVD SYNTHETIC DIAMONDS**
[54] **ELEMENTS COUPANTS FIXES DE TREPAN COMPRENANT DES TABLES DE COUPE DURES COMPOSEES DE DIAMANTS SYNTHETIQUES OBTENUS PAR DEPOT CHIMIQUE EN PHASE VAPEUR**
[72] ZHAN, GUODONG, US
[72] NIXON, MICHAEL S., US
[73] NATIONAL OILWELL DHT, L.P.,
[85] 2015-05-20
[86] 2013-11-18 (PCT/US2013/070512)
[87] (WO2014/081654)
[30] US (61/728,920) 2012-11-21

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[51] **Int.Cl. F16K 3/30 (2006.01) F16K 3/03 (2006.01) G05D 7/00 (2006.01) G05D 16/00 (2006.01)**
[25] EN
[54] **SHUTTER VALVE WITH PIVOT ARMS**
[54] **VANNE D'ARRET DOTEE DE BRAS PIVOTANTS**
[72] DANIELS, KYLE P., US
[73] CLARKE INDUSTRIAL ENGINEERING, INC.,
[86] (2892194)
[87] (2892194)
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[51] **Int.Cl. E21B 47/01 (2012.01) E21B 47/017 (2012.01)**
[25] EN
[54] **AXIALLY-SUPPORTED DOWNHOLE PROBES**
[54] **SONDES DE FOND DE TROU SOUTENUES AXIALEMENT**
[72] LOGAN, AARON W., CA
[72] LOGAN, JUSTIN C., CA
[72] SWITZER, DAVID A., CA
[72] DERKACZ, PATRICK R., CA
[73] EVOLUTION ENGINEERING INC.,
[85] 2015-05-26
[86] 2013-12-02 (PCT/CA2013/050925)
[87] (WO2014/085925)
[30] US (61/732,816) 2012-12-03
[30] US (61/882,205) 2013-09-25

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[51] **Int.Cl. A61B 7/04 (2006.01)**
[25] EN
[54] **ELECTRONIC STETHOSCOPE**
[54] **STETHOSCOPE ELECTRONIQUE**
[72] HABBOUSHE, JOSEPH, US
[72] DERMAN, RICHARD, US
[72] AHNERT, STEPHEN, US
[72] POFF, SCOTT, US
[73] ELEGANT MEDICAL LLC,
[85] 2015-06-02
[86] 2013-12-03 (PCT/US2013/072848)
[87] (WO2014/089060)
[30] US (61/732,788) 2012-12-03
[30] US (14/075,420) 2013-11-08

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[51] **Int.Cl. A01C 7/20 (2006.01)**
[25] EN
[54] **QUICK COUPLING FOR FLEXIBLE TUBE**
[54] **RACCORD RAPIDE POUR TUBE FLEXIBLE**
[72] HARNETIAUX, TRAVIS L., US
[72] JOHNSON, CHAD M., US
[73] CNH INDUSTRIAL AMERICA LLC,
[86] (2893715)
[87] (2893715)
[22] 2015-06-03
[30] US (14/320,838) 2014-07-01

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[13] C
[51] **Int.Cl. C40B 30/10 (2006.01) B82Y 15/00 (2011.01) C12M 1/34 (2006.01) C40B 60/12 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **NANOPORE ARRAYS**
[54] **RESEAUX DE NANOPORES**
[72] CHEN, ROGER J.A., US
[72] FULLAGAR, DAVID J., US
[73] GENIA TECHNOLOGIES, INC.,
[85] 2015-06-03
[86] 2014-01-28 (PCT/US2014/013304)
[87] (WO2014/123716)
[30] US (13/759,701) 2013-02-05

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[13] C
[51] **Int.Cl. A47J 31/22 (2006.01) A47J 31/00 (2006.01)**
[25] EN
[54] **PARAMETRIC RECIPES FOR PREPARING BEVERAGE WITH CAPSULES IN A CENTRIFUGAL BREWING SYSTEM**
[54] **MODES DE PREPARATION PARAMETRIQUES D'UNE BOISSON AU MOYEN DE CAPSULES DANS UN SYSTEME D'INFUSION CENTRIFUGE**
[72] PERENTES, ALEXANDRE, CH
[72] SIEGRIST, PETER, CH
[73] SOCIETE DES PRODUITS NESTLE S.A.,
[85] 2015-06-08
[86] 2013-12-12 (PCT/EP2013/076448)
[87] (WO2014/090965)
[30] EP (12197050.3) 2012-12-13

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[13] C
[51] **Int.Cl. B63H 20/04 (2006.01) B63H 5/125 (2006.01) B63H 20/02 (2006.01)**
[25] EN
[54] **METHOD FOR DISASSEMBLING AND/OR ASSEMBLING AN UNDERWATER SECTION OF A RETRACTABLE THRUSTER UNIT**
[54] **PROCEDE POUR DESASSEMBLER ET/OU ASSEMBLER UNE PARTIE IMMERGEE D'UNE UNITE DE PROPULSEUR RETRACTABLE**
[72] RUOSTEMAA, ESA, FI
[72] KARPPINEN, MIKKO, FI
[72] KNUUTI, MIKKO, FI
[73] ROLLS-ROYCE OY AB,
[85] 2015-06-10
[86] 2012-12-14 (PCT/FI2012/051249)
[87] (WO2014/091063)

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[13] C
[51] **Int.Cl. H02B 1/52 (2006.01) H02G 11/02 (2006.01) H02B 5/00 (2006.01) H02G 1/02 (2006.01)**
[25] EN
[54] **CONTAINER BASED BY-PASS MODULE FOR ELECTRIC POWER LINES**
[54] **MODULE DE DERIVATION A CONTENEUR POUR LIGNES D'ALIMENTATION ELECTRIQUE**
[72] MAURI LOPEZ, MANUEL, IT
[73] PRYSMIAN S.P.A.,
[85] 2015-06-11
[86] 2012-12-28 (PCT/EP2012/077055)
[87] (WO2014/101952)

[11] **2,894,994**
[13] C
[51] **Int.Cl. C07D 277/64 (2006.01) A61K 49/00 (2006.01) A61K 51/00 (2006.01) A61P 25/28 (2006.01) C07D 401/06 (2006.01) C07D 405/06 (2006.01) C07D 417/06 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR IMAGING TAU PROTEINS THAT ACCUMULATE IN BRAIN**
[54] **COMPOSES D'IMAGERIE DES PROTEINES TAU QUI S'ACCUMULENT DANS LE CERVEAU**
[72] HIGUCHI, MAKOTO, JP
[72] SUHARA, TETSUYA, JP
[72] MARUYAMA, MASAHIRO, JP
[72] CHO, MEIEI, JP
[72] SHIMADA, HITOSHI, JP
[73] NATIONAL INSTITUTES FOR QUANTUM AND RADIOLOGICAL SCIENCE AND TECHNOLOG,
[85] 2015-06-12
[86] 2012-12-21 (PCT/JP2012/083286)
[87] (WO2014/097474)

[11] **2,895,835**
[13] C
[51] **Int.Cl. C11D 7/12 (2006.01) C11D 7/14 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **SOLID TABLET UNIT DOSE OVEN CLEANER**
[54] **NETTOYANT POUR FOUR EN DOSE UNITAIRE EN COMPRIME SOLIDE**
[72] TJELTA, BRENDA L., US
[72] SANDERS, LISA M., US
[72] BESSE, MICHAEL E., US
[73] ECOLAB USA INC.,
[85] 2015-06-18
[86] 2013-12-31 (PCT/US2013/078513)
[87] (WO2014/107460)
[30] US (13/734,204) 2013-01-04

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[51] **Int.Cl. A01K 29/00 (2006.01)**
[25] EN
[54] **COVER AND DISPENSING DEVICE**
[54] **COUVERTURE ET DISPOSITIF DISTRIBUTEUR**
[72] DEWEY, ALAN JOSEPH, US
[72] MCCARY, MARK T., US
[73] HIMALAYAN CORPORATION,
[85] 2015-06-19
[86] 2012-12-19 (PCT/US2012/070726)
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[30] US (61/577,497) 2011-12-19

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[51] **Int.Cl. H04W 28/10 (2009.01)**
[25] EN
[54] **RADIO ACCESS NETWORK SHARING METHOD, TRANSMIT END, AND RECEIVE END**
[54] **PROCEDE POUR PARTAGER UN RESEAU A ACCES SANS FIL, EXTREMITE D'ENVOI ET EXTREMITE DE RECEPTION**
[72] LIN, GANG, CN
[72] CHEN, YANYAN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD.,
[85] 2015-06-23
[86] 2012-12-26 (PCT/CN2012/087469)
[87] (WO2014/100986)

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[13] C
[51] **Int.Cl. H01M 8/0258 (2016.01) H01M 8/04007 (2016.01) H01M 8/2465 (2016.01)**
[25] EN
[54] **FUEL CELL STACK INCLUDING DEFORMATION ABSORBING MEMBER**
[54] **EMPILEMENT DE PILE A COMBUSTIBLE COMPORTANT UN ELEMENT ABSORBANT LA DEFORMATION**
[72] FUKUYAMA, YOSUKE, JP
[72] IRITSUKI, KEITA, JP
[72] TERADA, YUSUKE, JP
[72] TAJIMA, NORIHIRO, JP
[73] NISSAN MOTOR CO., LTD.,
[73] NHK SPRING CO., LTD.,
[85] 2015-06-23
[86] 2013-11-08 (PCT/JP2013/080231)
[87] (WO2014/103528)
[30] JP (2012-282310) 2012-12-26

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[13] C
[51] **Int.Cl. B65G 27/24 (2006.01) B65G 27/32 (2006.01)**
[25] EN
[54] **OSCILLATING CONVEYOR AND METHOD FOR THE OPERATION OF AN OSCILLATING CONVEYOR**
[54] **CONVOYEUR OSCILLANT ET PROCEDE DE PREPARATION D'UN CONVOYEUR OSCILLANT**
[72] BOTT, KLAUS, DE
[72] MESAN, IZUDIN, DE
[72] MOJRZISCH, SEBASTIAN, DE
[72] TWIEFEL, JENS, DE
[72] WALLASCHECK, JORG, DE
[73] AFAG HOLDING AG,
[86] (2897703)
[87] (2897703)
[22] 2015-07-17
[30] DE (102014111166.4) 2014-08-06

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[13] C
[51] **Int.Cl. A01N 59/00 (2006.01) A01N 25/02 (2006.01) B01F 3/08 (2006.01) B01F 15/00 (2006.01) C02F 1/50 (2006.01) C02F 1/76 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING THE PRODUCTION OF A BIOCIDE**
[54] **PROCEDE POUR LE REGLAGE DE LA PRODUCTION D'UN BIOCIDE**
[72] BARAK, AYALA, IL
[73] A.Y. LABORATORIES LTD.,
[85] 2015-07-22
[86] 2014-02-06 (PCT/IL2014/050130)
[87] (WO2014/122652)
[30] US (61/761,922) 2013-02-07

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[51] **Int.Cl. A01C 15/04 (2006.01) A01C 7/00 (2006.01)**
[25] EN
[54] **PNEUMATIC DELIVERY SYSTEM FOR APPLICATION IMPLEMENT USING MULTIPLE METERING DEVICES**
[54] **MECANISME DE DISTRIBUTION PNEUMATIQUE POUR ACCESSOIRE D'APPLICATION EMPLOYANT PLUSIEURS DISPOSITIFS DOSEURS**
[72] ROBERGE, MARTIN J., CA
[72] RUPPERT, REX L., US
[73] CNH INDUSTRIAL CANADA, LTD.,
[86] (2899902)
[87] (2899902)
[22] 2015-08-10
[30] US (14/505,266) 2014-10-02

[11] **2,900,173**
[13] C
[51] **Int.Cl. C23C 24/04 (2006.01)**
[25] EN
[54] **ABRADABLE COATINGS FOR GAS TURBINE ENGINE COMPONENTS**
[54] **REVETEMENTS ABRADABLES POUR COMPOSANTES DE TURBINE A GAZ**
[72] CHEUNG, KIN-LEUNG, CA
[73] PRATT & WHITNEY CANADA CORP.,
[86] (2900173)
[87] (2900173)
[22] 2015-08-11
[30] US (14/458,471) 2014-08-13

[11] **2,900,527**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) G06F 21/62 (2013.01) H04L 29/08 (2006.01)**
[25] EN
[54] **IDENTIFYING AND PREVENTING LEAKS OF SENSITIVE INFORMATION**
[54] **IDENTIFICATION ET EMPECHEMENT DE FUITES D'INFORMATIONS SENSIBLES**
[72] HURWITZ, JOSHUA B., US
[72] FU, ZHI, US
[72] KUHLMAN, DOUGLAS A., US
[73] ARRIS ENTERPRISES LLC,
[85] 2015-08-06
[86] 2014-02-07 (PCT/US2014/015331)
[87] (WO2014/124276)
[30] US (13/762,942) 2013-02-08

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[25] EN
[54] **CATALYST FOR CONVERSION OF PROPYLENE TO PRODUCT COMPRISING A CARBOXYLIC ACID MOIETY**
[54] **CATALYSEUR DESTINE A LA CONVERSION DE PROPYLENE EN UN PRODUIT COMPRENANT UNE FRACTION ACIDE CARBOXYLIQUE**
[72] IRSHAD, ZAHEER, SA
[72] KARIM, KHALID, SA
[73] SAUDI BASIC INDUSTRIES CORPORATION,
[85] 2015-08-20
[86] 2014-04-07 (PCT/IB2014/060498)
[87] (WO2014/167482)
[30] US (61/809,472) 2013-04-08

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[13] C
[51] **Int.Cl. B32B 13/04 (2006.01) C04B 35/622 (2006.01)**
[25] EN
[54] **EXTRUDED GYPSUM-BASED MATERIALS**
[54] **MATERIAUX A BASE DE GYPSE EXTRUDE**
[72] DANIELS, EVAN R., US
[72] ANDERSEN, PER JUST, DE
[73] THE INTELLECTUAL GORILLA GMBH,
[85] 2015-09-01
[86] 2014-03-05 (PCT/US2014/020865)
[87] (WO2014/138283)
[30] US (61/772,646) 2013-03-05
[30] US (61/772,648) 2013-03-05
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[13] C
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SECONDARY SEED TANK FOR AIR CART SYSTEM**
[54] **RESERVOIR DE SEMENCES SECONDAIRE POUR MECANISME DE CHARIOT A AIR**
[72] THOMPSON, DENNIS GEORGE, CA
[72] ROBERGE, MARTIN J., CA
[72] STUART, GRAHAM DOUGLAS, CA
[72] YUEN, CORY ADRIAN, CA
[72] SCHILLING, ROBIN BRUNO, CA
[72] ZACHARIAS, DARWIN L., CA
[73] CNH INDUSTRIAL CANADA, LTD.,
[86] (2904294)
[87] (2904294)
[22] 2015-09-15
[30] US (62/075,142) 2014-11-04

[11] **2,905,226**
[13] C
[51] **Int.Cl. G08G 1/14 (2006.01)**
[25] EN
[54] **METHOD FOR DISPLAYING PARKING SPACES**
[54] **PROCEDE POUR AFFICHER DES PLACES DE STATIONNEMENT**
[72] HOHENACKER, THOMAS, DE
[73] CLEVERCITI SYSTEMS GMBH,
[85] 2015-09-10
[86] 2014-03-12 (PCT/EP2014/054856)
[87] (WO2014/140109)
[30] DE (10 2013 004 493.6) 2013-03-14

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[13] C
[51] **Int.Cl. A61K 9/28 (2006.01) A61K 9/48 (2006.01) A61K 31/00 (2006.01)**
[25] EN
[54] **MESALAMINE PHARMACEUTICAL COMPOSITION WITH MULTIPLE DOSAGE ELEMENTS FOR REDUCED DELIVERY VARIABILITY**
[54] **COMPOSITION PHARMACEUTIQUE DE MESALAMINE AVEC ELEMENTS DE DOSE MULTIPLES POUR VARIABILITE D'ADMINISTRATION REDUITE**
[72] LOUGHLIN, RYAN GERALD, IE
[72] MCCULLAGH, STEPHEN, IE
[72] BOISSONNEAULT, ROGER, US
[73] WARNER CHILCOTT COMPANY, LLC,
[85] 2015-09-10
[86] 2014-03-14 (PCT/US2014/027353)
[87] (WO2014/152450)
[30] US (61/794,998) 2013-03-15

[11] **2,905,899**
[13] C
[51] **Int.Cl. E03F 5/14 (2006.01)**
[25] EN
[54] **PRECAST STORMWATER INLET FILTER AND TRAP**
[54] **FILTRE ET PIEGE PRECOULES POUR ENTREE D'EAU DE RUISSELLEMENT**
[72] LISTON, PATRICK WILLIAM, US
[73] FORTERRA PIPE & PRECAST, LLC,
[85] 2015-09-11
[86] 2014-03-13 (PCT/US2014/025576)
[87] (WO2014/159988)
[30] US (61/782,424) 2013-03-14
[30] US (14/206,154) 2014-03-12

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[13] C
[51] **Int.Cl. C09K 8/68 (2006.01) E21B 43/25 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR STIMULATING THE PRODUCTION OF HYDROCARBONS FROM SUBTERRANEAN FORMATIONS**
[54] **PROCEDES ET COMPOSITIONS POUR LA STIMULATION DE LA PRODUCTION D'HYDROCARBURES A PARTIR DE FORMATIONS SOUTERRAINES**
[72] HILL, RANDAL M., US
[72] CHAMPAGNE, LAKIA M., US
[72] LETT, NATHAN L., US
[72] GREEN, MARIA ELIZABETH, US
[72] SABOOWALA, HASNAIN, US
[73] FLOTEK CHEMISTRY, LLC,
[85] 2015-09-11
[86] 2014-03-14 (PCT/US2014/028970)
[87] (WO2014/153078)
[30] US (13/829,434) 2013-03-14
[30] US (13/829,495) 2013-03-14

[11] **2,906,171**
[13] C
[51] **Int.Cl. B29C 70/38 (2006.01)**
[25] EN
[54] **COMPOSITE MATERIAL LAY-UP EQUIPMENT**
[54] **EQUIPEMENT DE SUPERPOSITION DE MATERIAU COMPOSITE**
[72] JOHNSON, ANTHONY DALE, US
[72] COPE, RALPH DOUGLAS, US
[72] KUKON, JOHN ANTHONY, US
[72] CASE, MICHAEL JAMES, US
[72] TINGLE, JAMES, GB
[73] ROLLS-ROYCE PLC,
[85] 2015-09-14
[86] 2014-03-14 (PCT/GB2014/050817)
[87] (WO2014/140637)
[30] US (13/839,531) 2013-03-15
[30] GB (1320990.3) 2013-11-28

[11] **2,907,018**
[13] C
[51] **Int.Cl. C09D 133/10 (2006.01) C09D 5/08 (2006.01) C09D 133/12 (2006.01)**
[25] EN
[54] **INORGANIC COMPOSITE COATINGS COMPRISING NOVEL FUNCTIONALIZED ACRYLICS**
[54] **REVETEMENTS COMPOSITES INORGANIQUES COMPRENANT DE NOUVEAUX ACRYLIQUES FONCTIONNALISES**
[72] BAMMEL, BRIAN D., US
[72] MCGEE, JOHN D., US
[72] DONALDSON, GREGORY T., US
[73] HENKEL AG & CO. KGAA,
[85] 2015-09-15
[86] 2014-03-12 (PCT/IB2014/000978)
[87] (WO2014/140846)
[30] US (13/833,675) 2013-03-15

[11] **2,907,656**
[13] C
[51] **Int.Cl. E21B 33/124 (2006.01) E21B 33/127 (2006.01) E21B 33/129 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL DEVICE AND METHOD FOR USING THE SAME**
[54] **DISPOSITIF OUTIL DE FOND DE TROU ET METHODE D'UTILISATION DE CELUI-CI**
[72] BERGLAND, KENNETH, NO
[72] BAKKE, STIG, NO
[72] BERGE, THOMAS, NO
[72] BJERKESETH, STIAN, NO
[72] VAGLE, ODDBJORN, NO
[73] TARGET INTERVENTION AS,
[85] 2015-09-17
[86] 2014-03-26 (PCT/NO2014/050043)
[87] (WO2014/158028)
[30] NO (20130437) 2013-03-27

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[13] C
[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **EAR CLIP FOR MEDICAL MONITORING DEVICE**
[54] **PINCE POUR OREILLE POUR DISPOSITIF DE SURVEILLANCE MEDICALE**
[72] GAL, AVNER, IL
[72] MALKA, DAVID, IL
[72] RAVITCH, VLADIMIR, IL
[72] KLIONSKY, ALEXANDER, IL
[72] BONDAR, VITALY, IL
[73] A.D. INTEGRITY APPLICATIONS LTD.,
[85] 2015-09-11
[86] 2014-03-05 (PCT/IL2014/050218)
[87] (WO2014/141236)
[30] IL (225182) 2013-03-12

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[13] C
[51] **Int.Cl. C04B 14/10 (2006.01) C04B 14/16 (2006.01) C04B 14/18 (2006.01) C04B 14/22 (2006.01)**
[25] EN
[54] **EXTRUDED LIGHTWEIGHT THERMAL INSULATING CEMENT-BASED MATERIALS**
[54] **MATIERES A BASE DE CIMENT D'ISOLATION THERMIQUE DE POIDS LEGER EXTRUDEE**
[72] DANIELS, EVAN R., US
[72] ANDERSEN, PER JUST, DE
[73] THE INTELLECTUAL GORILLA GMBH,
[85] 2015-10-21
[86] 2014-04-24 (PCT/US2014/035277)
[87] (WO2014/176414)
[30] US (61/815,308) 2013-04-24
[30] US (61/815,328) 2013-04-24
[30] US (61/815,332) 2013-04-24
[30] US (61/820,850) 2013-05-08

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[13] C
[51] **Int.Cl. H04W 84/18 (2009.01) H04W 80/04 (2009.01) G08C 17/02 (2006.01)**
[25] EN
[54] **WIRELESS METROLOGY COMMUNICATION**
[54] **COMMUNICATION DE METROLOGIE SANS FIL**
[72] VANCE, JONATHAN B., US
[72] NGUYEN, KEN, US
[72] MARTIGNONI, ANDREW J., III, US
[72] DECK, ERIC E., US
[73] THE BOEING COMPANY,
[86] (2910845)
[87] (2910845)
[22] 2015-10-30
[30] US (14/569,570) 2014-12-12

[11] **2,912,772**
[13] C
[51] **Int.Cl. H02H 3/00 (2006.01) H01R 13/713 (2006.01) H02H 1/00 (2006.01)**
[25] EN
[54] **METHOD TO DETECT ARCING FAULTS USING SWITCHED ELEMENTS AT OUTLET**
[54] **PROCEDE POUR DETECTER DES DEFAUTS DE FORMATION D'ARC EN UTILISANT DES ELEMENTS COMMUTES A LA SORTIE**
[72] BEIERSCHMITT, JOSEPH, US
[72] SCHROEDER, JEREMY D., US
[73] SCHNEIDER ELECTRIC USA, INC.,
[85] 2015-11-17
[86] 2013-06-21 (PCT/US2013/047037)
[87] (WO2014/204485)

[11] **2,913,595**
[13] C
[51] **Int.Cl. F16H 63/30 (2006.01) F16D 25/06 (2006.01) F16D 25/0638 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ACTUATING A MECHANICAL DIODE CLUTCH ASSEMBLY**
[54] **SYSTEME ET PROCEDE PERMETTANT D'ACTIONNER UN ENSEMBLE D'EMBRAYAGE A DIODE MECANIQUE**
[72] RASZKOWSKI, JAMES, US
[72] DUNLAP, ROBERT KEITH, US
[72] TURNER, JEREMY, US
[73] ALLISON TRANSMISSION, INC.,
[85] 2015-11-23
[86] 2013-06-17 (PCT/US2013/046085)
[87] (WO2014/204427)

[11] **2,913,707**
[13] C
[51] **Int.Cl. A01G 7/00 (2006.01)**
[25] EN
[54] **V-SHAPED LIGHT DISTRIBUTOR SYSTEM**
[54] **SYSTEME REPARTITEUR DE LUMIERE EN FORME DE V**
[72] HOTTE, DENIS, CA
[72] BOUCHER, MARC-ANDRE, CA
[72] DAIGLE, MARC, CA
[72] GRENIER, PAUL, CA
[72] LAMONTAGNE, FREDERIC, CA
[72] LE BIHAN, YANN, CA
[72] LEVESQUE, MARC, CA
[73] CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC,
[73] INSTITUT NATIONAL D'OPTIQUE,
[85] 2015-11-26
[86] 2014-05-28 (PCT/IB2014/061790)
[87] (WO2014/191939)
[30] US (61/828,224) 2013-05-29

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[13] C
[51] **Int.Cl. A61B 5/107 (2006.01) A61B 5/00 (2006.01)**
[25] FR
[54] **DEVICE FOR MEASURING THE CIRCUMFERENCE OF AN OBJECT, IN PARTICULAR A LIMB**
[54] **DISPOSITIF DE MESURE DE LA CIRCONFERENCE D'UN OBJET, EN PARTICULIER D'UN MEMBRE CORPOREL**
[72] HARFOUCHE, JOSEPH, BE
[73] JUST A NEW HEALTH,
[85] 2015-11-27
[86] 2014-05-28 (PCT/EP2014/061165)
[87] (WO2014/191513)
[30] BE (2013/0380) 2013-05-30

[11] **2,914,113**
[13] C
[51] **Int.Cl. A61J 1/03 (2006.01) B65D 75/36 (2006.01)**
[25] EN
[54] **IMPROVEMENTS RELATING TO A BLISTER PACK AND ITS PRODUCTION**
[54] **AMELIORATIONS APPORTEES A UN EMBALLAGE-COQUE ET A SA PRODUCTION**
[72] STEVENS, GERARD, AU
[73] MANREX PTY LTD,
[85] 2015-12-01
[86] 2014-06-23 (PCT/AU2014/000644)
[87] (WO2014/205480)
[30] AU (2013902426) 2013-06-28

[11] **2,914,227**
[13] C
[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **METERED DOSE INHALER APPLICATOR**
[54] **APPLICATEUR D'INHALATEUR DOSEUR**
[72] ENGELBRETH, DANIEL, CA
[73] TRUDELL MEDICAL INTERNATIONAL,
[85] 2015-12-01
[86] 2014-03-11 (PCT/IB2014/000291)
[87] (WO2014/140724)
[30] US (61/781,828) 2013-03-14

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[13] C
[51] **Int.Cl. H01H 71/08 (2006.01) H01H 9/20 (2006.01) H01H 71/02 (2006.01) H02B 1/056 (2006.01)**
[25] EN
[54] **PLUG-ON NEUTRAL CONNECTION**
[54] **CONNEXION DE NEUTRE ENFICHABLE**
[72] PEARSON, DAVID R., US
[72] POTRATZ, JASON, US
[73] SCHNEIDER ELECTRIC USA, INC.,
[85] 2015-12-09
[86] 2013-06-27 (PCT/US2013/048270)
[87] (WO2014/209325)

[11] **2,915,406**
[13] C
[51] **Int.Cl. H01L 21/56 (2006.01) H01L 23/49 (2006.01) H01L 23/50 (2006.01) H01L 23/66 (2006.01)**
[25] EN
[54] **A SUBSTRATE LESS DIE PACKAGE HAVING WIRES WITH DIELECTRIC AND METAL COATINGS AND THE METHOD OF MANUFACTURING THE SAME**
[54] **BOITIER DE PUCE SANS SUBSTRAT AYANT DES FILS A REVETEMENTS DIELECTRIQUE ET METALLIQUE ET SON PROCEDE DE FABRICATION**
[72] CAHILL, SEAN S., US
[72] SANJUAN, ERIC A., US
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG,
[85] 2015-12-14
[86] 2014-07-02 (PCT/EP2014/001822)
[87] (WO2015/000593)
[30] US (61/842,950) 2013-07-03

[11] **2,918,026**
[13] C
[51] **Int.Cl. E03C 1/04 (2006.01) F16K 31/02 (2006.01)**
[25] EN
[54] **PULLDOWN KITCHEN FAUCET SPRING SPOUT**
[54] **BEC VERSEUR A RESSORT POUR ROBINET DE CUISINE A LEVIER ABAISSANT**
[72] FOURMAN, TERRENCE L., US
[72] MOORE, JEFFREY L., US
[72] DAVIDSON, KYLE R., US
[72] SCHNEIDER, RANDY L., US
[72] SAWASKI, JOEL D., US
[72] NELSON, ALFRED C., US
[73] DELTA FAUCET COMPANY,
[86] (2918026)
[87] (2918026)
[22] 2016-01-18
[30] US (62/107,730) 2015-01-26
[30] US (14/996,974) 2016-01-15

[11] **2,919,067**
[13] C
[51] **Int.Cl. B60R 9/048 (2006.01) B60R 9/10 (2006.01) F16B 2/10 (2006.01) F16B 31/02 (2006.01) F16B 37/08 (2006.01) G05G 1/08 (2006.01)**
[25] EN
[54] **CLAMPING JAW FOR A SUPPORT ASSEMBLY FOR A BICYCLE CARRIER**
[54] **MACHOIRE DE SERRAGE POUR UN ENSEMBLE DE SUPPORT POUR UN PORTE-BICYCLETTE**
[72] ZANDER, PATRIK, SE
[72] SJODELL, ANDERS, SE
[73] THULE SWEDEN AB,
[85] 2016-01-22
[86] 2014-06-03 (PCT/EP2014/061487)
[87] (WO2015/028161)
[30] EP (13181828.8) 2013-08-27

[11] **2,919,368**
[13] C
[51] **Int.Cl. H02J 3/18 (2006.01) H02J 3/38 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING WIND POWER PLANTS**
[54] **PROCEDE DE COMMANDE D'EOLIENNES**
[72] BEEKMANN, ALFRED, DE
[73] WOBBEN PROPERTIES GMBH,
[85] 2016-01-26
[86] 2014-07-15 (PCT/EP2014/065138)
[87] (WO2015/018612)
[30] DE (10 2013 215 398.8) 2013-08-06

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[13] C
[51] **Int.Cl. G01F 23/292 (2006.01) G01H 9/00 (2006.01)**
[25] EN
[54] **METHOD FOR MONITORING A WELL OR A RESERVOIR CONTAINING A FLUID, AND APPARATUS FOR USING THE SAME**
[54] **METHODE DE SURVEILLANCE D'UN PUITS OU D'UN RESERVOIR CONTENANT UN FLUIDE, ET APPAREIL POUR L'UTILISER**
[72] ALLANIC, CHRISTOPHE, FR
[72] FRANGEUL, JOHANN, FR
[72] FAUGERAS, XAVIER, FR
[72] TOGUEM NGUETE, EMMANUEL, FR
[73] TOTAL SA,
[85] 2016-02-15
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[51] **Int.Cl. B27K 3/36 (2006.01)**
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[54] **PROCESS FOR WOOD ACETYLATION AND PRODUCT THEREOF**
[54] **PROCEDE D'ACETYLATION DE BOIS ET PRODUIT CORRESPONDANT**
[72] GIROTRA, KAPIL, NL
[73] TITAN WOOD LIMITED,
[86] (2921442)
[87] (2921442)
[22] 2009-01-30
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[13] C
[51] **Int.Cl. F02C 7/24 (2006.01) F01D 11/08 (2006.01)**
[25] EN
[54] **SYSTEM FOR THERMALLY SHIELDING A PORTION OF A GAS TURBINE SHROUD ASSEMBLY**
[54] **SYSTEME DE PROTECTION THERMIQUE D'UNE PARTIE D'UN ASSEMBLAGE D'ENVELOPPE DE TURBINE A GAZ**
[72] BOGARD, JUSTIN H., US
[72] SHAPIRO, JASON DAVID, US
[73] GENERAL ELECTRIC COMPANY,
[86] (2922517)
[87] (2922517)
[22] 2016-03-03
[30] US (14/708,385) 2015-05-11

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[25] EN
[54] **A COMBINATION OF A WHEEL CENTER CAP AND A HUB CENTERING RING**
[54] **COMBINAISON D'UN CHAPEAU CENTRAL DE ROUE ET D'UNE BAGUE DE CENTRAGE DE MOYEU**
[72] HUUSMANN, CASPER, DK
[73] EAST SCANDIC A/S,
[85] 2016-03-16
[86] 2013-09-19 (PCT/EP2013/002831)
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[51] **Int.Cl. C12C 3/08 (2006.01) C12C 3/10 (2006.01)**
[25] EN
[54] **FRACTIONATION OF HOP OILS USING LIQUID AND SUPERCRITICAL CARBON DIOXIDE.**
[54] **FRACTIONNEMENT D'HUILES ESSENTIELLES DE HOUBLON FAISANT APPEL A DU DIOXYDE DE CARBONE LIQUIDE ET SUPERCRITIQUE.**
[72] MARRIOTT, RAYMOND, GB
[73] TOTALLY NATURAL SOLUTIONS LTD,
[85] 2016-03-17
[86] 2014-10-23 (PCT/EP2014/025009)
[87] (WO2015/062745)
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[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **SERVER AND METHOD FOR SECURE AND ECONOMICAL SHARING OF DATA**
[54] **SERVEUR ET PROCEDE DE PARTAGE SECURISE ET ECONOMIQUE DE DONNEES**
[72] ALI, ASAD MAHBOOB, FR
[72] SEGURA, ELLA, FR
[73] GEMALTO SA,
[85] 2016-04-04
[86] 2014-10-21 (PCT/EP2014/072498)
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[51] **Int.Cl. E03F 5/22 (2006.01) E03F 5/10 (2006.01)**
[25] EN
[54] **WASTEWATER PUMPING STATION**
[54] **STATION DE RELEVAGE D'EAUX USEES**
[72] BECKER, MICHAEL, DE
[72] MULLER, ENRICO, DE
[72] PENSLER, THOMAS, DE
[72] ULMSCHNEIDER, MAIK, DE
[73] KSB SE & CO. KGAA,
[85] 2016-04-08
[86] 2014-10-10 (PCT/EP2014/071728)
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[30] DE (10 2013 221 080.9) 2013-10-17

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[51] **Int.Cl. C11D 3/10 (2006.01) C11D 1/66 (2006.01)**
[25] EN
[54] **USE OF AMINO CARBOXYLATE FOR ENHANCING METAL PROTECTION IN ALKALINE DETERGENTS**
[54] **UTILISATION DE CARBOXYLATE AMINE DANS DES DETERGENTS ALCALINS POUR ACCROITRE LA PROTECTION DE METAUX**
[72] SANDERS, LISA MAUREEN, US
[72] JENSEN, ANDREW M., US
[72] HODGSON, KRISTOPHER, US
[73] ECOLAB USA INC.,
[85] 2016-04-27
[86] 2014-10-23 (PCT/US2014/061939)
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[30] US (14/065,504) 2013-10-29

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[51] **Int.Cl. E21B 44/02 (2006.01)**
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[54] **METHOD, SYSTEM, AND MEDIUM FOR CONTROLLING RATE OF PENETRATION OF A DRILL BIT**
[54] **METHODE, SYSTEME ET SUPPORT DE CONTROLE DE TAUX DE PENETRATION D'UN FORET**
[72] HOLT, TREVOR LEIGH, CA
[72] WILSON, THOMAS WILLIAM CHARLES, CA
[72] HEPBURN, QUINN HARRISON, CA
[73] PASON SYSTEMS CORP.,
[86] (2930320)
[87] (2930320)
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[51] **Int.Cl. D04H 1/42 (2012.01) D04H 1/4266 (2012.01) D04H 1/4309 (2012.01) D04H 3/011 (2012.01) B41M 1/30 (2006.01) C11D 17/04 (2006.01) D06P 5/00 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURES INCLUDING AN ACTIVE AGENT AND HAVING A GRAPHIC PRINTED THEREON**
[54] **STRUCTURES FIBREUSES COMPRENANT UN AGENT ACTIF ET PRESENTANT UN GRAPHIQUE IMPRIME SUR CELLES-CI**
[72] WEISMAN, PAUL THOMAS, US
[72] YANG, HUI, US
[72] WARNER, ALRICK VINCENT, US
[72] DREHER, ANDREAS JOSEF, US
[72] SIVIK, MARK ROBERT, US
[73] THE PROCTER & GAMBLE COMPANY,
[85] 2016-05-27
[86] 2014-12-02 (PCT/US2014/068143)
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[25] EN
[54] **DRIVING SYSTEM FOR VEHICLE**
[54] **DISPOSITIF D'ENTRAINEMENT POUR VEHICULE DE TRANSPORT**
[72] HIRAMATSU, NOBUYUKI, JP
[72] NAKAYAMA, SHIGERU, JP
[72] OOISO, KEIICHI, JP
[73] HONDA MOTOR CO., LTD.,
[85] 2016-06-15
[86] 2014-12-22 (PCT/JP2014/083921)
[87] (WO2015/098845)
[30] JP (2013-265801) 2013-12-24

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[51] **Int.Cl. B67D 7/34 (2010.01) B67D 1/00 (2006.01)**
[25] EN
[54] **LOW COST RADIO FREQUENCY IDENTIFICATION (RFID) DISPENSING SYSTEMS**
[54] **SYSTEMES DE DISTRIBUTION D'IDENTIFICATION RADIOFREQUENCE (RFID) DE FAIBLE COUT**
[72] WEGELIN, JACKSON, US
[72] REYNOLDS, AARON, US
[72] CURTIS, CHIP, US
[73] GOJO INDUSTRIES, INC.,
[86] (2934577)
[87] (2934577)
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[25] EN
[54] **COLD PRESSURE FIX TONER COMPOSITIONS BASED ON CRYSTALLINE POLYESTER AND AMORPHOUS ORGANIC COMPOUND MIXTURES**
[54] **COMPOSITIONS D'ENCRE SECHE DE FIXATION PAR PRESSION A FROID FONDEES SUR DES MELANGES DE POLYESTER CRISTALLIN ET DE COMPOSE ORGANIQUE AMORPHE**
[72] VEREGIN, RICHARD PHILIP NELSON, CA
[72] HU, NAN-XING, CA
[72] SACRIPANTE, GUERINO G., CA
[72] MOFFAT, KAREN A., CA
[72] BELELIE, JENNIFER L., CA
[73] XEROX CORPORATION,
[86] (2935287)
[87] (2935287)
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[51] **Int.Cl. A63F 13/00 (2014.01) A63F 13/80 (2014.01) G07F 17/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SUPPORTING A PLURALITY OF CONSUMERS IN A CONSUMER GAME SESSION**
[54] **SYSTEME ET METHODE DE SOUTIEN D'UNE PLURALITE DE CLIENTS DANS UNE SESSION DE JEU DE CLIENT**
[72] SKOLER, FREDERICK, US
[73] TRANSFORM SR BRANDS, LLC,
[85] 2016-06-28
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[51] **Int.Cl. G06F 16/901 (2019.01) G06F 16/903 (2019.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING A PLURALITY OF INDEXED DATA FIELDS**
[54] **PROCEDE ET APPAREIL POUR GENERER UNE PLURALITE DE CHAMPS DE DONNEES INDEXES**
[72] ZAK, EMIL, DE
[72] LIANG, BIAO, DE
[73] HUAWEI TECHNOLOGIES CO., LTD.,
[85] 2016-07-12
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[25] EN
[54] **NOVEL IMMUNOTHERAPY AGAINST SEVERAL TUMORS INCLUDING NEURONAL AND BRAIN TUMORS**
[54] **NOUVELLE IMMUNOTHERAPIE DIRIGEE CONTRE PLUSIEURS TUMEURS, Y COMPRIS DES TUMEURS NEURONALES ET CEREBRALES**
[72] SCHOOR, OLIVER, DE
[72] HILF, NORBERT, DE
[72] WEINSCHENK, TONI, DE
[72] TRAUTWEIN, CLAUDIA, DE
[72] WALTER, STEFFEN, DE
[72] SINGH, HARPREET, DE
[73] IMMATICS BIOTECHNOLOGIES GMBH,
[86] (2936887)
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[51] **Int.Cl. G06F 21/60 (2013.01)**
[25] EN
[54] **CREATING A SINGLE PLAYLIST WITH MULTIPLE AUTHORS**
[54] **CREATION D'UNE LISTE DE LECTURE UNIQUE A PLUSIEURS AUTEURS**
[72] SANIO, JASON ROBERT RICHARD, US
[72] HAMPSON, COURTNEY, US
[73] GOOGLE LLC,
[85] 2016-07-19
[86] 2015-01-22 (PCT/US2015/012492)
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[51] **Int.Cl. A01K 43/00 (2006.01) A47J 29/06 (2006.01) B65B 23/08 (2006.01)**
[25] EN
[54] **EGG LIFTING DEVICE, AND ASSOCIATED SYSTEMS AND METHODS**
[54] **DISPOSITIF DE LEVAGE D'□UF, ET SYSTEMES ET PROCEDES ASSOCIES**
[72] SUH, WILLIAM DONGWOOK, US
[73] ZOETIS SERVICES LLC,
[85] 2016-07-18
[86] 2015-02-06 (PCT/US2015/014754)
[87] (WO2015/120230)
[30] US (61/937,722) 2014-02-10
[30] US (62/094,301) 2014-12-19

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[25] EN
[54] **REINFORCED ORGANIC NATURAL FIBER COMPOSITES**
[54] **COMPOSITES EN FIBRES NATURELLES ORGANIQUES RENFORCES**
[72] JONCHERAY, THOMAS JULIEN, BE
[72] VANDENBROECK, JAN, BE
[73] HUNTSMAN INTERNATIONAL LLC,
[85] 2016-07-22
[86] 2014-12-11 (PCT/EP2014/077315)
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[30] EP (14162187.0) 2014-03-28

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[51] **Int.Cl. A01K 1/03 (2006.01) A01K 1/00 (2006.01) A01K 1/02 (2006.01) A01K 31/00 (2006.01) A45F 5/00 (2006.01)**
[25] EN
[54] **PET CARRIER ACCESS PORTAL**
[54] **PORTE D'ACCES A UNE CAGE POUR ANIMAL**
[72] MIRSKY, JONATHAN, US
[73] MIRSKY, JONATHAN,
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[87] (2938276)
[22] 2006-03-13
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[30] US (11/080,320) 2005-03-15

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[51] **Int.Cl. E21B 47/12 (2012.01) G01V 1/40 (2006.01)**
[25] EN
[54] **WELL TOOLS WITH VIBRATORY TELEMETRY TO OPTICAL LINE THEREIN**
[54] **OUTILS DE PUITS AYANT UNE TELEMETRIE VIBRATOIRE VERS UNE LIGNE OPTIQUE A L'INTERIEUR DE CES DERNIERS**
[72] SAMSON, ETIENNE M., US
[72] SKINNER, NEAL G., US
[72] RICHARDS, WILLIAM MARK, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2016-08-02
[86] 2014-03-24 (PCT/US2014/031626)
[87] (WO2015/147791)

[11] **2,938,648**
[13] C
[51] **Int.Cl. B23K 9/10 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **INVERTER-BASED GENERATOR AND WELDING SYSTEM**
[54] **GENERATEUR REPOSANT SUR UN ONDULEUR ET SYSTEME DE SOUDAGE**
[72] ROZMARYNOWSKI, SCOTT RYAN, US
[72] SICKELS, DARRELL LEE, US
[73] HOBART BROTHERS COMPANY,
[85] 2016-08-03
[86] 2015-01-06 (PCT/US2015/010250)
[87] (WO2015/147953)
[30] US (14/229,353) 2014-03-28

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[13] C
[51] **Int.Cl. H01R 43/00 (2006.01) H02G 1/02 (2006.01)**
[25] EN
[54] **ELECTRICAL TRANSMISSION LINE REPAIR APPARATUS**
[54] **APPAREIL DE REPARATION D'UNE LIGNE DE TRANSMISSION ELECTRIQUE**
[72] TAMM, CARL RUSSEL, US
[73] CLASSIC CONNECTORS,
[85] 2016-08-11
[86] 2015-02-11 (PCT/US2015/015361)
[87] (WO2015/123260)
[30] US (61/938,194) 2014-02-11

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[13] C
[51] **Int.Cl. G01G 19/08 (2006.01)**
[25] EN
[54] **FORKLIFT SCALE, LOAD CELL THEREOF AND METHOD OF MEASURING A FORKLIFT LOAD**
[54] **BALANCE DE CHARIOT A FOURCHE, SA CELLULE DE CHARGE ET PROCEDE DE MESURE D'UNE CHARGE DE CHARIOT A FOURCHE**
[72] SANTI, LARRY D., US
[73] SANTI, LARRY D.,
[85] 2016-08-17
[86] 2014-03-14 (PCT/US2014/029031)
[87] (WO2014/153094)
[30] US (61/785,316) 2013-03-14

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[13] C
[51] **Int.Cl. F04D 29/32 (2006.01) F04D 29/16 (2006.01) F04D 29/66 (2006.01)**
[25] EN
[54] **BLOWER FAN WITH BLADE RING**
[54] **VENTILATEUR DE SOUFFLANTE A BAGUE DE PALE**
[72] KONDOU, TOSHIKATSU, JP
[72] KAMIYA, YOUHEI, JP
[72] KAMIYA, MASARU, JP
[72] MIYAMOTO, TAKESHI, JP
[72] MATSUKAWA, MASASHI, JP
[72] KONDOH, ISAO, JP
[72] ITO, TAKASHI, JP
[72] TAKEUCHI, KAZUHIRO, JP
[73] DENSO CORPORATION,
[85] 2016-08-19
[86] 2015-02-20 (PCT/JP2015/000806)
[87] (WO2015/125486)
[30] JP (2014-031517) 2014-02-21

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[13] C
[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **REFOCUSABLE LENS SYSTEM WITH MUTUALLY-APPLANATING INTERNAL SURFACES**
[54] **SYSTEME DE LENTILLE RE-FOCALISABLE AYANT DES SURFACES INTERNES A APLANATION MUTUELLE**
[72] MCCAFFERTY, SEAN J., US
[73] CONEXUS LENS, INC.,
[85] 2016-08-26
[86] 2014-08-08 (PCT/US2014/050318)
[87] (WO2015/134058)
[30] US (61/949,268) 2014-03-07
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[51] **Int.Cl. H04W 52/02 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ACTIVATING AND DEACTIVATING MULTIPLE SECONDARY CELLS**
[54] **SYSTEME ET METHODE D'ACTIVATION ET DE DESACTIVATION DE MULTIPLES CELLULES SECONDAIRES**
[72] KAZMI, MUHAMMAD, SE
[72] SIOMINA, IANA, SE
[72] CALLENDER, CHRISTOPHER, GB
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL),
[85] 2016-09-07
[86] 2015-02-19 (PCT/SE2015/050195)
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[30] US (61/969,704) 2014-03-24

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[13] C
[51] **Int.Cl. H02S 40/30 (2014.01) H02S 40/32 (2014.01) H02J 3/38 (2006.01) H02M 3/00 (2006.01)**
[25] EN
[54] **HIGH EFFICIENCY INTERLEAVED SOLAR POWER SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION ELECTRIQUE SOLAIRE ENTRELACE DE HAUT RENDEMENT**
[72] LEDENEV, ANATOLI, US
[73] AMPT, LLC,
[85] 2016-09-09
[86] 2013-03-15 (PCT/US2013/032410)
[87] (WO2014/143021)

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[51] **Int.Cl. H04N 19/30 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR VIDEO CODING AND DECODING**
[54] **PROCEDE ET APPAREIL DE CODAGE ET DE DECODAGE VIDEO**
[72] HANNUKSELA, MISKA, FI
[73] NOKIA TECHNOLOGIES OY,
[85] 2016-09-14
[86] 2015-02-16 (PCT/FI2015/050093)
[87] (WO2015/140391)
[30] US (61/954,270) 2014-03-17

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[51] **Int.Cl. G01V 1/28 (2006.01) G01V 1/16 (2006.01) G01V 1/30 (2006.01)**
[25] EN
[54] **BIN CONSTRAINTS FOR GENERATING A HISTOGRAM OF MICROSEISMIC DATA**
[54] **CONTRAINTES DE PLATEAU POUR LA GENERATION D'UN HISTOGRAMME DE DONNEES MICROSISMIQUES**
[72] SHETTY, DINESH ANANDA, US
[72] LIN, AVI, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2016-09-19
[86] 2014-04-30 (PCT/US2014/036067)
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[13] C
[51] **Int.Cl. C09K 5/04 (2006.01)**
[25] EN
[54] **GEL COMPRISING A PHASE-CHANGE MATERIAL, METHOD OF PREPARING THE GEL, THERMAL EXCHANGE IMPLEMENT COMPRISING THE GEL**
[54] **GEL COMPRENANT UN MATERIAU A CHANGEMENT DE PHASE, PROCEDE DE PREPARATION DUDIT GEL, ET USTENSILE D'ECHANGE THERMIQUE COMPRENANT LE GEL**
[72] FORMATO, RICHARD M., US
[72] BAKLLAS, DIMITRIOS P., US
[72] BISWAL, AMRUT N., US
[73] COLD CHAIN TECHNOLOGIES, INC.,
[85] 2016-09-20
[86] 2015-03-26 (PCT/US2015/022626)
[87] (WO2015/148748)
[30] US (14/225,589) 2014-03-26

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[13] C
[51] **Int.Cl. B64D 29/04 (2006.01) B64C 7/02 (2006.01) B64D 27/14 (2006.01) B64D 29/06 (2006.01)**
[25] EN
[54] **AFT ENGINE FOR AN AIRCRAFT**
[54] **MOTEUR ARRIERE D'UN AERONEF**
[72] BECKER, THOMAS LEE, US
[72] MURROW, KURT DAVID, US
[72] MARRINAN, PATRICK MICHAEL, US
[72] MILLER, BRANDON WAYNE, US
[73] GENERAL ELECTRIC COMPANY,
[86] (2943469)
[87] (2943469)
[22] 2016-09-29
[30] US (14/879,217) 2015-10-09

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[13] C
[51] **Int.Cl. G06N 10/00 (2019.01) H01L 39/22 (2006.01) H03K 19/195 (2006.01)**
[25] EN
[54] **CHIP INCLUDING CLASSICAL AND QUANTUM COMPUTING PROCESSERS**
[54] **PUCES COMPRENANT DES PROCESSEURS INFORMATIQUES CLASSIQUE ET QUANTIQUE**
[72] MOHSENI, MASOUD, US
[72] NEVEN, HARTMUT, US
[73] GOOGLE LLC,
[85] 2016-09-21
[86] 2015-03-23 (PCT/US2015/022035)
[87] (WO2015/143439)
[30] US (61/968,993) 2014-03-21

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[13] C
[51] **Int.Cl. B62K 11/02 (2006.01) B62J 15/00 (2006.01) B62K 19/30 (2006.01)**
[25] EN
[54] **SADDLE TYPE VEHICLE WITH CO-FASTENED CUSHION BRACKET AND FENDER FRAME**
[54] **VEHICULE DE TYPE A SELLETTE DOTE D'UN SUPPORT DE COUSSIN ET D'UNE STRUCTURE DE GARDE-BOUE CO-FIXES**
[72] KOISHIKAWA, TAKUMA, JP
[72] HIGASHIJIMA, YOSHIKI, JP
[72] SAKAI, TORU, JP
[73] HONDA MOTOR CO., LTD.,
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[54] **SYSTEME DE COMMANDE DE LUBRIFICATION**
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[73] ALFA LAVAL CORPORATE AB,
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[25] EN
[54] **METHOD OF PREPARING CELLS FOR 3D TISSUE CULTURE**
[54] **PROCEDE DE PREPARATION DE CELLULES POUR UNE CULTURE DE TISSU 3D**
[72] MESSNER, SIMON, CH
[72] MORITZ, WOLFGANG, CH
[72] LICHTENBERG, JAN, CH
[72] KELM, JENS M., CH
[73] INSPHERO AG,
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[54] **SYSTEM FOR CLOSED TRANSFER OF FLUIDS**
[54] **SYSTEME POUR LE TRANSFERT FERME DE FLUIDES**
[72] SANDERS, LAURIE, US
[72] ZACHEK, MATTHEW, US
[73] BECTON DICKINSON AND COMPANY LIMITED,
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[54] **IDENTIFICATION OF WEAK ZONES IN ROTARY DRILL BITS DURING OFF-CENTER ROTATION**
[54] **IDENTIFICATION DE ZONES FAIBLES DANS DES TREPANS DE FORAGE ROTATIFS PENDANT LA ROTATION DECENTREE**
[72] CHEN, SHILIN, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2016-10-27
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[54] **APPARATUS AND METHOD FOR PERFORMING A VARIABLE DATA CAPTURE PROCESS**
[54] **APPAREIL ET PROCEDE POUR REALISER UN PROCESSUS DE CAPTURE DE DONNEES VARIABLE**
[72] HAIST, PAUL D., CA
[72] ARNOLD, SCOTT A., CA
[72] MARSHALL, GRAHAM G., US
[72] TSIOPANOS, KONSTANTINOS D., US
[73] SYMBOL TECHNOLOGIES, LLC,
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[54] **HTERT SEQUENCES AND METHODS FOR USING THE SAME**
[54] **SEQUENCES HTERT ET METHODES D'UTILISATION ASSOCIEES**
[72] WEINER, DAVID B., US
[72] YAN, JIAN, US
[73] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA,
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[25] EN
[54] **PROCESS FOR PURIFYING (HYDRO)FLUOROPROPENES CONTAMINATED WITH HALOGENATED ETHANE**
[54] **PROCEDE DE PURIFICATION DE (HYDRO)FLUOROPROPENES CONTAMINES PAR DE L'ETHANE HALOGENE**
[72] SHARRATT, ANDREW, GB
[72] LOW, ROBERT, GB
[73] MEXICHEM FLUOR S.A. DE C.V.,
[85] 2016-11-25
[86] 2015-06-09 (PCT/GB2015/051671)
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[54] **A METHOD OF FORMING A PACKAGED PERSONAL CARE COMPOSITION**
[54] **UNE METHODE DE FORMATION D'UNE COMPOSITION DE SOIN PERSONNEL EMBALLEE**
[72] CETTI, JONATHAN ROBERT, US
[72] DIHORA, JITEN ODHAVJI, US
[72] WITT, STEVEN EDWARD, US
[72] HENLEY, ERIC SHANE, US
[73] THE PROCTER & GAMBLE COMPANY,
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[54] **POWER MACHINE ROTOR BLADE WITH BULGES**
[54] **AUBE DE ROTOR DE MACHINE ELECTRIQUE COMPORTANT DES BOSSES**
[72] LIU, HAO, JP
[72] FUJII, TAKEO, JP
[72] YOSHIMURA, RYOSUKE, JP
[73] TERAL INC.,
[85] 2016-12-05
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[54] **MOBILE DEVICE-RELATED MEASURES OF AFFINITY**
[54] **MESURES D'AFFINITE CONCERNANT UN DISPOSITIF MOBILE**
[72] MATUS, JONATHAN ARIE, US
[73] FACEBOOK, INC.,
[86] (2951414)
[87] (2951414)
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[54] **GLOVE INTERMEDIATE MEMBRANE HAVING MOISTURE PERMEABILITY AND WATERPROOF FUNCTIONS AND TO BE SIMULTANEOUSLY COUPLED TO OUTER SHELL AND INNER LINER, GLOVES USING SAME, AND MANUFACTURING METHOD THEREFOR**
[54] **MEMBRANE INTERMEDIAIRE DE GANT AYANT DES FONCTIONS DE PERMEABILITE A L'HUMIDITE ET D'IMPERMEABILITE A L'EAU ET A COUPLER SIMULTANEMENT A UNE ETOFFE EXTERIEURE ET UNE DOUBLURE INTERIEURE, GANTS UTILISANT CELLE-CI, ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] KIM, JOO IN, KR
[72] KIM, SHI YUK, KR
[73] SEES GLOBAL INC.,
[85] 2016-12-19
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[54] **HEAT EXCHANGER INCLUDING COIL END CLOSE-OFF COVER**
[54] **ECHANGEUR THERMIQUE COMPORTANT UN COUVERCLE DE FERMETURE D'EXTREMITE DE SERPENTIN**
[72] REDE, JACOB J., US
[73] HUSSMANN CORPORATION,
[86] (2953965)
[87] (2953965)
[22] 2017-01-09
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[25] EN
[54] **METHOD OF COLOR-DYEING A LENS FOR GOGGLES AND GLASSES**
[54] **PROCEDE DE COLORATION D'UN VERRE DE LUNETTES (PROTECTRICES)**
[72] PADOVANI, ROBERTO, IT
[72] TERZI, DAVIDE, IT
[72] GLOGE, THOMAS, DE
[72] UHL, EBERHARD, DE
[73] CARL ZEISS VISION ITALIA S.P.A.,
[73] CARL ZEISS VISION INTERNATIONAL GMBH,
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[54] **CHARGING DEVICE FOR AN ELECTRICALLY CHARGEABLE VEHICLE**
[54] **DISPOSITIF DE CHARGE POUR UN VEHICULE ELECTRIQUE RECHARGEABLE**
[72] BUHS, FLORIAN, DE
[72] LASKE, ANDREAS, DE
[72] ROMPE, ANDRE, DE
[73] SIEMENS MOBILITY GMBH,
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[86] 2015-07-03 (PCT/EP2015/065172)
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[54] **ARTICLE COMPRENANT UN REVETEMENT BARRIERE ENVIRONNEMENTALE**
[72] WAN, JULIN, US
[73] GENERAL ELECTRIC COMPANY,
[85] 2017-01-19
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[54] **HEEL UNIT FOR A TOURING SKI-BINDING**
[54] **MODULE DE TALON DESTINE A UNE FIXATION DE SKI DE FOND**
[72] STEINKE, MARKUS, DE
[72] KREUZINGER, MICHAEL, DE
[73] STEINKE, MARKUS,
[86] (2955725)
[87] (2955725)
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[25] EN
[54] **SYSTEM AND METHOD FOR POSITION AND ORIENTATION DETECTION OF A DOWNHOLE DEVICE**
[54] **SYSTEME ET PROCEDE PERMETTANT LA DETECTION DE LA POSITION ET DE L'ORIENTATION D'UN DISPOSITIF DE FOND DE PUITS**
[72] BORG, EIRIK, NO
[73] HUYGENS AS,
[85] 2017-01-30
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[25] EN
[54] **A RESISTOR, A HEAT DISSIPATER AND A COMBINATORY DEVICE OF RESISTOR AND HEAT DISSIPATER**
[54] **UNE RESISTANCE, UN DISSIPATEUR THERMIQUE ET UN DISPOSITIF COMBINATOIRE DE RESISTANCE ET DISSIPATEUR THERMIQUE**
[72] FANG, TAIXUN, CN
[72] ZHANG, XIANG, CN
[72] LIU, LEI, CN
[72] LI, ZHAO, CN
[72] ZHANG, GUANGTAI, CN
[72] DING, FENGFENG, CN
[72] ZHANG, HUILIANG, CN
[73] NR ELECTRIC CO., LTD,
[73] NR ENGINEERING CO., LTD,
[73] NR ELECTRIC POWER ELECTRONICS CO., LTD.,
[85] 2017-02-23
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[25] EN
[54] **POLYTHIOETHER SEALANTS WITH ENHANCED THERMAL RESISTANCE**
[54] **PRODUITS D'ETANCHEITE A BASE DE POLYTHIOETHER DOTES D'UNE RESISTANCE THERMIQUE AMELIOREE**
[72] CAI, JUEXIAO, US
[72] SERRANO, EMILIA, US
[72] VIRNELSON, BRUCE, US
[72] LIN, RENHE, US
[73] PRC-DESOTO INTERNATIONAL, INC.,
[85] 2017-02-24
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[54] **AUDIO PARAMETER QUANTIZATION**
[54] **QUANTIFICATION DE PARAMETRE AUDIO**
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[72] VASILACHE, ADRIANA, FI
[72] LAAKSONEN, LASSE JUHANI, FI
[73] NOKIA TECHNOLOGIES OY,
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[54] **CUSTOMIZABLE PLANT GROWING SYSTEM**
[54] **SYSTEME DE CULTURE DE PLANTES SUR MESURE**
[72] MACKUGLER, CAMERON, US
[73] CLOUDFARM INC.,
[85] 2017-02-27
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[54] **CURABLE COMPOSITION AND RESIN FOR TREATMENT OF A SUBTERRANEAN FORMATION**
[54] **COMPOSITION DURCISSABLE ET RESINE POUR LE TRAITEMENT D'UNE FORMATION SOUTERRAINE**
[72] HUNDT, GREG ROBERT, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
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[54] **PRESSURE-SENSITIVE ADHESIVES FOR BONDING FLEXIBLE PRINTING PLATES**
[54] **ADHESIFS SENSIBLES A LA PRESSION SERVANT A RELIER DES PLAQUES D'IMPRESSION FLEXIBLES**
[72] PUTZ, BENJAMIN, DE
[72] THEBUD, NILS, DE
[72] WIEGHARDT, LISA, DE
[73] TESA SE,
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[87] (2964549)
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[54] **IMPACT ABSORBING MEMBER**
[54] **ELEMENT D'ABSORPTION D'IMPACT**
[72] SAWA, YASUNORI, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] HAMADA, KOICHI, JP
[72] ITO, YASUNORI, JP
[72] YOSHIDA, HIROSHI, JP
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[54] **METHOD, LINEAR DRIVE AND INSTALLATION**
[54] **METHODE, ENTRAINEMENT LINEAIRE ET INSTALLATION**
[72] ALBERT, FABIAN, DE
[72] HARTRAMPH, RALF, DE
[72] HOFMANN, CHRIS, DE
[72] JANTSCH, MICHAEL, DE
[72] ROTHE, SVEN, DE
[72] SPINDLER, CARSTEN, DE
[72] VEIT, ANDREAS, DE
[73] SIEMENS AKTIENGESELLSCHAFT,
[73] FESTO AG & CO. KG,
[86] (2964903)
[87] (2964903)
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[54] **MEDICINE DISPENSING SYSTEM AND MEDICINE DISPENSING DEVICE**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT, ET DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
[72] YASUNAGA, ITSUO, JP
[72] ASAOKA, CHISEI, JP
[72] OIKE, NORIFUMI, JP
[72] KAMINISHI, KENSUKE, JP
[72] KASUYA, MASAHIKO, JP
[72] TAKEDA, NAKAJI, JP
[72] TSUDA, HIROMICHI, JP
[72] MORITA, YASUYUKI, JP
[72] TAIRA, SHINYA, JP
[72] SUGIMOTO, TOMOHIRO, JP
[72] TOYOTA, NAOMICHI, JP
[73] YUYAMA MFG. CO., LTD.,
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[54] **DRILLING TOOL BEARING AND DRIVETRAIN ASSEMBLY**
[54] **ENSEMBLE PALIERS ET TRANSMISSION D'UN OUTIL DE FORAGE**
[72] SAVAGE, JOHN KEITH, CA
[72] BELL, STEVEN GRAHAM, CA
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-04-26
[86] 2014-12-12 (PCT/US2014/069978)
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[51] **Int.Cl. B41J 3/407 (2006.01) B41F 17/00 (2006.01) B41J 2/01 (2006.01)**
[25] EN
[54] **SYSTEM FOR PRINTING ON THREE-DIMENSIONAL (3D) OBJECTS**
[54] **SYSTEME D'IMPRESSION SUR DES OBJETS TRIDIMENSIONNELS (3D)**
[72] BUCHAR, WAYNE A., US
[72] SPENCE, JAMES J., US
[72] ELLIOT, JACK G., US
[72] LEO, MICHAEL F., US
[73] XEROX CORPORATION,
[86] (2966059)
[87] (2966059)
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[25] EN
[54] **SYSTEMS AND METHODS FOR RECYCLING CONSUMER ELECTRONIC DEVICES**
[54] **SYSTEMES ET PROCEDES POUR RECYCLER DES DISPOSITIFS ELECTRONIQUES GRAND PUBLIC**
[72] BOWLES, MARK VINCENT, US
[72] LIBRIZZI, MICHAEL, US
[72] PLOETNER, JEFFREY, US
[72] BEANE, JOHN ANDREW, US
[72] ROSSER, ERIC, US
[73] ECOATM, LLC,
[85] 2017-04-28
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[30] US (62/073,840) 2014-10-31

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[54] **OFF-ROAD ROLLING FILM VISION SYSTEM**
[54] **SYSTEME DE VISION DE FILM A ENROULEMENT TOUT-TERRAIN**
[72] KULIK, MARK, US
[73] KULIK, MARK,
[85] 2017-05-10
[86] 2015-10-22 (PCT/US2015/056987)
[87] (WO2016/081150)
[30] US (14/543,794) 2014-11-17

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[13] C
[51] **Int.Cl. F16K 37/00 (2006.01) F16K 31/12 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO ARBITRATE VALVE POSITION SENSOR REDUNDANCY**
[54] **METHODE ET DISPOSITIF PERMETTANT DE DETERMINER LA REDONDANCE DES CAPTEURS DE POSITION DE SOUPAPES**
[72] SWEENEY, THOMAS, US
[72] SHAW, SCOTT, US
[72] FRANCINO, PETER N., US
[73] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC.,
[86] (2967581)
[87] (2967581)
[22] 2010-03-11
[62] 2,696,432
[30] US (12/403,048) 2009-03-12

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[51] **Int.Cl. H04M 3/527 (2006.01) G10L 25/63 (2013.01)**
[25] EN
[54] **COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR FACILITATING INTERACTIONS VIA AUTOMATIC AGENT RESPONSES**
[54] **SYSTEME MIS EN OEUVRE PAR ORDINATEUR ET METHODE SERVANT A FACILITER LES INTERACTIONS AU MOYEN DE REPONSES AUTOMATIQUES D'UN AGENT**
[72] ODINAK, GILAD, US
[72] CARMIEL, YISHAY, US
[73] INTELLISIST, INC.,
[86] (2967617)
[87] (2967617)
[22] 2017-05-19
[30] US (62/339,033) 2016-05-19
[30] US (15/598,984) 2017-05-18

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[54] **AUTOFOCUS SYSTEM AND METHOD IN DIGITAL HOLOGRAPHY**
[54] **SYSTEME ET PROCEDE DE MISE AU POINT AUTOMATIQUE EN HOLOGRAPHIE NUMERIQUE**
[72] HSIAO, CHING-CHUN, BE
[72] CHANG, TING-TING, BE
[72] LIAO, CHAO KANG, BE
[73] IMEC VZW,
[73] IMEC TAIWAN CO.,
[85] 2017-05-16
[86] 2015-11-30 (PCT/EP2015/078089)
[87] (WO2016/083620)
[30] TW (103141335) 2014-11-28

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[51] **Int.Cl. A45D 40/04 (2006.01)**
[25] EN
[54] **PACKAGE FOR CONSUMER CARE PRODUCTS**
[54] **CONDITIONNEMENT POUR PRODUITS DE SOINS DE CONSOMMATEUR**
[72] ELLSWORTH, JUSTIN ALAN, US
[73] THE PROCTER & GAMBLE COMPANY,
[85] 2017-05-16
[86] 2015-12-16 (PCT/US2015/065945)
[87] (WO2016/106030)
[30] US (62/095,088) 2014-12-22

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[54] **PACKAGE FOR CONSUMER CARE PRODUCTS**
[54] **CONDITIONNEMENT POUR PRODUITS DE SOINS DE CONSOMMATEUR**
[72] ELLSWORTH, JUSTIN ALAN, US
[73] THE PROCTER & GAMBLE COMPANY,
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[87] (WO2016/106032)
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[25] EN
[54] **LADDERS, LADDER COMPONENTS AND RELATED METHODS**
[54] **ECHELLES, COMPOSANTES D'ECHELLE ET METHODES ASSOCIEES**
[72] MOSS, N. RYAN, US
[72] PETERSON, SEAN R., US
[72] RUSSELL, BRIAN B., US
[73] WING ENTERPRISES, INCORPORATED,
[86] (2968780)
[87] (2968780)
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[25] EN
[54] **MONITORED HEAT EXCHANGER SYSTEM AND RELATED**
[54] **SYSTEME D'ECHANGEUR DE CHALEUR SURVEILLE ET ELEMENT CONNEXE**
[72] HJORTH, DEREK, US
[72] GASKA, JOHN, US
[72] VANBERG, RANDY, US
[72] VISSCHER, KEVIN, CA
[72] LOTEY, IQBAL, CA
[72] PENG, BOB, CA
[72] RAJANI, HAMID REZA ZAREIE, CA
[72] LARIMI, SEYED REZA, CA
[72] ABBASI, MORTEZA, CA
[73] GLOBAL HEAT TRANSFER ULC,
[86] (2969703)
[87] (2969703)
[22] 2017-06-06
[30] US (15/477,097) 2017-04-02
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[25] EN
[54] **TUNABLE TUBE AMPLIFIER SYSTEM OF A RADIO-FREQUENCY POWER GENERATOR**
[54] **SYSTEME AMPLIFICATEUR A TUBE ACCORDABLE D'UN GENERATEUR DE PUISSANCE RADIOFREQUENCE**
[72] BACKLUND, ANDREAS, SE
[73] GENERAL ELECTRIC COMPANY,
[85] 2017-06-08
[86] 2015-09-30 (PCT/US2015/053124)
[87] (WO2016/099622)
[30] US (14/575,993) 2014-12-18

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[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/36 (2013.01) G06F 21/46 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REPLACING COMMON IDENTIFYING DATA**
[54] **SYSTEME ET PROCEDE POUR LE REMPLACEMENT DE DONNEES D'IDENTIFICATION COMMUNES**
[72] SOENKE, JUSTIN, US
[72] PEREZ, ANTHONY R., US
[73] ARP - IP LLC,
[85] 2017-06-07
[86] 2015-12-09 (PCT/US2015/064845)
[87] (WO2016/094590)
[30] US (62/091,453) 2014-12-12
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[25] EN
[54] **CHEWY CONFECTIONERY CYLINDERS**
[54] **CYLINDRES DE CONFISERIE A MACHER**
[72] BARTZ, RAECHEL, US
[72] BIZYS, EGIDIJUS, US
[72] GLICKEN, JULIA, US
[72] MUSCAT, ASHLEY, US
[72] MALDONADO, VALERIE, US
[72] WU, XIAOJUN, US
[73] WM. WRIGLEY JR. COMPANY,
[85] 2017-06-13
[86] 2015-12-18 (PCT/US2015/066938)
[87] (WO2016/100947)
[30] US (62/094,690) 2014-12-19

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[51] **Int.Cl. E21B 47/001 (2012.01) E21B 47/007 (2012.01) E21B 17/01 (2006.01) E21B 19/00 (2006.01)**
[25] EN
[54] **ANTI-RECOIL CONTROL DESIGN USING A HYBRID RISER TENSIONING SYSTEM IN DEEPWATER DRILLING**
[54] **MODELE DE COMMANDE ANTI-RECUL UTILISANT UN SYSTEME DE TENSION DE COLONNE MONTANTE HYBRIDE LORS DU FORAGE EN EAUX PROFONDES**
[72] WU, YIN, US
[72] BOURGEAU, EDWARD PETER KENNETH, US
[73] TRANSOCEAN SEDCO FOREX VENTURES LIMITED,
[85] 2017-06-16
[86] 2015-12-15 (PCT/US2015/065880)
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[30] US (62/092,587) 2014-12-16

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[51] **Int.Cl. G08G 5/00 (2006.01) G08G 5/02 (2006.01)**
[25] EN
[54] **TRAJECTORY AMENDMENT AND ARRIVAL TIME SLOT PROVISION SYSTEM**
[54] **SYSTEME D'ATTRIBUTION DE FENETRE TEMPORELLE D'ARRIVEE ET DE MODIFICATION DE TRAJECTOIRE**
[72] BORGYOS, SZABOLCS ANDRAS, US
[73] GE AVIATION SYSTEMS LLC,
[86] (2971466)
[87] (2971466)
[22] 2017-06-22
[30] US (15/190,599) 2016-06-23

[11] **2,971,753**
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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 17/18 (2006.01) E21B 43/30 (2006.01) E21B 43/38 (2006.01)**
[25] FR
[54] **DEVICE FOR DISCHARGING LIQUIDS ACCUMULATED IN A WELL**
[54] **DISPOSITIF D'EVACUATION DE LIQUIDES ACCUMULES DANS UN PUITS**
[72] DELEERSNYDER, MATHIEU, FR
[72] LEMETAYER, PIERRE, FR
[72] BEAUQUIN, JEAN-LOUIS, FR
[73] TOTAL SA,
[85] 2017-06-20
[86] 2014-12-22 (PCT/FR2014/053521)
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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 35/768 (2015.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CANCER THERAPY WITH A PARVOVIRUS COMBINED WITH BEVACIZUMAB**
[54] **TRAITEMENT DU CANCER AVEC UN PARVOVIRUS COMBINE A DU BEVACIZUMAB**
[72] GELETNEKY, KARSTEN, DE
[72] ROMMELAERE, JEAN, DE
[72] WICK, WOLFGANG, DE
[72] WICK, ANTJE, DE
[72] DAHM, MICHAEL, DE
[73] DEUTSCHES KREBSFORSCHUNGSZENTRUM,
[73] RUPRECHT-KARLS-UNIVERSITAT,
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[87] (WO2016/128146)
[30] EP (15154629.8) 2015-02-11

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[25] EN
[54] **FLEXIBLE CONTAINER BAGS**
[54] **SACS DE CONTENANT FLEXIBLES**
[72] ETIZ, ERHAN, CA
[72] SAYIN, SUKRU CENK, CA
[73] ELEMENT INTERNATIONAL TRADE INC.,
[86] (2972062)
[87] (2972062)
[22] 2017-06-29
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[51] **Int.Cl. A42B 1/04 (2006.01) A41H 43/00 (2006.01)**
[25] EN
[54] **SURGICAL CAP AND METHOD**
[54] **CAPUCHON CHIRURGICAL ET METHODE**
[72] GENENDER, ALAN, US
[72] ZUNDEL, HANNAH, US
[73] MEDLINE INDUSTRIES, INC.,
[86] (2972116)
[87] (2972116)
[22] 2017-06-28
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[25] EN
[54] **RATE MATCHING PROCESSING METHOD AND APPARATUS FOR CODING**
[54] **METHODE DE TRAITEMENT D'ADAPTATION DE DEBIT ET APPAREIL DE CODAGE**
[72] CHEN, JUN, CN
[72] LI, BIN, CN
[72] SHEN, HUI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD.,
[85] 2017-07-04
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[25] EN
[54] **A METHOD OF ENCODING VIDEO WITH FILM GRAIN**
[54] **PROCEDE DE CODAGE DE VIDEOS PRESENTANT UN GRAIN DE FILM**
[72] ZHOU, WEI, US
[72] PERERA, JANE, US
[72] MICHELSEN, WAYNE D., US
[72] CHANDRA, SWAROOP, US
[73] ARRIS ENTERPRISES LLC,
[85] 2017-07-04
[86] 2015-12-09 (PCT/US2015/064703)
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[54] **CUTTING DECK FLOW CONTROL ASSEMBLY**
[54] **ENSEMBLE DE REGULATION D'ECOULEMENT DE PLATEAU DE COUPE**
[72] POOLE, JAMES R., US
[72] BRINEY, DAVID, US
[73] HUSQVARNA AB,
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[25] EN
[54] **PROTOCOL FOR OUT OF BAND COMMISSIONING OF LIGHTING NETWORK ELEMENT**
[54] **PROTOCOLE DESTINE A LA MISE EN SERVICE HORS BANDE D'UN ELEMENT DE RESEAU D'ECLAIRAGE**
[72] TURVY, LARRY D., JR., US
[72] FULTZ, TYLER B., US
[72] SCRIMGEOUR, JOHN W., US
[72] ROQUEMORE, JOHN PETER, III, US
[73] ABL IP HOLDING LLC,
[86] (2973827)
[87] (2973827)
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[25] EN
[54] **DRUG STORAGE AND DISPENSING SYSTEM FOR PRE-FILLED CONTAINERS**
[54] **SYSTEME DE STOCKAGE ET DE DISTRIBUTION DE MEDICAMENT POUR RECIPIENTS PREREMPLIS**
[72] BLACK, AMANDA, US
[72] WRIGHT, JUSTIN, US
[72] MONCHOIX, HERVE, FR
[72] MARECHAL, DAMIEN, FR
[72] SCHNEIDER, ERIC, US
[72] LARROW, CHET, US
[73] BECTON DICKINSON FRANCE,
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[25] EN
[54] **FLIGHT CONTROL LAWS FOR AUTOMATIC HOVER HOLD**
[54] **LOIS DE COMMANDES DE VOL POUR MAINTIEN AUTOMATIQUE EN VOL STATIONNAIRE**
[72] CHRISTENSEN, KEVIN THOMAS, US
[72] SHUE, SHYHPYNG JACK, US
[72] CAUDILL, TROY SHELDON, US
[73] BELL HELICOPTER TEXTRON INC.,
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[87] (2974171)
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[25] EN
[54] **COMPRESSED GAS ENERGY STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE D'ENERGIE DE GAZ COMPRIME**
[72] NARINE, SURESH S., CA
[72] TESSIER, MICHAEL, CA
[73] TRENT UNIVERSITY,
[85] 2017-07-18
[86] 2016-01-19 (PCT/IB2016/050254)
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[25] EN
[54] **TEETERING ROTOR HUB SYSTEM**
[54] **SYSTEME DE MOYEU DE ROTOR A MOUVEMENT DE BATTEMENT**
[72] SUTTON, DREW ALAN, US
[72] STAMPS, FRANK BRADLEY, US
[73] BELL HELICOPTER TEXTRON INC.,
[86] (2974257)
[87] (2974257)
[22] 2017-07-20
[30] US (15/401,233) 2017-01-09

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[13] C
[51] **Int.Cl. A61F 13/53 (2006.01) A61F 13/15 (2006.01) A61F 13/47 (2006.01)**
[25] EN
[54] **ABSORBENT LAMINATE WITH MULTIPLE SUBSTRATES**
[54] **STRATIFIE ABSORBANT COMPORTANT DE MULTIPLES SUBSTRATS**
[72] DUCKER, PAUL M., US
[73] EAM CORPORATION,
[85] 2017-08-02
[86] 2016-02-02 (PCT/US2016/016142)
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[25] EN
[54] **BLENDER UNIT WITH INTEGRATED CONTAINER SUPPORT FRAME**
[54] **UNITE DE MELANGEUR A CADRE DE SUPPORT DE BAC INTEGRE**
[72] STEGEMOELLER, CALVIN L., US
[72] LUCAS, BRYAN CHAPMAN, US
[72] LEWIS, BRYAN JOHN, US
[72] SCHAFFNER, AUSTIN CARL, US
[72] HUNTER, TIMOTHY H., US
[72] SURJAATMADJA, JIM BASUKI, US
[72] WARREN, WESLEY JOHN, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-08-03
[86] 2015-07-22 (PCT/US2015/041573)
[87] (WO2017/014771)

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[51] **Int.Cl. F28F 3/04 (2006.01) B64D 33/08 (2006.01) F02C 7/14 (2006.01) F16N 39/02 (2006.01) F28D 1/00 (2006.01) F28F 13/06 (2006.01)**
[25] EN
[54] **ENGINE HEAT EXCHANGER AND METHOD OF FORMING**
[54] **ECHANGEUR THERMIQUE DE MOTEUR ET METHODE DE FORMATION**
[72] KENWORTHY, MICHAEL THOMAS, US
[72] GERSTLER, WILLIAM DWIGHT, US
[72] DIAZ, CARLOS ENRIQUE, US
[73] UNISON INDUSTRIES, LLC,
[86] (2976534)
[87] (2976534)
[22] 2017-08-16
[30] US (15/252,748) 2016-08-31

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[51] **Int.Cl. A61L 2/26 (2006.01)**
[25] EN
[54] **APPARATUS FOR CLEANING MEDICAL INSTRUMENTS**
[54] **APPAREIL DE NETTOYAGE D'INSTRUMENTS MEDICAUX**
[72] ROBERT, MAXIME, CA
[72] MARTINEAU, LOUIS, CA
[73] STERIS INC.,
[85] 2017-08-17
[86] 2016-02-19 (PCT/US2016/018633)
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[30] US (62/118,601) 2015-02-20
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[25] EN
[54] **SURFACE EXCITATION RANGING METHODS AND SYSTEMS EMPLOYING A GROUND WELL AND A SUPPLEMENTAL GROUNDING ARRANGEMENT**
[54] **PROCEDES ET SYSTEMES DE TELEMETRIE A EXCITATION DE SURFACE UTILISANT UN PUITS AU SOL ET UN AGENCEMENT DE MISE A TERRE SUPPLEMENTAIRE**
[72] WU, HSU-HSIANG, US
[72] AHMADI KALATEH AHMAD, AKRAM, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-08-18
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[51] **Int.Cl. B29C 45/40 (2006.01) B29C 45/17 (2006.01) B29C 45/24 (2006.01)**
[25] EN
[54] **MOLDING SYSTEM HAVING A MOLD STACK WITH A CLEANING CONFIGURATION AND A SHUT HEIGHT ADJUSTMENT MECHANISM**
[54] **SYSTEME DE MOULAGE PRESENTANT UN EMPILEMENT DE MOULES AYANT UNE CONFIGURATION DE NETTOYAGE ET UN MECANISME DE REGLAGE DE HAUTEUR DE FERMETURE**
[72] KMOCH, SVEN, DE
[72] FISCH, RALF WALTER, DE
[72] MCCREADY, DEREK ROBERTSON, CA
[72] PAPA, RENATO, CA
[72] BRADSHAW, MAXFIELD PAUL, CA
[73] HUSKY INJECTION MOLDING SYSTEMS LTD.,
[85] 2017-08-21
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[87] (WO2016/149800)
[30] US (62/135,987) 2015-03-20

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[13] C
[51] **Int.Cl. B62D 25/04 (2006.01) B21D 53/88 (2006.01)**
[25] EN
[54] **B-PILLAR FOR A MOTOR VEHICLE BODY AS WELL AS MOTOR VEHICLE BODY HAVING SUCH A B-PILLAR**
[54] **PIED MILIEU DESTINE A UN CHASSIS DE VEHICULE A MOTEUR ET CHASSIS DE VEHICULE A MOTEUR COMPORTANT UN TEL PIED MILIEU**
[72] STEFFENS, HUBERTUS, DE
[72] SPIELVOGEL, BERNHARD, AT
[73] MUHR UND BENDER KG,
[86] (2977875)
[87] (2977875)
[22] 2017-08-31
[30] DE (10 2016 116 787.8) 2016-09-07

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[25] EN
[54] **CONNECTION FOR REFRIGERATED GAS STORAGE TANK**
[54] **RACCORDEMENT POUR RESERVOIR DE STOCKAGE DE GAZ REFRIGERE**
[72] BLANCHARD, JOHN M., US
[72] BUTTS, MARK, US
[73] CHICAGO BRIDGE & IRON COMPANY,
[85] 2017-09-05
[86] 2016-03-04 (PCT/US2016/020946)
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[30] US (62/128,743) 2015-03-05

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[51] **Int.Cl. B22D 19/14 (2006.01) B22F 7/06 (2006.01) E21B 10/46 (2006.01)**
[25] EN
[54] **METHODS OF REMOVING SHOULDER POWDER FROM FIXED CUTTER BITS**
[54] **PROCEDES D'ELIMINATION DE POUDRE D'EPAULEMENT DE TREPANS DE COUPE FIXES**
[72] THOMAS, JEFF G., US
[72] OLSEN, GARRETT T., US
[72] COOK III, GRANT O., US
[72] VOGLEWEDE, DANIEL BRENDAN, US
[72] PAN, YI, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-09-06
[86] 2016-05-17 (PCT/US2016/032880)
[87] (WO2016/187202)
[30] US (62/163,207) 2015-05-18

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[25] EN
[54] **SYSTEM AND METHOD FOR CLEANSING SEGMENTS OF A LUMINAL NETWORK**
[54] **SYSTEME ET METHODE DE NETTOYAGE DE SEGMENTS D'UN RESEAU LUMINAL**
[72] KRIMSKY, WILLIAM S., US
[73] COVIDIEN LP,
[86] (2979117)
[87] (2979117)
[22] 2017-09-13
[30] US (62/396,322) 2016-09-19
[30] US (15/700,243) 2017-09-11

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[54] **IMPACT EXTRUDED CONTAINERS FROM RECYCLED ALUMINUM SCRAP**
[54] **CONTENANTS FILES PAR CHOC A PARTIR DE DECHETS D'ALUMINIUM RECYCLES**
[72] SILES, JOHN L., US
[72] MELANCON, SAMUEL, CA
[72] PLATEK, STANLEY M., US
[72] CHATEY, ANTHONY, CZ
[73] BALL CORPORATION,
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[54] **REMOVAL OF FINE SOLIDS FROM OILFIELD FLUIDS**
[54] **ELIMINATION DE FINES PARTICULES SOLIDES DE FLUIDES DE CHAMP PETROLIFERE**
[72] NEWMAN, KATERINA V., US
[72] HARVEY, TIMOTHY N., US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-09-22
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[54] **EXERCISE MAT WITH A CONTINUOUS ONE-PIECE ANTI-SLIP STRIP**
[54] **TAPIS D'EXERCICE COMPORTANT UNE BANDE ANTIDERAPANTE MONOBLOC CONTINUE**
[72] TSAI, VICTOR, TW
[73] GROUNDING INC.,
[86] (2980880)
[87] (2980880)
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[54] **OPPOSING PISTON SETTING TOOL**
[54] **OUTIL DE POSE A PISTONS DISPOSES EN REGARD**
[72] COVALT, JOHNNY, US
[72] SMITH, RICK, US
[73] HUNTING TITAN, INC.,
[85] 2017-09-25
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[54] **SPECTACLE LENS, METHOD OF MANUFACTURING THE SAME, AND SPECTACLES**
[54] **VERRE DE LUNETTES ET SON PROCEDE DE FABRICATION, ET LUNETTES**
[72] NISHIMOTO, KEIJI, JP
[73] HOYA LENS THAILAND LTD.,
[85] 2017-09-28
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[54] **NOVEL DGAT2 INHIBITORS**
[54] **NOUVEAUX INHIBITEURS DE LA DGAT2**
[72] ESCRIBANO, ANA MARIA, US
[72] GONZALEZ, MARIA ROSARIO, US
[72] LAFUENTE BLANCO, CELIA, US
[72] MARTIN-ORTEGA FINGER, MARIA DOLORES, US
[72] WILEY, MICHAEL R., US
[73] ELI LILLY AND COMPANY,
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[54] **VISIBLE-LIGHT PHOTOINITIATORS AND USES THEREOF**
[54] **PHOTO-INITIATEURS DE LA LUMIERE VISIBLE ET LEURS UTILISATIONS**
[72] HOLLAND, TROY VERNON, US
[72] CHANG, FRANK, US
[72] DESOUSA, RYAN, US
[73] NOVARTIS AG,
[85] 2017-10-13
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[54] **METHODS FOR DETERMINING GAS EXTRACTION EFFICIENCY FROM A DRILLING FLUID**
[54] **PROCEDES POUR LA DETERMINATION DE L'EFFICACITE DE L'EXTRACTION DE GAZ A PARTIR D'UN FLUIDE DE FORAGE**
[72] ROWE, MATHEW DENNIS, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-10-13
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[54] **LOW DENSITY CARBON FIBERS FILLED MATERIALS**
[54] **MATERIAUX REMPLIS DE FIBRES DE CARBONE DE FAIBLE DENSITE**
[72] BORAGNO, LUCA, AT
[72] STOCKREITER, WOLFGANG, AT
[72] JERABEK, MICHAEL, AT
[73] BOREALIS AG,
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[54] **AN AUDIO SIGNAL PROCESSING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE SIGNAL AUDIO**
[72] PANG, LIYUN, DE
[72] HOFFMANN, PABLO, DE
[73] HUAWEI TECHNOLOGIES CO., LTD.,
[85] 2017-10-19
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[54] **HYDROTREATING CATALYST CONTAINING METAL ORGANIC SULFIDES ON DOPED SUPPORTS**
[54] **CATALYSEUR D'HYDROTRAITEMENT CONTENANT DES SULFURES ORGANIQUES METALLIQUES SUR DES SUPPORTS DOPES**
[72] BUS, EVELINE, NL
[72] DEKA, UPAKUL, NL
[72] VAN DER GRIEND, HANS, NL
[72] VOGELAAR, BASTIAAN MAARTEN, NL
[72] THOONEN, SANDER HENDRIKUS LAMBERTUS, NL
[72] EIJSBOUTS-SPICKOVA, SONJA, NL
[73] ALBEMARLE EUROPE SPRL,
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[54] **COMBINATION HYDRAULIC AND PNEUMATIC DOOR CLOSER**
[54] **DISPOSITIF COMBINE DE FERMETURE DE PORTE HYDRAULIQUE ET PNEUMATIQUE**
[72] FAN, SHUIWANG, CN
[73] CMECH (GUANGZHOU), LTD.,
[86] (2983926)
[87] (2983926)
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[54] **GROOVE CHANNEL STRUCTURE IN FUEL CELL SEPARATOR**
[54] **STRUCTURE DE CANAL A RAINURE DANS UN SEPARATEUR DE PILE A COMBUSTIBLE**
[72] NONOYAMA, NOBUAKI, JP
[72] KOBAYASHI, MASAYA, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA,
[86] (2984043)
[87] (2984043)
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[54] **METHOD AND SYSTEM FOR CALIBRATING GAMMA RADIATION FLUX LEVELS IN A SOLID STATE GAMMA RADIATION DETECTION SYSTEM**
[54] **PROCEDE ET SYSTEME D'ETALONNAGE DE NIVEAUX DE FLUX DE RAYONNEMENT GAMMA ET SYSTEME DE DETECTION DE RAYONNEMENT GAMMA A L'ETAT SOLIDE**
[72] MARRIOTT, KEVIN, US
[72] HEPWORTH, PAUL, US
[72] WILLIAMS, JEREMY, US
[73] VPI ENGINEERING, INC.,
[85] 2017-10-27
[86] 2016-04-29 (PCT/US2016/030295)
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[54] **TRANSMITTING APPARATUS, RECEIVING APPARATUS, AND METHOD FOR CONTROLLING THE SAME**
[54] **APPAREIL DE TRANSMISSION, APPAREIL DE RECEPTION, ET PROCEDE DE COMMANDE CORRESPONDANT**
[72] OH, YOUNG-HO, KR
[72] LEE, HAK-JU, KR
[73] SAMSUNG ELECTRONICS CO., LTD.,
[85] 2017-10-31
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[54] **ARC WELDED JOINT OF ZN PLATED STEEL SHEET**
[54] **JOINT SOUDE A L'ARC DE TOLE D'ACIER PLAQUE ZINC**
[72] NOBUTOKI, TOMOKAZU, JP
[72] HOSOMI, KAZUAKI, JP
[73] NIPPON STEEL NISSHIN CO., LTD.,
[86] (2985236)
[87] (2985236)
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[25] EN
[54] **EXPANSION ANCHOR HAVING A DOUBLE COATING**
[54] **CHEVILLE A EXPANSION A DOUBLE REVETEMENT**
[72] GSTACH, PETER, LI
[72] BECKERT, MICHAEL, CH
[72] WINKLER, BERNHARD, AT
[72] SCHOLZ, PATRICK, CH
[73] HILTI AKTIENGESELLSCHAFT,
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[54] **DOWNHOLE ELECTRICAL CONNECTOR**
[54] **CONNECTEUR ELECTRIQUE DE FOND DE PUITS**
[72] TILLEY, JIM DARIN, US
[72] SNYDER, JOHN KENNETH, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
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[54] **FOOTWEAR VENTILATION STRUCTURES AND METHODS**
[54] **STRUCTURES ET PROCEDES DE VENTILATION DE CHAUSSURE**
[72] YEH, THOMAS, US
[73] TBL LICENSING LLC,
[85] 2017-11-14
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[54] **WIRELESS MICROPHONE AND/OR IN-EAR MONITORING SYSTEM AND METHOD OF CONTROLLING A WIRELESS MICROPHONE AND/OR IN-EAR MONITORING SYSTEM**
[54] **MICROPHONE SANS FIL ET/OU SYSTEME DE RETOUR PERSONNEL ET PROCEDE DE COMMANDE D'UN MICROPHONE SANS FIL ET/OU D'UN SYSTEME DE RETOUR PERSONNEL**
[72] GEORGI, SEBASTIAN, DE
[72] WATERMANN, JAN, DE
[73] SENNHEISER ELECTRONIC GMBH & CO. KG,
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[54] **NONCONTACT MEASURING DEVICE**
[54] **DISPOSITIF DE MESURE SANS CONTACT**
[72] MIAN, ZAHID F., US
[72] SPOOR, RYK E., US
[72] GAMACHE, RONALD W., US
[73] INTERNATIONAL ELECTRONIC MACHINES CORPORATION,
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[54] **LINING OF A CATHODE ASSEMBLY OF A REDUCTION CELL FOR PRODUCTION OF ALUMINUM, METHOD FOR INSTALLATION THEREOF AND REDUCTION CELL HAVING SUCH LINING**
[54] **REVETEMENT INTERIEUR D'UN APPAREIL CATHODIQUE D'UN ELECTROLYSEUR POUR LA PRODUCTION D'ALUMINIUM**
[72] PROSHKIN, ALEKSANDR VLADIMIROVICH, RU
[72] NAGIBIN, GENNADIJ EFIMOVICH, RU
[72] PINGIN, VITALIJ VALER'EVICH, RU
[72] SBITNEV, ANDREJ GENNAD'EVICH, RU
[72] ZHERDEV, ALEKSEJ SERGEEVICH, RU
[72] MANN, VIKTOR KHRIST'YANOVICH, RU
[72] SHTEFANYUK, YURIY MIKHAILOVICH, RU
[73] OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA SAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR",
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[54] **REACTEUR NUCLEAIRE**
[72] LEBEDEV, LARION ALEKSANDROVICH, RU
[72] LEVCHENKO, VALERIY ALEKSEYEVICH, RU
[73] RESEACH AND DEVELOPMENT CENTER FOR INNOVATIONS,
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[54] **FRANGIBLE-DISC SUBASSEMBLY WITH NOVEL SEAT, SEAL AND PRESSURE EQUALIZATION PORTS**
[54] **SOUS-ASSEMBLAGE DE DISQUE FRANGIBLE DOTE D'ORIFICES NOVATEURS DE SIEGE, JOINT ET EGALISATION DE PRESSION**
[72] PETROWSKY, CONRAD, CA
[73] ARMOR TOOLS INTERNATIONAL INC.,
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[54] **CHENILLE ELASTIQUE**
[72] MATSUO, SHUICHI, JP
[73] BRIDGESTONE CORPORATION,
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[54] **CHENILLE**
[72] MIZUSAWA, TAKASHI, JP
[72] SUGIHARA, SHINGO, JP
[72] TATEISHI, KENJI, JP
[73] BRIDGESTONE CORPORATION,
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[25] EN
[54] **WIRELESS COMMUNICATION SYSTEM, CONTROL SERVER, AND BASE-STATION SWITCHING OPERATION CONTROL METHOD**
[54] **SYSTEME DE COMMUNICATION SANS FIL, SERVEUR DE COMMANDE, ET PROCEDE DE COMMANDE DE FONCTIONNEMENT DE COMMUTATION DE STATION DE BASE**
[72] YAMASAKI, RYOTA, JP
[72] HAMADA, TOMOYUKI, JP
[72] KIRIMURA, AKIYOSHI, JP
[72] YAMADA, TSUTOMU, JP
[73] HITACHI CONSTRUCTION MACHINERY CO., LTD.,
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[54] **MULTI-STAGE CORRUGATOR FOR COMPOSITE WOOD PANEL CORES**
[54] **ONDULEUSE MULTI ETAPE DESTINEE A DES AMES DE PANNEAU DE BOIS MIXTE**
[72] BATTY, RONALD J., CA
[73] BONDCORE OU,
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[54] **LOW CORROSION RELEASE AGENTS FOR LIGNO-CELLULOSIC COMPOSITES**
[54] **AGENTS DE LIBERATION PEU CORROSIFS DESTINES AUX COMPOSES LIGNOCELLULOSIQUES**
[72] TCHOUKOV, PLAMEN, CA
[72] WESTGEEST, JASON, CA
[72] KROPP, KEVIN, CA
[73] GUARDIAN CHEMICALS INC.,
[86] (2988294)
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[25] EN
[54] **APPARATUS AND METHOD FOR ORIENTING A BEVERAGE CONTAINER END CLOSURE AND APPLYING INDICIA IN A PREDETERMINED LOCATION**
[54] **APPAREIL ET PROCEDE POUR ORIENTER UN COUVERCLE D'UN CONTENANT DE BOISSON ET APPLIQUER DES INDICATIONS A UN EMPLACEMENT PREDETERMINE**
[72] ELLEFSON, DEAN C., US
[73] BALL CORPORATION,
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[87] (2989063)
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[54] **APPARATUS AND METHOD FOR INCREASING STEAM THROUGHPUT IN A STEAM GENERATING APPARATUS**
[54] **APPAREIL ET METHODE D'AUGMENTATION DE LA PRODUCTION DE VAPEUR DANS UN APPAREIL GENERATEUR DE VAPEUR**
[72] PERDICAKIS, BASIL, CA
[72] YANG, YONGXU, CA
[72] WALKER, MATHEW, CA
[72] MCGREGOR, MICHAEL, CA
[73] SUNCOR ENERGY INC.,
[86] (2989173)
[87] (2989173)
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[25] EN
[54] **CATHETER ASSEMBLY**
[54] **ENSEMBLE CATHETER**
[72] WOEHR, KEVIN, DE
[73] B. BRAUN MELSUNGEN AG,
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[30] GB (1315401.8) 2013-08-29
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[25] EN
[54] **PRE-CONDITIONED FOAM PAD**
[54] **COUSSIN EN MOUSSE PRE-CONDITIONNEE PRE-CONDITIONED FOAM PAD**
[72] GLADNEY, RICHARD F., US
[72] DEFRANKS, MICHAEL S., US
[72] HERRRINGTON, RONALD M., US
[72] YANG, HUI, US
[73] DREAMWELL, LTD.,
[86] (2989606)
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[25] EN
[54] **CRANE CONTROLLER**
[54] **COMMANDE DE GRUE**
[72] WIMMER, ECKHARD, AT
[72] REITER, PAUL, AT
[73] PALFINGER AG,
[85] 2017-12-22
[86] 2016-06-24 (PCT/AT2016/050233)
[87] (WO2016/205851)
[30] AT (GM 50125/2015) 2015-06-24

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[51] **Int.Cl. E05B 9/06 (2006.01) E05B 9/08 (2006.01)**
[25] EN
[54] **DOOR LOCK AND METHOD OF INSTALLATION AND UN-INSTALLATION OF THE SAME**
[54] **VERROU DE PORTE ET METHODE D'INSTALLATION ET DE DESINSTALLATION DUDIT VERROU**
[72] HUANG, FU-CHIH, CN
[73] TAIWAN FU HSING INDUSTRIAL CO., LTD.,
[86] (2990820)
[87] (2990820)
[22] 2018-01-04
[30] TW (106136018) 2017-10-20

[11] **2,991,280**
[13] C
[51] **Int.Cl. C05C 3/00 (2006.01) C05C 9/00 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **GRANULATION OF UREA PRODUCTS**
[54] **GRANULATION DE PRODUITS D'UREE**
[72] SOONS, PETRUS CATHARINA GERLACH, NL
[72] SCHAAFSMA, STEFAN HENDRIKUS, NL
[73] STAMICARBON B.V.,
[85] 2018-01-03
[86] 2016-07-06 (PCT/NL2016/050486)
[87] (WO2017/007315)
[30] EP (15175476.9) 2015-07-06

[11] **2,991,914**
[13] C
[51] **Int.Cl. E05D 3/18 (2006.01)**
[25] EN
[54] **HINGE AND CLADDING WITH A HINGE**
[54] **CHARNIERE ET REVETEMENT MUNI D'UNE CHARNIERE**
[72] KONRAD, WILFRIED, AT
[73] FACC AG,
[85] 2018-01-10
[86] 2016-09-05 (PCT/AT2016/060049)
[87] (WO2017/035553)
[30] AT (A 50755/2015) 2015-09-04

[11] **2,993,377**
[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/00 (2006.01) A61K 47/32 (2006.01) A61K 47/34 (2017.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **A PHARMACEUTICAL COMPOSITION COMPRISING ELECTROHYDRODYNAMICALLY OBTAINED FIBRES, THE COMPOSITION HAVING IMPROVED RESIDENCE TIME ON THE APPLICATION SITE**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DES FIBRES OBTENUES PAR UN PROCEDE ELECTROHYDRODYNAMIQUE, PRESENTANT UN TEMPS DE SEJOUR AMELIORE SUR LE SITE D'APPLICATION**
[72] HANSEN, JENS, DK
[72] ROMERO, MARTIN EDUARDO SANTOCILDES, GB
[73] AFYX THERAPEUTICS A/S,
[85] 2018-01-23
[86] 2016-11-18 (PCT/EP2016/078151)
[87] (WO2017/085264)
[30] DK (PA 2015 70745) 2015-11-19

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[13] C
[51] **Int.Cl. A61K 31/616 (2006.01) A61K 31/5377 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **COMBINATION OF RIVAROXABAN AND ACETYLSALICYLIC ACID FOR REDUCING THE RISK OF CARDIOVASCULAR EVENTS**
[54] **REDUCTION DU RISQUE D'EVENEMENTS CARDIOVASCULAIRES**
[72] COOK BRUNS, NANCY, DE
[72] MISSELWITZ, FRANK, DE
[72] EIKELBOOM, JOHN WILLIAM ANDREW, CA
[72] CONNOLLY, STUART J., CA
[72] YUSUF, SALIM, CA
[73] BAYER PHARMA AKTIENGESELLSCHAFT,
[86] (2993858)
[87] (2993858)
[22] 2018-02-02

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[51] **Int.Cl. H02J 1/00 (2006.01) H02M 3/28 (2006.01)**
[25] EN
[54] **POWER SUPPLY SYSTEM AND DUMMY LOAD DEVICE**
[54] **SYSTEME D'ALIMENTATION ELECTRIQUE ET DISPOSITIF DE CHARGE FICTIVE**
[72] KAWAGUCHI, KATSUYOSHI, JP
[72] YOKOBIKI, TAKASHI, JP
[72] HISHIKI, KENJI, JP
[72] YONEZAKI, TOSHITAKA, JP
[72] KATAYAMA, TAKESHI, JP
[72] TAKEI, SHINYA, JP
[72] KANO, KATSUHIKO, JP
[72] MIZUKAWA, TATSUYA, JP
[72] AOKI, YASUO, JP
[72] ITO, SHOTA, JP
[73] JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY,
[73] NEC CORPORATION,
[73] NEC NETWORKS & SYSTEM INTEGRATION CORPORATION,
[73] NEC MAGNUS COMMUNICATIONS, LTD.,
[85] 2018-01-29
[86] 2017-01-27 (PCT/JP2017/002941)
[87] (WO2017/169054)
[30] JP (2016-069043) 2016-03-30

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[51] **Int.Cl. E21B 10/42 (2006.01) B23P 6/04 (2006.01) C23C 26/00 (2006.01)**
[25] EN
[54] **METHODS OF FORMING AND METHODS OF REPAIRING EARTH-BORING TOOLS**
[54] **PROCEDES DE FORMATION ET PROCEDES DE REPARATION D'OUTILS DE FORAGE**
[72] OXFORD, JAMES ANDY, US
[72] FOLKS, GREGORY D., US
[72] WAGENHEIM, CHRISTOPH, DE
[73] BAKER HUGHES, A GE COMPANY, LLC,
[85] 2018-02-01
[86] 2016-09-30 (PCT/US2016/054928)
[87] (WO2017/024322)
[30] US (15/227,261) 2016-08-03

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[13] C
[51] **Int.Cl. H04W 4/10 (2009.01) G08B 13/196 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR CONTROLLING A PLURALITY OF MOBILE-RADIO EQUIPPED ROBOTS IN A TALKGROUP**
[54] **PROCEDE, SYSTEME ET APPAREIL POUR COMMANDER UNE PLURALITE DE ROBOTS EQUIPES EN RADIOCOMMUNICATION MOBILE DANS UN GROUPE DE CONVERSATION**
[72] KOTLYAROV, YURY VLADIMIROVICH, RU
[73] MOTOROLA SOLUTIONS, INC.,
[85] 2018-03-01
[86] 2015-09-11 (PCT/RU2015/000575)
[87] (WO2017/043996)

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[51] **Int.Cl. F26B 3/06 (2006.01) F26B 3/16 (2006.01) F26B 15/18 (2006.01) F26B 17/00 (2006.01) F26B 17/12 (2006.01) F26B 21/08 (2006.01) F26B 23/00 (2006.01)**
[25] EN
[54] **PROCESS FOR ORE MOISTURE REDUCTION IN CONVEYOR BELTS AND TRANSFER CHUTES**
[54] **PROCEDE DE REDUCTION D'HUMIDITE DE MINERAI DANS DES COURROIES DE TRANSPORT ET DES GOULOTTES DE TRANSFERT**
[72] DE SOUZA, PINTO THIAGO CESAR, BR
[72] DE ALCANTARA, COSTA MARCIO, BR
[72] LAURINDO DE SALLES, LEAL FILHO, BR
[72] DA FONSECA SILA E, SILVA DANILO, BR
[73] VALE S.A.,
[85] 2018-03-29
[86] 2016-10-04 (PCT/BR2016/000105)
[87] (WO2017/070761)
[30] BR (102015027270-7) 2015-10-27

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[13] C
[51] **Int.Cl. B29D 12/02 (2006.01) B29C 69/00 (2006.01) G02C 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR FABRICATING MULTI-COLOR CELLULOSE ACETATE SPECTACLE FRAME**
[54] **PROCEDE DE FABRICATION DE MONTURE DE LUNETTES EN ACETATE DE CELLULOSE MULTICOLORE**
[72] WANG, DAOMIN, CN
[73] WANG, DAOMIN,
[85] 2018-04-03
[86] 2015-09-18 (PCT/CN2015/000647)
[87] (WO2017/041199)
[30] CN (201510558145.8) 2015-09-07

[11] **3,003,125**
[13] C
[51] **Int.Cl. H01M 2/10 (2006.01) B60L 50/64 (2019.01) B60K 1/04 (2019.01) H01M 2/20 (2006.01) H01M 2/30 (2006.01) H01M 2/34 (2006.01) H01M 10/44 (2006.01) H02J 3/32 (2006.01) H02J 3/38 (2006.01) H02J 7/00 (2006.01) H02J 7/35 (2006.01)**
[25] EN
[54] **ELECTRIC STORAGE DEVICE, ELECTRIC STORAGE DEVICE ASSEMBLY, ELECTRIC AND ELECTRONIC APPARATUS, ELECTRIC MOVING MEANS AND ELECTRIC POWER SYSTEM, AND METHOD OF ASSEMBLING ELECTRIC STORAGE DEVICE ASSEMBLY**
[54] **DISPOSITIF DE STOCKAGE D'ELECTRICITE, ENSEMBLE DISPOSITIF DE STOCKAGE D'ELECTRICITE, DISPOSITIF ELECTRIQUE/ELECTRONIQUE, MOYEN DE DEPLACEMENT ELECTRIQUE ET SYSTEME D'ALIMENTATION ELECTRIQUE, ET PROCEDE D'ASSEMBLAGE D'ENSEMBLE DISPOSITIF DE STOCKAGE D'ELECTRICITE**
[72] YOSHIDA, NAOTAKE, JP
[72] ADACHI, TATSUYA, JP
[72] ONO, HIROAKI, JP
[72] WATANABE, YASUHIRO, JP
[73] MURATA MANUFACTURING CO., LTD.,
[85] 2018-04-24
[86] 2016-09-02 (PCT/JP2016/075891)
[87] (WO2017/077765)
[30] JP (2015-216523) 2015-11-04

[11] **3,004,038**
[13] C
[51] **Int.Cl. H01H 83/04 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO DISABLE A TRIP CIRCUIT DURING SELF TEST IN GROUND FAULT CIRCUIT INTERRUPTERS**
[54] **METHODES ET APPAREIL DE DESACTIVATION D'UN CIRCUIT DE DECLENCHEMENT PENDANT UN TEST AUTONOME DANS LES INTERRUPTEURS DE CIRCUIT A DEFAUT DE TERRE**
[72] KINSEL, HUGH T., US
[72] ENDOZO, JOSELITO, US
[73] SIEMENS INDUSTRY, INC.,
[86] (3004038)
[87] (3004038)
[22] 2018-05-04
[30] US (15/588895) 2017-05-08

[11] **3,004,663**
[13] C
[51] **Int.Cl. A63B 69/00 (2006.01)**
[25] EN
[54] **BASKETBALL SHOOTING TRAINING DEVICE**
[54] **DISPOSITIF D'ENTRAINEMENT DE LANCER DE BASKETBALL**
[72] LIAO, CHIEN-YI, CN
[73] LIAO, CHIEN-YI,
[85] 2018-05-08
[86] 2016-10-20 (PCT/CN2016/102695)
[87] (WO2017/088614)
[30] US (14/949,852) 2015-11-23

[11] **3,004,905**
[13] C
[51] **Int.Cl. B65D 75/58 (2006.01)**
[25] EN
[54] **FOOD PACKAGE HAVING A RECLOSABLE OPENING FEATURE AND METHOD OF OPENING, REMOVING A FOOD PRODUCT AND RECLOSING A RECLOSABLE FOOD PACKAGE**
[54] **EMBALLAGE ALIMENTAIRE AYANT UN ELEMENT D'OUVERTURE REFERMABLE ET PROCEDE D'OUVERTURE, DE RETRAIT D'UN PRODUIT ALIMENTAIRE ET DE REFERMETURE D'UN EMBALLAGE ALIMENTAIRE REFERMABLE**
[72] VETERNIK, PAUL, DE
[73] INTERCONTINENTAL GREAT BRANDS LLC,
[85] 2018-05-09
[86] 2016-12-06 (PCT/US2016/065123)
[87] (WO2017/100179)
[30] US (14/963,306) 2015-12-09

[11] **3,005,567**
[13] C
[51] **Int.Cl. B01J 4/00 (2006.01) D21C 1/02 (2006.01)**
[25] EN
[54] **STEAM SAVING DEVICE**
[54] **DISPOSITIF D'ECONOMIE DE VAPEUR**
[72] HUEHNLEIN, BJOERN, DE
[72] HOPPE, THOMAS, DE
[72] HORTSCH, RALF, DE
[72] GRASER, KONSTANZE, DE
[73] CLARIANT INTERNATIONAL LTD,
[85] 2018-05-14
[86] 2016-11-30 (PCT/EP2016/079272)
[87] (WO2017/102330)
[30] EP (15199879.6) 2015-12-14

[11] **3,009,008**
[13] C
[51] **Int.Cl. B60D 1/06 (2006.01) B60D 1/58 (2006.01) B62D 53/04 (2006.01)**
[25] EN
[54] **GOOSENECK COUPLER**
[54] **ATTELAGE EN COL DE CYGNE**
[72] BORKHOLDER, CARL J., US
[73] BORKHOLDER, CARL J.,
[86] (3009008)
[87] (3009008)
[22] 2018-06-21
[30] US (15661758) 2017-07-27

[11] **3,009,014**
[13] C
[51] **Int.Cl. B60D 1/30 (2006.01) B60D 1/06 (2006.01) B62D 53/04 (2006.01)**
[25] EN
[54] **FIFTH WHEEL TO GOOSENECK TORSION SUSPENSION COUPLER**
[54] **ATTELAGE DE SUSPENSION A BARRE DE TORSION EN COL DE CYGNE POUR SELLETTE D'ATTELAGE**
[72] BORKHOLDER, CARL J., US
[73] BORKHOLDER, CARL J.,
[86] (3009014)
[87] (3009014)
[22] 2018-06-21
[30] US (15661758) 2017-07-27
[30] US (15909052) 2018-03-01

[11] **3,010,090**
[13] C
[51] **Int.Cl. C12N 1/20 (2006.01) C12P 23/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING FERMENTED CAROTENOID BY PARACOCCUS SPP. CULTURED IN COBALT-CONTAINING MEDIUM**
[54] **PROCEDE DE PRODUCTION DE CAROTENOIDES FERMENTES EN UTILISANT DES BACTERIES PRODUISANT DES CAROTENOIDES OBTENUES EN UTILISANT UN MILIEU DE CULTURE CONTENANT DU COBALT**
[72] YATA, TETSUHISA, JP
[72] YONEDA, HISASHI, JP
[72] AZUMA, MITSUTOSHI, JP
[72] HIRASAWA, KAZUAKI, JP
[73] JXTG NIPPON OIL & ENERGY CORPORATION,
[85] 2018-06-28
[86] 2016-12-27 (PCT/JP2016/088821)
[87] (WO2017/115774)
[30] JP (2015-255920) 2015-12-28

[11] **3,010,384**
[13] C
[51] **Int.Cl. A01C 15/00 (2006.01) A01C 23/00 (2006.01)**
[25] EN
[54] **SPREADER FOR PARTICULATE MATERIAL**
[54] **EPANDEUR DE MATIERE PARTICULAIRE**
[72] GRAY, GEOF J., CA
[72] AVERINK, JOHN MARK, CA
[72] BAKER, BRADLEY WILLIAM, CA
[72] DYCK, JESSE ABRAM, CA
[72] PASMA, CHAD DEREK, CA
[72] LEHMAN, ADAM, CA
[72] RICE, DENNIS, CA
[73] SALFORD GROUP INC.,
[85] 2018-08-02
[86] 2018-03-21 (PCT/CA2018/050339)
[87] (WO2018/170594)
[30] US (62/476,383) 2017-03-24

[11] **3,010,649**
[13] C
[51] **Int.Cl. A47J 37/07 (2006.01)**
[25] EN
[54] **COOKING GRILL TRELLIS BURNER**
[54] **BRULEUR A TREILLIS DESTINE A UN GRILL DE CUISSON**
[72] WENZEL, HANS F., US
[72] MOY, CHRIS, US
[72] NILSSEN, RAY, US
[73] HESTAN COMMERCIAL CORPORATION,
[86] (3010649)
[87] (3010649)
[22] 2016-12-23
[62] 3,009,636
[30] US (62/387,494) 2015-12-23

[11] **3,010,882**
[13] C
[51] **Int.Cl. G05D 1/00 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **FALL BACK TRAJECTORY SYSTEMS FOR AUTONOMOUS VEHICLES**
[54] **SYSTEMES DE TRAJECTOIRE DE REPLI POUR VEHICULES AUTONOMES**
[72] BARTON-SWEENEY, ANDREW, US
[72] EGNOR, DANIEL TRAWICK, US
[72] FAIRFIELD, NATHANIEL, US
[73] WAYMO LLC,
[85] 2018-07-09
[86] 2016-12-22 (PCT/US2016/068233)
[87] (WO2017/120057)
[30] US (14/991,150) 2016-01-08
[30] US (15/371,595) 2016-12-07

[11] **3,013,165**
[13] C
[51] **Int.Cl. F03D 17/00 (2016.01)**
[25] EN
[54] **METHOD FOR MONITORING THE VIBRATIONAL STATE OF A WIND TURBINE**
[54] **PROCEDE POUR SURVEILLER L'ETAT OSCILLATOIRE D'UNE EOLIENNE**
[72] FRANKE, JAN-BERND, DE
[72] KULSE, SEBASTIAN, DE
[73] INNOGY SE,
[85] 2018-07-30
[86] 2017-02-15 (PCT/EP2017/053426)
[87] (WO2017/144327)
[30] DE (10 2016 203 013.2) 2016-02-25

[11] **3,014,417**
[13] C
[51] **Int.Cl. G09F 9/33 (2006.01) G06F 1/16 (2006.01) G09F 7/00 (2006.01) H05K 1/00 (2006.01)**
[25] EN
[54] **VENTED LED DISPLAY AND METHOD OF MANUFACTURING**
[54] **AFFICHAGE A LED VENTILE ET PROCEDE DE FABRICATION**
[72] QI, ZEMING, CN
[73] DIGITAL OUTDOOR LLC,
[85] 2018-08-13
[86] 2017-02-15 (PCT/US2017/017900)
[87] (WO2017/146952)
[30] US (15/053,789) 2016-02-25

[11] **3,014,447**
[13] C
[51] **Int.Cl. H01M 10/48 (2006.01) G01B 7/26 (2006.01) G01F 23/26 (2006.01)**
[25] EN
[54] **LIQUID LEVEL SENSOR FOR BATTERY MONITORING SYSTEMS**
[54] **CAPTEUR DE NIVEAU DE LIQUIDE POUR SYSTEMES DE SURVEILLANCE DE BATTERIE**
[72] HERREMA, MARK, US
[72] EARL, RON D., US
[72] KLOOTE, SCOTT, US
[72] FOX, JASON L., US
[72] SHINEW, MATTHEW T., US
[72] MOELKER, DAVID A., US
[73] FLOW-RITE CONTROLS, LTD.,
[85] 2018-08-13
[86] 2016-12-28 (PCT/US2016/068880)
[87] (WO2017/164957)
[30] US (15/079,125) 2016-03-24

[11] **3,014,573**
[13] C
[51] **Int.Cl. E21B 44/00 (2006.01) G05B 19/02 (2006.01)**
[25] EN
[54] **REAL-TIME OPTIMIZATION AND VISUALIZATION OF PARAMETERS FOR DRILLING OPERATIONS**
[54] **OPTIMISATION ET VISUALISATION EN TEMPS REEL DE PARAMETRES POUR DES OPERATIONS DE FORAGE**
[72] SAMUEL, ROBELLO, US
[72] REDDY, UMESH N., US
[72] ANIKET, ANIKET, US
[72] LIU, ZHENGCHUN M., US
[72] URDANETA, GUSTAVO A., US
[73] LANDMARK GRAPHICS CORPORATION,
[85] 2018-08-13
[86] 2016-04-15 (PCT/US2016/027911)
[87] (WO2017/180157)

[11] **3,016,802**
[13] C
[51] **Int.Cl. G09F 17/00 (2006.01) E01F 9/654 (2016.01) A63B 69/00 (2006.01) A63B 71/02 (2006.01) E04H 12/32 (2006.01)**
[25] EN
[54] **SYSTEM FOR QUICKLY DEPLOYING AND COLLECTING VISIBLE MARKERS**
[54] **SYSTEME DE DEPLOIEMENT RAPIDE ET DE COLLECTE DE MARQUEURS VISIBLES**
[72] HARLEY, ALIX, CA
[73] HARLEY, ALIX,
[86] (3016802)
[87] (3016802)
[22] 2018-09-07
[30] US (62/555,787) 2017-09-08

[11] **3,017,574**
[13] C
[51] **Int.Cl. G08G 1/07 (2006.01) H04W 4/12 (2009.01) H04W 4/024 (2018.01) G08C 17/02 (2006.01) G08G 1/095 (2006.01) G08G 1/0955 (2006.01)**
[25] EN
[54] **ADVANCED WIRELESS PUSH BUTTON FOR ACCESSIBLE PEDESTRIAN SYSTEM**
[54] **BOUTON-POUSSOIR SANS FIL EVOLUE DESTINE A UN SYSTEME PIETONNIER ACCESSIBLE**
[72] ALADAS, MOTAZ, CA
[73] ALADAS, MOTAZ,
[86] (3017574)
[87] (3017574)
[22] 2018-09-17
[30] US (15881730) 2018-01-27

[11] **3,018,950**
[13] C
[51] **Int.Cl. A62C 37/12 (2006.01) A62C 35/64 (2006.01) A62C 37/08 (2006.01) A62C 37/09 (2006.01) A62C 37/10 (2006.01) B05B 1/26 (2006.01)**
[25] EN
[54] **RESIDENTIAL CONCEALED SPRINKLER**
[54] **EXTINCTEUR RESIDENTIEL DISSIMULE**
[72] PIPE, JED, US
[73] THE VIKING CORPORATION,
[85] 2018-09-25
[86] 2017-01-31 (PCT/US2017/015714)
[87] (WO2017/180224)
[30] US (15/099,564) 2016-04-14

[11] **3,020,262**
[13] C
[51] **Int.Cl. C01B 33/023 (2006.01) C01B 33/02 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR MANUFACTURING HIGH PURITY SILICON**
[54] **UN SYSTEME ET UNE METHODE DE FABRICATION DE SILICIUM DE GRANDE PURETE**
[72] DOOLEY, KEVIN ALLAN, CA
[72] MORRIS, ELWOOD A., CA
[73] KEVIN ALLAN DOOLEY INC.,
[85] 2018-10-10
[86] 2018-07-10 (PCT/CA2018/050840)
[87] (3020262)
[30] US (62/578,141) 2017-10-27

[11] **3,020,674**
[13] C
[51] **Int.Cl. A41D 13/11 (2006.01) A62B 18/02 (2006.01)**
[25] EN
[54] **MASK PROVIDED WITH LATCH**
[54] **MASQUE DOTE D'UN VERROU**
[72] SHIBATA, SHINNOSUKE, JP
[73] KOKEN LTD.,
[85] 2018-10-11
[86] 2017-04-13 (PCT/JP2017/015059)
[87] (WO2017/183545)
[30] JP (2016-085601) 2016-04-21

[11] **3,023,541**
[13] C
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 34/06 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **LOCKING RING SYSTEM FOR USE IN FRACKING OPERATIONS**
[54] **SYSTEME DE BAGUE DE VERROUILLAGE DESTINE A DES OPERATIONS DE FRACTURATION**
[72] CAMPBELL, SEAN P., CA
[73] SC ASSET CORPORATION,
[86] (3023541)
[87] (3023541)
[22] 2017-11-21
[62] 2,999,298

[11] **3,023,987**
[13] C
[51] **Int.Cl. H04W 52/36 (2009.01) H04W 52/34 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR POWER HEADROOM TRANSMISSION IN A WIRELESS DEVICE AND WIRELESS NETWORK**
[54] **PROCEDES ET APPAREILS DE TRANSMISSION DE MARGE DE PUISSANCE DANS UN DISPOSITIF SANS FIL ET UN RESEAU SANS FIL**
[72] DINAN, ESMAEL, US
[73] OFINNO, LLC,
[85] 2018-11-09
[86] 2017-05-26 (PCT/US2017/034777)
[87] (WO2017/205797)
[30] US (62/341,732) 2016-05-26

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[11] **3,024,685**
[13] C
[51] **Int.Cl. H02B 11/127 (2006.01) E21B 41/00 (2006.01) F16M 3/00 (2006.01) H02B 1/52 (2006.01)**
[25] EN
[54] **DEVICE FOR REMOTELY RACKING A CIRCUIT BREAKER INTO AND OUT OF A CIRCUIT BREAKER CRADLE**
[54] **DISPOSITIF DE DEBROCHAGE A DISTANCE D'UN DISJONCTEUR DANS UN RECEPTACLE DE DISJONCTEUR**
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[73] PARR, WILLIAM R.,
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[54] **TETHER SYSTEM FOR PROVIDING POWER FROM A VEHICLE TO A GARMENT**
[54] **SYSTEME D'ANCRAGE POUR FOURNIR DE L'ENERGIE D'UN VEHICULE A UN VETEMENT**
[72] LECOINTRE, ALEXANDRE, CA
[72] DEMERS, JEROME, CA
[73] BOMBARDIER RECREATIONAL PRODUCTS INC.,
[85] 2018-11-21
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[25] EN
[54] **METHOD AND APPARATUS FOR DIRECT RECOVERY OF MINERAL VALUES AS A BUBBLE-SOLIDS AGGREGATE**
[54] **PROCEDE ET APPAREIL POUR LA RECUPERATION DIRECTE DE SUBSTANCES MINERALES DE VALEUR SOUS FORME DE BULLE-AGREGAT DE MATIERES SOLIDES**
[72] KOSICK, GLENN A., CA
[72] DOBBY, GLENN S., CA
[72] MCINNES, CATHERINE A., CA
[73] 2678380 ONTARIO INC.,
[85] 2018-11-20
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR MANAGING OR IMPROVING BONE DISORDERS, CARTILAGE DISORDERS, OR BOTH**
[54] **COMPOSITIONS ET METHODES DE PRISE EN CHARGE OU D'ATTENUATION DE TROUBLES OSSEUX, DE TROUBLES DU CARTILAGE OU DES DEUX**
[72] BROWNELL, LIDIA ALFARO, US
[72] CHU, MIN, US
[72] HONG, MEI-FENG, US
[72] HYUN, EU-JIN, KR
[72] JIA, QI, US
[72] JIAO, PING, US
[72] KIM, HYUN-JIN, KR
[72] YIMAM, MESFIN, US
[72] NAM, JEONG-BUM, KR
[72] LEE, YOUNG-CHUL, KR
[72] KIM, TAE-WOO, KR
[72] KIM, MI-RAN, KR
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[54] **FIBER REINFORCED POLYPROPYLENE COMPOSITE**
[54] **COMPOSITE DE POLYPROPYLENE RENFORCE PAR DES FIBRES**
[72] LUMMERSTORFER, THOMAS, AT
[72] JERABEK, MICHAEL, AT
[72] SOBCZAK, LUKAS, AT
[72] HAIDER, ANDREAS, AT
[73] BOREALIS AG,
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[54] **MOTOR CONTROL DEVICE AND CONTROL METHOD**
[54] **DISPOSITIF ET PROCEDE DE COMMANDE DE MOTEUR**
[72] KAWAMURA, HIROMICHI, JP
[73] NISSAN MOTOR CO., LTD.,
[85] 2018-12-18
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[54] **METHOD FOR FORMING HIGHLY REACTIVE OLEFIN FUNCTIONAL POLYMERS**
[54] **METHODE DE FORMAGE DE POLYMERES FONCTIONNELS D'OLEFINE HAUTEMENT REACTIFS**
[72] FAUST, RUDOLF, US
[72] EMERT, JACOB, US
[72] DIMITROV, PHILIP, US
[72] HOBIN, PETER, GB
[72] NESTI, KYLE, GB
[73] UNIVERSITY OF MASSACHUSETTS,
[73] INFINEUM INTERNATIONAL LIMITED,
[86] (3031293)
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[54] **METHOD FOR CONTROLLING THE PRODUCTION OF A BIOCIDE**
[54] **PROCEDE POUR LE REGLAGE DE LA PRODUCTION D'UN BIOCIDE**
[72] BARAK, AYALA, IL
[73] A.Y. LABORATORIES LTD.,
[86] (3031620)
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[54] **METHOD AND SYSTEM FOR MOBILE DEVICE LOCALIZATION-BASED ACCESS**
[54] **METHODE ET SYSTEME D'ACCES A UN DISPOSITIF MOBILE FONDE SUR LA LOCALISATION**
[72] BAVAND, MAJID, CA
[72] NAGPAL, PARAMVIR SINGH, CA
[72] HAMIDIFAR, SAEEDEH, CA
[73] MAPSTED CORP.,
[86] (3032771)
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[25] EN
[54] **SUPERCONDUCTING ISOCHRONOUS RECEIVER SYSTEM**
[54] **SYSTEME DE RECEPTEUR ISOCHRONE SUPRACONDUCTEUR**
[72] DAI, HAITAO O., US
[72] HERR, QUENTIN P., US
[72] SHAUCK, STEVEN B., US
[72] HERR, ANNA Y., US
[72] BURNETT, RANDALL M., US
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION,
[85] 2019-02-26
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[25] EN
[54] **METHODS AND SYSTEMS FOR ANALYZING STREAMING MEDIA SESSIONS**
[54] **PROCEDES ET SYSTEMES POUR ANALYSER DES SESSIONS MULTIMEDIAS EN CONTINU**
[72] SINGH, VARUN, FI
[72] OTT, JORG, DE
[73] CALLSTATS I/O OY,
[85] 2019-02-27
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[25] EN
[54] **ADSORPTION MATERIAL AND METHOD FOR TREATING POLLUTANTS**
[54] **MATERIAU ABSORBANT ET METHODE DE TRAITEMENT DE POLLUANTS**
[72] LI, XUEBING, CN
[72] YU, PEI, CN
[72] CUI, MENGTAO, CN
[72] SHI, QUAN, CN
[72] XU, ZHIMING, CN
[72] ZHAO, SUOQI, CN
[72] XU, CHUNMING, CN
[72] CHUNG, KENG H., CA
[72] CHUNG, WARREN, CA
[73] WELL RESOURCES INC.,
[86] (3035886)
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[54] **ARCHITECTURE FOR AUGMENTING VIDEO DATA OBTAINED BY A CLIENT DEVICE WITH ONE OR MORE EFFECTS DURING RENDERING**
[54] **ARCHITECTURE POUR ENRICHIR DES DONNEES VIDEO OBTENUES PAR UN DISPOSITIF CLIENT AVEC UN OU PLUSIEURS EFFETS AU COURS DU RENDU**
[72] PIQUE CORCHS, HERMES GERMI, US
[72] PUGIN, KIRILL A., US
[72] RACASANU, RAZVAN GABRIEL, US
[72] MILLER, COLIN TODD, US
[72] SRINIVASAN, RAGAVAN, US
[73] FACEBOOK, INC.,
[85] 2019-03-19
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[54] **BAR-BELL DESIGN WITH ROTATABLE HAND GRIPS**
[54] **CONCEPTION D'HALTERE A POIGNEES ROTATIVES**
[72] LIGHT, SEAN, CA
[72] LIGHT, FRED, CA
[73] BODYROCKTV INC.,
[85] 2019-03-21
[86] 2017-07-28 (PCT/CA2017/050911)
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[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING FUEL FLOW TO A GAS TURBINE ENGINE BASED ON MOTION SENSOR DATA**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'ECOULEMENT DE CARBURANT VERS UN MOTEUR A TURBINE A GAZ SUR LA BASE DE DONNEES DE CAPTEUR DE MOUVEMENT**
[72] GUTZ, DAVID ALLEN, US
[73] GENERAL ELECTRIC COMPANY,
[85] 2019-03-27
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[25] EN
[54] **METHOD AND SYSTEM FOR MOBILE DEVICE LOCALIZATION REGION IN TRUSTED-GPS REGION**
[54] **METHODE ET SYSTEME DE LOCALISATION D'UN DISPOSITIF MOBILE DANS UNE REGION DE GPS FIABLE**
[72] GULO, EROS, CA
[72] HUBERMAN, SEAN, CA
[73] MAPSTED CORP.,
[86] (3043731)
[87] (3043731)
[22] 2019-05-16
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[25] EN
[54] **METHOD AND SYSTEM FOR MOBILE DEVICE PROCESSING TIMEOUT BASED LOCALIZATION**
[54] **METHODE ET SYSTEME DE PAUSE DE TRAITEMENT DE DISPOSITIF MOBILE FONDES SUR LA LOCALISATION**
[72] GULO, EROS, CA
[72] HUBERMAN, SEAN, CA
[73] MAPSTED CORP.,
[86] (3043913)
[87] (3043913)
[22] 2019-05-16
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[25] EN
[54] **A TILTED ROLLER SYSTEM FOR LAMINATED PRODUCTS**
[54] **SYSTEME A ROULEAUX INCLINES POUR PRODUITS LAMINES**
[72] CARIDIS, ANDREW ANTHONY, US
[72] ZARATE ANDRADE, LEOPOLDO, MX
[72] GOMEZ ANGULO, MIGUEL ANGEL, MX
[72] GONZALEZ GRANADOS, SERGIO, MX
[72] LORENZANA SAUCEDO, MARIO, MX
[73] HEAT AND CONTROL, INC.,
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[54] **CHACAWAY**
[72] BROOKS, GEORGE E., CA
[72] UNKNOWN, XX
[71] BROOKS, GEORGE E., CA
[22] 2018-04-30
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[51] **Int.Cl. H04L 9/32 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR MANAGING A DATA REQUEST INTERFACE**
[54] **SYSTEMES ET METHODE DE GESTION D'UNE INTERFACE DE DEMANDE DE DONNEES**
[72] DUNJIC, MILOS, CA
[72] TAX, DAVID SAMUEL, CA
[72] CHOW, ARTHUR CARROLL, CA
[72] NAIRN, PETER GLEN, CA
[72] HOOD, EDWARD JAMES, CA
[72] LOZON, MARTIN ALBERT, CA
[72] LEE, JOHN JONG-SUK, CA
[72] JAGGA, ARUN VICTOR, CA
[71] THE TORONTO-DOMINION BANK, CA
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[25] EN
[54] **FINGERPRINT RECOGNITION FOR POINT OF SALES TERMINAL SYSTEM**
[54] **RECONNAISSANCE D'EMPREINTE DIGITALE DESTINEE A UN SYSTEME DE TERMINAL DE POINT DE VENTE**
[72] DASS, NEAL, CA
[72] DASS, VEDA, CA
[71] DASS, NEAL, CA
[71] DASS, VEDA, CA
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[54] **SAND DISPENSER AND SPREADER**
[54] **DISTRIBUTEUR EPANDEUR DE SABLE**
[72] IFIONU, ELOCHUKWU A., CA
[71] IFIONU, ELOCHUKWU A., CA
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[54] **SYSTEM FOR GIVING A MEANINGFUL GIFT**
[54] **SYSTEME SERVANT A DONNER UN CADEAU SIGNIFICATIF**
[72] EGOROV, STANISLAV, CA
[71] EGOROV, STANISLAV, CA
[22] 2018-04-27
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[51] **Int.Cl. G01N 15/10 (2006.01)**
[25] EN
[54] **METHODS OF DIAGNOSING DISEASE USING MICROFLOW CYTOMETRY**
[54] **METHODES DE DIAGNOSTIC D'UNE MALADIE A L'AIDE DE LA CYTOMETRIE A PETIT DEBIT**
[72] LEWIS, JOHN, CA
[72] PAPROSKI, ROBERT, CA
[72] PINK, DESMOND, CA
[72] VASQUEZ, CATALINA, CA
[71] NANOSTICS INC., CA
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[54] **A THERMODYNAMIC TRANSISTOR**
[54] **UN TRANSISTOR THERMODYNAMIQUE**
[72] WANG, YU, CA
[71] WANG, YU, CA
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[25] EN
[54] **SYSTEMS AND METHODS FOR PREDICTING TUBE FOULING IN A FIRED APPARATUS, AND FOR UTILIZING TUBE FOULING PREDICTIONS**
[54] **SYSTEMES ET PROCEDES DESTINES A PREDIRE L'ENCRASSEMENT DES TUBES DANS UN APPAREIL A COMBUSTION ET POUR UTILISER LES PREDICTIONS D'ENCRASSEMENT DES TUBES**
[72] QI, FEI, CA
[72] WALKER, MATHEW, CA
[71] SUNCOR ENERGY INC., CA
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[54] **SELF-PROPELLED FILLING PIPE**
[54] **TUYAU DE REMPLISSAGE AUTOPROPULSE**
[72] NUHN, IAN, CA
[71] NUHN INDUSTRIES LTD., CA
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[25] EN
[54] **SYSTEM AND METHOD FOR RENDERING OF AN ANIMATED AVATAR**
[54] **SYSTEME ET PROCEDE DE RENDU D'UN AVATAR ANIME**
[72] JENKIN, MICHAEL, CA
[72] TARAWNEH, ENAS, CA
[71] JENKIN, MICHAEL, CA
[71] TARAWNEH, ENAS, CA
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[54] **DEFORMABLE TAMPON**
[54] **TAMPON DEFORMABLE**
[72] CHIEN, YUAN-CHENG, CN
[71] CHIEN, YUAN-CHENG, CN
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[51] **Int.Cl. C02F 3/00 (2006.01) A62D 3/02 (2007.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TREATING EFFLUENT**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'EFFLUENT**
[72] WATCHMAN, DALE ANDREW, CA
[71] BAYER CROPSCIENCE INC., CA
[22] 2018-04-30
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[25] EN
[54] **A SYSTEM AND A METHOD FOR FABRICATION OF ARSENIC GLASS**
[54] **SYSTEME ET PROCEDE DE FABRICATION DE VERRE D'ARSENIC**
[72] NASRALLAH, KHALIL, CA
[72] BARBAROUX, ROMAIN, CA
[72] LALANCETTE, JEAN-MARC, CA
[72] LEMIEUX, DAVID, CA
[71] DUNDEE SUSTAINABLE TECHNOLOGIES INC., CA
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[54] **SYSTEMS AND METHODS FOR GENERATING A RANDOM NUMBER SEQUENCE**
[54] **SYSTEMES ET PROCEDES POUR GENERER UNE SEQUENCE DE NUMEROS ALEATOIRES**
[72] TAHA, MOSTAFA, CA
[72] REYHANI-MASOLEH, ARASH, CA
[72] REYHANI-MASOLEH, ARASH, US
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
[71] VIRGINIA TECH INTELLECTUAL PROPERTIES, INC., US
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[54] **METHOD OF TRANSFORMING MARINE SLUB INTO AGRICULTURAL GROWTH PRODUCTS**
[54] **METHODE DE TRANSFORMATION DE MATIERE MARINE EN PRODUITS DE CROISSANCE AGRICOLE**
[71] STRATTON, ALPHONSUS D., CA
[22] 2018-05-01
[41] 2019-11-01

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[51] **Int.Cl. A01D 41/127 (2006.01) A01D 41/12 (2006.01)**
[25] EN
[54] **DROP PAN SYSTEM AND SAMPLE SEPARATOR FOR GRAIN LOSS MEASUREMENT OR OTHERSAMPLE COLLECTION AND ASSESSMENT**
[54] **SYSTEME A BAC TOMBANT ET SEPARATEUR D'ECHANTILLON POUR LA MESURE DE LA PERTE DE GRAIN OU LA COLLECTE ET L'EVALUATION D'AUTRES ECHANTILLONS**
[72] KRINGE, MARCEL, CA
[72] KRINGE, MARCEL, DE
[71] KRINGE, MARCEL, CA
[22] 2018-05-01
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[51] **Int.Cl. A01K 1/015 (2006.01) C08K 3/34 (2006.01) C08L 1/02 (2006.01) C08L 97/02 (2006.01)**
[25] EN
[54] **ANIMAL BEDDING COMPOSED OF RECYCLED PAPER MILL RESIDUE, LIMING AGENT, AND MISCANTHUS**
[54] **LITIERE POUR ANIMAUX COMPOSEE DE RESIDUS D'USINE DE PAPIER RECYCLE, D'UN AGENT DE CHAULAGE ET DE MISCANTHUS**
[72] ALASHQAR, ABDELHADI AHMAD SULEIMAN, CA
[71] ALASHQAR, ABDELHADI AHMAD SULEIMAN, CA
[22] 2018-05-02
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[51] **Int.Cl. B60W 50/14 (2012.01)**
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[54] **VOICE PROMPT DRIVER SAFETY AND RESPONSIBILITY REMINDER SYSTEM(VPDSRRS)**
[54] **SYSTEME DE RAPPEL DE SECURITE ET DE RESPONSABILITE A MESSAGES VOCAUX POUR CONDUCTEURS**
[72] MARITO, MENDOZA C., CA
[71] MARITO, MENDOZA C., CA
[22] 2018-05-02
[41] 2019-11-02

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[25] EN
[54] **LIGHT ENGINE FOR AND METHOD OF SIMULATING A FLAME**
[54] **MOTEUR DE LUMIERE PERMETTANT DE SIMULER UNE FLAMME ET PROCEDE DE SIMULATION DE CELLE-CI**
[72] WEI, NINGHUA, CN
[71] MUMEDIA PHOTOELECTRIC LIMITED, CN
[22] 2018-05-02
[41] 2019-11-02

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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 23/01 (2006.01) E21B 23/06 (2006.01) E21B 33/12 (2006.01) E21B 33/129 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **BOTTOM HOLE ASSEMBLY AND METHODS FOR COMPLETION**
[54] **ENSEMBLE TROU DE FOND ET PROCEDES D'EXECUTION**
[72] ARABSKYY, SERHIY, CA
[72] BARABASH, ANDREW, CA
[71] INTERRA ENERGY SERVICES LTD., CA
[22] 2018-05-01
[41] 2019-11-01

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[51] **Int.Cl. F21S 2/00 (2016.01) F21K 9/00 (2016.01) H05B 37/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ILLUMINATION, MONITORING, OR BOTH**
[54] **SYSTEMES ET PROCEDES POUR ECLAIRAGE OU SURVEILLANCE OU LES DEUX**
[72] TUCKER, RYAN THOMAS, CA
[72] TASCHUK, MICHAEL THOMAS, CA
[71] G2V OPTICS INC., CA
[22] 2018-05-02
[41] 2019-11-02

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) F21K 9/00 (2016.01) F21S 2/00 (2016.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ILLUMINATION, MONITORING, OR COORDINATING ILLUMINATION OR MONITORING ACROSS AN AREA**
[54] **SYSTEMES ET PROCEDES POUR ECLAIRAGE, SURVEILLANCE OU COORDINATION D'ECLAIRAGE OU DE SURVEILLANCE DANS UNE ZONE**
[72] TASCHUK, MICHAEL THOMAS, CA
[72] TUCKER, RYAN THOMAS, CA
[71] G2V OPTICS INC., CA
[22] 2018-05-02
[41] 2019-11-02

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[13] A1
[51] **Int.Cl. E06B 1/70 (2006.01)**
[25] EN
[54] **PROTECTIVE COVER**
[54] **COUVERCLE DE PROTECTION**
[72] KENDALL, ADAM, US
[71] ENDURA PRODUCTS, INC., US
[22] 2018-05-30
[41] 2019-11-01
[30] US (15/967,995) 2018-05-01

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[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01)**
[25] EN
[54] **CLIENT CREATION OF SHARED SEGMENTS**
[54] **CREATION PAR DES CLIENTS DE SEGMENTS PARTAGES**
[72] PETROSSOV, SERGEY, US
[72] KIRSANOV, MIKHAIL, US
[72] OLEYARSH, OLGA, US
[71] JETSMARTER INC., US
[22] 2018-07-10
[41] 2019-11-01
[30] US (15/968,478) 2018-05-01

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[51] **Int.Cl. B01J 20/26 (2006.01) A61B 50/30 (2016.01) A61J 1/05 (2006.01) B32B 3/04 (2006.01) B65D 81/26 (2006.01)**
[25] EN
[54] **DEVICE FOR THE JELLIFICATION OF A WATER-BASED FLUID, USE AND METHOD FOR TRANSFORMING THE WATER-BASED FLUID INTO A SOLID GEL, AND A METHOD FOR THE MANUFACTURE OF SAID DEVICE**
[54] **DISPOSITIF DE GELIFICATION D'UN FLUIDE A BASE D'EAU, UTILISATION ET METHODE EN VUE DE TRANSFORMER LE FLUIDE A BASE D'EAU EN GEL SOLIDE, ET UNE METHODE DE FABRICATION DUDIT DISPOSITIF**
[72] TANGUAY, ERIC, CA
[72] PELLETIER, ERIC, CA
[71] HY-INDUSTRIE INC., CA
[22] 2018-07-27
[41] 2019-10-27
[30] US (62/663,514) 2018-04-27

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[13] A1
[51] **Int.Cl. A01B 63/111 (2006.01) A01B 63/00 (2006.01) A01D 41/12 (2006.01)**
[25] EN
[54] **CONTROLLING A POSITIONING SYSTEM FOR AN AGRICULTURAL IMPLEMENT**
[54] **COMMANDE D'UN SYSTEME DE POSITIONNEMENT D'UN ACCESSOIRE AGRICOLE**
[72] SMITH, SCOTT DOUGLAS, CA
[72] HONEY, GLENN RAYMOND, CA
[71] HONEY BEE MANUFACTURING LTD., CA
[22] 2018-08-09
[41] 2019-10-27
[30] US (15/965,580) 2018-04-27

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[13] A1
[51] **Int.Cl. A01D 91/00 (2006.01) A01D 44/00 (2006.01)**
[25] EN
[54] **A CAPTURE DEVICE FOR HYDRAULIC TRANSMITTED WETLAND PLANT SEEDS AND METHOD THEREOF**
[54] **UN DISPOSITIF DE CAPTURE DESTINE A DES SEMENCES DE MILIEU HUMIDE TRANSMISES DE MANIERE HYDRAULIQUE ET METHODE ASSOCIEE**
[72] LI, WIE, CN
[72] DOU, ZHIGUO, CN
[72] CUI, LIJUAN, CN
[72] KANG, XIAOMING, CN
[72] ZHANG, XIAODONG, CN
[72] WANG, YAN, CN
[72] LI, CHUNYI, CN
[72] ZHAO, XINSHENG, CN
[72] HU, YUKUN, CN
[72] XU, HUIBO, CN
[72] CAI, YANG, CN
[72] ZUO, XUEYAN, CN
[71] RESEARCH INSTITUTE OF FORESTRY NEW TECHNOLOGY, CHINESE ACADEMY OF FORESTRY, CN
[22] 2018-09-21
[41] 2019-10-27
[30] CN (201810390792.6) 2018-04-27

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[51] **Int.Cl. B63H 25/36 (2006.01) B63H 20/12 (2006.01) B63H 25/52 (2006.01)**
[25] EN
[54] **TROLLING MOTOR DIRECTION GUIDE AND METHOD**
[54] **GUIDE DE DIRECTION DE MOTEUR DE PECHE A LA TRAINE ET METHODE**
[72] DEBILT, BRUCE, US
[71] DEBILT, BRUCE, US
[22] 2018-09-27
[41] 2019-10-27
[30] US (15/965,016) 2018-04-27

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[13] A1
[51] **Int.Cl. A47C 4/42 (2006.01) A47C 4/00 (2006.01)**
[25] EN
[54] **CHAIR WITH SLOTTED HINGE FOLDING MECHANISM**
[54] **CHAISE AVEC MECANISME DE PLIAGE A CHARNIERE A FENTE**
[72] GARRISON, SCOTT, US
[72] FANG, KALMAN, CN
[71] RIO BRANDS, LLC, US
[22] 2018-10-19
[41] 2019-11-01
[30] US (15/968,737) 2018-05-01

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[13] A1
[51] **Int.Cl. B60R 3/02 (2006.01) B62D 25/22 (2006.01)**
[25] EN
[54] **FOOTREST FOR ASSISTING IN TOUCHING CAR ROOF**
[54] **REPOSE-PIED POUR AIDER A TOUCHER LE TOIT D'UNE VOITURE**
[72] MAO, XUFENG, CN
[71] MAO, XUFENG, CN
[22] 2018-11-19
[41] 2019-10-28
[30] CN (201820645717.5) 2018-04-28

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[13] A1
[51] **Int.Cl. B23K 26/382 (2014.01) B23K 26/0622 (2014.01) B64F 5/10 (2017.01) B23K 26/40 (2014.01) B64C 1/40 (2006.01) B64D 29/00 (2006.01) B64D 33/02 (2006.01) F02C 7/045 (2006.01)**
[25] EN
[54] **INNER BARREL OF AN ENGINE INLET WITH LASER-MACHINED ACOUSTIC PERFORATIONS**
[54] **BARIL INTERIEUR D'UNE ENTREE MOTEUR COMPORTANT DES PERFORATIONS ACOUSTIQUES USINEES AU LASER**
[72] REEVES, JAKE ADAM, US
[72] NEGLEY, MARK ALAN, US
[72] HERRERA, ERIC, US
[72] BAUMAN, JOHN SCOTT, US
[72] BERTOLUCCI, BRANDON L., US
[72] HORST, PERRY T., US
[71] THE BOEING COMPANY, US
[22] 2019-01-18
[41] 2019-10-27
[30] US (15/964,331) 2018-04-27

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[13] A1
[51] **Int.Cl. E21B 19/22 (2006.01) E21B 19/08 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM AND METHODS FOR MOVING A COILED TUBING STRING**
[54] **SYSTEME DE CONTROLE ET METHODES SERVANT A DEPLACER UNE COLONNE DE PRODUCTION SPIRALEE**
[72] WITTE, M. BRETT, US
[72] BEHRENS, RANDALL DEAN, US
[72] KALLIS, SHAUN, US
[72] SAUCEDA, JAVIER, US
[71] PREMIER COIL SOLUTIONS, INC., US
[22] 2019-01-25
[41] 2019-10-27
[30] US (15/964,937) 2018-04-27

[21] **3,033,954**
[13] A1
[51] **Int.Cl. G01N 29/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TESTING A STRUCTURE USING LASER ULTRASOUND**
[54] **SYSTEME ET PROCEDE POUR TESTER UNE STRUCTURE A L'AIDE D'ULTRASONS LASER**
[72] MOTZER, WILLIAM P., US
[72] GEORGESON, GARY E., US
[72] BINGHAM, JILL P., US
[72] KENNEDY, JAMES C., US
[72] GARVEY, JEFFRY J., US
[71] THE BOEING COMPANY, US
[22] 2019-02-14
[41] 2019-10-30
[30] US (15/966563) 2018-04-30

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[13] A1
[51] **Int.Cl. B65D 81/34 (2006.01) A47J 36/02 (2006.01) A47J 47/02 (2006.01) H05B 6/64 (2006.01)**
[25] EN
[54] **MICROWAVE REHEATING CONTAINER**
[54] **CONTENANT DE RECHAUFFAGE A MICRO-ONDES**
[72] BLACKAERT, DIMITRI M.C.J., US
[72] TABEY, LAURENT, US
[72] VERBRUGGE, STEVEN J., US
[72] SCHOUKENS, KRIS, US
[72] OZEL, BERIVAN, US
[72] CARRETTE, JOHAN, US
[71] DART INDUSTRIES INC., US
[22] 2019-02-21
[41] 2019-11-02
[30] US (15/969,121) 2018-05-02

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[51] **Int.Cl. B60D 1/48 (2006.01) A01B 59/04 (2006.01) B60D 1/14 (2006.01) B60D 1/50 (2006.01)**
[25] EN
[54] **DOUBLE MECHANISM SUSPENDED TONGUE FOR TOWED IMPLEMENTS**
[54] **LANGUETTE SUSPENDUE A DOUBLE MECANISME POUR OUTILS REMORQUES**
[72] GONZALEZ, IVAN ALEJANDRO, MX
[72] MARTINEZ, HECTOR GERALD, MX
[72] HERNANDEZ, JOSE ALBERTO, MX
[72] AQUINO, ADRIAN ANTONIO, MX
[71] DEERE & COMPANY, US
[22] 2019-02-28
[41] 2019-11-02
[30] US (15/969,382) 2018-05-02

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[13] A1
[51] **Int.Cl. E04B 1/32 (2006.01) E04B 1/76 (2006.01) E04B 7/08 (2006.01)**
[25] EN
[54] **DOUBLE-INSULATED DOUBLE-CLAD METAL BUILDING SYSTEM**
[54] **SYSTEME DE CONSTRUCTION METALLIQUE A DOUBLE GAINE ET DOUBLE ISOLATION**
[72] KNUDSON, GARY A., US
[71] KNUDSON, GARY A., US
[22] 2019-02-28
[41] 2019-11-01
[30] US (15/968308) 2018-05-01

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[13] A1
[51] **Int.Cl. E21B 7/02 (2006.01) E21D 20/00 (2006.01)**
[25] EN
[54] **DRILLING BOOM AND ROCK DRILLING RIG**
[54] **FLECHE DE FORAGE ET APPAREIL DE FORAGE DE ROCHE**
[72] KIVELA, TUOMO, FI
[72] LAUNIS, SIRPA, FI
[72] PUURA, JUSSI, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
[22] 2019-03-01
[41] 2019-10-30
[30] EP (18170127.7) 2018-04-30

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[13] A1
[51] **Int.Cl. B65D 51/16 (2006.01) B65D 47/32 (2006.01)**
[25] EN
[54] **VENTING CLOSURE**
[54] **SYSTEME DE FERMETURE AVEC PURGE D'AIR**
[72] KIM, SUNGSUK STEVE, US
[71] SILGAN WHITE CAP LLC, US
[22] 2019-03-04
[41] 2019-11-01
[30] US (15/968,313) 2018-05-01
[30] US (16/005,310) 2018-06-11

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[13] A1
[51] **Int.Cl. E02F 9/00 (2006.01) E02F 3/80 (2006.01) E02F 3/96 (2006.01)**
[25] EN
[54] **WORK VEHICLE WITH LATCHING CARRIER FOR ATTACHMENTS**
[54] **VEHICULE DE TRAVAIL AVEC SUPPORT A VERROUILLAGE POUR FIXATIONS**
[72] VILLARREAL, DIEGO ADRIAN, MX
[71] DEERE & COMPANY, US
[22] 2019-03-04
[41] 2019-11-02
[30] US (15/969,696) 2018-05-02

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[13] A1
[51] **Int.Cl. A61M 39/06 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **A MEDICAL VALVE WITH A VARIABLE DIAMETER SEAL**
[54] **VALVE MEDICALE DOTEE D'UN JOINT A DIAMETRE VARIABLE**
[72] FURNISH, GREG, US
[72] APPLING, ANTHONY, US
[72] MORRIS, BEN, US
[72] ZEIS, TIMOTHY S., US
[71] FREUDENBERG MEDICAL, LLC, US
[22] 2019-03-06
[41] 2019-10-30
[30] US (15/966,173) 2018-04-30

[21] **3,036,430**
[13] A1
[51] **Int.Cl. B65D 88/28 (2006.01) A01F 25/22 (2006.01) B65D 88/74 (2006.01) B65G 53/40 (2006.01) B65G 69/20 (2006.01) E04H 7/22 (2006.01)**
[25] EN
[54] **HOPPER BOTTOM FOR STORAGE BIN WITH INTEGRAL AERATION**
[54] **FOND DE TREMIE DESTINE A UN BAC DE STOCKAGE EQUIPE D'AERATION INTEGREE**
[72] SIEMENS, FRANZ W., CA
[71] SIEMENS, FRANZ W., CA
[22] 2019-03-12
[41] 2019-10-27
[30] US (62/663,666) 2018-04-27

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[51] **Int.Cl. A01B 29/04 (2006.01) A01B 29/06 (2006.01) A01B 33/02 (2006.01) A01B 33/08 (2006.01) A01B 49/02 (2006.01)**
[25] EN
[54] **ROLLING BASKET INTERNAL SCRAPER**
[54] **RACLEUR INTERNE DE PANIER ROULANT**
[72] CROSS, JACOB W., US
[72] SIKORA, ANTHONY, US
[72] BUSE, GREG T., US
[72] BLAUWET, BRYAN D., US
[71] DEERE & COMPANY, US
[22] 2019-03-14
[41] 2019-11-01
[30] US (62/665,189) 2018-05-01
[30] US (16/117,838) 2018-08-30

[21] **3,037,025**
[13] A1
[51] **Int.Cl. E21B 4/06 (2006.01) E21B 4/10 (2006.01) E21B 12/00 (2006.01)**
[25] EN
[54] **DOWNHOLE AUXILIARY DRILLING APPARATUS**
[54] **APPAREIL DE FORAGE AUXILIAIRE DE FOND DE TROU**
[72] ZENG, YIJIN, CN
[72] HU, QUNAI, CN
[72] ZHAO, CHENXI, CN
[72] CUI, XIAOJIE, CN
[72] ZHAO, JIANJUN, CN
[72] MA, LANRONG, CN
[72] CHENG, GUANGMING, CN
[72] SUN, LIANZHONG, CN
[72] HOU, NAIHE, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] SINOPEC RESEARCH INSTITUTE OF PETROLEUM ENGINEERING, CN
[22] 2019-03-18
[41] 2019-10-27
[30] CN (201810392282.2) 2018-04-27
[30] CN (201810391598.X) 2018-04-27

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[13] A1
[51] **Int.Cl. A47L 9/32 (2006.01) A47L 5/36 (2006.01) A47L 7/00 (2006.01)**
[25] EN
[54] **VACUUM CLEANER INCLUDING COMBINED HANDLE AND LID LATCH SYSTEM AND METHODS OF ASSEMBLING SAME**
[54] **ASPIRATEUR COMPRENANT UN SYSTEME COMBINE DE POIGNEE ET DE LOQUET DE COUVERCLE ET METHODES D'ASSEMBLAGE ASSOCIEES**
[72] TOMASIAK, MARK J., US
[72] WALL, ALEX J., US
[71] EMERSON ELECTRIC CO., US
[22] 2019-03-18
[41] 2019-10-27
[30] US (15/965334) 2018-04-27

[21] **3,037,690**
[13] A1
[51] **Int.Cl. A47J 27/00 (2006.01) A47J 36/00 (2006.01) B65D 25/00 (2006.01) B65D 81/34 (2006.01)**
[25] EN
[54] **DEVICE FOR AND METHOD OF MICROWAVE HEATING WITH INVERSION**
[54] **DISPOSITIF ET PROCEDE DE CHAUFFAGE PAR MICRO-ONDES AVEC INVERSION**
[72] WIGGINS, JAMES MICHAEL, US
[72] CARRETTE, JOHAN, US
[72] ROIRET, NATHALIE, US
[71] DART INDUSTRIES INC., US
[22] 2019-03-22
[41] 2019-11-01
[30] US (15/967,725) 2018-05-01

[21] **3,037,899**
[13] A1
[51] **Int.Cl. A61B 17/115 (2006.01)**
[25] EN
[54] **CIRCULAR STAPLING APPARATUS WITH PINNED BUTTRESS**
[54] **APPAREIL D'AGRAFAGE CIRCULAIRE AVEC CONTREFORT FIXE**
[72] WILLIAMS, JUSTIN, US
[71] COVIDIEN LP, US
[22] 2019-03-25
[41] 2019-10-30
[30] US (15/966,283) 2018-04-30

[21] **3,037,951**
[13] A1
[51] **Int.Cl. E03C 1/04 (2006.01) F16K 51/00 (2006.01)**
[25] EN
[54] **WEIGHT ASSEMBLY FOR A FAUCET**
[54] **MECANISME DE POIDS DESTINE A UN ROBINET**
[72] LIN, YIPING, CN
[72] NI, KUOTUNG, CN
[72] HUANG, CHUNGYI, CN
[71] GLOBE UNION INDUSTRIAL CORPORATION, CN
[22] 2019-03-26
[41] 2019-10-27
[30] CN (201820618244.X) 2018-04-27

[21] **3,038,285**
[13] A1
[51] **Int.Cl. F16B 37/14 (2006.01) B64D 45/02 (2006.01) F16B 43/00 (2006.01)**
[25] EN
[54] **ANCHORING WASHER FOR AN EME PROTECTIOM CAP SYSTEM**
[54] **RONDELLE D'ANCRAGE DESTINEE A UN SYSTEME DE CAPUCHON PROTECTEUR EME**
[72] COWAN, DANIEL J., US
[72] STEVENS, BART, US
[72] AUFFINGER, SEAN, US
[72] MULLIGAN, BRANDON, US
[72] WEEKS, CARL A., US
[71] THE BOEING COMPANY, US
[22] 2019-03-27
[41] 2019-10-27
[30] US (15/964340) 2018-04-27

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/0408 (2006.01)**
[25] EN
[54] **ACTIVE VOLTAGE LOCATION (AVL) RESOLUTION**
[54] **RESOLUTION D'EMPLACEMENT DE TENSION ACTIVE**
[72] GLINER, VADIM, IL
[72] GOVARI, ASSAF, IL
[72] BOUMENDIL, ALON, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2019-03-28
[41] 2019-10-30
[30] US (15/966,514) 2018-04-30

[21] **3,038,487**
[13] A1
[51] **Int.Cl. F02C 7/052 (2006.01) F02K 3/06 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH INERTIAL PARTICLE SEPARATOR**
[54] **TURBINE A GAZ EQUIPEE D'UN SEPARATEUR DE PARTICULES INERTIEL**
[72] MARRANO, ROBERTO, CA
[72] BISSON, FRANCOIS C., CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2019-03-28
[41] 2019-10-27
[30] US (62/663,508) 2018-04-27
[30] US (16/202,827) 2018-11-28

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[13] A1
[51] **Int.Cl. E04G 1/22 (2006.01) B66F 11/04 (2006.01) E04G 1/15 (2006.01)**
[25] EN
[54] **WORK PLATFORM WITH EXTENSION DECK AND WORK STEP**
[54] **PLATEFORME DE TRAVAIL COMPORTANT UN PLATEAU DE RALLONGE ET UNE MARCHE**
[72] CROOK, GARY, US
[71] CALIFORNIA MANUFACTURING & ENGINEERING COMPANY, LLC, US
[22] 2019-04-01
[41] 2019-10-27
[30] US (62/663465) 2018-04-27
[30] US (16/275854) 2019-02-14

[21] **3,038,695**
[13] A1
[51] **Int.Cl. B60S 3/04 (2006.01)**
[25] EN
[54] **SCRATCH-FREE SNOW REMOVAL TOOL**
[54] **OUTIL D'ENLEVEMENT DE LA NEIGE SANS EGRATIGNURE**
[72] LAFLEUR, ANDRE, CA
[71] ANDRE LAFLEUR RD&D INC., CA
[22] 2019-04-02
[41] 2019-10-27
[30] US (62663527) 2018-04-27

[21] **3,038,945**
[13] A1
[51] **Int.Cl. F16F 15/10 (2006.01) E21B 12/00 (2006.01) F16D 3/221 (2006.01) F16F 15/121 (2006.01)**
[25] EN
[54] **RECIPROCATION-DAMPENING DRIVE SHAFT ASSEMBLY**
[54] **MECANISME DE TIGE D'ENTRAINEMENT AMORTISSEUR-ALTERNATIF**
[72] TOPPAZZINI, DANIELE MOLARO, US
[71] IRONSIDE, LLC, US
[22] 2019-04-03
[41] 2019-10-27
[30] US (62/663,411) 2018-04-27
[30] US (15/996,830) 2018-06-04

[21] **3,039,888**
[13] A1
[51] **Int.Cl. A47L 13/17 (2006.01) A47L 1/15 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **PRE-LOADED FLOOR WIPES WITH IMPROVED PICKUP**
[54] **LINGETTES DE PLANCHER PRECHARGEES A RAMASSAGE AMELIORE**
[72] JHA, ASHISH K., US
[72] DANI, NIKHIL P., US
[72] SCHEUING, DAVID R., US
[72] FALK, NANCY A., US
[72] PARRISH, BRYAN K., US
[71] THE CLOROX COMPANY, US
[22] 2019-04-10
[41] 2019-10-27
[30] US (15/964,800) 2018-04-27

[21] **3,039,991**
[13] A1
[51] **Int.Cl. F16M 11/28 (2006.01) B60S 9/10 (2006.01) B62D 63/08 (2006.01) B66F 3/24 (2006.01)**
[25] EN
[54] **SUPPORT APPARATUS**
[54] **APPPAREIL DE SUPPORT**
[72] RIGHETTI, VALTER, IT
[71] SIMOL S.P.A., IT
[22] 2019-04-10
[41] 2019-10-27
[30] IT (102018000004959) 2018-04-27

[21] **3,040,114**
[13] A1
[51] **Int.Cl. A47C 31/00 (2006.01) A47C 7/62 (2006.01) G08B 21/22 (2006.01)**
[25] EN
[54] **BED OR CHAIR EXIT SENSING DEVICE, AND USE OF A BED OR CHAIR EXIT SENSING DEVICE**
[54] **DISPOSITIF DE DETECTION DE SORTIE DE LIT OU DE CHAISE ET UTILISATION D'UN TEL DISPOSITIF**
[72] JUNGVID, PETER GUSTAF, SE
[72] GJAERUM, PEER, SE
[72] ANDERSSON, ANDERS, SE
[71] BELLMAN & SYMFON EUROPE AB, SE
[22] 2019-04-12
[41] 2019-11-02
[30] EP (18 170 437.0) 2018-05-02

[21] **3,040,117**
[13] A1
[51] **Int.Cl. F24F 11/62 (2018.01)**
[25] EN
[54] **OPERATING AN HVAC SYSTEM BASED ON PREDICTED INDOOR AIR TEMPERATURE**
[54] **UTILISATION D'UN SYSTEME CVCA BASE SUR UNE TEMPERATURE D'AIR INTERIEUR PREVUE**
[72] JOY, JEESON KANGIRATHINGAL, IN
[72] SELVAM, SANTHOSH KUMAR, IN
[72] BRAHME, ROHINI, US
[71] LENNOX INDUSTRIES INC., US
[22] 2019-04-12
[41] 2019-11-01
[30] US (15/967,848) 2018-05-01

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[13] A1
[51] **Int.Cl. A63B 71/06 (2006.01) A63B 43/06 (2006.01) A63B 63/00 (2006.01) A63B 67/14 (2006.01)**
[25] EN
[54] **INFRARED HOCKEY PUCK AND GOAL DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION DE RONDELLE DE HOCKEY INFRAROUGE ET DE BUTS**
[72] KOUNELLAS, JAMILLA, US
[71] KOUNELLAS, JAMILLA, US
[22] 2019-04-16
[41] 2019-10-30
[30] US (15/966,594) 2018-04-30

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[21] **3,040,648**
[13] A1
[51] **Int.Cl. E21B 29/02 (2006.01) E21B 23/14 (2006.01) E21B 43/116 (2006.01)**
[25] EN
[54] **DETONATION ACTIVATED WIRELINE RELEASE TOOL**
[54] **OUTIL DE LIBERATION DE CABLE METALLIQUE ACTIVE PAR DETONATION**
[72] MULHERN, ERIC, CA
[72] SCHARF, THILO, IE
[71] DYNAENERGETICS GMBH & CO. KG, DE
[22] 2019-04-18
[41] 2019-10-27
[30] US (62/663,629) 2018-04-27
[30] US (16/379,341) 2019-04-09

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[21] **3,040,658**
[13] A1
[51] **Int.Cl. F04B 47/02 (2006.01) F04B 47/14 (2006.01)**
[25] EN
[54] **SLANT WELL PUMPING UNIT**
[54] **UNITE DE POMPAGE DE PUITS INCLINEE**
[72] YAKIMCHUK, DARIUS J., CA
[72] LEMBCKE, JEFFREY JOHN, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2019-04-18
[41] 2019-10-27
[30] US (15/965,718) 2018-04-27

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[21] **3,040,668**
[13] A1
[51] **Int.Cl. A01M 23/34 (2006.01)**
[25] EN
[54] **A BEAR FOOT SNARE/CABLE RESTRAINT DELIVERY SYSTEM**
[54] **SYSTEME DE POSE DE COLLET POUR PATTE D'OURS/CABLE DE RETENUE**
[72] OSBORNE, WESLEY WADE, US
[71] OSBORNE, WESLEY WADE, US
[22] 2019-04-17
[41] 2019-10-27
[30] US (62/633,611) 2018-04-27
[30] US (16/384,249) 2019-04-15

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[13] A1
[51] **Int.Cl. C09D 11/52 (2014.01) B82Y 30/00 (2011.01) H01C 7/00 (2006.01) H01C 17/06 (2006.01)**
[25] EN
[54] **AQUEOUS CARBON NANOPARTICLE INK COMPOSITION FOR RESISTORS**
[54] **COMPOSITION D'ENCRE A BASE DE NANOPARTICULES DE CARBONE AQUEUX POUR RESISTANCES**
[72] SMITHSON, CHAD S., CA
[71] XEROX CORPORATION, US
[22] 2019-04-18
[41] 2019-11-01
[30] US (15/968324) 2018-05-01

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[21] **3,040,760**
[13] A1
[51] **Int.Cl. A47L 17/00 (2006.01) A47L 15/37 (2006.01)**
[25] EN
[54] **MANUAL DISHWASHER DEVICE AND METHOD OF ASSEMBLING SAME**
[54] **DISPOSITIF LAVE-VAISSELLE MANUEL ET SON PROCEDE D'ASSEMBLAGE**
[72] SIMARD, JO-ANNE J. A. S., CA
[71] SIMARD, JO-ANNE J. A. S., CA
[22] 2019-04-18
[41] 2019-10-30
[30] GB (GB1807067.2) 2018-04-30

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[21] **3,040,841**
[13] A1
[51] **Int.Cl. F25B 40/02 (2006.01) F25B 41/04 (2006.01) F25B 49/02 (2006.01)**
[25] EN
[54] **COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT**
[72] HAGLER, DENNIS, US
[72] WILKERSON, CARLTON, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2019-04-23
[41] 2019-11-01
[30] US (15/968,398) 2018-05-01

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[13] A1
[51] **Int.Cl. F25J 1/02 (2006.01) F25B 1/10 (2006.01) F25B 5/00 (2006.01) F25B 6/04 (2006.01) F25B 9/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR COOLING A HYDROCARBON STREAM USING A GAS PHASE REFRIGERANT**
[54] **PROCEDE ET SYSTEME DE REFROIDISSEMENT D'UN FLUX D'HYDROCARBURES A L'AIDE D'UN REFRIGERANT EN PHASE GAZEUSE**
[72] KRISHNAMURTHY, GOWRI, US
[72] ROBERTS, MARK JULIAN, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2019-04-23
[41] 2019-10-27
[30] US (15/964,377) 2018-04-27

[21] **3,040,876**
[13] A1
[51] **Int.Cl. F25J 1/02 (2006.01) F25B 1/10 (2006.01) F25B 5/00 (2006.01) F25B 6/04 (2006.01) F25B 9/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR COOLING A HYDROCARBON STREAM USING A GAS PHASE REFRIGERANT**
[54] **PROCEDE ET SYSTEME DE REFROIDISSEMENT D'UN FLUX D'HYDROCARBURES A L'AIDE D'UN REFRIGERANT EN PHASE GAZEUSE**
[72] KRISHNAMURTHY, GOWRI, US
[72] ROBERTS, MARK JULIAN, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2019-04-23
[41] 2019-10-27
[30] US (15/964,302) 2018-04-27

[21] **3,040,938**
[13] A1
[51] **Int.Cl. E04D 13/04 (2006.01) E04D 11/00 (2006.01)**
[25] EN
[54] **AERODYNAMICALLY STABLE ROOF PAVER SYSTEM AND BALLAST BLOCK THEREFOR**
[54] **SYSTEME DE DALLE DE TOIT AERODYNAMIQUEMENT STABLE ET BLOC DE LEST ASSOCIE**
[72] REPASKY, JOHN, US
[71] HANOVER PREST-PAVING COMPANY, US
[22] 2019-04-24
[41] 2019-11-01
[30] US (15/967,934) 2018-05-01

[21] **3,041,110**
[13] A1
[51] **Int.Cl. F16K 1/36 (2006.01) F16K 1/48 (2006.01)**
[25] EN
[54] **VALVE STEM WITH HEAD COVERED BY COVERING MATERIAL AND METHOD OF MAKING VALVE STEM**
[54] **TIGE DE SOUPAPE A TETE RECOUVERTE PAR UN MATERIAU DE COUVERTURE ET PROCEDE DE FABRICATION DE TIGE DE SOUPAPE**
[72] KOTARSKI, ED, US
[72] CABRERA, JOEL, US
[71] DSO FLUID HANDLING CO., INC., US
[22] 2019-04-24
[41] 2019-10-30
[30] US (15/967,388) 2018-04-30

[21] **3,041,204**
[13] A1
[51] **Int.Cl. C08L 95/00 (2006.01) B32B 11/02 (2006.01) C08J 3/20 (2006.01) C08L 47/00 (2006.01) C09D 147/00 (2006.01) C09D 195/00 (2006.01) E04D 1/12 (2006.01) E04D 1/28 (2006.01)**
[25] EN
[54] **PREPARATION OF INURED ASPHALT BLOWN COATING**
[54] **PREPARATION D'UN REVETEMENT D'ASPHALTE SOUFFLE RENFORCE**
[72] TIBAH, DENIS MUKI, US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
[22] 2019-04-25
[41] 2019-11-02
[30] US (62/665649) 2018-05-02

[21] **3,041,238**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) C04B 35/80 (2006.01) F01D 5/28 (2006.01) F01D 5/30 (2006.01)**
[25] EN
[54] **CMC NOZZLE WITH INTERLOCKING MECHANICAL JOINT AND FABRICATION**
[54] **BUSE DE COMPOSITE A MATRICE CERAMIQUE AVEC JOINT MECANIQUE VERROUILLABLE ET FABRICATION**
[72] UNDERWOOD, SARA SAXTON, US
[72] TUERTSCHER, MICHAEL RAY, US
[72] DECESARE, DOUGLAS GLENN, US
[72] CARPER, DOUGLAS MELTON, US
[72] DUNN, DANIEL GENE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2019-04-25
[41] 2019-11-02
[30] US (15/969,435) 2018-05-02

[21] **3,041,244**
[13] A1
[51] **Int.Cl. G01N 17/00 (2006.01)**
[25] FR
[54] **DETECTION DEVICE FOR MONITORING THE CORROSION OF A STRUCTURE, VEHICLE AND METHOD**
[54] **DISPOSITIF DE DETECTION POUR SURVEILLER LA CORROSION D'UNE STRUCTURE, VEHICULE ET PROCEDE**
[72] BOIRIVENT, NICOLAS, FR
[72] IMBERT, NICOLAS, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2019-04-24
[41] 2019-10-27
[30] FR (1800377) 2018-04-27

[21] **3,041,318**
[13] A1
[51] **Int.Cl. B03B 4/02 (2006.01) C02F 11/121 (2019.01)**
[25] EN
[54] **SHAKER ASSEMBLIES HAVING POSITIONING DEVICES**
[54] **ENSEMBLES VIBRANTS MUNIS DE DISPOSITIFS DE POSITIONNEMENT**
[72] STROBEL, ANDREW ALBERT, US
[72] HOFLAND, DANIEL JOHN, US
[71] VERMEER MANUFACTURING COMPANY, US
[22] 2019-04-26
[41] 2019-10-30
[30] US (62/664551) 2018-04-30

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[21] **3,041,321**
[13] A1
[51] **Int.Cl. B01D 35/02 (2006.01) F16K 15/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF REDUCING VIRUS MIGRATION THROUGH A VIRUS REMOVAL FILTER AFTER FEED FLOW REDUCTION**
[54] **SYSTEMES ET PROCEDES DE REDUCTION DE LA MIGRATION DE VIRUS A L'AIDE D'UN FILTRE D'ELIMINATION DE VIRUS APRES UNE REDUCTION DE FLUX D'ALIMENTATION**
[72] BRANDT, MICHAEL D., US
[71] ASAHI KASEI BIOPROCESS AMERICA, INC., US
[22] 2019-04-26
[41] 2019-11-01
[30] US (15/968445) 2018-05-01

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[21] **3,041,353**
[13] A1
[51] **Int.Cl. G01N 27/416 (2006.01) G01N 27/327 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DETECTING A COMPONENT IN A SAMPLE**
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'UN COMPOSANT DANS UN ECHANTILLON**
[72] LI, XIUJIE, CA
[72] CHEN, JIE, CA
[72] MACKAY, SCOTT, CA
[72] SHOUTE, LIAN C. T., CA
[72] YANG, JIAN, CA
[71] INNOTECH ALBERTA INC., CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[22] 2019-04-25
[41] 2019-10-27
[30] US (62/663,959) 2018-04-27

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[21] **3,041,376**
[13] A1
[51] **Int.Cl. B23Q 1/28 (2006.01) B23Q 1/03 (2006.01)**
[25] EN
[54] **POWER TOOL SUPPORT AND SYSTEM CONTAINING THE SAME**
[54] **SUPPORT D'OUTIL ELECTRIQUE ET SYSTEME LE CONTENANT**
[72] CHAN, WAI TONG, CN
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2019-04-26
[41] 2019-10-28
[30] CN (201820628452.8) 2018-04-28

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[21] **3,041,378**
[13] A1
[51] **Int.Cl. B60H 1/20 (2006.01)**
[25] EN
[54] **CAB HEATING SYSTEMS AND METHODS FOR VEHICLES**
[54] **SYSTEMES ET PROCEDES DE CHAUFFAGE DE CABINE POUR VEHICULES**
[72] ANDREWS, MICHAEL, CA
[71] TIGER TOOL INTERNATIONAL INCORPORATED, CA
[22] 2019-04-26
[41] 2019-10-30
[30] US (62/664,459) 2018-04-30
[30] US (16/393,787) 2019-04-24

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[13] A1
[51] **Int.Cl. A01G 9/24 (2006.01) A01G 9/18 (2006.01)**
[25] EN
[54] **FLUID ROUTING SYSTEM FOR INDOOR GROW FACILITIES**
[54] **SYSTEME D'ACHEMINEMENT DE FLUIDE POUR DES INSTALLATIONS DE CULTURE EN INTERIEUR**
[72] HENDERSON, BRUYS, US
[72] SHOURD, JOHN, US
[72] HOXSIE, WAYNE, US
[71] GREENSPAN, LLC, US
[22] 2019-04-26
[41] 2019-10-27
[30] US (15/965,335) 2018-04-27

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[21] **3,041,425**
[13] A1
[51] **Int.Cl. B60R 9/00 (2006.01) B60R 9/06 (2006.01)**
[25] EN
[54] **VEHICLE CARRIER RACK**
[54] **PORTE-BAGAGES POUR VEHICULE**
[72] OWENS, JERRY, US
[71] OWENS, JERRY, US
[22] 2019-04-26
[41] 2019-11-01
[30] US (15/967,920) 2018-05-01

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[21] **3,041,427**
[13] A1
[51] **Int.Cl. A61N 5/06 (2006.01) A61H 39/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR IRRADIATING THE BODY**
[54] **PROCEDES ET APPAREIL POUR IRRADIER LE CORPS**
[72] MACDONALD, MARGARET JOAN, CA
[71] YIN & YANG WELLNESS, CA
[22] 2019-04-25
[41] 2019-11-02
[30] US (62/665,909) 2018-05-02

[21] **3,041,485**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/01 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **ABLATION CATHETER WITH SELECTIVE RADIAL ENERGY DELIVERY**
[54] **CATHETER D'ABLATION A DISTRIBUTION D'ENERGIE RADIALE SELECTIVE**
[72] HIGHSMITH, DEBBY, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2019-04-26
[41] 2019-11-02
[30] US (15/969,579) 2018-05-02

[21] **3,041,493**
[13] A1
[51] **Int.Cl. H04W 80/02 (2009.01) H04W 4/06 (2009.01) H04W 12/02 (2009.01) H04B 7/26 (2006.01) G08G 5/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR COMMUNICATING UNICAST/MULTICAST MESSAGES USING AUTOMATIC DEPENDENT SURVEILLANCE-BROADCAST (ADS-B) PROTOCOL**
[54] **PROCEDE ET SYSTEME POUR COMMUNIQUER DES MESSAGES EN MONO/MULTIDIFFUSION A L'AIDE D'UN PROTOCOLE DE DIFFUSION DE SURVEILLANCE DEPENDANTE AUTOMATIQUE (ADS-B)**
[72] BORSHCHOVA, IRYNA, CA
[72] O'YOUNG, SIU, CA
[71] SEAMATICA AEROSPACE LTD., CA
[22] 2019-04-29
[41] 2019-10-27
[30] US (62/663,512) 2018-04-27

[21] **3,041,494**
[13] A1
[51] **Int.Cl. E04B 1/94 (2006.01) A62C 2/06 (2006.01)**
[25] EN
[54] **MECHANICALLY FASTENED FIRESTOP FLUTE PLUG**
[54] **BOUCHON A CANNELURES COUPE-FEU FIXE MECANIQUEMENT**
[72] PILZ, DONALD ANTHONY, US
[71] CALIFORNIA EXPANDED METAL PRODUCTS COMPANY, US
[22] 2019-04-29
[41] 2019-10-30
[30] US (62/664,832) 2018-04-30

[21] **3,041,498**
[13] A1
[51] **Int.Cl. E05B 65/52 (2006.01) A47K 10/32 (2006.01) E05B 73/00 (2006.01)**
[25] EN
[54] **LOCKING ASSEMBLY FOR A DISPENSER AND DISPENSER**
[54] **ENSEMBLE DE VERROUILLAGE POUR UN DISTRIBUTEUR ET DISTRIBUTEUR**
[72] PARE, RICHARD, CA
[71] CASCADES CANADA ULC, CA
[22] 2019-04-26
[41] 2019-10-27
[30] US (62/663,330) 2018-04-27

[21] **3,041,502**
[13] A1
[51] **Int.Cl. B31B 70/00 (2017.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING PRINTED CONTAINERS**
[54] **PROCEDE DE FABRICATION DE CONTENANTS IMPRIMES**
[72] FERGUSON, IAN, CA
[71] CHANTLER PACKAGES INC., CA
[22] 2019-04-26
[41] 2019-10-27
[30] US (62/663,750) 2018-04-27

[21] **3,041,511**
[13] A1
[51] **Int.Cl. B05B 1/24 (2006.01)**
[25] EN
[54] **HEATED HOSE NOZZLE**
[54] **BUSE DE TUYAU CHAUFEE**
[72] DAUDISH, KATHLEEN L., US
[72] HAYDEN, CHRISTOPHER M., US
[72] MIHU, SERGIU G., US
[72] JURCZYSZAK, ERIC R., US
[72] KEOHANE, CURTIS J., US
[71] RHEEM MANUFACTURING COMPANY, US
[22] 2019-04-29
[41] 2019-11-01
[30] US (15/968,212) 2018-05-01

[21] **3,041,523**
[13] A1
[51] **Int.Cl. E05F 15/77 (2015.01) E05F 15/70 (2015.01) H04W 4/30 (2018.01) G10L 15/00 (2013.01) G10L 17/00 (2013.01) H02K 7/14 (2006.01)**
[25] EN
[54] **GARAGE DOOR OPENER SYSTEM HAVING AN INTELLIGENT AUTOMATED ASSISTANT AND METHOD OF CONTROLLING THE SAME**
[54] **SYSTEME D'OUVERTURE DE PORTE DE GARAGE DOTE D'UN ASSISTANT AUTOMATISE INTELLIGENT ET SON PROCEDE DE COMMANDE**
[72] HUGGINS, MARK, US
[72] WHITMIRE, J. PORTER, US
[72] PREUS, MICHAEL, US
[72] KIPPES, SCOTT, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2019-04-29
[41] 2019-10-30
[30] US (15/967,032) 2018-04-30

[21] **3,041,526**
[13] A1
[51] **Int.Cl. G06K 7/01 (2006.01) G07F 7/08 (2006.01)**
[25] EN
[54] **SYSTEM FOR SECURING A MAGNETIC CARD READER, CORRESPONDING MAGNETIC CARD READER AND ELECTRONIC DEVICE**
[54] **SYSTEME DE FIXATION D'UN LECTEUR DE CARTE MAGNETIQUE, LECTEUR DE CARTE MAGNETIQUE CORRESPONDANT ET DISPOSITIF ELECTRONIQUE**
[72] CHOWDHARY, FERHAJ, FR
[72] BALASSE, JOHANN, FR
[72] NEVEU, LUDOVIC, FR
[72] QUENET, ALEXANDRE, FR
[71] INGENICO GROUP, FR
[22] 2019-04-26
[41] 2019-10-27
[30] FR (1853730) 2018-04-27

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[21] **3,041,534**
[13] A1
[51] **Int.Cl. A41B 11/00 (2006.01) A41B 11/08 (2006.01) A41D 13/06 (2006.01) A41F 13/00 (2006.01) A63B 71/12 (2006.01)**
[25] EN
[54] **HOCKEY SOCK WITH ADJUSTABLE FITTING MECHANISM**
[54] **CHAUSSETTE DE HOCKEY A MECANISME D'AJUSTEMENT REGLABLE**
[72] WALLACE, WILLIAM GRAHAM, CA
[71] WALLACE, WILLIAM GRAHAM, CA
[22] 2019-04-29
[41] 2019-10-27
[30] US (62/663,347) 2018-04-27

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[13] A1
[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR COMMUNICATING DATA IN A MULTI-TENNANT COMPUTER SYSTEM**
[54] **APPAREIL ET PROCEDE DE COMMUNICATION DE DONNEES DANS UN SYSTEME INFORMATIQUE DE TYPE MULTI-TENANT**
[72] BROWN, ALASTAIR, GB
[71] SAGE PEOPLE LIMITED, GB
[22] 2019-04-29
[41] 2019-10-30
[30] GB (1807039.1) 2018-04-30

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[21] **3,041,566**
[13] A1
[51] **Int.Cl. B07B 1/46 (2006.01)**
[25] EN
[54] **SHAKER ASSEMBLIES HAVING A VIBRATORY SCREEN CLAMPING SYSTEM**
[54] **ENSEMBLES SECOUEURS DOTES D'UN SYSTEME DE SERRAGE DE CRIBLE VIBRANT**
[72] STROBEL, ANDREW ALBERT, US
[72] HOFLAND, DANIEL JOHN, US
[71] VERMEER MANUFACTURING COMPANY, US
[22] 2019-04-29
[41] 2019-10-30
[30] US (62/664569) 2018-04-30

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[21] **3,041,574**
[13] A1
[51] **Int.Cl. B60P 3/075 (2006.01) B60P 3/077 (2006.01) B60P 3/079 (2006.01)**
[25] EN
[54] **INTEGRATED MANDREL VEHICLE RESTRAINT WITH PEDAL TENSIONER**
[54] **DISPOSITIF DE RETENUE DE VEHICULE A MANDRIN INTEGRE AVEC TENDEUR DE PEDALE**
[72] HUCK, KENNETH W., US
[71] TRINITY RAIL GROUP, LLC, US
[22] 2019-04-29
[41] 2019-11-01
[30] US (62/665,058) 2018-05-01

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[21] **3,041,689**
[13] A1
[51] **Int.Cl. G06F 15/16 (2006.01) G06Q 40/04 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **COORDINATED PROCESSING OF DATA BY NETWORKED COMPUTING RESOURCES**
[54] **TRAITEMENT COORDONNE DE DONNEES PAR DES RESSOURCES INFORMATIQUES EN RESEAU**
[72] PITIO, WALTER MICHAEL, CA
[72] IANNACCONE, PHILIP, CA
[72] AISEN, DANIEL, CA
[72] KATSUYAMA, BRADLEY, CA
[72] PARK, ROBERT, CA
[72] SCHWALL, JOHN, CA
[72] STEINER, RICHARD, CA
[72] ZHANG, ALLEN, CA
[72] POPEJOY, THOMAS L., CA
[72] CLARK, THOMAS MATTHEW, CA
[72] ZHENG, XIAORAN, CA
[72] LUDVIK, GREGORY MARTIN, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2019-04-30
[41] 2019-10-30
[30] US (62/664,913) 2018-04-30

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[21] **3,041,690**
[13] A1
[51] **Int.Cl. F16M 11/20 (2006.01) F16M 11/00 (2006.01)**
[25] EN
[54] **TRIPOD STAND FOR USE ON LOOSE SOIL**
[54] **SUPPORT A TREPIED A UTILISER SUR UN SOL MEUBLE**
[72] MCDERMOTT, JASON, US
[72] GARRISON, SCOTT, US
[71] RIO BRANDS, LLC, US
[22] 2019-04-30
[41] 2019-11-01
[30] US (62/665,231) 2018-05-01

[21] **3,041,694**
[13] A1
[51] **Int.Cl. A47B 37/04 (2006.01) A45B 11/00 (2006.01) A45B 25/00 (2006.01) F16M 13/02 (2006.01) E04G 1/15 (2006.01)**
[25] EN
[54] **FOLDING TABLE PLATFORM FOR USE ON A VERTICAL SHAFT OR POLE**
[54] **PLATEFORME DE TABLE PLIANTE POUR UTILISATION SUR UN ARBRE OU UN POTEAU VERTICAL**
[72] ERICKSON, ANTHONY R., US
[72] PRATT, BENJAMIN G., US
[72] GARRISON, SCOTT, US
[71] RIO BRANDS, LLC, US
[22] 2019-04-30
[41] 2019-11-01
[30] US (62/665,303) 2018-05-01
[30] US (16/397,964) 2019-04-29

[21] **3,041,695**
[13] A1
[51] **Int.Cl. E05B 47/00 (2006.01) E05B 15/02 (2006.01)**
[25] EN
[54] **ELECTRIC STRIKE FOR INTERLOCKING LATCH MECHANISM**
[54] **GACHE ELECTRIQUE POUR MECANISME DE VERROUILLAGE**
[72] PEABODY, JOSHUA T., US
[72] VAN DUSEN, DAN, US
[72] BRENNAN, JOHN, US
[71] HANCHETT ENTRY SYSTEMS, INC., US
[22] 2019-04-30
[41] 2019-10-30
[30] US (62/664,627) 2018-04-30

[21] **3,041,696**
[13] A1
[51] **Int.Cl. H04N 21/262 (2011.01) H04N 21/2343 (2011.01) H04N 21/266 (2011.01) H04N 21/458 (2011.01)**
[25] EN
[54] **PROCESS CONTROLLER FOR CREATION OF ABR VOD PRODUCT MANIFESTS**
[54] **COMMANDE DE PROCESSUS POUR LA CREATION DE MANIFESTES DE PRODUIT VIDEO A LA DEMANDE A DEBIT BINAIRE ADAPTATIF**
[72] MILFORD, MATTHEW A., US
[71] ARRIS ENTERPRISES LLC, US
[22] 2019-04-30
[41] 2019-11-02
[30] US (62/665,694) 2018-05-02

[21] **3,041,699**
[13] A1
[51] **Int.Cl. H04N 21/266 (2011.01) H04N 21/238 (2011.01) H04N 21/458 (2011.01) H04L 29/06 (2006.01)**
[25] EN
[54] **BASE LINEAR STREAM CREATER FOR PERSONALIZED CHANNELS**
[54] **CREATEUR DE FLUX LINEAIRE DE BASE POUR CANAUX PERSONNALISES**
[72] MILFORD, MATTHEW A., US
[71] ARRIS ENTERPRISES LLC, US
[22] 2019-04-30
[41] 2019-11-02
[30] US (62/665,677) 2018-05-02

[21] **3,041,702**
[13] A1
[51] **Int.Cl. B23K 35/24 (2006.01) B21C 1/00 (2006.01)**
[25] EN
[54] **WELDING WIRES FORMED FROM IMPROVED ALUMINUM-MAGNESIUM ALLOYS**
[54] **FILS DE SOUDAGE FORMES A PARTIR D'ALLIAGES D'ALUMINIUM-MAGNESIUM AMELIORES**
[72] ZHANG, SHENJIA, US
[72] VO, NHON Q., US
[72] SEKUNDA, JANUSZ STANISLAW, US
[72] BILODEAU, JEAN, US
[72] LECOURS, MARTIN, US
[71] GENERAL CABLE TECHNOLOGIES, CORP., US
[71] NANOAL, LLC, US
[22] 2019-04-30
[41] 2019-10-30
[30] US (62/664,887) 2018-04-30

[21] **3,041,704**
[13] A1
[51] **Int.Cl. A23G 9/42 (2006.01) A23L 19/00 (2016.01) A23C 9/133 (2006.01) A23C 9/137 (2006.01) A23G 9/04 (2006.01) A23G 9/32 (2006.01) A23G 9/52 (2006.01) A23L 2/02 (2006.01) A23L 2/52 (2006.01)**
[25] EN
[54] **SPOONABLE SMOOTHIE AND METHODS OF PRODUCTION THEREOF**
[54] **BOISSON FOUETTEE CUILLERABLE ET SES PROCEDES DE PRODUCTION**
[72] GREGG-ALBERS, JULIA LEE, US
[72] HIBNICK, ALLISON, US
[72] THEODORAKAKOS, HAYLEY, US
[72] SANDROCK, HILLARY, US
[72] COOPER, SARA K., US
[72] MCPHERSON, ANDREW, US
[72] MOCA, JUDITH GULTEN, US
[72] LARSON, TRAVIS, US
[72] BROWN, RACHEL CATHERINE, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
[22] 2019-04-30
[41] 2019-10-30
[30] US (62/664737) 2018-04-30

[21] **3,041,720**
[13] A1
[51] **Int.Cl. G06K 19/073 (2006.01) G06Q 20/32 (2012.01) G06Q 20/34 (2012.01)**
[25] EN
[54] **SECURE CONTACTLESS PAYMENT METHOD AND DEVICE WITH ACTIVE ELECTRONIC CIRCUITRY**
[54] **PROCEDE ET DISPOSITIF DE PAIEMENT SANS CONTACT SECURISE A CIRCUIT ELECTRONIQUE ACTIF**
[72] LOCKE, TYLER, US
[72] KOEPPEL, ADAM R., US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-04-30
[41] 2019-11-02
[30] US (15/969556) 2018-05-02

[21] **3,041,728**
[13] A1
[51] **Int.Cl. H04W 4/90 (2018.01) H04W 4/06 (2009.01) G08B 7/06 (2006.01) G08B 21/08 (2006.01)**
[25] EN
[54] **WATER SAFETY ALARM AND SUPERVISION AID INCLUDING METHODOLOGY EMBODIED IN THE ALARM FOR ALERTING A THIRD PARTY VIA A COMMUNICATIONS NETWORK**
[54] **ALARME DE SECURITE AQUATIQUE ET AIDE DE SURVEILLANCE INCLUANT UNE METHODOLOGIE INTEGREE A L'ALARME POUR ALERTER UN TIERS PAR UN RESEAU DE COMMUNICATIONS**
[72] BOYLE, NORMAN, AU
[71] BOYLE, NORMAN, AU
[22] 2019-04-30
[41] 2019-10-30
[30] AU (2018901418) 2018-04-30
[30] AU (2019100378) 2019-04-07

[21] **3,041,736**
[13] A1
[51] **Int.Cl. G01V 5/04 (2006.01) E21B 47/26 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **GAMMA RAY COUNTER**
[54] **COMPTEUR DE RAYONS GAMMA**
[72] CONTRERAS, CARLOS, US
[71] PRECISION DRILLING CORPORATION, CA
[22] 2019-04-30
[41] 2019-10-30
[30] US (62/664,270) 2018-04-30

[21] **3,041,737**
[13] A1
[51] **Int.Cl. A46B 9/00 (2006.01) A46D 3/00 (2006.01) B29D 21/00 (2006.01)**
[25] EN
[54] **BROOM AND METHOD OF FABRICATION THEREOF**
[54] **BALAI ET SON PROCEDE DE FABRICATION**
[72] BOIES, DAVID, CA
[72] BERROUARD, MATHIEU, CA
[72] JULIEN, PATRICK, CA
[71] GARANT GP, CA
[22] 2019-04-29
[41] 2019-11-01
[30] US (62/665,094) 2018-05-01

[21] **3,041,758**
[13] A1
[51] **Int.Cl. H04N 21/266 (2011.01) H04N 21/2343 (2011.01) H04N 21/458 (2011.01)**
[25] EN
[54] **CONTROLLER FOR ESTABLISHING PERSONALIZED VIDEO CHANNELS**
[54] **CONTROLEUR POUR ETABLIR DES CANAUX VIDEO PERSONNALISES**
[72] MILFORD, MATTHEW A., US
[71] ARRIS ENTERPRISES LLC, US
[22] 2019-04-30
[41] 2019-11-02
[30] US (62/665,821) 2018-05-02

[21] **3,041,865**
[13] A1
[51] **Int.Cl. G06F 21/55 (2013.01) G06N 20/00 (2019.01) H04L 12/22 (2006.01)**
[25] EN
[54] **HIGH-FIDELITY MODEL-DRIVEN DECEPTION PLATFORM FOR CYBER-PHYSICAL SYSTEMS**
[54] **PLATEFORME DE SUPERCHERIE GUIDEE PAR MODELE HAUTE FIDELITE POUR SYSTEMES CYBER-PHYSIQUES**
[72] EDGAR, THOMAS W., US
[72] VRABIE, DRAGUNA L., US
[72] HOFER, WILLIAM J., US
[72] NOWAK, KATHLEEN E., US
[71] BATTELLE MEMORIAL INSTITUTE, US
[22] 2019-04-30
[41] 2019-10-30
[30] US (62664702) 2018-04-30
[30] US (16389758) 2019-04-19

[21] **3,041,871**
[13] A1
[51] **Int.Cl. G06F 21/55 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING SECURITY ATTACK CHAINS**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE CHAINES D'ATTAQUE DE SECURITE**
[72] GAMBLE, JAMIE, CA
[72] RAHMANI, SAHAR, CA
[72] TIWARI, AMITKUMAR, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2019-05-01
[41] 2019-11-01
[30] US (62/665,198) 2018-05-01
[30] US (62/665,208) 2018-05-01

[21] **3,041,874**
[13] A1
[51] **Int.Cl. A61F 2/38 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **ORTHOPAEDIC PROSTHETIC SYSTEM FOR A HINGED-KNEE PROTHESIS**
[54] **SYSTEME PROTHETIQUE ORTHOPEDIQUE POUR UNE PROTHESE DE GENOU ARTICULEE**
[72] REEDER, NATHAN C., US
[72] HATHAWAY, TYLER S., US
[71] DEPUY IRELAND UNLIMITED COMPANY, IE
[22] 2019-05-01
[41] 2019-11-02
[30] US (15/969,737) 2018-05-02

[21] **3,041,875**
[13] A1
[51] **Int.Cl. H04L 9/00 (2006.01) G06F 21/55 (2013.01) H04L 12/26 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING FALSE POSITIVE SECURITY EVENTS**
[54] **SYSTEME ET PROCEDE DE REDUCTION D'EVENEMENTS DE SECURITE FAUX POSITIFS**
[72] GAMBLE, JAMIE, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2019-05-01
[41] 2019-11-01
[30] US (62/665,198) 2018-05-01
[30] US (62/665,208) 2018-05-01

[21] **3,041,878**
[13] A1
[51] **Int.Cl. F23K 5/22 (2006.01) F17C 7/04 (2006.01) F24H 1/06 (2006.01)**
[25] EN
[54] **PORTABLE ELECTRIC LIQUID FUEL VAPORIZER**
[54] **VAPORISATEUR DE CARBURANT LIQUIDE ELECTRIQUE PORTATIF**
[72] CHAMPAGNE, ERIC, CA
[71] CHAMPAGNE, ERIC, CA
[22] 2019-05-01
[41] 2019-11-01
[30] US (62/665,470) 2018-05-01

[21] **3,041,879**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR MULTIPLE TO SINGLE ENTITY MATCHING**
[54] **PROCEDES ET SYSTEMES POUR UN APPARIEMENT D'ENTITES MULTIPLES A SIMPLES**
[72] WALTERS, AUSTIN, US
[72] HUA, ALVIN, US
[72] PHAM, VINCENT, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-05-01
[41] 2019-11-01
[30] US (15/967,646) 2018-05-01

[21] **3,041,894**
[13] A1
[51] **Int.Cl. F21S 8/04 (2006.01) F21K 9/00 (2016.01) F21V 7/04 (2006.01) F21V 8/00 (2006.01) F21V 21/02 (2006.01)**
[25] EN
[54] **LIGHTING FIXTURE**
[54] **LUMINAIRE**
[72] HAWTHORNE, SEAN M., US
[72] FARRELL, TIMOTHY S., US
[72] CONROY, MICHAEL F., US
[72] SIDIROPOULOS, RACHEL L., US
[71] HUBBELL INCORPORATED, US
[22] 2019-04-30
[41] 2019-11-01
[30] US (62/665,181) 2018-05-01
[30] US (62/807,341) 2019-02-19

[21] **3,041,902**
[13] A1
[51] **Int.Cl. D04B 1/22 (2006.01) A41D 1/02 (2006.01) A41D 1/04 (2006.01) A41D 27/10 (2006.01) D04B 1/24 (2006.01)**
[25] EN
[54] **ENGINEERED KNIT WITH MULTI-DENSITY KNIT ZONE**
[54] **TRICOT TECHNIQUE AVEC ZONE DE TRICOT MULTIDENSITE**
[72] JESCH, SUSANNE ANNETTE, US
[72] WIPER, ANNE LOUISE, US
[71] TBL LICENSING LLC, US
[22] 2019-04-30
[41] 2019-11-01
[30] US (62/665,205) 2018-05-01

[21] **3,041,931**
[13] A1
[51] **Int.Cl. A61K 51/12 (2006.01) A61K 49/18 (2006.01)**
[25] EN
[54] **A MULTIMODAL PET/MRI CONTRAST AGENT AND A PROCESS FOR THE SYNTHESIS THEREOF**
[54] **AGENT DE CONTRASTE MULTIMODAL TEP/IRM ET SON PROCEDE DE SYNTHESE**
[72] ANDERSON, AMANDA, AU
[72] BANSAL, VIPUL, AU
[72] ARORA, JYOTI, AU
[72] CAMPBELL, JOS LAURIE, AU
[72] RAMANATHAN, RAJESH, AU
[72] SHUKLA, RAVI, AU
[71] ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY, AU
[22] 2019-04-30
[41] 2019-11-02
[30] AU (2018901483) 2018-05-02

[21] **3,041,984**
[13] A1
[51] **Int.Cl. A01G 20/47 (2018.01) E01H 1/08 (2006.01) F15D 1/08 (2006.01) F04D 25/08 (2006.01)**
[25] EN
[54] **BLOWERS WITH VARIABLE NOZZLES**
[54] **SOUFFLEURS A BUSES VARIABLES**
[72] HOFFMAN, RONALD J., US
[72] HOLMAN, CHRISTOPHER A., US
[72] NOLIN, ERIC, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2019-05-01
[41] 2019-11-02
[30] US (62/665,797) 2018-05-02

[21] **3,042,001**
[13] A1
[51] **Int.Cl. F04F 1/20 (2006.01) E21B 7/18 (2006.01) E21B 37/00 (2006.01) F04F 5/46 (2006.01)**
[25] EN
[54] **JET PUMP**
[54] **POMPE A JET**
[72] CREAMER, REGINALD D., CA
[71] CREAMER, REGINALD D., CA
[22] 2019-05-01
[41] 2019-11-01
[30] US (62665017) 2018-05-01

[21] **3,042,060**
[13] A1
[51] **Int.Cl. E04F 13/08 (2006.01) E04F 13/18 (2006.01)**
[25] EN
[54] **SIDING PANEL AND ASSEMBLY TO ADDRESS DIMPLING**
[54] **PANNEAU DE PAREMENT ET ASSEMBLAGE POUR REMEDIER A LA FORMATION DE CREUX**
[72] CULPEPPER, PATRICK M., US
[72] BEACH, RYAN, US
[71] PROGRESSIVE FOAM TECHNOLOGIES, INC., US
[22] 2019-05-02
[41] 2019-11-02
[30] US (62/665,898) 2018-05-02
[30] US (16/400,632) 2019-05-01

[21] **3,042,072**
[13] A1
[51] **Int.Cl. B27B 5/38 (2006.01) B23D 47/02 (2006.01) F16C 33/16 (2006.01) F16C 33/20 (2006.01)**
[25] EN
[54] **CIRCULAR SAW BLADE GUIDE PADS, CIRCULAR SAW GUIDE ASSEMBLIES INCLUDING THE GUIDE PADS, CIRCULAR SAWS INCLUDING THE GUIDE ASSEMBLIES, METHODS OF MANUFACTURING THE GUIDE PADS, AND METHODS OF UTILIZING CIRCULAR SAWS**
[54] **PLAQUETTES DE GUIDAGE DE LAME DE SCIE CIRCULAIRE, ENSEMBLES DE GUIDAGE DE SCIE CIRCULAIRE COMPRENANT LES PLAQUETTES DE GUIDAGE, SCIES CIRCULAIRES COMPRENANT LES ENSEMBLES DE GUIDAGE, METHODES DE FABRICATION DES PLAQUETTES DE GUIDAGE ET METHODES D'UTILISATION DES SCIES CIRCULAIRES**
[72] STROUD, GARY ARTHUR, CA
[72] STROUD, GARY ARTHUR, US
[71] BURTON SAW AND SUPPLY, L.L.C., US
[22] 2019-05-01
[41] 2019-11-02
[30] CA (3,003,704) 2018-05-02
[30] US (16/398,797) 2019-04-30

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[21] **3,042,076**
[13] A1
[51] **Int.Cl. H04N 21/2343 (2011.01) H04N 21/2387 (2011.01) H04N 19/40 (2014.01)**
[25] EN
[54] **VOD PRODUCT RENDERING CONTROLLER**
[54] **CONTROLEUR DE RENDU DE PRODUIT VIDEO SUR DEMANDE**
[72] MILFORD, MATTHEW A., US
[71] ARRIS ENTERPRISES LLC, US
[22] 2019-05-02
[41] 2019-11-02
[30] US (62/665,821) 2018-05-02

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[21] **3,042,098**
[13] A1
[51] **Int.Cl. F21S 2/00 (2016.01) F21K 9/00 (2016.01) F21S 8/02 (2006.01) F21V 7/00 (2006.01) F21V 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ASSEMBLING A LIGHT ENGINE**
[54] **SYSTEMES ET PROCEDES POUR ASSEMBLER UN MOTEUR DE LUMIERE**
[72] DEVOL, NATHANIEL, US
[72] HOUSAND, BRIEN, US
[71] HUBBELL INCORPORATED, US
[22] 2019-05-02
[41] 2019-11-02
[30] US (62/665,793) 2018-05-02

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[21] **3,042,102**
[13] A1
[51] **Int.Cl. F21V 15/01 (2006.01) F21V 29/70 (2015.01) F21K 9/00 (2016.01) F21S 8/04 (2006.01)**
[25] EN
[54] **UTILITY BAY LUMINAIRE**
[54] **LUMINAIRE DE BAIE UTILITAIRE**
[72] PARSONS, DUSTIN, US
[72] BRANNON, DEREK, US
[72] JENSON, TAYLOR, US
[72] HOLSCHER, THOMAS, US
[72] ENGLE, JOSEPH, US
[71] HUBBELL INCORPORATED, US
[22] 2019-05-02
[41] 2019-11-02
[30] US (62/665,865) 2018-05-02
[30] US (62/733,862) 2018-09-20

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[21] **3,042,105**
[13] A1
[51] **Int.Cl. C04B 26/26 (2006.01) C04B 14/04 (2006.01) C04B 14/42 (2006.01) C04B 41/48 (2006.01)**
[25] EN
[54] **HYBRID COMPOSITION AND METHOD FOR THE REPAIR AND MAINTENANCE OF ASPHALT AND CONCRETE SURFACEWAYS**
[54] **COMPOSITION HYBRIDE ET PROCEDE DE REPARATION ET D'ENTRETIEN DE SURFACES EN ASPHALTE ET EN BETON**
[72] MCCLELLAN, JACK D., JR., US
[72] HAYES, CARL D., US
[71] DEWITT PRODUCTS COMPANY, US
[22] 2019-05-02
[41] 2019-11-02
[30] US (62/665807) 2018-05-02

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[13] A1
[51] **Int.Cl. H04L 9/00 (2006.01) H04L 9/30 (2006.01) H04L 9/32 (2006.01)**
[25] FR
[54] **PROCESS AND SYSTEM TO CARRY OUT A SECURED DATA EXCHANGE**
[54] **PROCEDE ET SYSTEME POUR EFFECTUER UN ECHANGE DE DONNEES SECURISE**
[72] SANGLE FERRIERE, BRUNO, FR
[71] MARBEUF CONSEIL ET RECHERCHE, FR
[22] 2019-05-01
[41] 2019-11-02
[30] FR (1853789) 2018-05-02
[30] US (16/171,427) 2018-10-26

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[21] **3,042,111**
[13] A1
[51] **Int.Cl. E01H 5/02 (2006.01) A01B 1/02 (2006.01) B25G 1/04 (2006.01)**
[25] EN
[54] **ERGONOMIC MATERIAL MOVING**
[54] **DEPLACEMENT DE MATERIEL ERGONOMIQUE**
[72] GREENBERGER, HAL P., US
[71] GREENBERGER, HAL P., US
[22] 2019-05-01
[41] 2019-11-02
[30] US (15/969,700) 2018-05-02

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[21] **3,042,167**
[13] A1
[51] **Int.Cl. B60P 3/07 (2006.01) B60R 9/00 (2006.01)**
[25] EN
[54] **DUAL POSITION RECREATIONAL VEHICLE TRANSPORTING DEVICE FOR TRUCK BED**
[54] **DISPOSITIF DE TRANSPORT DE VEHICULE RECREATIF A DOUBLE POSITION POUR PLATEFORME DE CAMION**
[72] WEGENER, DANIEL, CA
[71] HIGH POINT INNOVATIONS LTD., CA
[22] 2019-05-02
[41] 2019-11-02
[30] US (62/665,828) 2018-05-02

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[21] **3,042,369**
[13] A1
[51] **Int.Cl. E05B 1/00 (2006.01) E06B 3/46 (2006.01)**
[25] EN
[54] **TELESCOPING FLUSH HANDLE FOR LIFT AND SLIDE DOORS**
[54] **POIGNEE ENCASTREE TELESCOPIQUE POUR PORTES A LEVAGE ET COULISSANTES**
[72] RENNER, ROBERT, US
[72] RENNER, ROBERT, US
[72] RENNER, ROBERT, US
[72] RENNER, ROBERT, US
[71] RENNER, ROBERT, US
[22] 2019-05-02
[41] 2019-11-02
[30] US (62/665,675) 2018-05-02

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[21] **3,050,503**
[13] A1
[51] **Int.Cl. F28D 19/04 (2006.01) F23L 15/02 (2006.01) F24F 12/00 (2006.01) F24F 13/30 (2006.01)**
[25] EN
[54] **HEAT RECOVERY UNIT**
[54] **UNITE DE RECUPERATION DE CHALEUR**
[72] STENGLER, MATTHEW, CA
[72] LAPAIRE, ANDREW, CA
[71] INLINE HEAT RECOVERY INC., CA
[22] 2019-07-24
[41] 2019-11-01

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[21] **3,052,888**
[13] A1
[51] **Int.Cl. F02C 7/264 (2006.01) F01D 19/00 (2006.01) F02C 7/266 (2006.01)**
[25] EN
[54] **IGNITER FOR GAS TURBINE ENGINE**
[54] **ALLUMEUR POUR MOTEUR A TURBINE A GAZ**
[72] FREER, RICHARD, CA
[72] MCCALDON, KIAN, CA
[72] HU, TIN-CHEUNG JOHN, CA
[72] BOUSQUET, MICHEL, CA
[72] FORTIN, ANDRE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2019-08-22
[41] 2019-10-31
[30] US (62/782,398) 2018-12-20
[30] US (16/370,046) 2019-03-29
[30] US (62/730,064) 2018-09-12

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

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[13] A1
[51] **Int.Cl. B65D 33/02 (2006.01) B65D 75/00 (2006.01) B65D 75/58 (2006.01)**
[25] EN
[54] **FLEXIBLE POUCH WITH MEMORY SUPPORT STRIPS AND METHODS OF PRODUCING AND USING SAME**
[54] **POCHE SOUPLE A BANDES DE SUPPORT A MEMOIRE DE FORME ET SES PROCEDES DE FABRICATION ET D'UTILISATION**
[72] JAMES, THOMAS JOSEPH, US
[71] NESTEC S.A., CH
[85] 2017-01-26
[86] 2015-08-27 (PCT/IB2015/056513)
[87] (WO2016/030856)
[30] US (62/042,435) 2014-08-27

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[51] **Int.Cl. B01D 46/24 (2006.01) B01D 63/06 (2006.01) B01D 65/08 (2006.01) B01J 35/04 (2006.01) C04B 38/00 (2006.01)**
[25] FR
[54] **ELEMENT INTENDED FOR SEPARATION VIA TANGENTIAL FLOW AND HAVING BUILT-IN FLOW OBSTACLES, AND MANUFACTURE METHOD**
[54] **ELEMENT DE SEPARATION PAR FLUX TANGENTIEL INTEGRANT DES OBSTACLES A LA CIRCULATION ET PROCEDE DE FABRICATION**
[72] ANQUETIL, JEROME, FR
[71] TECHNOLOGIES AVANCEES ET MEMBRANES INDUSTRIELLES, FR
[85] 2017-02-02
[86] 2015-07-21 (PCT/FR2015/052000)
[87] (WO2016/024058)
[30] FR (1457745) 2014-08-11

[21] **2,969,071**
[13] A1
[51] **Int.Cl. B29C 33/10 (2006.01) B29C 70/48 (2006.01)**
[25] FR
[54] **MOULDING DEVICE FOR THE MANUFACTURE OF COMPOSITE COMPONENTS USING LIQUID POLYMER RESIN**
[54] **DISPOSITIF DE MOULAGE POUR LA FABRICATION DE PIECES EN MATERIAU COMPOSITE A PARTIR DE RESINE POLYMERE LIQUIDE**
[72] CAUCHOIS, JEAN-PIERRE, FR
[72] GERARD, PIERRE, FR
[72] FRANCOIS, GILLES, FR
[72] TAILLEMITE, SEBASTIEN, FR
[72] PERRIN, HENRI, FR
[71] ARKEMA FRANCE, FR
[71] INSTITUT DE SOUDURE, FR
[85] 2017-05-26
[86] 2015-12-03 (PCT/FR2015/053309)
[87] (WO2016/087788)
[30] FR (1461865) 2014-12-03

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[13] A1
[51] **Int.Cl. B01D 29/58 (2006.01) B01D 36/00 (2006.01) B01D 35/157 (2006.01)**
[25] EN
[54] **A FILTER CARTRIDGE PROVIDED WITH MEANS FOR DRAINING WATER AND A RELATIVE FILTER GROUP**
[54] **CARTOUCHE FILTRANTE MUNIE DE MOYENS DE DRAINAGE DE L'EAU ET GROUPE DE FILTRAGE ASSOCIE**
[72] GIRONDI, GIORGIO, IT
[71] UFI FILTERS S.P.A., IT
[85] 2017-05-26
[86] 2015-11-06 (PCT/IB2015/002116)
[87] (WO2016/087916)
[30] IT (RE2014A000099) 2014-12-01

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[13] A1
[51] **Int.Cl. B29C 33/10 (2006.01) B29C 70/48 (2006.01)**
[25] FR
[54] **MOULDING DEVICE FOR THE MANUFACTURE OF COMPOSITE COMPONENTS FROM LIQUID POLYMER RESIN BY HIGH-PRESSURE INJECTION**
[54] **DISPOSITIF DE MOULAGE POUR LA FABRICATION DE PIECES EN MATERIAU COMPOSITE A PARTIR DE RESINE POLYMERE LIQUIDE PAR INJECTION HAUTE PRESSION**
[72] CAUCHOIS, JEAN-PIERRE, FR
[72] FRANCOIS, GILLES, FR
[72] GERARD, PIERRE, FR
[72] PERRIN, HENRI, FR
[72] TAILLEMITE, SEBASTIEN, FR
[71] ARKEMA FRANCE, FR
[71] INSTITUT DE SOUDURE, FR
[85] 2017-05-31
[86] 2015-12-03 (PCT/FR2015/053310)
[87] (WO2016/087789)
[30] FR (1461867) 2014-12-03

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[13] A1
[25] EN
[54] **METHOD FOR EVALUATING MESENCHYMAL STEM CELL ACTIVITY, METHOD FOR CULTURING MESENCHYMAL STEM CELLS, METHOD FOR PRODUCING THERAPEUTIC AGENT FOR LIVER DYSFUNCTION, AND THERAPEUTIC AGENT FOR LIVER DYSFUNCTION**
[54] **PROCEDE D'EVALUATION DE L'ACTIVITE DE CELLULES SOUCHES MESENCHYMATEUSES, PROCEDE DE CULTURE DE CELLULES SOUCHES MESENCHYMATEUSES, PROCEDE DE PRODUCTION D'AGENT THERAPEUTIQUE DESTINE AU DYSFONCTIONNEMENT DU FOIE ET AGENT THERAPEUTIQUE DESTINE AU DYSFONCTIONNEMENT DU FOIE**
[72] SAKAIDA, ISAO, JP
[72] TERAI, SHUJI, JP
[72] TAKAMI, TARO, JP
[72] FUJISAWA, KOICHI, JP
[72] YAMAMOTO, NAOKI, JP
[72] YONEDA, KENJI, JP
[71] YAMAGUCHI UNIVERSITY, JP
[71] SHIBUYA CORPORATION, JP
[85] 2017-06-01
[86] 2015-08-19 (PCT/JP2015/073198)
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[30] JP (2014-189378) 2014-09-17

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[51] **Int.Cl. B01D 53/50 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR IMPROVING THE CAPTURE OF SO2 FROM THE GASES OF ELECTROLYSIS TANKS BY A SET OF FILTERING MODULES**
[54] **PROCEDE ET DISPOSITIF POUR AMELIORER LA CAPTATION DU SO2 ISSU DES GAZ DE CUVES D'ELECTROLYSE PAR UN ENSEMBLE DE MODULES FILTRANTS**
[72] CLOUTIER, BERNARD, FR
[72] BOUHABILA, EL HANI, FR
[72] COURAU, ALIX, FR
[71] FIVES SOLIOS, FR
[85] 2017-06-02
[86] 2016-01-25 (PCT/FR2016/050141)
[87] (WO2016/128635)
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[21] **2,970,070**
[13] A1
[51] **Int.Cl. B29D 99/00 (2010.01) B29C 70/34 (2006.01) B29C 70/38 (2006.01)**
[25] EN
[54] **METHOD OF MAKING PAD-UPS FOR COMPOSITE STRUCTURES AND COMPOSITE STRUCTURES INCLUDING PAD-UPS**
[54] **PROCEDE DE FABRICATION DE COUSSINETS POUR STRUCTURES COMPOSITES ET STRUCTURES COMPOSITES COMPRENANT LES COUSSINETS**
[72] DE GROSBOIS, MARC-ARTHUR, CA
[72] LACHANCE, JEAN-PHILIPPE, CA
[71] BOMBARDIER INC., CA
[85] 2017-06-07
[86] 2015-12-04 (PCT/IB2015/059367)
[87] (WO2016/092438)
[30] US (62/090,976) 2014-12-12

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[13] A1
[51] **Int.Cl. D21H 17/37 (2006.01) D21H 17/42 (2006.01) D21H 17/44 (2006.01) D21H 21/10 (2006.01) D21H 21/18 (2006.01)**
[25] EN
[54] **POLYMER PRODUCT IN PARTICLE FORM AND ITS USE**
[54] **PRODUIT POLYMERE SOUS FORME DE PARTICULES ET SON UTILISATION**
[72] KARPPI, ASKO, FI
[72] HIETANIEMI, MATTI, FI
[72] LEPO, ANNELI, FI
[72] STRENGELL, KIMMO, FI
[71] KEMIRA OYJ, FI
[85] 2017-06-07
[86] 2016-01-26 (PCT/FI2016/050038)
[87] (WO2016/120524)
[30] FI (20155058) 2015-01-27

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[13] A1
[51] **Int.Cl. B29C 45/00 (2006.01) B65D 6/00 (2006.01) B65D 8/00 (2006.01)**
[25] EN
[54] **INTERNALLY HOLLOW BODY, MOULD AND MANUFACTURING METHOD THEREOF**
[54] **CORPS INTERIEUREMENT CREUX, MOULE, ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] NENNA, UMBERTO, IT
[72] POLI, FABRIZIO, IT
[71] NENNA, UMBERTO, IT
[71] POLI, FABRIZIO, IT
[85] 2017-06-09
[86] 2015-11-27 (PCT/IB2015/059175)
[87] (WO2016/092407)
[30] IT (BS2014A000205) 2014-12-11

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[13] A1
[51] **Int.Cl. A47G 19/03 (2006.01) A47K 10/34 (2006.01) B31D 1/04 (2006.01) B31D 5/00 (2017.01) B31F 1/00 (2006.01) B65H 39/02 (2006.01) B65H 45/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FOLDING AND OPENING-UP WIPES**
[54] **PROCEDE ET APPAREIL DESTINES A PLIER ET A OUVRIR DES LINGETTES**
[72] ABBOSH, ODAY, GB
[72] FAWCUS, PHILIP RUSSELL, GB
[72] BRANDON-JONES, JULIAN, GB
[72] NANNIZZI, EMANUEL, IT
[72] GIOMETTI, GIANLUCA, IT
[72] REED, DAVE, GB
[71] BETTER ALL ROUND LTD, GB
[85] 2017-06-14
[86] 2015-12-17 (PCT/GB2015/054057)
[87] (WO2016/097745)
[30] GB (1422632.8) 2014-12-18

[21] **2,973,980**
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[25] EN
[54] **NON-METALLIC COATING FOR STEEL SUBSTRATES AND METHOD FOR FORMING THE SAME**
[54] **REVETEMENT NON METALLIQUE POUR SUBSTRATS EN ACIER ET SON PROCEDE DE FORMATION**
[72] BELZNER, MATHIAS, DE
[72] DOMNICK, RALPH, DE
[72] SCHLEICHERT, EDWARD, DE
[72] WOMACK, DARREN, CA
[71] MAGNA INTERNATIONAL INC., CA
[85] 2017-07-12
[86] 2016-03-17 (PCT/CA2016/050298)
[87] (WO2016/145533)
[30] DE (102015204802.0) 2015-03-17
[30] DE (102015204803.9) 2015-03-17

[21] **2,975,917**
[13] A1
[25] EN
[54] **PROCESS, APPARATUS OR SYSTEM AND KIT FOR CLASSIFICATION OF TUMOR SAMPLES OF UNKNOWN AND/OR UNCERTAIN ORIGIN AND USE OF GENES OF THE GROUP OF BIOMARKERS**
[54] **PROCEDE, APPAREIL OU SYSTEME ET KIT POUR LA CLASSIFICATION D'ECHANTILLONS TUMORAUX D'ORIGINE INCONNUE ET/OU INCERTAINE ET UTILISATION DE GENES DU GROUPE DES BIOMARQUEURS**
[72] VIDAL, RAMON OLIVEIRA, BR
[72] SANTOS, MARCOS TADEU DOS, BR
[72] SANTOS, MARCOS TADEU DOS, BR
[72] SANTOS, MARCOS TADEU DOS, BR
[72] SANTOS, MARCOS TADEU DOS, BR
[72] SANTOS, MARCOS TADEU DOS, BR
[72] SANTOS, MARCOS TADEU DOS, BR
[71] VIDAL, RAMON OLIVEIRA, BR
[71] SANTOS, MARCOS TADEU DOS, BR
[71] FLEURY S/A, BR
[71] HOSPITAL DO CANCER DE BARRETOS - FUNDACAO PIO XII, BR
[71] UNIVERSIDADE FEDERAL DO MARANHAO, BR
[85] 2017-08-03
[86] 2014-11-19 (PCT/BR2014/000418)
[87] (WO2015/117210)
[30] BR (BR102014003033-6) 2014-02-07

[21] **2,994,883**
[13] A1
[25] EN
[54] **METHOD FOR OBTAINING GLYPHOSATE-RESISTANT RICE BY SITE-DIRECTED NUCLEOTIDE SUBSTITUTION**
[54] **PROCEDE POUR OBTENIR DU RIZ RESISTANT AU GLYPHOSATE PAR SUBSTITUTION DE NUCLEOTIDE DIRIGEE**
[72] GAO, CAIXIA, CN
[72] LI, JUN, CN
[71] INSTITUTE OF GENETICS AND DEVELOPMENTAL BIOLOGY, CHINESE ACADEMY OF SCNCES, CN
[85] 2018-02-06
[86] 2016-08-15 (PCT/CN2016/095307)
[87] (WO2017/028768)
[30] CN (201510500930.8) 2015-08-14

[21] **2,996,203**
[13] A1
[25] EN
[54] **MODULAR SUPPORT STRUCTURE**
[54] **STRUCTURE DE SUPPORT MODULAIRE**
[72] PETRUCCO, ALVISE, ES
[72] PILOTTO, DANIEL, ES
[72] STEFANUTTI, RINO, ES
[72] PERROTTA ORGNANI, VINCENZO, ES
[71] PETRUCCO, S.A., ES
[85] 2018-08-22
[86] 2018-01-17 (PCT/ES2018/070037)
[87] (WO2019/141882)

[21] **2,997,578**
[13] A1
[25] EN
[54] **REDUCING SYSTEMIC REGULATORY T CELL LEVELS OR ACTIVITY FOR TREATMENT OF DISEASE AND INJURY OF THE CNS**
[54] **REDUCTION DES NIVEAUX OU DE L'ACTIVITE REGULATOIRES SYSTEMIQUES DES LYMPHOCYTES T EN VUE DU TRAITEMENT DE MALADIE ET BLESSURE DU SNC**
[72] EISENBACH-SCHWARTZ, MICHAL, IL
[72] BARUCH, KUTI, IL
[72] ROSENZWEIG, NETA, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[85] 2018-10-11
[86] 2017-09-08 (PCT/IL2017/051011)
[87] (WO2018/047178)
[30] US (15/261945) 2016-09-10
[30] IB (PCT/IB2016/001433) 2016-09-10

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[13] A1
[51] **Int.Cl. H01R 13/24 (2006.01)**
[25] EN
[54] **ELECTRICAL CONTACT AND SOCKET-OUTLET COMPRISING SUCH AN ELECTRICAL CONTACT**
[54] **CONTACT ELECTRIQUE ET SOCLE DE PRISE COMPRENANT UN TEL CONTACT ELECTRIQUE**
[72] ZAGROUN, FRANCIS, FR
[71] SOCIETE D'EXPLOITATION DES PROCEDES MARECHAL, FR
[85] 2018-03-14
[86] 2016-09-12 (PCT/FR2016/052285)
[87] (WO2017/046496)
[30] FR (1558816) 2015-09-18

[21] **3,007,158**
[13] A1
[25] EN
[54] **INTELLIGENT DUST MOP**
[54] **VADROUILLE INTELLIGENTE**
[72] WANG, YONGDONG, CN
[72] LI, BIN, CN
[71] NINGBO SHIJIA CLEANING TOOLS CO,LTD., CN
[71] ZHEJIANG LERA NEW ENERGY POWER TECHNOLOGY CO., LTD., CN
[85] 2018-08-06
[86] 2017-10-20 (PCT/CN2017/107060)
[87] (WO2019/061596)
[30] CN (CN201710885544.4) 2017-09-27

[21] **3,009,041**
[13] A1
[25] EN
[54] **UREA AMMONIUM NITRATE PRODUCTION COMPRISING CONDENSATION**
[54] **PRODUCTION DE NITRATE D'AMMONIUM D'UREE COMPRENANT UNE CONDENSATION**
[72] PUCI, GIUSY ELISA, NL
[72] DOBREE, JOEY, NL
[71] STAMICARBON B.V., NL
[85] 2018-06-18
[86] 2016-12-21 (PCT/NL2016/050905)
[87] (WO2017/111588)
[30] EP (15201582.2) 2015-12-21

[21] **3,011,300**
[13] A1
[25] EN
[54] **ADJUSTMENT DEVICE FOR ADJUSTING THE INCLINATION OF THE BACKREST OF A SEAT OF A VEHICLE**
[54] **DISPOSITIF D'AJUSTEMENT DE L'INCLINAISON DU DOSSIER D'UN SIEGE D'UN VEHICULE**
[72] COSTANTINO, GIANFRANCO, IT
[71] MARTUR SUNGER VE KOLTUK TESISLERI TICARET VE SANAYI A.S., TR
[85] 2018-08-09
[86] 2017-09-08 (PCT/IB2017/055429)
[87] (WO2019/048911)

[21] **3,014,975**
[13] A1
[25] EN
[54] **ENDOSCOPIC SYSTEMS, DEVICES, AND METHODS**
[54] **SYSTEMES, DISPOSITIFS ET METHODES ENDOSCOPIQUES**
[72] YEUNG, CHUNG KWONG, CN
[72] LAM, WING FAI, CN
[71] BIO-MEDICAL ENGINEERING (HK) LIMITED, CN
[85] 2018-08-22
[86] 2018-05-08 (PCT/CN2018/085972)
[87] (3014975)
[30] US (15/710,555) 2017-09-20
[30] US (15/972,094) 2018-05-04

[21] **3,015,206**
[13] A1
[25] EN
[54] **WET HIGH INTENSITY MAGNETIC SEPARATOR**
[54] **SEPARATEUR MAGNETIQUE HAUTE INTENSITE HUMIDE**
[72] ZHANG, CHENGCHEN, CN
[72] TANG, QI, CN
[72] FENG, JI, CN
[72] YANG, JIAO, CN
[72] WU, QIONG, CN
[72] DENG, XUEJIAO, CN
[72] LI, BIN, CN
[71] LONGI MAGNET CO., LTD., CN
[85] 2018-09-13
[86] 2018-01-11 (PCT/CN2016/072200)
[87] (WO2016/165447)
[30] CN (201710104569.6) 2017-02-24

[21] **3,015,583**
[13] A1
[51] **Int.Cl. B01J 21/06 (2006.01) B01J 35/00 (2006.01) C04B 41/00 (2006.01) C04B 41/45 (2006.01) C04B 41/50 (2006.01)**
[25] EN
[54] **A PHOTOCATALYTIC CONCRETE PRODUCT AND A METHOD TO PRODUCE A PHOTOCATALYTIC CONCRETE PRODUCT**
[54] **PRODUIT PHOTOCATALYTIQUE DE BETON ET PROCEDE DE PRODUCTION D'UN PRODUIT PHOTOCATALYTIQUE DE BETON**
[72] JENSEN, HENRIK, DK
[72] REENBERG, THEIS, DK
[72] OSTERGAARD, SIMON LAUSTEN, DK
[71] PHOTOCAT A/S, DK
[85] 2018-08-23
[86] 2016-02-26 (PCT/DK2016/050054)
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[30] DK (PA 2015 70114) 2015-02-27

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[13] A1
[51] **Int.Cl. A61G 1/003 (2006.01) A61G 1/013 (2006.01) A61G 1/017 (2006.01) A61G 7/10 (2006.01)**
[25] EN
[54] **METHOD AND EQUIPMENT FOR RAISING A LYING PERSON**
[54] **PROCEDE ET EQUIPEMENT SERVANT A SOULEVER UNE PERSONNE ALLONGEE**
[72] ERIKSEN, FLEMMING, DK
[72] MOLLER, ANDERS LYKKEGAARD, DK
[71] LIFTUP A/S, DK
[85] 2018-08-23
[86] 2015-02-27 (PCT/DK2015/050041)
[87] (WO2016/134718)

[21] **3,015,807**
[13] A1
[25] EN
[54] **WORK VEHICLE**
[54] **VEHICULE DE TRAVAIL**
[72] TANAKA, YUSHI, JP
[72] MAEDA, RYOSUKE, JP
[72] IMAIZUMI, MASAAKI, JP
[71] KOMATSU LTD., JP
[85] 2018-08-28
[86] 2018-04-11 (PCT/JP2018/015295)
[87] (3015807)

[21] **3,016,684**
[13] A1
[25] EN
[54] **LOAD MODULE COMPILER**
[54] **COMPILATEUR DE MODULE DE CHARGE**
[72] JAEGER, JAN, CH
[72] GRIEVE, THOMAS D., GB
[71] LZLABS GMBH, CH
[85] 2018-09-05
[86] 2016-03-11 (PCT/IB2016/051415)
[87] (WO2017/153815)

[21] **3,016,977**
[13] A1
[51] **Int.Cl. H04B 10/70 (2013.01) H04L 9/08 (2006.01)**
[25] EN
[54] **CHIP-BASED QUANTUM KEY DISTRIBUTION**
[54] **DISTRIBUTION DE CLE QUANTIQUE A BASE DE PUCE**
[72] GODFREY, MARK, GB
[72] THOMPSON, MARK, GB
[72] SIBSON, PHILIP, GB
[71] THE UNIVERSITY OF BRISTOL, GB
[85] 2018-09-06
[86] 2016-03-08 (PCT/GB2016/050634)
[87] (WO2016/142701)
[30] GB (1504047.0) 2015-03-10

[21] **3,017,011**
[13] A1
[25] EN
[54] **BURNER UNIT**
[54] **MODULE DE BRULEUR**
[72] DALLA VECCHIA, LAURA, IT
[72] DALLA VECCHIA, STEFANO, IT
[72] PESERICO, DOMENICO, IT
[72] BENETTI, MASSIMILIANO, IT
[72] BONOLLO, ALBERTO, IT
[71] POLIDORO S.P.A., IT
[85] 2018-09-10
[86] 2018-07-25 (PCT/IB2018/055569)
[87] (3017011)
[30] IB (PCT/IB2017054619) 2017-07-28

[21] **3,017,369**
[13] A1
[25] EN
[54] **COMPOSITION FOR SUPPRESSING OR PREVENTING ABNORMALITY IN INTESTINAL ENVIRONMENT**
[54] **COMPOSITION DE SUPPRESSION OU PREVENTION D'ANOMALIE DANS L'ENVIRONNEMENTINTESTINAL**
[72] IKEDA, MITSUNORI, JP
[72] SHIMIZU, KENTARO, JP
[72] OGURA, HIROSHI, JP
[72] HIRANO, SHINICHI, JP
[72] KUROKAWA, RYOSUKE, JP
[71] MIZ COMPANY LIMITED, JP
[71] OSAKA UNIVERSITY, JP
[85] 2018-09-14
[86] 2018-03-30 (PCT/JP2018/013541)
[87] (WO2019/123672)

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[13] A1
[51] **Int.Cl. A61K 8/04 (2006.01) A61K 8/06 (2006.01) A61K 8/14 (2006.01) A61K 8/58 (2006.01) A61K 8/894 (2006.01) A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 9/10 (2006.01) A61K 9/127 (2006.01) A61K 36/00 (2006.01) A61K 47/10 (2017.01) A61K 47/24 (2006.01) A61K 47/44 (2017.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **TOPICAL COMPOSITION COMPRISING PLANT EXTRACTS**
[54] **COMPOSITION TOPIQUE COMPRENANT DES EXTRAITS VEGETAUX**
[72] PACCHETTI, BARBARA, CH
[71] LINNEA SA, CH
[85] 2018-09-13
[86] 2017-03-30 (PCT/IB2017/051810)
[87] (WO2017/168354)
[30] IT (102016000033595) 2016-04-01

[21] **3,017,848**
[13] A1
[51] **Int.Cl. E21B 21/10 (2006.01) E21B 34/00 (2006.01) E21B 34/10 (2006.01) E21B 34/14 (2006.01) F16K 11/056 (2006.01) F16K 11/087 (2006.01)**
[25] EN
[54] **A DOWNHOLE TOOL AND ACTUATION ELEMENT**
[54] **OUTIL DE FOND DE TROU ET ELEMENT D'ACTIONNEMENT**
[72] DATE, JAMES CHARLES, GB
[72] ABBOTT, MALCOLM ADRIAN, GB
[71] HELIX DRILLING TOOLS LIMITED, GB
[85] 2018-09-11
[86] 2016-03-16 (PCT/GB2016/050713)
[87] (WO2016/146998)
[30] GB (1504426.6) 2015-03-17

[21] **3,017,858**
[13] A1
[51] **Int.Cl. G06Q 20/36 (2012.01) G06Q 20/38 (2012.01) G06Q 20/40 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **CERTIFICATE ISSUING SYSTEM BASED ON BLOCK CHAIN**
[54] **SYSTEME D'EMISSION DE CERTIFICAT BASE SUR UNE CHAINE DE BLOCS**
[72] UHR, JOON SUN, KR
[72] HONG, JAY WU, KR
[72] SONG, JOO HAN, KR
[71] COINPLUG, INC., KR
[85] 2018-09-14
[86] 2016-03-07 (PCT/KR2016/002226)
[87] (WO2017/022917)
[30] KR (10-2015-0109320) 2015-08-03

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[54] **SYSTEME ET PROCEDE PERMETTANT DE VERIFIER LA FALSIFICATION DE PIECES JUSTIFICATIVES D'INSTITUTION FINANCIERE SUR LA BASE D'UNE CHAINE DE BLOCS**
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[72] HONG, JAY WU, KR
[72] SONG, JOO HAN, KR
[71] COINPLUG, INC., KR
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[54] **SYSTEME ET METHODE DE RENFORCEMENT D'AEROSTATS**
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[71] MELO, ANDRE AUGUSTO CEBALLOS, BR
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[54] **FACTEUR TISSULAIRE HUMAIN SOLUBLE RECOMBINE, SON PROCEDE DE PRODUCTION ET UTILISATIONS ASSOCIEES**
[72] OSTHER, KURT BAKGAARD, US
[71] DANA GENETIC A/S, DK
[85] 2018-09-19
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[54] **COPOLYMERE HYDROSOLUBLE ET SON UTILISATION COMME DISPERSANT POUR SUSPENSION DE PARTICULES**
[72] BOUZID, MEHDI, FR
[72] CHAMPAGNE, CLEMENTINE, FR
[72] MAGNY, BENOIT, FR
[72] SUAU, JEAN-MARC, FR
[71] COATEX, FR
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[54] **PROCEDE ET SYSTEME DE ROUTEURS A FONCTION MODEM**
[72] MIRON, EYAL, IL
[72] SANDLERMAN, NIMROD, IL
[71] ELECTRICAL GRID MONITORING LTD., IL
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[54] **DENTAL CLEANING TOOL WITH HANDLE SHIELD**
[54] **NETTOYAGE DENTAIRE A L'AIDE D'UN PROTECTEUR A POIGNEE**
[72] TO, CHUN YUEN, CN
[71] WORLD WIDE DAILY HOLDINGS COMPANY LIMITED, CN
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[54] **COMMUNICATION DANS UN DEUXIEME CANAL PENDANT LA CESSATION DE TRANSMISSION DANS UN PREMIER CANAL**
[72] LEPP, JAMES RANDOLPH WINTER, CA
[72] MONTEMURRO, MICHAEL PETER, CA
[72] MONTEMURRO, MICHAEL PETER, GB
[71] BLACKBERRY LIMITED, CA
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[54] **SOUCHES DE BACTERIOPHAGES ET LEURS APPLICATIONS**
[72] WOJTASIK, ARKADIUSZ, PL
[72] GORECKA, ELZBIETA, PL
[72] WOJCIK, EWELINA, PL
[72] STANCZYK, MALGORZATA, PL
[72] KOLSUT, JOANNA, PL
[72] KLIMCZAK, JUSTYNA, PL
[72] DASTYCH, JAROSLAW, PL
[72] SIWICKI, ANDRZEJ K., PL
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[54] **COMPOSITIONS NOVATRICES COMME INHIBITRICES D'AUTOTAXINE ET COMPOSITIONS PHARMACEUTIQUES EN RENFERMANT**
[72] LEE, DAE YON, KR
[72] CHAE, SANG EUN, KR
[72] JUNG, EUN MI, KR
[72] YANG, EUN HYE, KR
[72] CHOI, YOON JEONG, KR
[72] CHUNG, CHUL-WOONG, KR
[72] SHIN, JU HYUN, KR
[72] KIM, YUN KI, KR
[72] KWON, HYUN JIN, KR
[72] RYU, JEONG HEE, KR
[72] BAN, EUN HYE, KR
[72] KIM, YONG ZU, KR
[72] OH, YEONG SOO, KR
[72] CHAE, JEIWOOK, KR
[71] LEGOCHEM BIOSCIENCES, INC., KR
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[54] **SYSTEME PON ET METHODE DE CONTROLE DES COMMUNICATIONS**
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[71] NEC PLATFORMS, LTD., JP
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[72] TAPELLA, ALBERTO, IT
[72] VENIR, DAVIDE, IT
[71] TAPELLA, ALBERTO, IT
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[54] **SOLAR POWER GENERATION COMPONENT**
[54] **COMPOSANTE DE PRODUCTION D'ENERGIE SOLAIRE**
[72] DUAN, JUN, CN
[72] HONG, CHENGJIAN, CN
[72] HU, DEZHENG, CN
[72] LI, YUANMIN, CN
[72] XU, XIXIANG, CN
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[54] **STATION DE PAIEMENT AUXILIAIRE SOUS LA FORME D'UN CHARIOT DE SUPERMARCHE**
[72] KACZMARCZYK, JAROSLAW, PL
[72] BRULINSKI, TOMASZ, PL
[71] ZEROQS SP. Z O.O., PL
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[54] **COMPOSITE IRON PELLETS AND METHODS OF MAKING SAME**
[54] **BOULETTES DE FER COMPOSITES ET PROCEDES POUR LES FABRIQUER**
[72] SADDIK, MOHAMED BAHGAT, NL
[72] HANAFY, HESHAM AHMED, NL
[71] SABIC GLOBAL TECHNOLOGIES B.V., NL
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[54] **COMPOUNDS**
[54] **COMPOSES**
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[72] FRASER, CRAIG, GB
[72] O. CARRAGHER, NEIL, GB
[71] THE UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH, GB
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[54] **APPAREIL HORTICOLE**
[72] DUMONT, GILLES, CA
[71] 9934294 CANADA INC., CA
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[54] **PROCEDE DE FORMATION DE TUYAU**
[72] ROBERTS, RICHARD DAMON GOODMAN, GB
[72] JONES, MARTIN PETER WILLIAM, GB
[72] RUMSEY, LUKE, GB
[72] BRICKWOOD, JOHN, GB
[72] EDWARD, GILES, GB
[72] BUJDOSO, MILAN, GB
[71] M-FLOW TECHNOLOGIES LIMITED, GB
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[72] BURR, ALAN GRAHAM, GB
[71] BURR, ALAN GRAHAM, GB
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[72] SZARVAS, TIBOR, HU
[71] OPTIFILTER RESEARCH ZRT., HU
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[54] **FRIGELISATION D'HUILE DE POISSON**
[72] HREGGVIDSSON, SNORRI, IS
[71] MARGILDI EHF., IS
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[54] **RNA COMPLEXES THAT INHIBIT MELANIN PRODUCTION**
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[72] HONG, SUN, WOO, KR
[72] HONG, ISU, KR
[72] KIM, JI, HYUN, KR
[71] OLIX PHARMACEUTICALS, INC., KR
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[54] **ECO-FRIENDLY SNOW REMOVAL COMPOSITION COMPRISING POROUS STRUCTURE FROM STARFISH**
[54] **COMPOSITION ECOLOGIQUE D'ENLEVEMENT DE LA NEIGE RENFERMANT UNE STRUCTURE POREUSE D'UNE ETOILE DE MER**
[72] YANG, SEUNG CHAN, KR
[72] KANG, SEON HWA, KR
[71] STARS TECH CO., LTD, KR
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[54] **SAXIFRAGA EXTRACTS FOR COSMETIC OR THERAPEUTIC USE ON THE SKIN**
[54] **EXTRAITS DE SAXIFRAGA POUR UTILISATION COSMETIQUE OU THERAPEUTIQUE SUR LA PEAU**
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[72] SIMONNET, XAVIER, CH
[72] SCHNYDER, BRUNO, CH
[71] TAUDERMA SA, CH
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[54] **TERMINAL APPARATUS, BASE STATION APPARATUS, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT**
[54] **DISPOSITIF TERMINAL, DISPOSITIF STATION DE BASE, PROCEDE DE COMMUNICATION ET CIRCUIT INTEGRE**
[72] LIU, LIQING, JP
[72] SUZUKI, SHOICHI, JP
[72] AIBA, TATSUSHI, JP
[72] HAYASHI, TAKASHI, JP
[72] YOSHIMURA, TOMOKI, JP
[72] OUCHI, WATARU, JP
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[54] **MULTI-APERTURE PLATE FASTENING**
[54] **FIXATION DE PLAQUE MULTIOUVERTURE**
[72] WINEKOFF, KIRBY, US
[72] CAI, BIN, US
[71] PETSMART HOME OFFICE, INC., US
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[54] **ICE DETECTION/PROTECTION AND FLOW CONTROL SYSTEM BASED ON PRINTING OF DIELECTRIC BARRIER DISCHARGE SLIDING PLASMA ACTUATORS**
[54] **SYSTEME DE DETECTION/PROTECTION ANTIGEL ET DE REGULATION D'ECOULEMENT BASE SUR L'IMPRESSION D'ACTIONNEURS PLASMA A GLISSEMENT AVEC BARRIERE DIELECTRIQUE DE DECHARGE**
[72] ABDOLLAHZADEHSANGROUDI, MOHAMMADMAHDI, PT
[72] PASCOA MARQUES, JOSE CARLOS, PT
[72] FREIRE RODRIGUES, FREDERICO MIGUEL, PT
[71] UNIVERSIDADE DA BEIRA INTERIOR, PT
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[54] **SOIL-COVERING FILM, THE USE OF A SOIL-COVERING FILM TO PROTECT CROPS AGAINST WEEDS, AND A METHOD FOR THE PROTECTION OF CROPS AGAINST WEEDS**
[54] **FILM DE RECOUVREMENT DE SOL, UTILISATION D'UN FILM DE RECOUVREMENT DE SOL POUR PROTEGER LES CULTURES CONTRE LES MAUVAISES HERBES, ET PROCEDE DE PROTECTION DES CULTURES CONTRE LESMAUVAISES HERBES**
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[71] HOLAGRO KFT., HU
[85] 2018-11-09
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[54] **APPAREIL D'ETOURDISSEMENT DE POISSONS A ECOULEMENT TRAVERSANT ET PROCEDE D'ETOURDISSEMENT DE POISSONS**
[72] LINES, JEFF, GB
[72] PYNE-CARTER, NATHAN EMMIT, GB
[71] ACE AQUATEC LTD., GB
[85] 2018-11-09
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[54] **OSCILLATEUR AYANT UNE SENSIBILITE A L'ACCELERATION REDUITE**
[72] SAUR-BROSCH, ROLAND, DE
[71] KVG QUARTZ CRYSTAL TECHNOLOGY GMBH, DE
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[54] **DERIVES DE 5-ALA ET LEUR UTILISATION**
[72] BABIC, ANDREJ, FR
[72] LANGE, NORBERT, CH
[71] UNIVERSITE DE GENEVE, CH
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[54] **METHODE ET APPAREIL DE CONFIGURATION DE SIGNAL DE REFERENCE**
[72] SHI, HONGZHE, CN
[72] HAN, WEI, CN
[72] QIN, YI, CN
[72] LIU, JIANQIN, CN
[72] JIANG, PENG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[71] OLFA CORPORATION, JP
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[54] **DISPOSITIF DE DECONTAMINATION ET PROCEDE ASSOCIE POUR INSTRUMENTS MEDICAUX**
[72] VAN DEN HOUDT, ANDREAS ADRIANUS LAMBERTUS, NL
[72] VERHOEVEN, FRANCISCUS MARIA, NL
[72] PESSERS, PAUL HERMAN MARIA, NL
[71] NIKINC HOLDING B.V., NL
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[54] **PROCEDE POUR LA PRODUCTION DE POLYETHYLENE TEREPHTALATE MODIFIE PAR DU GLYCOL A PARTIR DE MATIERES PREMIERES RECYCLEES**
[72] MONTE, GIANNI, IT
[71] DI GIACINTO, PALMINO, IT
[71] MONTE, GIANNI, IT
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[54] **TRAVERSE EN COMPOSITE ET POTEAU DE TRANSMISSION**
[72] MA, BIN, CN
[72] YU, JIE, CN
[72] LI, DEQUAN, CN
[72] FANG, JIANG, CN
[71] JIANGSU SHEMAR ELECTRIC CO., LTD., CN
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[72] ROBINSON, THOMAS JAMES CHRISTOPER, GB
[71] ADAPTAVATE LTD, GB
[85] 2018-11-23
[86] 2016-07-18 (PCT/GB2016/052165)
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[30] GB (1512679.0) 2015-07-20

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[51] **Int.Cl. A01D 45/00 (2018.01)**
[25] EN
[54] **ARRANGEMENT AND METHOD FOR THE CULTIVATION OF HORTICULTURAL PRODUCTS**
[54] **AGENCEMENT ET PROCEDE DE CULTURE DE PRODUITS HORTICOLES**
[72] CHRISTIAENS, MARTINUS LEONARDUS HENDRIKUS MARIA, NL
[71] CHRISTIAENS GROUP B.V., NL
[85] 2018-11-26
[86] 2017-05-26 (PCT/NL2017/050339)
[87] (WO2017/204643)
[30] NL (2016850) 2016-05-27

[21] **3,025,677**
[13] A1
[51] **Int.Cl. H04W 4/00 (2018.01) H04W 4/24 (2018.01) H04W 16/32 (2009.01) H04W 72/04 (2009.01) H04W 88/14 (2009.01)**
[25] EN
[54] **COMMUNICATION SYSTEM, CONTROL DEVICE, COMMUNICATION TERMINAL, COMMUNICATION DEVICE, AND COMMUNICATION METHOD**
[54] **SYSTEME DE COMMUNICATION, DISPOSITIF DE COMMANDE, TERMINAL DE COMMUNICATION, DISPOSITIF DE COMMUNICATION ET PROCEDE DE COMMUNICATION**
[72] TAMURA, TOSHIYUKI, JP
[71] NEC CORPORATION, JP
[85] 2018-11-26
[86] 2017-05-02 (PCT/JP2017/017252)
[87] (WO2017/203956)
[30] JP (2016-105254) 2016-05-26

[21] **3,025,706**
[13] A1
[25] EN
[54] **CHANNEL MEASUREMENT METHOD AND USER EQUIPMENT**
[54] **METHODE DE MESURE DE CANAL ET EQUIPEMENT UTILISATEUR**
[72] WU, YE, CN
[72] JIN, HUANGPING, CN
[72] CHEN, XIAOBO, CN
[72] BI, XIAOYAN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-11-29
[86] 2018-06-22 (PCT/CN2018/092312)
[87] (3025706)
[30] CN (201710987133.6) 2017-10-20
[30] CN (201810061105.6) 2018-01-22

[21] **3,025,955**
[13] A1
[25] EN
[54] **SUN TRACKING SOLAR SYSTEM**
[54] **SYSTEME SOLAIRE AVEC POURSUITE SOLAIRE**
[72] HU, XIAOPING, CN
[71] BOLYMEDIA HOLDINGS CO. LTD., US
[85] 2018-11-29
[86] 2016-06-02 (PCT/CN2016/084503)
[87] (WO2017/206140)

[21] **3,026,306**
[13] A1
[25] EN
[54] **INTEGRATED PROCESS FOR THE PRE-TREATMENT OF BIOMASS AND PRODUCTION OF BIO-OIL**
[54] **PROCEDE INTEGRE POUR LE PRE-TRAITEMENT DE BIOMASSE ET LA PRODUCTION DE BIO-HUILE**
[72] RIBEIRO DE LIMA, DANILO, BR
[72] ANTUNES GUIMARAES, MATHEUS, BR
[72] FREEL, BARRY, CA
[72] D. HOPKINS, GEOFFREY, CA
[71] FIBRIA CELLULOSE S.A., BR
[71] ENSYN RENEWABLES, INC., US
[85] 2018-11-23
[86] 2017-05-26 (PCT/BR2017/050133)
[87] (WO2017/201598)
[30] US (62/341,671) 2016-05-26
[30] US (62/490,966) 2017-04-27

[21] **3,026,545**
[13] A1
[25] EN
[54] **INFORMATION SEARCH SYSTEM AND INFORMATION SEARCH PROGRAM**
[54] **SYSTEME DE RECHERCHE D'INFORMATION ET PROGRAMME DE RECHERCHE D'INFORMATION**
[72] NORO, NAOKI, JP
[72] TAKARA, YOHEI, JP
[72] ANDO, FUMINORI, JP
[71] EBA JAPAN CO.,LTD., JP
[85] 2019-01-08
[86] 2018-10-24 (PCT/JP2018/039469)
[87] (3026545)
[30] JP (2018-060572) 2018-03-27

[21] **3,026,815**
[13] A1
[51] **Int.Cl. A61K 47/68 (2017.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CELL TARGETING CONJUGATES**
[54] **CONJUGUES DE CIBLAGE DE CELLULES**
[72] VAN DONGEN, AUGUSTINUS ANTONIUS MARIA SILVESTER, NL
[72] SIJBRANDI, NIELS JURRIAAN, NL
[72] WAALBOER, DENNIS CHRISTIAN JOHANNES, NL
[72] HOUTHOFF, HENDRIK JAN, NL
[71] LINXIS B.V., NL
[85] 2018-12-04
[86] 2017-06-06 (PCT/NL2017/050364)
[87] (WO2017/213494)
[30] NL (2016898) 2016-06-06

[21] **3,026,912**
[13] A1
[25] EN
[54] **SYSTEMS AND METHODS FOR ANALYZING AND ADJUSTING ROAD CONDITIONS**
[54] **SYSTEMES ET METHODES D'ANALYSE ET D'AJUSTEMENT DES CONDITIONS ROUTIERES**
[72] LU, DONG, CN
[72] LI, JIALI, CN
[71] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD., CN
[85] 2018-12-10
[86] 2018-06-08 (PCT/CN2018/090379)
[87] (3026912)
[30] CN (201710440208.9) 2017-06-12
[30] CN (201710439453.8) 2017-06-12
[30] CN (201710440210.6) 2017-06-12

[21] **3,026,978**
[13] A1
[51] **Int.Cl. B32B 3/12 (2006.01) B32B 5/02 (2006.01) B32B 37/16 (2006.01) E04C 2/36 (2006.01)**
[25] EN
[54] **A METHOD OF MAKING A COMPOSITE STRUCTURE**
[54] **PROCEDE DE FABRICATION D'UNE STRUCTURE COMPOSITE**
[72] FERGUSSON, ALEXANDER DOUGLAS, GB
[72] NEWMAN, ALEXANDER GEORGE, GB
[72] MAYALL, ADAM PAUL LEON, GB
[72] BALEV, TEODOR BOYKOV, GB
[72] CASEY, JONATHAN PHILIP, GB
[72] WANG, TONG, GB
[72] DI GUISTO, MARC-ANTOINE LORMEL, GB
[71] FERGUSSON'S ADVANCED COMPOSITE TECHNOLOGY LIMITED, GB
[85] 2018-12-07
[86] 2016-06-10 (PCT/GB2016/051717)
[87] (WO2016/198883)
[30] GB (1510065.4) 2015-06-10

[21] **3,027,154**
[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01)**
[25] EN
[54] **MICROFLUIDIC DEVICE**
[54] **DISPOSITIF MICROFLUIDIQUE**
[72] BRIDLE, HELEN LOUISE, GB
[72] MILLER, BRIAN MAXDELL, GB
[71] HERIOT-WATT UNIVERSITY, GB
[85] 2018-12-10
[86] 2016-06-10 (PCT/GB2016/051713)
[87] (WO2016/198880)
[30] GB (1510189.2) 2015-06-11

[21] **3,027,555**
[13] A1
[25] EN
[54] **SYSTEMS AND METHODS FOR STATIONS LOADING AND DISPLAY**
[54] **SYSTEMES ET METHODES DE CHARGEMENT ET AFFICHAGE DE STATIONS**
[72] SONG, WANQIU, CN
[71] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD., CN
[85] 2018-12-14
[86] 2018-09-29 (PCT/CN2018/108688)
[87] (3027555)
[30] CN (CN201710920215.9) 2017-09-30
[30] CN (CN201710944891.X) 2017-09-30

[21] **3,027,627**
[13] A1
[51] **Int.Cl. G01C 21/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRAJECTORY DETERMINATION**
[54] **SYSTEMES ET METHODES DE DETERMINATION DE TRAJECTOIRE**
[72] LUO, WEI, CN
[71] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD., CN
[85] 2018-12-13
[86] 2017-07-13 (PCT/CN2017/092714)
[87] (WO2019/010659)

[21] **3,027,634**
[13] A1
[25] EN
[54] **TOOTHBRUSH**
[54] **BROSSE A DENTS**
[72] TO, CHUN YUEN, CN
[71] WORLD WIDE DAILY HOLDINGS COMPANY LIMITED, CN
[85] 2018-12-14
[86] 2018-10-09 (PCT/CN2018/109457)
[87] (3027634)
[30] CN (PCT/CN2017/117704) 2017-12-21

[21] **3,027,647**
[13] A1
[25] EN
[54] **SYSTEMS AND METHODS FOR ROUTE PLANNING**
[54] **SYSTEMES ET METHODES DE PLANIFICATION D'ITINERAIRE**
[72] SONG, WANQIU, CN
[72] ZHONG, XIANGYI, CN
[72] SU, RONGQUAN, CN
[71] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD, CN
[85] 2018-12-14
[86] 2018-06-21 (PCT/CN2018/092154)
[87] (3027647)
[30] CN (201710477223.0) 2017-06-21
[30] CN (201710525454.4) 2017-06-30
[30] CN (201710773418.X) 2017-08-31
[30] CN (201711071425.1) 2017-11-03
[30] CN (201711071415.8) 2017-11-03

[21] **3,027,904**
[13] A1
[25] EN
[54] **QUANTITATIVE SURFACE MEASUREMENTS BY COMBINING IMAGE AND HEIGHT PROFILE DATA**
[54] **MESURES DE SURFACE QUANTITATIVES OBTENUES EN COMBINANT DES DONNEES D'IMAGE ET DE PROFIL DE HAUTEUR**
[72] HELMORE, STEVEN, GB
[72] SCOTT, CHRISTOPHER, GB
[72] THURSBY, JONATHAN, GB
[72] LOUDEN, FRASER, US
[71] E.V. OFFSHORE LIMITED, GB
[85] 2018-12-18
[86] 2018-08-03 (PCT/GB2018/052226)
[87] (3027904)
[30] GB (1712486.8) 2017-08-03

[21] **3,028,291**
[13] A1
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING AN OPTIMAL STRATEGY**
[54] **SYSTEMES ET METHODES DE DETERMINATION D'UNE STRATEGIE OPTIMALE**
[72] LI, SIXU, CN
[72] LI, PEI, CN
[72] YANG, FAN, CN
[72] HU, LEI, CN
[71] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD., CN
[85] 2018-12-21
[86] 2018-07-20 (PCT/CN2018/096509)
[87] (3028291)
[30] CN (201710613409.4) 2017-07-25
[30] CN (201710618381.3) 2017-07-26

[21] **3,028,327**
[13] A1
[51] **Int.Cl. G01R 33/035 (2006.01)**
[25] EN
[54] **SUPERCONDUCTING MAGNETIC SENSOR**
[54] **CAPTEUR MAGNETIQUE SUPRACONDUCTEUR**
[72] CHESCA, BORIS, GB
[72] JOHN, DANIEL, GB
[71] LOUGHBOROUGH UNIVERSITY, GB
[85] 2018-12-18
[86] 2016-06-23 (PCT/GB2016/051880)
[87] (WO2017/006079)
[30] GB (1511803.7) 2015-07-06

[21] **3,028,331**
[13] A1
[51] **Int.Cl. H04W 64/00 (2009.01) H04W 4/02 (2018.01) H04W 84/18 (2009.01)**
[25] EN
[54] **LOCATION SYSTEMS USING SHORT-RANGE COMMUNICATIONS**
[54] **SYSTEMES DE LOCALISATION UTILISANT DES COMMUNICATIONS COURTE PORTEE**
[72] FOGG, LEE, GB
[72] KIRBY, CLIFFORD, GB
[71] VIRTUAL PERIMETERS LIMITED, GB
[85] 2018-12-18
[86] 2016-07-01 (PCT/GB2016/052000)
[87] (WO2017/001867)
[30] GB (1511662.7) 2015-07-02

[21] **3,028,364**
[13] A1
[51] **Int.Cl. G06F 3/0354 (2013.01) A61F 4/00 (2006.01) G06F 3/039 (2013.01) G06F 3/044 (2006.01)**
[25] EN
[54] **MOUTH-HELD EXTENDABLE MOUTH STYLUS FOR ACTIVATING FUNCTIONS ON A TOUCH SCREEN OR KEYS**
[54] **STYLET DE BOUCHE EXTENSIBLE TENU PAR LA BOUCHE PERMETTANT D'ACTIVER DES FONCTIONS SUR UN ECRAN TACTILE OU DES TOUCHES**
[72] HOUMOLLER ELIASEN, ASBJORN, DK
[72] SVANE, LIZANNE, DK
[71] TUBUS TECHNOLOGY IVS, DK
[85] 2018-12-18
[86] 2016-06-20 (PCT/DK2016/050202)
[87] (WO2016/202347)
[30] DK (PA 2015 00351) 2015-06-19
[30] DK (PA 2015 70596) 2015-09-18

[21] **3,028,432**
[13] A1
[25] EN
[54] **DRILL ASSEMBLY AND VALVE**
[54] **MECANISME DE FOREUSE ET VALVE**
[72] SCOTT, MAX, AU
[71] UGT GROUP PTY LTD, AU
[85] 2018-12-21
[86] 2018-06-26 (PCT/AU2018/050649)
[87] (3028432)
[30] AU (2017902457) 2017-06-26

[21] **3,028,434**
[13] A1
[25] EN
[54] **METHOD FOR PERFORMING A RE-ESTABLISHMENT OF A PDCP ENTITY ASSOCIATED WITH UM RLC ENTITY IN WIRELESS COMMUNICATION SYSTEM AND A DEVICE THEREFOR**
[54] **METHODE DE REALISATION D'UN RETABLISSEMENT D'UNE ENTITE PDCP ASSOCIEE A UNE ENTITE UM RLC DANS UN SYSTEME DE COMMUNICATION SANS FIL ET UN APPAREIL ASSOCIE**
[72] JO, GEUMSAN, KR
[72] YI, SEUNGJUNE, KR
[71] LG ELECTRONICS INC., KR
[85] 2018-12-24
[86] 2018-07-30 (PCT/KR2018/008640)
[87] (3028434)
[30] US (62/543,395) 2017-08-10

[21] **3,028,601**
[13] A1
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING DRIVING PATH IN AUTONOMOUS DRIVING**
[54] **SYSTEMES ET METHODES DE DETERMINATION DU PARCOURS DE CONDUITE DANS LA CONDUITE AUTONOME**
[72] LUO, WEI, CN
[71] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD, CN
[85] 2018-12-28
[86] 2018-12-19 (PCT/CN2018/122102)
[87] (3028601)

[21] **3,028,631**
[13] A1
[25] EN
[54] **PREPARATION OF AN INTERNAL MASSAGER AND APPLICATION THEREOF**
[54] **PREPARATION D'UN APPAREIL DE MASSAGE INTERNE ET APPLICATION ASSOCIEE**
[72] LIU, YU, CN
[71] GUANGZHOU DAWNLIGHT BIOTECH COMPANY, LTD., CN
[85] 2018-12-28
[86] 2018-03-14 (PCT/CN2018/078936)
[87] (WO2019/134256)
[30] CN (201810001614.X) 2018-01-02

[21] **3,028,639**
[13] A1
[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING DRUNK REQUESTERS IN AN ONLINE TO OFFLINE SERVICE PLATFORM**
[54] **SYSTEMES ET METHODES D'IDENTIFICATION DE DEMANDEURS EN ETAT D'EBRIETE DANS UNE PLATEFORME DE SERVICE EN LIGNE A HORS LIGNE**
[72] MIAO, YINGYING, CN
[72] WANG, ZHILONG, CN
[72] SHI, SHAOHUI, CN
[71] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD, CN
[85] 2018-12-28
[86] 2018-08-10 (PCT/CN2018/099890)
[87] (3028639)

[21] **3,028,647**
[13] A1
[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING TRAFFIC OBJECTS**
[54] **SYSTEMES ET METHODES DE TRAITEMENT DES OBJETS DE TRAFIC**
[72] GUAN, JIAN, CN
[71] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD, CN
[85] 2018-12-28
[86] 2018-12-19 (PCT/CN2018/122111)
[87] (3028647)
[30] CN (201811548552.0) 2018-12-18

[21] **3,028,730**
[13] A1
[25] EN
[54] **ELECTRIC WINCH**
[54] **TREUIL ELECTRIQUE**
[72] WANG, JUNLIANG, CN
[71] INTRADIN (SHANGHAI) MACHINERY CO., LTD, CN
[85] 2019-01-07
[86] 2018-01-12 (PCT/CN2018/072407)
[87] (WO2019/119570)
[30] CN (201711390503.4) 2017-12-21

[21] **3,028,734**
[13] A1
[25] EN
[54] **LIGHTWEIGHT ELECTRIC EARTH DRILL**
[54] **FOREUSE ELECTRIQUE LEGERE**
[72] WANG, JUNLIANG, CN
[71] INTRADIN (SHANGHAI) MACHINERY CO., LTD, CN
[85] 2019-01-07
[86] 2018-01-12 (PCT/CN2018/072406)
[87] (WO2019/119569)
[30] CN (201721799604.2) 2017-11-21

[21] **3,029,370**
[13] A1
[25] EN
[54] **METHOD AND APPARATUS FOR COLLECTING INFORMATION, AND METHOD AND APPARATUS FOR RELEASING MEMORY**
[54] **METHODE ET APPAREIL DE COLLECTE D'INFORMATION, ET METHODE ET APPAREIL DEDIFFUSION DE MEMOIRE**
[72] LU, YIFAN, CN
[72] YI, MINGLIANG, CN
[72] CHEN, YONGJIAN, CN
[72] YANG, YONGYONG, CN
[72] HUANG, HAITAO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-01-09
[86] 2018-06-28 (PCT/CN2018/093302)
[87] (3029370)
[30] CN (201711013628.5) 2017-10-26

[21] **3,029,388**
[13] A1
[25] EN
[54] **CARTRIDGE FOR AEROSOL INHALER, AEROSOL INHALER PROVIDED WITH SAME, AND HEAT-GENERATING SHEET FOR AEROSOL INHALER**
[54] **CARTOUCHE POUR INHALATEUR D'AEROSOL, INHALATEUR D'AEROSOLMUNI DE CELLE-CI ET PLAQUE PRODUCTRICE DE CHALEUR POUR INHALATEUR D'AEROSOL**
[72] MATSUMOTO, HIROFUMI, JP
[72] NAKANO, TAKUMA, JP
[72] YAMADA, MANABU, JP
[72] OISHI, KEI, JP
[71] JAPAN TOBACCO INC., JP
[85] 2018-12-27
[86] 2016-06-27 (PCT/JP2016/069033)
[87] (WO2018/002994)

[21] **3,029,428**
[13] A1
[25] EN
[54] **SYSTEM AND METHOD FOR LEARNING-BASED GROUP TAGGING**
[54] **SYSTEME ET PROCEDE DE MARQUAGE DE GROUPE BASE SUR L'APPRENTISSAGE**
[72] YANG, WENJUN, CN
[72] LI, ZANG, CN
[72] LING, HONGBO, CN
[72] CAO, LIFENG, CN
[72] CHANG, ZHIHUA, CN
[72] YANG, FAN, CN
[71] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD., CN
[85] 2018-12-28
[86] 2017-04-20 (PCT/CN2017/081279)
[87] (WO2018/191918)

[21] **3,029,462**
[13] A1
[51] **Int.Cl. B60K 6/48 (2007.10) B60W 20/19 (2016.01) B60W 20/40 (2016.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CONTROLLING THE POWER AVAILABLE ON AN ELECTRIC TRACTION CHAIN OF A HYBRID POWERTRAIN**
[54] **PROCEDE ET DISPOSITIF DE CONTROLE DE LA PUISSANCE DISPONIBLE SUR UNE CHAINE DE TRACTION ELECTRIQUE D'UN GROUPE MOTOPROPULSEUR HYBRIDE**
[72] KETFI-CHERIF, AHMED, FR
[72] MERIENNE, LUDOVIC, FR
[72] LE MAO, LOIC, FR
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-12-28
[86] 2017-03-30 (PCT/FR2017/050733)
[87] (WO2018/002458)
[30] FR (1656202) 2016-06-30

[21] **3,029,588**
[13] A1
[51] **Int.Cl. G06F 17/27 (2006.01)**
[25] EN
[54] **ERROR CORRECTION METHOD AND DEVICE FOR SEARCH TERM**
[54] **PROCEDE ET DISPOSITIF DE CORRECTION D'ERREUR POUR UN TERME DE RECHERCHE**
[72] HU, JUN, CN
[72] CHEN, YINGJIE, CN
[72] WANG, TIANCHANG, CN
[72] YE, CHENGCAN, CN
[71] BEIJING QIYI CENTURY SCIENCE & TECHNOLOGY CO., LTD., CN
[85] 2018-12-31
[86] 2017-08-14 (PCT/CN2017/097357)
[87] (WO2018/040899)
[30] CN (201610799830.4) 2016-08-31

[21] **3,029,931**
[13] A1
[25] EN
[54] **METHOD AND SYSTEM FOR SORTING LIVE FISH**
[54] **PROCEDE ET SYSTEME DE TRI DE POISSONS VIVANTS**
[72] SAUGEN, BERNT, NO
[72] IDSO, SVEIN TORE, NO
[72] HAUGE, GEIR STANG, NO
[71] BIOSORT AS, NO
[85] 2019-01-04
[86] 2017-07-13 (PCT/IB2017/054238)
[87] (WO2018/011745)
[30] NO (20161168) 2016-07-13

[21] **3,030,503**
[13] A1
[25] EN
[54] **STEEL PRODUCT FOR USE IN CONTACT WITH STEEL MATERIAL**
[54] **PRODUIT D'ACIER DESTINE AU CONTACT AVEC UN MATERIAU D'ACIER**
[72] HASHIMOTO, KUNIHIDE, JP
[72] ENJO, YOHEI, JP
[71] KUBOTA CORPORATION, JP
[85] 2019-01-18
[86] 2018-08-23 (PCT/JP2018/031132)
[87] (3030503)
[30] JP (2017-213609) 2017-11-06

[21] **3,030,518**
[13] A1
[25] EN
[54] **METHOD FOR REPORTING CHANNEL STATE INFORMATION IN WIRELESS COMMUNICATION SYSTEM AND APPARATUS FOR THE SAME**
[54] **METHODE DE SIGNALEMENT DE L'INFORMATION D'ETAT DE CANAL DANS UN SYSTEME DE COMMUNICATION SANS FIL ET APPAREIL ASSOCIE**
[72] KIM, HYUNGTAE, KR
[72] KANG, JIWON, KR
[71] LG ELECTRONICS INC., KR
[85] 2019-01-18
[86] 2018-11-27 (PCT/KR2018/014708)
[87] (3030518)
[30] US (62/591,727) 2017-11-28
[30] KR (10-2018-0045456) 2018-04-19

[21] **3,030,527**
[13] A1
[51] **Int.Cl. A47C 23/00 (2006.01) A47C 23/043 (2006.01) A47C 31/12 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO BEDS**
[54] **AMELIORATIONS APPORTEES A DES LITS ET RELATIVES A CEUX-CI**
[72] GREENHALGH, MARLENE CLAIRE, GB
[72] GREENHALGH, COLIN JACK, GB
[71] AMMIQUE LIMITED, GB
[85] 2019-01-10
[86] 2016-07-12 (PCT/GB2016/052100)
[87] (WO2017/009631)
[30] GB (1512315.1) 2015-07-14

[21] **3,030,865**
[13] A1
[25] EN
[54] **METHOD FOR REPORTING CHANNEL STATE INFORMATION IN WIRELESS COMMUNICATION SYSTEM AND APPARATUS FOR THE SAME**
[54] **METHODE DE SIGNALEMENT D'INFORMATION D'ETAT DE CANAL DANS UN SYSTEME DE COMMUNICATION SANS FIL ET APPAREIL ASSOCIE**
[72] KIM, HYUNGTAE, KR
[72] KANG, JIWON, KR
[71] LG ELECTRONICS INC., KR
[85] 2019-01-22
[86] 2018-11-26 (PCT/KR2018/014655)
[87] (3030865)
[30] US (62/590,399) 2017-11-24
[30] US (62/615,902) 2018-01-10
[30] US (62/621,003) 2018-01-23
[30] US (62/630,224) 2018-02-13
[30] KR (10-2018-0040478) 2018-04-06

[21] **3,031,180**
[13] A1
[25] EN
[54] **PREDICTIVE APPARATUS FOR ASSISTING A PHYSICIAN DURING OPHTHALMIC SURGERY**
[54] **APPAREIL PREDICTIF POUR AIDER UN MEDECIN PENDANT UNE CHIRURGIE OPTHALMIQUE**
[72] PAPAC, MICHAEL, US
[72] SANCHEZ, ROBERT, JR., US
[71] NOVARTIS AG, CH
[85] 2019-01-17
[86] 2017-08-23 (PCT/IB2017/055087)
[87] (WO2018/037357)
[30] US (15/245,328) 2016-08-24

[21] **3,031,455**
[13] A1
[25] EN
[54] **A VEHICLE-MOUNTED GAS WATER HEATER**
[54] **UN CHAUFFE-EAU AU GAZ INSTALLE SUR UN VEHICULE**
[72] FENG, XIANWEI, CN
[72] YANG, QI, CN
[72] MA, ZHIYUAN, CN
[71] ZHONGSHAN POWTEK APPLIANCES MFG., LTD., CN
[85] 2019-01-25
[86] 2018-02-07 (PCT/CN2018/075560)
[87] (WO2019/153136)

[21] **3,031,775**
[13] A1
[25] EN
[54] **EXHAUST GAS TREATMENT DEVICE AND EXHAUST GAS TREATMENT METHOD**
[54] **DISPOSITIF DE TRAITEMENT DE GAZ D'ECHAPPEMENT ET METHODE DE TRAITEMENT DE GAZ D'ECHAPPEMENT**
[72] TANAKA, HIROSHI, JP
[72] HIRATA, TAKUYA, JP
[72] KAMIJO, TAKASHI, JP
[72] TSUJIUCHI, TATSUYA, JP
[71] MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD., JP
[85] 2019-01-29
[86] 2018-02-20 (PCT/JP2018/005945)
[87] (WO2019/162992)

[21] **3,031,824**
[13] A1
[25] EN
[54] **CONCRETE VIBRATOR WITH IDLING MODE**
[54] **VIBRATEUR DE BETON EN MODE NEUTRE**
[72] SUZUKI, SADAHISA, JP
[72] UEDA, SHINJI, JP
[72] USHIJIMA, HIROTAKA, JP
[72] YAMASHITA, KAZUHIRO, JP
[72] SUZUKI, MASAKI, JP
[72] ANDO, TOMOKAZU, JP
[71] MIKASA SANGYO CO., LTD., JP
[85] 2019-07-09
[86] 2018-04-27 (PCT/JP2018/017118)
[87] (3031824)

[21] **3,031,850**
[13] A1
[25] EN
[54] **MULTILAYER BLOWING HEAD FOR A BLOWING FILM INSTALLATION, A BLOWING FILM INSTALLATION AS WELL AS A METHOD OF OPERATING A BLOWING FILM INSTALLATION**
[54] **TETE DE SOUFFLAGE MULTICOUCHE POUR SYSTEME DE SOUFFLAGE DE FILM, SYSTEME DE SOUFFLAGE DE FILM, AINSI QUE PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN SYSTEME DE SOUFFLAGE DE FILM**
[72] LETTOWSKY, CHRISTOPH, DE
[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
[85] 2019-01-24
[86] 2017-05-10 (PCT/DE2017/000124)
[87] (WO2018/024267)
[30] DE (10 2016 009 407.9) 2016-08-04
[30] DE (10 2017 002 274.7) 2017-03-10

[21] **3,031,879**
[13] A1
[25] EN
[54] **EXHAUST GAS TREATMENT DEVICE AND EXHAUST GAS TREATMENT METHOD**
[54] **DISPOSITIF DE TRAITEMENT DE GAZ D'ECHAPPEMENT ET METHODE DE TRAITEMENT DE GAZ D'ECHAPPEMENT**
[72] TANAKA, HIROSHI, JP
[72] HIRATA, TAKUYA, JP
[72] KAMIJO, TAKASHI, JP
[72] TSUJIUCHI, TATSUYA, JP
[71] MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD., JP
[85] 2019-02-11
[86] 2018-02-20 (PCT/JP2018/005944)
[87] (WO2019/162991)

[21] **3,032,057**
[13] A1
[25] EN
[54] **A BIOPESTICIDE**
[54] **BIOPESTICIDE**
[72] MOORE, SEAN, ZA
[72] HILL, MARTIN, ZA
[72] KNOX, CAROLINE, ZA
[72] MARSBERG, TAMRYN, ZA
[72] JUKES, MICHAEL, ZA
[72] SZEWCZYK, BOGUSLAW, PL
[72] RABALSKI, LUKASZ, PL
[72] CHAMBERS, CRAIG, ZA
[71] RHODES UNIVERSITY, ZA
[71] CITRUS RESEARCH INTERNATIONAL (PTY) LTD, ZA
[71] RIVER BIOSCIENCE (PTY) LTD, ZA
[85] 2019-01-25
[86] 2017-07-26 (PCT/IB2017/054543)
[87] (WO2018/020441)
[30] ZA (2016/05197) 2016-07-26

[21] **3,032,104**
[13] A1
[51] **Int.Cl. C08G 63/18 (2006.01)**
[25] FR
[54] **SEMI-CRYSTALLINE THERMOPLASTIC POLYESTER FOR PRODUCING BIORIENTED FILMS**
[54] **POLYESTER THERMOPLASTIQUE SEMI-CRISTALLIN POUR LA FABRICATION DE FILMS BI-ORIENTES**
[72] AMEDRO, HELENE, FR
[72] SAINT-LOUP, RENE, FR
[71] ROQUETTE FRERES, FR
[85] 2019-01-25
[86] 2017-08-03 (PCT/FR2017/052177)
[87] (WO2018/024993)
[30] FR (16 57545) 2016-08-03

[21] **3,032,121**
[13] A1
[51] **Int.Cl. E21B 43/117 (2006.01) E21B 43/119 (2006.01)**
[25] EN
[54] **PERFORATING GUN ASSEMBLY AND METHODS OF USE**
[54] **ENSEMBLE PERFORATEUR ET PROCEDES D'UTILISATION**
[72] ALLISON, SIMON DOUGLAS EARDLY, GB
[71] DELPHIAN BALLISTICS LIMITED, GB
[85] 2019-01-25
[86] 2016-07-28 (PCT/GB2016/052330)
[87] (WO2017/017467)
[30] GB (1513269.9) 2015-07-28

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[13] A1
[51] **Int.Cl. C12N 5/0775 (2010.01)**
[25] EN
[54] **IMMUNO-ONCOLOGY MESODERMAL PROGENITOR (IOMP) CELL**
[54] **CELLULE PROGENITRICE MESODERMIQUE IMMUNO-ONCOLOGIQUE (IOMP)**
[72] REGINALD, AJAN, GB
[72] SULTAN, SABENA, GB
[72] EVANS, MARTIN JOHN, GB
[71] CELL THERAPY LIMITED, GB
[85] 2019-01-25
[86] 2016-08-05 (PCT/GB2016/052447)
[87] (WO2017/025729)
[30] GB (1513996.7) 2015-08-07

[21] **3,032,201**
[13] A1
[25] EN
[54] **GEOSPATIAL MAPPING SYSTEM**
[54] **SYSTEME DE CARTOGRAPHIE GEOSPATIALE**
[72] AMBLER, AARON, AU
[72] BOURKE, SHARNA, AU
[72] SOUSTAL, BRENDAN, AU
[72] INNIS, RONALD, AU
[72] CYPHERS, STEVE, AU
[71] QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION, AU
[85] 2019-01-28
[86] 2017-06-21 (PCT/AU2017/050624)
[87] (WO2018/018066)
[30] AU (2016902991) 2016-07-29

[21] **3,032,405**
[13] A1
[25] EN
[54] **A CLEANING APPARATUS**
[54] **UN APPAREIL DE NETTOYAGE**
[72] YANG, JUN, CN
[71] NINGBO TROIKA SCIENCE & TECHNOLOGY COMPANY LIMITED, CN
[85] 2019-02-01
[86] 2018-03-12 (PCT/CN2018/078666)
[87] (WO2019/153408)
[30] CN (201820253943.9) 2018-02-12

[21] **3,032,509**
[13] A1
[25] EN
[54] **WORKOUT AND REHABILITATION EQUIPMENT**
[54] **EQUIPEMENT D'ENTRAINEMENT ET DE REEDUCATION**
[72] KOFRON, MARTIN, CZ
[71] KOFRON, MARTIN, CZ
[85] 2019-01-30
[86] 2017-08-01 (PCT/CZ2017/050032)
[87] (WO2018/024266)
[30] CZ (PUV 2016-32651) 2016-08-03
[30] CZ (PUV 2017-33936) 2017-07-19

[21] **3,032,511**
[13] A1
[51] **Int.Cl. G01F 1/00 (2006.01) G01F 1/66 (2006.01) G01F 1/708 (2006.01) G01F 15/02 (2006.01) G01L 11/02 (2006.01) G01D 5/353 (2006.01)**
[25] EN
[54] **MONITORING OF FLUID FLOW IN AN OPEN CHANNEL USING AN OPTICAL FIBRE SENSOR**
[54] **SURVEILLANCE D'ECOULEMENT DE FLUIDE DANS UN CANAL OUVERT A L'AIDE D'UN CAPTEUR A FIBRE OPTIQUE**
[72] AINGER, MICHAEL, GB
[71] NURON LIMITED, GB
[85] 2019-01-30
[86] 2016-07-28 (PCT/GB2016/052329)
[87] (WO2017/021702)
[30] GB (1513509.8) 2015-07-31

[21] **3,032,530**
[13] A1
[51] **Int.Cl. B33Y 30/00 (2015.01) B33Y 50/02 (2015.01) B33Y 80/00 (2015.01) B22F 5/10 (2006.01) B22F 7/02 (2006.01)**
[25] EN
[54] **FORMING A ROTARY PART**
[54] **FORMATION D'UNE PIECE ROTATIVE**
[72] TSOPANOS, SOZON, GB
[71] WEIR GROUP IP LIMITED, GB
[85] 2019-01-31
[86] 2017-08-30 (PCT/AU2017/050926)
[87] (WO2018/039720)
[30] AU (2016903451) 2016-08-30

[21] **3,032,893**
[13] A1
[25] EN
[54] **PLASMA SPRAY APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE PROJECTION AU PLASMA**
[72] COPPELLETTI, GIROLAMO, IT
[72] ANTOLOTTI, NELSO, IT
[71] EUROCOATING S.P.A., IT
[85] 2019-02-05
[86] 2017-09-18 (PCT/IB2017/055628)
[87] (WO2019/053492)

[21] **3,033,210**
[13] A1
[51] **Int.Cl. G06F 17/00 (2019.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INTERACTING WITH INFORMATION DISTRIBUTION SYSTEM**
[54] **PROCEDE ET APPAREIL D'INTERACTION AVEC UN SYSTEME DE DISTRIBUTION D'INFORMATIONS**
[72] RENAUD, PHILIP JOSEPH, CA
[71] AFFINIO INC., CA
[85] 2019-02-07
[86] 2017-06-13 (PCT/CA2017/000145)
[87] (WO2017/214704)
[30] US (62/349,268) 2016-06-13

[21] **3,033,297**
[13] A1
[25] EN
[54] **EMERGENCY STOP APPARATUS AND METHOD FOR CONSTRUCTION MACHINE**
[54] **APPAREIL D'ARRET D'URGENCE ET METHODE DESTINEE A UNE MACHINE DE CONSTRUCTION**
[72] KAJIWARA, SATORU, JP
[72] AITA, HISASHI, JP
[72] MIYAMOTO, TAKA, JP
[71] NIPPO CORPORATION, JP
[85] 2019-02-08
[86] 2018-12-28 (PCT/JP2018/048574)
[87] (3033297)
[30] JP (2018-019846) 2018-02-07

[21] **3,033,510**
[13] A1
[51] **Int.Cl. A61F 2/95 (2013.01) A61M 5/36 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REMOVING AIR FROM MEDICAL DEVICES**
[54] **SYSTEMES ET PROCEDES POUR ELIMINER L'AIR DE DISPOSITIFS MEDICAUX**
[72] KOLBEL, TILO, DE
[71] MOKITA MEDICAL GMBH I.GR., DE
[85] 2019-02-08
[86] 2016-08-11 (PCT/IB2016/001237)
[87] (WO2017/025800)
[30] US (62/203,624) 2015-08-11

[21] **3,034,034**
[13] A1
[25] EN
[54] **DATA STORAGE, DATA CHECK, AND DATA LINKAGE METHOD AND APPARATUS**
[54] **STOCKAGE DE DONNEES, VERIFICATION DE DONNEES, ET PROCEDE ET APPAREIL DE LIAISON DE DONNEES**
[72] LI, YI, CN
[72] ZHAO, ZUNKUI, CN
[71] ALIBABA GROUP HOLDING LIMITED, CN
[85] 2019-02-13
[86] 2017-08-08 (PCT/CN2017/096322)
[87] (WO2018/032995)
[30] CN (201610694496.6) 2016-08-19

[21] **3,034,201**
[13] A1
[25] EN
[54] **AUXILIARY SYSTEM AND METHOD FOR STARTING OR RESTARTING THE FLOW OF GELLED FLUID**
[54] **SYSTEME AUXILIAIRE ET METHODE DE DEMARRAGE OU DE REDEMARRAGE DE L'ECOULEMENT D'UN FLUIDE GELLIFIE**
[72] DOS SANTOS VIEIRA LIMA, GUILHERME, BR
[72] RIBEIRO NEGRAO, CEZAR OTAVIANO, BR
[72] MARTINEZ BARREIRA, EDUARDO, BR
[72] DE ROSSO. NEZIA, BR
[72] DE CARVALHO, PAULO HENRIQUE, BR
[72] KROETZ, FERNANDO MACHADO, BR
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
[71] UNIVERSIDADE TECNOLOGICA FEDERAL DO PARANA, BR
[85] 2019-03-04
[86] 2018-01-25 (PCT/GB2018/050211)
[87] (WO2019/145664)

[21] **3,034,358**
[13] A1
[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGING AND ANALYZING DATA GENERATED BY AN IMPLANTABLE DEVICE**
[54] **SYSTEMES ET PROCEDES DE GESTION ET D'ANALYSE DE DONNEES GENEREES AU MOYEN D'UN DISPOSITIF IMPLANTABLE**
[72] DEGEN, THOMAS WERNER, CH
[72] TSCHUMPER, STEFAN, CH
[71] SEQUANA MEDICAL AG, CH
[85] 2019-02-19
[86] 2017-08-23 (PCT/IB2017/055093)
[87] (WO2018/037360)
[30] US (62/380,284) 2016-08-26

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[13] A1
[51] **Int.Cl. B29C 63/06 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR EXTRUDING AND LABELLING A CYLINDRICAL PRODUCT**
[54] **PROCEDE ET DISPOSITIF D'EXTRUSION ET D'ETIQUETAGE D'UN PRODUIT CYLINDRIQUE**
[72] THOMASSET, JACQUES, FR
[72] REY, EDUARDO, CH
[71] AISAPACK HOLDING SA, CH
[85] 2019-02-25
[86] 2017-09-13 (PCT/IB2017/055515)
[87] (WO2018/051235)
[30] EP (16188491.1) 2016-09-13

[21] **3,035,006**
[13] A1
[51] **Int.Cl. A01K 73/045 (2006.01)**
[25] EN
[54] **AIRFOIL SHAPED TRAWL DOOR**
[54] **PORTE DE CHALUT A PROFIL AERODYNAMIQUE**
[72] JOSAFATSSON, SMARI, IS
[71] NY TOGHLERAHONNUN EHF., IS
[85] 2019-02-25
[86] 2016-09-14 (PCT/IS2016/050014)
[87] (WO2017/046818)
[30] IS (050119) 2015-09-14

[21] **3,035,097**
[13] A1
[51] **Int.Cl. G06F 17/27 (2006.01)**
[25] EN
[54] **AUTOMATED DOCUMENT FILING AND PROCESSING METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE TRAITEMENT ET DE CLASSEMENT DE DOCUMENTS AUTOMATISES**
[72] PATERSON, GORDON SCOTT, CA
[72] BRADLEY, MICHAEL, CA
[72] ROSENBERG, BRAD, CA
[72] KO, KA FU, CA
[71] FUTUREVAULT INC., CA
[85] 2019-02-26
[86] 2017-02-28 (PCT/CA2017/050261)
[87] (WO2018/039773)
[30] US (62/383,284) 2016-09-02

[21] **3,035,100**
[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SHARING DOCUMENTS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE PARTAGER DES DOCUMENTS**
[72] PATERSON, GORDON SCOTT, CA
[72] BRADLEY, MICHAEL, CA
[72] ROSENBERG, BRAD, CA
[72] KO, KA FU, CA
[71] FUTUREVAULT INC., CA
[85] 2019-02-26
[86] 2017-02-28 (PCT/CA2017/050262)
[87] (WO2018/039774)
[30] US (62/383,301) 2016-09-02

[21] **3,035,148**
[13] A1
[51] **Int.Cl. A41D 13/12 (2006.01) A61M 25/02 (2006.01)**
[25] EN
[54] **A MEDICAL TUBE STORAGE SYSTEM**
[54] **SYSTEME DE RANGEMENT DE TUBE MEDICAL**
[72] TOOKE, STEPHEN, GB
[71] TOOKIE LTD, GB
[85] 2019-02-26
[86] 2016-08-02 (PCT/GB2016/052375)
[87] (WO2017/037410)
[30] GB (1515389.3) 2015-08-28

[21] **3,035,277**
[13] A1
[51] **Int.Cl. G06F 3/0481 (2013.01)**
[25] EN
[54] **REAL-TIME DOCUMENT FILTERING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE FILTRAGE DE DOCUMENTS EN TEMPS REEL**
[72] PATERSON, GORDON SCOTT, CA
[72] BRADLEY, MICHAEL, CA
[72] ROSENBERG, BRAD, CA
[72] KO, KA FU, CA
[71] FUTUREVAULT INC., CA
[85] 2019-02-27
[86] 2017-02-28 (PCT/CA2017/050259)
[87] (WO2018/039772)
[30] US (62/383,293) 2016-09-02

[21] **3,035,900**
[13] A1
[25] EN
[54] **MICRO-CAPSULE TYPE SILICON-CARBON COMPOSITE NEGATIVE ELECTRODE MATERIAL AND PREPARING METHOD AND USE THEREOF**
[54] **MATERIAU D'ELECTRODE NEGATIVE COMPOSITE SILICIUM-CARBONE DE TYPE MICROCAPSULE ET METHODE DE PREPARATION ET UTILISATION ASSOCIEES**
[72] ZHENG, HONGHE, CN
[72] YANG, SIMING, CN
[72] ZHENG, XUEYING, CN
[72] ZHANG, XIAOHUI, CN
[71] JIANGSU DAOYING TECHNOLOGY CO., LTD., CN
[85] 2019-03-26
[86] 2018-09-18 (PCT/CN2018/106160)
[87] (3035900)
[30] CN (2017108391717) 2017-09-18

[21] **3,036,036**
[13] A1
[51] **Int.Cl. A61K 31/047 (2006.01) A61K 31/122 (2006.01) A61K 31/19 (2006.01) A61K 31/57 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING TRITERPENOIDS AND USES THEREOF FOR TREATING OPTIC NEUROPATHY**
[54] **COMPOSITIONS COMPRENANT DES TRITERPENOIDES ET LEURS UTILISATIONS POUR TRAITER UNE NEUROPATHIE OPTIQUE**
[72] HAZAN, ZADIK, IL
[72] LUCASSEN, ANDRE C. B., IL
[72] ADAMSKY, KONSTANTIN, IL
[71] REGENERA PHARMA LTD., IL
[85] 2019-03-06
[86] 2017-09-07 (PCT/IL2017/051007)
[87] (WO2018/047175)
[30] US (62/384,717) 2016-09-08

[21] **3,036,056**
[13] A1
[51] **Int.Cl. C01B 3/00 (2006.01) C01B 4/00 (2006.01) F17C 11/00 (2006.01)**
[25] EN
[54] **HEAT GENERATING SYSTEM**
[54] **SYSTEME DE PRODUCTION DE CHALEUR**
[72] IWAMURA, YASUHIRO, JP
[72] ITO, TAKEHIKO, JP
[72] KASAGI, JIROTA, JP
[72] YOSHINO, HIDEKI, JP
[72] HATTORI, MASANAO, JP
[71] CLEAN PLANET INC., JP
[85] 2019-03-06
[86] 2017-09-25 (PCT/JP2017/034587)
[87] (WO2018/062115)
[30] JP (2016-189963) 2016-09-28

[21] **3,036,085**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/00 (2006.01)**
[25] EN
[54] **AN ORAL PARTICULATE COMPOSITION**
[54] **COMPOSITION PARTICULAIRE ORALE**
[72] GUISE, ANDREW, GB
[71] GUISE, ANDREW, GB
[85] 2019-03-07
[86] 2016-09-09 (PCT/GB2016/052800)
[87] (WO2017/042582)
[30] GB (1516138.3) 2015-09-11
[30] GB (1611767.3) 2016-07-06

[21] **3,036,146**
[13] A1
[51] **Int.Cl. G01N 21/00 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHOD, COMPUTER PROGRAMME AND SYSTEM FOR ANALYSING A SAMPLE COMPRISING IDENTIFYING OR SORTING CELLS ACCORDING TO THE FTIR SPECTRUM EACH CELL PRODUCES**
[54] **PROCEDE, PROGRAMME INFORMATIQUE ET SYSTEME D'ANALYSE D'UN ECHANTILLON CONSISTANT A IDENTIFIER OU TRIER DES CELLULES EN FONCTION DU SPECTRE FTIR PRODUIT PAR CHAQUE CELLULE**
[72] FOREMAN, LIBERTY, GB
[72] OLIVER, KATHERINE, GB
[71] BEAMLINE DIAGNOSTICS LTD, GB
[85] 2019-03-07
[86] 2016-09-09 (PCT/GB2016/052794)
[87] (WO2017/042579)
[30] GB (1516056.7) 2015-09-10

[21] **3,036,443**
[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) C12N 15/64 (2006.01) C12N 15/66 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR POLYNUCLEOTIDE ASSEMBLY**
[54] **COMPOSITIONS ET PROCEDES D'ASSEMBLAGE DE POLYNUCLEOTIDE**
[72] FIELD, JAMES EDWARD JOHN, GB
[72] RICKERBY, HARRISON FREDERICK, GB
[71] LABGENIUS LTD, GB
[85] 2019-03-11
[86] 2016-09-15 (PCT/GB2016/052886)
[87] (WO2017/046594)
[30] GB (1516348.8) 2015-09-15

[21] **3,036,466**
[13] A1
[25] EN
[54] **METHOD FOR ANALYZING COALBED METHANE GEOLOGICAL SELECTION OF MULTI-COALBED HIGH GROUND STRESS REGION**
[54] **METHODE D'ANALYSE DE SECTION GEOLOGIQUE DE GAZ DE COUCHE DESTINEE A UNE REGION DE STRESS DE SOL ELEVE MULTICOUCHE**
[72] WU, CAIFANG, CN
[72] LIU, XIAOLEI, CN
[72] LIU, SHUNXI, CN
[72] DU, MINGYANG, CN
[72] ZHANG, SHASHA, CN
[72] ZHANG, ERCHAO, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2019-03-12
[86] 2018-05-25 (PCT/CN2018/088401)
[87] (3036466)
[30] CN (201810086245.9) 2018-01-30

[21] **3,037,055**
[13] A1
[25] EN
[54] **SYSTEM AND METHOD OF DISCOVERING PERSONS OR OBJECTS OF INTEREST**
[54] **SYSTEME ET PROCEDE DE DECOUVERTE DE PERSONNES OU D'OBJETS PRESENTANT UN INTERET**
[72] HURST, JAMES EDWARD, AU
[71] PROJECT LEGACY PTY LTD, AU
[85] 2019-03-15
[86] 2016-09-16 (PCT/AU2016/000324)
[87] (WO2017/045015)
[30] AU (2015903802) 2015-09-17
[30] AU (2016900969) 2016-03-15

[21] **3,037,073**
[13] A1
[25] EN
[54] **SYSTEM AND METHOD FOR DIAGNOSING AND TREATING HEADACHES**
[54] **SYSTEME ET PROCEDE DE DIAGNOSTIC ET DE TRAITEMENT DE MAUX DE TETE**
[72] MATHARU, MANJIT SINGH, GB
[71] MATHARU, MANJIT SINGH, GB
[85] 2019-03-15
[86] 2017-09-14 (PCT/GB2017/052722)
[87] (WO2018/051103)
[30] GB (1615740.6) 2016-09-15

[21] **3,037,103**
[13] A1
[51] **Int.Cl. A61K 31/7028 (2006.01) A61P 35/00 (2006.01) C07H 15/04 (2006.01)**
[25] FR
[54] **MULTI-FUNCTIONALIZED POLYSACCHARIDE COMPOUNDS AND USE THEREOF FOR TARGETING THE CATION-INDEPENDENT MANNOSE 6-PHOSPHATE RECEPTOR**
[54] **COMPOSES POLYSACCHARIDES MULTI-FONCTIONNALISES ET LEUR UTILISATION POUR CIBLER LE RECEPTEUR DU MANNOSE 6-PHOSPHATE CATION-INDEPENDANT**
[72] MORERE, ALAIN, FR
[72] DA SILVA, AFITZ, FR
[72] BOUFFARD, ELISE, FR
[72] EL CHEIKH, KHALED, FR
[72] DURAND, JEAN-OLIVIER, FR
[72] MAYNADIER, MARIE, FR
[72] BASILE, ILARIA, FR
[71] NANOMEDSYN, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS-, FR
[71] UNIVERSITE DE MONTPELLIER, FR
[85] 2019-03-15
[86] 2016-09-15 (PCT/FR2016/052339)
[87] (WO2017/046535)
[30] FR (15 58806) 2015-09-18

[21] **3,037,227**
[13] A1
[25] EN
[54] **ELECTRONIC CIGARETTE AND ATOMIZER THEREOF**
[54] **CIGARETTE ELECTRONIQUE ET ATOMISEUR ASSOCIE**
[72] PAN, WEIDONG, CN
[71] SHENZHEN SMOORE TECHNOLOGY LIMITED, CN
[85] 2019-03-20
[86] 2017-12-11 (PCT/CN2017/115486)
[87] (WO2019/113747)

[21] **3,037,476**
[13] A1
[25] EN
[54] **CORE NETWORK AWARENESS OF USER EQUIPMENT, UE, STATE**
[54] **SENSIBILISATION AU RESEAU CENTRAL D'UN ETAT D'EQUIPEMENT UTILISATEUR (UE)**
[72] CENTONZA, ANGELO, SE
[72] MILDH, GUNNAR, SE
[72] OLSSON, LASSE, SE
[72] SCHLIWA-BERTLING, PAUL, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2019-03-19
[86] 2017-09-29 (PCT/IB2017/056040)
[87] (WO2018/060968)
[30] US (62/402,073) 2016-09-30

[21] **3,037,530**
[13] A1
[51] **Int.Cl. E02F 9/20 (2006.01) E02F 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PLANNING TRAVEL PATH FOR WORK MACHINE, AND WORK MACHINE**
[54] **SYSTEME ET METHODE DE PLANIFICATION DE DEPLACEMENT D'UNE MACHINE DE TRAVAIL ET MACHINE DE TRAVAIL**
[72] HIRAYAMA, MASAMI, JP
[72] GUIVANT, JOSE, JP
[72] KATUPITIYA, JAYANTHA, JP
[72] WHITTY, MARK, JP
[71] KOMATSU LTD., JP
[85] 2019-03-21
[86] 2018-12-10 (PCT/JP2018/045313)
[87] (3037530)
[30] JP (2018-048608) 2018-03-15

[21] **3,037,650**
[13] A1
[51] **Int.Cl. A01N 63/02 (2006.01) A61K 8/99 (2017.01) A61Q 17/00 (2006.01) A61Q 19/10 (2006.01) C11D 3/38 (2006.01)**
[25] EN
[54] **DETERGENT PRODUCT FOR COSMETIC USE**
[54] **PRODUIT DETERGENT A USAGE COSMETIQUE**
[72] RODOLFI, ALBERTO, IT
[72] CASELLI, ELISABETTA, IT
[71] COPMA S.C.A.R.L., IT
[85] 2019-03-20
[86] 2017-09-21 (PCT/IB2017/055740)
[87] (WO2018/055553)
[30] IT (102016000095070) 2016-09-22

[21] **3,038,077**
[13] A1
[25] EN
[54] **SPECTACLE LENS AND SPECTACLES**
[54] **VERRES DE LUNETTES ET LUNETTES**
[72] OGO, YOICHI, JP
[71] HOYA LENS THAILAND LTD., TH
[85] 2019-03-26
[86] 2018-09-28 (PCT/JP2018/036302)
[87] (3038077)
[30] JP (2017-191687) 2017-09-29

[21] **3,038,083**
[13] A1
[25] EN
[54] **SPECTACLE LENS AND SPECTACLES**
[54] **VERRES DE LUNETTES ET LUNETTES**
[72] OGO, YOICHI, JP
[71] HOYA LENS THAILAND LTD., TH
[85] 2019-03-26
[86] 2018-09-28 (PCT/JP2018/036298)
[87] (3038083)
[30] JP (2017-191691) 2017-09-29

[21] **3,038,230**
[13] A1
[25] EN
[54] **INFORMATION PUSH METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE POUSSER D'INFORMATIONS**
[72] HE, SANYUAN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-03-25
[86] 2017-09-20 (PCT/CN2017/102387)
[87] (WO2018/059285)
[30] CN (201610857536.4) 2016-09-27

[21] **3,038,619**
[13] A1
[51] **Int.Cl. H04W 4/90 (2018.01) A44C 25/00 (2006.01)**
[25] EN
[54] **LOW-POWER MOBILE TELEPHONY ALERT SYSTEM**
[54] **SYSTEME D'ALERTE DE TELEPHONIE MOBILE DE FAIBLE PUISSANCE**
[72] SELANDERS, SERESE ALLISON-MARIE, CA
[72] SELANDERS, SERESE ALLISON-MARIE, US
[72] DOUCETTE, ANDRE, CA
[72] LANGLOIS, JEAN-SEBASTIEN, CA
[72] POULIOT, MAXIME CAVANAGH, CA
[72] DAVIDSON, KENT, CA
[72] MOFFET-BEDARD, BENOIT, CA
[72] DUSABLON, ERIC, CA
[72] ST-AMAND, CEDRIC, CA
[71] KASIEL SOLUTIONS INC., CA
[85] 2019-03-27
[86] 2017-09-29 (PCT/IB2017/056037)
[87] (WO2018/060965)
[30] US (62/402,190) 2016-09-30

[21] **3,038,764**
[13] A1
[25] EN
[54] **PROCESS FOR OBTAINING A RENEWABLE HYDROCARBON STREAM SUITABLE AS A COMPONENT OF GASOLINE FORMULATIONS, RENEWABLE HYRDOCARBON STREAM, AND GASOLINE FORMULATION**
[54] **PROCESS FOR OBTAINING A RENEWABLE HYDROCARBON STREAM SUITABLE AS A COMPONENT OF GASOLINE FORMULATIONS, RENEWABLE HYRDOCARBON STREAM, AND GASOLINE FORMULATION**
[72] DOS SANTOS, ANDERSON ROUGE, BR
[72] GILBERT, WILLIAM RICHARD, BR
[72] DE OLIVEIRA, EDIMILSON JESUS, BR
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
[85] 2019-04-01
[86] 2017-11-15 (PCT/GB2017/053439)
[87] (WO2019/097199)

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[21] **3,039,291**
[13] A1
[51] **Int.Cl. A61B 5/16 (2006.01)**
[25] EN
[54] **METHOD FOR GENERATING COGNITIVE DECLINE DETECTION TOOL, METHOD FOR MEASURING COGNITIVE DECLINE AND TOOL FOR MEASURING SAME**
[54] **PROCEDE DE GENERATION D'UN OUTIL DE DETECTION DU DECLIN COGNITIF, PROCEDE DE MESURE DU DECLIN COGNITIF ET OUTIL DE MESURE DE CELUI-CI**
[72] BERNIER, PATRICK, CA
[72] GOURDEAU, CHRISTIAN, CA
[71] TOUBIB MEDIA INC., CA
[85] 2019-04-03
[86] 2017-10-04 (PCT/CA2017/051186)
[87] (WO2018/064769)
[30] US (62/403,984) 2016-10-04

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[21] **3,039,490**
[13] A1
[51] **Int.Cl. H04W 4/12 (2009.01)**
[25] EN
[54] **MOBILE DEVICE COMMUNICATION ACCESS AND HANDS-FREE DEVICE ACTIVATION**
[54] **ACCES DE COMMUNICATION A UN DISPOSITIF MOBILE ET ACTIVATION DE DISPOSITIF MAINS LIBRES**
[72] PANDURANGARAO, ANIL KUMAR, IN
[71] ALLSTATE SOLUTIONS PRIVATE LIMITED, IN
[85] 2019-04-04
[86] 2016-10-28 (PCT/IN2016/050369)
[87] (WO2018/065989)
[30] US (15/284,801) 2016-10-04

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[21] **3,039,622**
[13] A1
[51] **Int.Cl. G06Q 50/00 (2012.01)**
[25] EN
[54] **USER AUGMENTED INDEXING AND RANKING OF DATA**
[54] **INDEXATION ET CLASSEMENT DE DONNEES AUGMENTES PAR L'UTILISATEUR**
[72] O'TOOLE, JULIA, GB
[71] LOOKIIMEDIA (UK) LIMITED, GB
[85] 2019-04-05
[86] 2017-10-09 (PCT/GB2017/053046)
[87] (WO2018/065792)
[30] GB (1617104.3) 2016-10-07

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[21] **3,040,036**
[13] A1
[51] **Int.Cl. A61K 8/19 (2006.01) A61K 8/36 (2006.01) A61K 8/44 (2006.01) A61K 8/46 (2006.01) A61K 8/49 (2006.01) A61K 8/63 (2006.01) A61K 8/64 (2006.01) A61Q 17/04 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COMPOUNDS AND COMPOSITIONS FOR USE**
[54] **COMPOSES ET COMPOSITIONS DESTINES A ETRE UTILISES**
[72] FINNEN, MIKE, GB
[71] RELAXSOL LIMITED, GB
[85] 2019-04-10
[86] 2017-09-01 (PCT/GB2017/052551)
[87] (WO2018/042189)
[30] GB (1614961.9) 2016-09-02

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[21] **3,040,133**
[13] A1
[25] EN
[54] **ELECTRIC VEHICLE POWER MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION D'ALIMENTATION DE VEHICULE ELECTRIQUE**
[72] HIRATSUKA, PAULINO, BR
[71] ELETRA INDUSTRIAL LTDA, BR
[85] 2019-04-12
[86] 2018-03-02 (PCT/BR2018/050055)
[87] (WO2019/144205)
[30] BR (BR 10 2018 0016610) 2018-01-26

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[21] **3,040,551**
[13] A1
[25] EN
[54] **DYNAMIC IDENTIFICATION AND CONTROL PARAMETER RE-CORRECTION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE RECORRECTION DE PARAMETRE DE CONTROLE ET D'IDENTIFICATION DYNAMIQUE**
[72] LI, WEI, CN
[72] SHENG, LIANCHAO, CN
[72] WANG, YUQIAO, CN
[72] YANG, XUEFENG, CN
[72] FAN, MENGBAO, CN
[72] XU, SHAOYI, CN
[72] JU, JINYONG, CN
[72] LU, EN, CN
[72] WANG, CHENGTAO, CN
[72] WEN, DONGDONG, CN
[72] XIA, TING, CN
[72] JIANG, SONG, CN
[72] CHEN, JIAJUN, CN
[72] LI, MIN, CN
[72] WANG, YUE, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2019-07-05
[86] 2018-08-27 (PCT/CN2018/102419)
[87] (3040551)
[30] CN (201810199827.8) 2018-03-12

[21] **3,040,586**
[13] A1
[51] **Int.Cl. G01B 11/30 (2006.01) B29C 55/28 (2006.01)**
[25] EN
[54] **MEASURING DEVICE AND METHOD OF MEASUREMENT / INLINE PATTERN RECOGNITION OF A TWO OR THREE-DIMENSIONAL FILMTOPOGRAPHY**
[54] **DISPOSITIF ET PROCEDE DE MESURE/RECONNAISSANCE DE MOTIFS EN LIGNE D'UNE TOPOGRAPHIE DE FILM BIDIMENSIONNELLE OU TRIDIMENSIONNELLE**
[72] LETTOWSKY, CHRISTOPH, DE
[72] WALACH, PAUL, DE
[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
[85] 2019-04-15
[86] 2017-08-01 (PCT/DE2017/000230)
[87] (WO2018/072768)
[30] DE (10 2016 012 426.1) 2016-10-18
[30] DE (10 2017 006 818.6) 2017-07-19

[21] **3,040,587**
[13] A1
[51] **Int.Cl. G05B 23/02 (2006.01)**
[25] EN
[54] **METHOD FOR INDIRECTLY DERIVING OF A SYSTEMATIC DEPENDENCE BETWEEN ONE ADJUSTMENT VARIABLE AND ONE OPTICAL CHARACTERISTIC OF A FILM WEB, METHOD FOR ADJUSTING THE QUALITY OF A WEB FILM**
[54] **PROCEDE DE DEDUCTION INDIRECTE D'UNE DEPENDANCE SYSTEMATIQUE ENTRE UNE VALEUR DE REGLAGE ET UNE PROPRIETE OPTIQUE D'UNE BANDE DE FILM, PROCEDE D'ADAPTATION DE LA QUALITE D'UNE BANDE DE FILM**
[72] SCHUHMACHER, HOLGER, DE
[72] LETTOWSKY, CHRISTOPH, DE
[72] WALACH, PAUL, DE
[72] REHKOPF, JURGEN, SG
[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
[85] 2019-04-15
[86] 2017-08-03 (PCT/DE2017/000244)
[87] (WO2018/072769)
[30] DE (10 2016 012 431.8) 2016-10-18
[30] DE (10 2017 007 140.3) 2017-07-19

[21] **3,040,601**
[13] A1
[25] EN
[54] **SYSTEM AND METHOD FOR INFORMATION PROTECTION**
[54] **SYSTEME ET PROCEDE DE PROTECTION D'INFORMATION**
[72] MA, BAOLI, CN
[72] ZHANG, WENBIN, CN
[72] MA, HUANYU, CN
[72] LIU, ZHENG, CN
[72] CUI, JIAHUI, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-15
[86] 2018-11-27 (PCT/CN2018/117552)
[87] (WO2019/072276)

[21] **3,040,611**
[13] A1
[25] EN
[54] **SYSTEM AND METHOD FOR INFORMATION PROTECTION**
[54] **SYSTEME ET PROCEDE POUR LA PROTECTION D'INFORMATIONS**
[72] MA, BAOLI, CN
[72] ZHANG, WENBIN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-15
[86] 2018-11-27 (PCT/CN2018/117560)
[87] (WO2019/072278)

[21] **3,040,746**
[13] A1
[25] EN
[54] **DOOR OPENING/CLOSING DEVICE**
[54] **DISPOSITIF D'OUVERTURE ET DE FERMETURE DE PORTE**
[72] FUJITA, KENJI, JP
[72] KITABATA, ATSUSHI, JP
[71] FUJI ELECTRIC CO., LTD., JP
[85] 2019-04-18
[86] 2017-11-02 (PCT/JP2017/039823)
[87] (WO2019/087370)

[21] **3,040,783**
[13] A1
[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVING SECURITY OF SMART CONTRACT ON BLOCKCHAIN**
[54] **SYSTEME ET PROCEDE PERMETTANT D'AMELIORER LA SECURITE D'UN CONTRAT INTELLIGENT SUR UNE CHAINE DE BLOCS**
[72] YAO, ZHONGXIAO, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-16
[86] 2018-11-27 (PCT/CN2018/117666)
[87] (WO2019/072283)

[21] **3,040,791**
[13] A1
[25] EN
[54] **SYSTEM AND METHOD FOR INFORMATION PROTECTION**
[54] **SYSTEME ET PROCEDE POUR LA PROTECTION D'INFORMATIONS**
[72] CUI, JIAHUI, CN
[72] MA, BAOLI, CN
[72] LIU, ZHENG, CN
[72] ZHANG, WENBIN, CN
[72] MA, HUANYU, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-16
[86] 2018-11-27 (PCT/CN2018/117571)
[87] (WO2019/072279)

[21] **3,040,972**
[13] A1
[51] **Int.Cl. G16H 50/20 (2018.01) G16H 50/50 (2018.01) A61B 5/00 (2006.01)**
[25] EN
[54] **SICKNESS PREDICTION APPLICATION SYSTEM**
[54] **SYSTEME D'APPLICATION DE PREDICTION DE MALADIE**
[72] MORRA, MICHAEL, CA
[72] PETICCA, TONY, CA
[71] DATAPULT, INC., CA
[85] 2019-04-17
[86] 2017-10-20 (PCT/CA2017/051257)
[87] (WO2018/072035)
[30] US (62/410,819) 2016-10-20

[21] **3,040,999**
[13] A1
[25] EN
[54] **SYSTEM AND METHOD OF ACQUISITION, TRANSMISSION AND PROCESSING DATA RELATED TO BIOLOGICAL FLUIDS**
[54] **SYSTEME ET PROCEDE D'ACQUISITION, DE TRANSMISSION ET DE TRAITEMENT DE DONNEES ASSOCIEES A DES FLUIDES BIOLOGIQUES**
[72] VISMARA, MARCO FLAVIO MICHELE, IT
[71] VISMARA, MARCO FLAVIO MICHELE, IT
[71] VALENTINI, ANTONIO, IT
[85] 2019-04-17
[86] 2017-10-17 (PCT/IB2017/056424)
[87] (WO2018/073730)
[30] IT (102016000103909) 2016-10-17

[21] **3,041,128**
[13] A1
[51] **Int.Cl. B29C 59/02 (2006.01) B29C 59/04 (2006.01)**
[25] EN
[54] **PLASTIC STRAP AND PROCESS FOR MANUFACTURING PLASTIC STRAPS**
[54] **FEUILLARD DE CERCLAGE EN PLASTIQUE ET PROCEDE DE FABRICATION DE FEUILLARDS DE CERCLAGE EN PLASTIQUE**
[72] GAHLEITNER, THOMAS, AT
[72] KRZIWANEK, THOMAS, AT
[71] TEUFELBERGER GES.M.B.H., AT
[85] 2019-04-17
[86] 2017-10-18 (PCT/AT2017/060268)
[87] (WO2018/071936)
[30] DE (10 2016 119 898.6) 2016-10-19

[21] **3,041,156**
[13] A1
[25] EN
[54] **RECOVERING ENCRYPTED TRANSACTION INFORMATION IN BLOCKCHAIN CONFIDENTIAL TRANSACTIONS**
[54] **RECUPERATION D'INFORMATION DE TRANSACTION CHIFFREE DANS DES TRANSACTIONS CONFIDENTIELLES DE CHAINE DE BLOCS**
[72] LIU, ZHENG, CN
[72] LI, LICHUN, CN
[72] YIN, SHAN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-18
[86] 2018-11-07 (PCT/CN2018/114322)
[87] (WO2019/072262)

[21] **3,041,157**
[13] A1
[25] EN
[54] **BLOCKCHAIN SYSTEM SUPPORTING PUBLIC AND PRIVATE TRANSACTIONS UNDER ACCOUNT MODELS**
[54] **SYSTEME DE CHAINE DE BLOCS PRENANT EN CHARGE DES TRANSACTIONS PUBLIQUES ET PRIVEES AVEC DES MODELES DE COMPTES**
[72] MA, BAOLI, CN
[72] ZHANG, WENBIN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-18
[86] 2018-11-07 (PCT/CN2018/114401)
[87] (WO2019/072265)

[21] **3,041,158**
[13] A1
[25] EN
[54] **TRAVERSING SMART CONTRACT DATABASE THROUGH LOGIC MAP**
[54] **TRAVERSEE D'UNE BASE DE DONNEES DE CONTRATS INTELLIGENTS PAR LE BIAIS D'UNE CARTE LOGIQUE**
[72] PAN, DONG, CN
[72] QIAO, XIAORUI, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-18
[86] 2018-11-07 (PCT/CN2018/114410)
[87] (WO2019/072266)

[21] **3,041,159**
[13] A1
[25] EN
[54] **MANAGING COMMUNICATIONS AMONG CONSENSUS NODES AND CLIENT NODES**
[54] **GESTION DE COMMUNICATIONS ENTRE DES N□UDS DE CONSENSUS ET DES N□UDS CLIENTS**
[72] PAN, DONG, CN
[72] YAN, XUEBING, CN
[72] CHEN, SHENGLONG, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-18
[86] 2018-11-07 (PCT/CN2018/114417)
[87] (WO2019/072267)

[21] **3,041,160**
[13] A1
[25] EN
[54] **BLOCKCHAIN DATA PROTECTION BASED ON ACCOUNT NOTE MODEL WITH ZERO-KNOWLEDGE PROOF**
[54] **PROTECTION DE DONNEES DE CHAINE DE BLOCS BASEE SUR UN MODELE DE BILLETS PROVENANT DE COMPTES ET UTILISANT UNE PREUVE A CONNAISSANCE NULLE**
[72] MA, BAOLI, CN
[72] ZHANG, WENBIN, CN
[72] MA, HUANYU, CN
[72] LIU, ZHENG, CN
[72] LI, LICHUN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-18
[86] 2018-11-07 (PCT/CN2018/114420)
[87] (WO2019/072268)

[21] **3,041,161**
[13] A1
[25] EN
[54] **BLOCKCHAIN DATA PROTECTION USING HOMOMORPHIC ENCRYPTION**
[54] **PROTECTION DE DONNEES DE CHAINE DE BLOCS A L'AIDE D'UN CHIFFREMENT HOMOMORPHIQUE**
[72] ZHANG, WENBIN, CN
[72] MA, BAOLI, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-18
[86] 2018-11-07 (PCT/CN2018/114421)
[87] (WO2019/072269)

[21] **3,041,162**
[13] A1
[25] EN
[54] **MANAGING PRIVATE TRANSACTIONS ON BLOCKCHAIN NETWORKS BASED ON WORKFLOW**
[54] **GESTION DE TRANSACTIONS PRIVEES SUR DES RESEAUX DE CHAINES DE BLOCS, BASEE SUR UN FLUX DE TRAVAIL**
[72] PAN, DONG, CN
[72] ZHANG, WENBIN, CN
[72] YAN, XUEBING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-18
[86] 2018-11-07 (PCT/CN2018/114426)
[87] (WO2019/072270)

[21] **3,041,163**
[13] A1
[25] EN
[54] **A DOMAIN NAME SCHEME FOR CROSS-CHAIN INTERACTIONS IN BLOCKCHAIN SYSTEMS**
[54] **SCHEMA DE NOM DE DOMAINE POUR INTERACTIONS EN CHAINE CROISEE DANS DES SYSTEMES DE CHAINE DE BLOCS**
[72] QIU, HONGLIN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-18
[86] 2018-11-16 (PCT/CN2018/115918)
[87] (WO2019/072271)

[21] **3,041,188**
[13] A1
[25] EN
[54] **BLOCKCHAIN SMART CONTRACT UPDATES USING DECENTRALIZED DECISION**
[54] **MISES A JOUR DE CONTRAT INTELLIGENT DE CHAINE DE BLOCS A L'AIDE D'UNE DECISION DECENTRALISEE**
[72] SHAO, KAILAI, CN
[72] LU, XUMING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-18
[86] 2018-11-30 (PCT/CN2018/118543)
[87] (WO2019/072289)

[21] **3,041,200**
[13] A1
[25] EN
[54] **BLOCKCHAIN DATA PROTECTION USING HOMOMORPHIC ENCRYPTION**
[54] **PROTECTION DE DONNEES DE CHAINE DE BLOCS A L'AIDE D'UN CHIFFREMENT HOMOMORPHE**
[72] MA, BAOLI, CN
[72] ZHANG, WENBIN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-18
[86] 2018-11-07 (PCT/CN2018/114344)
[87] (WO2019/072264)

[21] **3,041,203**
[13] A1
[25] EN
[54] **A DOMAIN NAME MANAGEMENT SCHEME FOR CROSS-CHAIN INTERACTIONS IN BLOCKCHAIN SYSTEMS**
[54] **SYSTEME DE GESTION DE NOM DE DOMAINE POUR DES INTERACTIONS ENTRE CHAINES DANS DES SYSTEMES DE CHAINES DE BLOCS**
[72] QIU, HONGLIN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-18
[86] 2018-11-16 (PCT/CN2018/115921)
[87] (WO2019/072272)

[21] **3,041,208**
[13] A1
[25] EN
[54] **CROSS-CHAIN INTERACTIONS USING A DOMAIN NAME SCHEME IN BLOCKCHAIN SYSTEMS**
[54] **INTERACTIONS ENTRE CHAINES UTILISANT UN SYSTEME DE NOMS DE DOMAINE DANS DES SYSTEMES DE CHAINES DE BLOCS**
[72] QIU, HONGLIN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-18
[86] 2018-11-16 (PCT/CN2018/115926)
[87] (WO2019/072273)

[21] **3,041,211**
[13] A1
[25] EN
[54] **UTILIZING NONCE TABLE TO RESOLVE CONCURRENT BLOCKCHAIN TRANSACTION FAILURE**
[54] **UTILISATION D'UNE TABLE DE NONCES POUR RESOUDRE UN ECHEC DE TRANSACTIONS DE CHAINES DE BLOCS SIMULTANEES**
[72] SHEN, CHAO, CN
[72] SHAO, KAILAI, CN
[72] LU, XUMING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-18
[86] 2018-11-30 (PCT/CN2018/118523)
[87] (WO2019/072287)

[21] **3,041,220**
[13] A1
[25] EN
[54] **ASYMMETRIC KEY MANAGEMENT IN CONSORTIUM BLOCKCHAIN NETWORKS**
[54] **GESTION DE CLE ASYMETRIQUE DANS DES RESEAUX DE CHAINE DE BLOCS DE CONSORTIUM**
[72] ZHANG, YIXIANG, CN
[72] LI, SHUBO, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-18
[86] 2018-11-27 (PCT/CN2018/117576)
[87] (WO2019/072281)

[21] **3,041,221**
[13] A1
[25] EN
[54] **SIMULATION DEVICE, COMPUTER PROGRAM, AND SIMULATION METHOD**
[54] **DISPOSITIF DE SIMULATION, PROGRAMME INFORMATIQUE ET PROCEDE DE SIMULATION**
[72] OHZEKI, MASAYUKI, JP
[71] KYOTO UNIVERSITY, JP
[85] 2019-04-18
[86] 2017-06-26 (PCT/JP2017/023378)
[87] (WO2018/074006)
[30] JP (2016-206265) 2016-10-20

[21] **3,041,223**
[13] A1
[25] EN
[54] **FUNCTION-AS-A-SERVICE (FAAS) PLATFORM IN BLOCKCHAIN NETWORKS**
[54] **PLATE-FORME DE FUNCTION-AS-A-SERVICE (FAAS) DANS DES RESEAUX DE CHAINES DE BLOCS**
[72] SHAO, KAILAI, CN
[72] LU, XUMING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-18
[86] 2018-11-27 (PCT/CN2018/117637)
[87] (WO2019/072282)

[21] **3,041,255**
[13] A1
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING A ROLE-BASED QUERY BOT**
[54] **PROCEDE ET APPAREIL FOURNISSANT UN ROBOT D'INTERROGATION SELON LE ROLE**
[72] WOJTASZEK, DOMINIK, PL
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2019-04-18
[86] 2016-11-16 (PCT/PL2016/050054)
[87] (WO2018/093278)

[21] **3,041,409**
[13] A1
[51] **Int.Cl. G09B 9/02 (2006.01)**
[25] EN
[54] **MOTION SIMULATION SYSTEM**
[54] **SYSTEME DE SIMULATION DE MOUVEMENT**
[72] BORTOLON, RICCARDO, CH
[71] CRESNO SA, CH
[85] 2019-04-23
[86] 2017-10-17 (PCT/IB2017/056423)
[87] (WO2018/078485)
[30] IT (102016000106809) 2016-10-24

[21] **3,041,463**
[13] A1
[25] EN
[54] **FACILITATING PRACTICAL BYZANTINE FAULT TOLERANCE BLOCKCHAIN CONSENSUS AND NODE SYNCHRONIZATION**
[54] **FACILITATION D'UN CONSENSUS DE CHAINE DE BLOCS ET D'UNE SYNCHRONISATION DE N□UDS POUR LA TOLERANCE PRATIQUE AUX DEFAILLANCES ARBITRAIRES**
[72] YANG, DAYI, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-04-18
[86] 2018-11-07 (PCT/CN2018/114334)
[87] (WO2019/072263)

[21] **3,041,477**
[13] A1
[25] EN
[54] **QUICK EXTRACTION KIT**
[54] **TROUSSE D'EXTRACTION RAPIDE**
[72] LEE, CHIN-SHAN, CN
[72] HSIAO, WEN-JUI, CN
[71] GREAT ENGINEERING TECHNOLOGY CORP., CN
[85] 2019-04-29
[86] 2018-04-11 (PCT/CN2018/082588)
[87] (3041477)

[21] **3,042,110**
[13] A1
[51] **Int.Cl. C08G 69/40 (2006.01) C08K 5/053 (2006.01) C08L 77/02 (2006.01)**
[25] FR
[54] **POLYMER COMPOSITION THAT CAN BE EXTRUDED INTO AN OBJECT THAT IS PERMEABLE TO WATER VAPOUR**
[54] **COMPOSITION POLYMERE EXTRUDABLE EN OBJET PERMEABLE A LA VAPEUR D'EAU**
[72] PINEAU, QUENTIN, FR
[72] BRIFFAUD, THIERRY, FR
[72] LOYEN, KARINE, FR
[72] BERDIN, LAURE, FR
[71] ARKEMA FRANCE, FR
[85] 2019-04-29
[86] 2017-11-14 (PCT/FR2017/053109)
[87] (WO2018/087501)
[30] FR (FR1661012) 2016-11-14

[21] **3,042,330**
[13] A1
[25] EN
[54] **AIR BOOM SPREADER FOR AGRICULTURAL PRODUCT**
[54] **EPANDEUSE A MAT PNEUMATIQUE DESTINEE A UN PRODUIT AGRICOLE**
[72] GRAY, GEOF J., CA
[72] AVERINK, JOHN MARK, CA
[72] BAKER, BRADLEY WILLIAM, CA
[72] DYCK, JESSE ABRAM, CA
[72] PASMA, CHAD DEREK, CA
[72] LEHMAN, ADAM PETER, CA
[71] SALFORD GROUP INC., CA
[85] 2019-08-22
[86] 2019-01-17 (PCT/CA2019/050064)
[87] (3042330)
[30] US (62/620,125) 2018-01-22

[21] **3,042,478**
[13] A1
[25] EN
[54] **METHOD AND SYSTEM FOR STORING AND RETRIEVING MULTI-DIMENSIONAL DATA**
[54] **PROCEDE ET SYSTEME DE MEMORISATION ET DE RECUPERATION DE DONNEES MULTI DIMENSIONNELLES**
[72] DOUGLAS, SHANE, AU
[71] POINTERRA TECHNOLOGIES PTY LTD, AU
[85] 2019-05-01
[86] 2017-08-31 (PCT/AU2017/050937)
[87] (WO2018/039730)
[30] AU (2016903463) 2016-08-31

[21] **3,043,084**
[13] A1
[25] EN
[54] **MULTI-SPECTRUM GENERATING DEVICE AND METHOD THEREOF**
[54] **DISPOSITIF GENERATEUR MULTISPECTRE ET METHODE ASSOCIEE**
[72] WU, CHANJUAN, CN
[72] ZENG, LIANG, CN
[72] LIN, PINGQIU, CN
[72] LI, NANA, CN
[72] LIN, RUIYONG, CN
[72] ZHAN, ZHOU, CN
[71] FUJIAN SANAN SINO-SCIENCE PHOTOBIOTECH CO., LTD, CN
[85] 2019-05-28
[86] 2018-12-25 (PCT/CN2018/123385)
[87] (3043084)
[30] CN (201810403740.8) 2018-04-28

[21] **3,043,289**
[13] A1
[25] EN
[54] **GALVANIC SKIN RESPONSE DETECTION WITH CRANIAL MICRO DIRECT CURRENT STIMULATION**
[54] **DETECTION D'UNE REPONSE GALVANIQUE DE LA PEAU SUITE A UNE STIMULATION CRANIENNE PAR MICRO-COURANT CONTINU**
[72] DUBOUNET, DESIRE, HU
[71] DUBOUNET, DESIRE, HU
[85] 2019-05-08
[86] 2017-07-07 (PCT/HU2017/000043)
[87] (WO2018/087577)
[30] HU (P1600614) 2016-11-09

[21] **3,043,342**
[13] A1
[51] **Int.Cl. G06Q 50/00 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PROVIDING AND RECEIVING INFORMATION FOR RISK MANAGEMENT IN THE FIELD**
[54] **PROCEDES ET SYSTEMES DE FOURNITURE ET DE RECEPTION D'INFORMATIONS DE GESTION DES RISQUES SUR LE TERRAIN**
[72] OUTRAM, JAQUELINE, AU
[71] REPIPE PTY LTD, AU
[85] 2019-05-09
[86] 2017-11-14 (PCT/AU2017/051246)
[87] (WO2018/085898)
[30] AU (2016904642) 2016-11-14

[21] **3,043,844**
[13] A1
[25] EN
[54] **A METHOD OF LAYERED LAMINATION OF A CONSTRUCTIONAL ELEMENT WITH AN UNIFORM AND/OR HYBRID FIBRE-POLYMER COMPOSITE IN AN IN-SITU METHOD BY THE USE OF ULTRASONIC VIBRATION IN A CONTINUOUS PROCESS AND A DEVICE FOR THE REALIZATION OF THE METHOD**
[54] **PROCEDE DE STRATIFICATION A COUCHES D'UN ELEMENT DE CONSTRUCTION AVEC UN COMPOSITE FIBRE-POLYMERE UNIFORME ET/OU HYBRIDE DANS UN PROCEDE IN SITU PAR L'UTILISATION D'UNE VIBRATION ULTRASONORE DANS UN PROCEDE CONTINU ET DISPOSITIF POUR LA REALISATION DU PROCEDE**
[72] WELTER, PIOTR EDWARD, PL
[72] PELC, RYSZARD, PL
[71] CAVICO SP. Z O.O., PL
[85] 2019-05-14
[86] 2017-11-14 (PCT/IB2017/057094)
[87] (WO2018/092018)
[30] PL (PL419471) 2016-11-15

[21] **3,044,081**
[13] A1
[25] EN
[54] **APPARATUS FOR A LOW PRESSURE NON-CONTACT CLEANING OF A PAINT APPLICATOR**
[54] **APPAREIL POUR LE NETTOYAGE SANS CONTACT A BASSE PRESSION D'UN APPLICATEUR DE PEINTURE**
[72] JESSUP, PHILIP, CA
[72] JESSUP, ELEANOR, CA
[71] JESSUP, PHILIP, CA
[71] JESSUP, ELEANOR, CA
[85] 2019-05-16
[86] 2017-11-16 (PCT/CA2017/051369)
[87] (WO2018/090138)
[30] US (62/423,359) 2016-11-17

[21] **3,044,284**
[13] A1
[25] EN
[54] **PLANT ILLUMINATION OPTICAL DEVICE AND PLANT CULTIVATION DEVICE CONTAINIGOPTICAL DEVICECE**
[54] **APPAREIL OPTIQUE D'ECLAIRAGE DE PLANTE ET DISPOSITIF DE CULTURE DE PLANTE CONTENANT L'APPAREIL OPTIQUE**
[72] WU, CHANJUAN, CN
[72] ZENG, LIANG, CN
[72] LIN, PINGQIU, CN
[72] CHEN, YINGYING, CN
[72] FENG, FULIN, CN
[72] ZHAN, ZHUO, CN
[71] FUJIAN SANAN SINO-SCIENCE PHOTOBIOTECH CO., LTD., CN
[85] 2019-05-24
[86] 2018-12-25 (PCT/CN2018/123386)
[87] (3044284)
[30] CN (201810154596.9) 2018-02-23

[21] **3,044,480**
[13] A1
[51] **Int.Cl. H04W 24/08 (2009.01) H04W 4/029 (2018.01) H04W 4/33 (2018.01)**
[25] EN
[54] **DEVICE-FREE LOCALIZATION METHODS WITHIN SMART INDOOR ENVIRONMENTS**
[54] **PROCEDES DE LOCALISATION SANS DISPOSITIF DANS DES ENVIRONNEMENTS INTERIEURS INTELLIGENTS**
[72] GHOURCHIAN, NEGAR, CA
[72] ALLEGUE MARTINEZ, MICHEL, CA
[72] PRECUP, DOINA, CA
[71] AERIAL TECHNOLOGIES, CA
[85] 2019-05-21
[86] 2017-11-21 (PCT/CA2017/000247)
[87] (WO2018/094502)
[30] US (62/425,267) 2016-11-22

[21] **3,044,489**
[13] A1
[51] **Int.Cl. B60L 9/16 (2006.01) H02J 3/28 (2006.01) H02J 7/14 (2006.01) H02P 1/54 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR ACTUATING POWER PACK**
[54] **PROCEDE ET AGENCEMENT D'ACTIONNEMENT DE BLOC D'ALIMENTATION**
[72] OIKARINEN, TIMO, FI
[71] NORMET OY, FI
[85] 2019-05-21
[86] 2017-11-23 (PCT/FI2017/050818)
[87] (WO2018/096218)
[30] FI (20165891) 2016-11-24

[21] **3,044,530**
[13] A1
[51] **Int.Cl. G06N 5/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR USING A KNOWLEDGE REPRESENTATION WITH A MACHINE LEARNING CLASSIFIER**
[54] **SYSTEME ET PROCEDE D'UTILISATION D'UNE REPRESENTATION DE CONNAISSANCES AVEC UN CLASSIFICATEUR D'APPRENTISSAGE AUTOMATIQUE**
[72] ILYAS, LHAB, CA
[72] SWEENEY, PETER J., CA
[72] WILSON, MATHEW WHITNEY, CA
[71] PRIMAL FUSION INC., CA
[85] 2019-05-22
[86] 2016-11-23 (PCT/CA2016/000288)
[87] (WO2018/094496)

[21] **3,044,638**
[13] A1
[51] **Int.Cl. A01M 7/00 (2006.01) A01N 65/00 (2009.01) A01P 19/00 (2006.01)**
[25] EN
[54] **SYNTHETIC LURES**
[54] **LEURRES SYNTHETIQUES**
[72] JACKSON, MICHAEL DAVID, NZ
[72] LINKLATER, WAYNE LESLIE, NZ
[72] KEYZERS, ROBERT ALEXANDER, NZ
[71] VICTORIA LINK LIMITED, NZ
[85] 2019-05-22
[86] 2017-12-19 (PCT/IB2017/058092)
[87] (WO2018/116142)
[30] AU (2016905268) 2016-12-20
[30] AU (2017900596) 2017-02-23

[21] **3,044,847**
[13] A1
[25] EN
[54] **METHOD AND APPARATUS FOR MATCHING NAMES**
[54] **METHODE ET APPAREIL PERMETTANT DE FAIRE CONCORDER DES NOMS**
[72] SUN, QINGQING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-05-23
[86] 2017-11-17 (PCT/CN2017/111604)
[87] (WO2018/095281)
[30] CN (201611055619.8) 2016-11-25

[21] **3,044,907**
[13] A1
[25] EN
[54] **SYSTEM AND METHOD FOR INFORMATION PROTECTION**
[54] **SYSTEME ET PROCEDE DE PROTECTION D'INFORMATIONS**
[72] ZHANG, WENBIN, CN
[72] LI, LICHUN, CN
[72] MA, BAOLI, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-05-24
[86] 2018-12-29 (PCT/CN2018/125749)
[87] (WO2019/072313)

[21] **3,044,934**
[13] A1
[25] EN
[54] **RANK INDICATION METHOD, RANK INDICATION REPORTING METHOD, DEVICE AND SYSTEM, AND STORAGE MEDIUM**
[54] **METHODE D'INDICATION DE RANG, METHODE DE PRODUCTION DE RAPPORT D'INDICATION DE RANG, DISPOSITIF ET SYSTEME, ET SUPPORT DE STOCKAGE**
[72] GE, SHIBIN, CN
[72] HAN, WEI, CN
[72] BI, XIOYAN, CN
[72] SHI, HONGZHE, CN
[72] WU, YE, CN
[72] JIN, HUANGPING, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-05-31
[86] 2018-06-21 (PCT/CN2018/092129)
[87] (3044934)
[30] CN (201711297861.0) 2017-12-08

[21] **3,045,293**
[13] A1
[25] EN
[54] **A MEASUREMENT DEVICE AND A METHOD FOR RECORDING THE POSITIONS OF TEETH**
[54] **DISPOSITIF DE MESURE ET PROCEDE D'ENREGISTREMENT DES POSITIONS DES DENTS**
[72] SZCZERBANIEWICZ, BLAZEJ, PL
[72] STACHURA, ADAM, PL
[71] SZCZERBANIEWICZ, JOANNA, PL
[85] 2019-05-31
[86] 2018-02-21 (PCT/PL2018/000017)
[87] (WO2018/156038)
[30] PL (P.420625) 2017-02-22

[21] **3,045,400**
[13] A1
[25] EN
[54] **METHOD FOR CONFIGURING CHANNEL STATE INFORMATION REPORTING BAND AND COMMCOMMUNICATIONS APPARATUS**
[54] **METHODE DE CONFIGURATION DE BANDE DE RAPPORT D'INFORMATION D'ETAT DE CANAL ET APPAREIL DE COMMUNICATION**
[72] HAN, WEI, CN
[72] LIU, YONG, CN
[72] GE, SHIBIN, CN
[72] JIN, HUANGPING, CN
[72] BI, XIAOYAN, CN
[72] REN, XIANG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-06-06
[86] 2018-06-21 (PCT/CN2018/092169)
[87] (3045400)
[30] CN (201810032711.5) 2018-01-12

[21] **3,045,540**
[13] A1
[25] EN
[54] **SOLAR POWER STATION**
[54] **CENTRALE SOLAIRE**
[72] HU, XIAOPING, CN
[71] BOLYMEDIA HOLDINGS CO. LTD., US
[85] 2019-05-30
[86] 2016-12-02 (PCT/CN2016/108341)
[87] (WO2018/098800)

[21] **3,045,586**
[13] A1
[25] EN
[54] **SYSTEM AND METHOD OF USING MACHINE-READABLE INFORMATION IN A MEDICAL PROCEDURE**
[54] **SYSTEME ET PROCEDE D'UTILISATION D'INFORMATIONS LISIBLES PAR MACHINE DANS UNE PROCEDURE MEDICALE**
[72] SOTO SANTOS, SAMUEL, DE
[71] NOVARTIS AG, CH
[85] 2019-05-30
[86] 2017-01-20 (PCT/IB2017/050317)
[87] (WO2018/134643)

[21] **3,045,859**
[13] A1
[25] EN
[54] **NEW APPLICATION REQUEST IN PROGRESS**
[54] **NOUVELLE DEMANDE DE DEPOT DE BREVET EN COURS**
[72] SPAGNOLI, LUIGI, IT
[72] USTUNBERK, CAN, IT
[71] MARTUR ITALY S.R.L., IT
[85] 2019-07-10
[86] 2019-01-30 (PCT/IB2019/050749)
[87] (3045859)
[30] IT (102018000004672) 2018-04-18

[21] **3,045,868**
[13] A1
[25] EN
[54] **FLOW-GUIDING ROD, BUSHING AND CONVERTER TRANSFORMER SYSTEM**
[54] **TIGE DE GUIDAGE DE FLUX, BAGUE ET SYSTEME DE TRANSFORMATEUR-CONVERTISSEUR**
[72] LIU, SHAN, CN
[72] LU, LICHENG, CN
[72] LIU, ZEHONG, CN
[71] STATE GRID CORPORATION OF CHINA, CN
[71] TSINGHUA UNIVERSITY, CN
[85] 2019-06-12
[86] 2018-11-21 (PCT/CN2018/116776)
[87] (3045868)
[30] CN (201810312629.8) 2018-04-09

[21] **3,045,889**
[13] A1
[25] EN
[54] **SYSTEM AND METHOD OF PRINTING MACHINE-READABLE INFORMATION USABLE IN A MEDICAL PROCEDURE**
[54] **SYSTEME ET PROCEDE D'IMPRESSION D'INFORMATIONS LISIBLES PAR MACHINE UTILISABLES DANS UNE PROCEDURE MEDICALE**
[72] SOTO SANTOS, SAMUEL, DE
[71] NOVARTIS AG, CH
[85] 2019-05-29
[86] 2017-01-20 (PCT/IB2017/050320)
[87] (WO2018/134644)

[21] **3,047,005**
[13] A1
[25] EN
[54] **RAIL MOUNTING DEVICE AND METHOD FOR FIXING RAILS TO REINFORCED CONCRETE RAILWAY SLEEPER**
[54] **DISPOSITIF DE MONTAGE DE RAILS ET PROCEDE DE FIXATION DE RAILS A UNE TRAVERSE DE CHEMIN DE FER EN BETON ARME**
[72] RACZ, ATTILA, HU
[71] HR SYSTEM HUNGARY ZRT., HU
[85] 2019-06-05
[86] 2017-12-06 (PCT/HU2017/050053)
[87] (WO2018/104757)
[30] HU (P1600654) 2016-12-07

[21] **3,047,023**
[13] A1
[51] **Int.Cl. A61P 11/08 (2006.01) C07D 403/12 (2006.01) C07D 453/00 (2006.01) C07D 453/02 (2006.01) C07D 487/08 (2006.01)**
[25] EN
[54] **CLASS OF BIFUNCTIONAL COMPOUNDS WITH QUATERNARY AMMONIUM SALT STRUCTURE**
[54] **CLASSE DE COMPOSES BIFONCTIONNELS DE STRUCTURE DE SEL D'AMMONIUM QUATERNAIRE**
[72] WEN, SHOUMING, CN
[72] GAO, ZEJUN, CN
[72] WANG, JUNYI, CN
[72] CHEN, XIAOPING, CN
[71] BEIJING SHOWBY PHARMACEUTICAL CO., LTD., CN
[85] 2019-06-13
[86] 2017-12-13 (PCT/CN2017/115807)
[87] (WO2018/108089)
[30] CN (201611150752.1) 2016-12-14

[21] **3,047,178**
[13] A1
[25] EN
[54] **SYSTEM, DEVICE AND METHOD FOR DATA UPDATE NOTIFICATION**
[54] **SYSTEME, DISPOSITIF ET PROCEDE DESTINES A UNE NOTIFICATION DE MISE A JOUR DE DONNEES**
[72] MARTINEZ, NORBERT, DE
[72] DOMINGUEZ, DAVID, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-06-14
[86] 2017-12-06 (PCT/CN2017/114826)
[87] (WO2018/108010)
[30] EP (16203937.4) 2016-12-14

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[13] A1
[51] **Int.Cl. B82Y 40/00 (2011.01) B05D 1/00 (2006.01) B82B 3/00 (2006.01) C08F 2/34 (2006.01) C08F 2/46 (2006.01) C08F 2/58 (2006.01) C23C 14/00 (2006.01) C23C 16/455 (2006.01) C23C 16/50 (2006.01) H05H 1/24 (2006.01)**
[25] EN
[54] **NANOPARTICLES**
[54] **NANOPARTICULES**
[72] CORREIA DOS SANTOS, MIGUEL ANGELO, AU
[72] FILIPE, ELYSSE, AU
[72] LORWATTANAPONGSA, PRAVEESUDA, AU
[72] BILEK, MARCELA, AU
[72] WISE, STEVEN GARRY, AU
[71] THE HEART RESEARCH INSTITUTE LTD, AU
[85] 2019-06-17
[86] 2017-12-21 (PCT/AU2017/051437)
[87] (WO2018/112543)
[30] AU (2016905306) 2016-12-21

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[13] A1
[25] EN
[54] **COMMUNICATION METHOD, TERMINAL DEVICE AND NETWORK DEVICE**
[54] **PROCEDE DE COMMUNICATION, DISPOSITIF FORMANT TERMINAL ET DISPOSITIF DE RESEAU**
[72] YANG, NING, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-06-18
[86] 2016-12-22 (PCT/CN2016/111580)
[87] (WO2018/112850)

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[13] A1
[25] EN
[54] **ARTICLES OF CLOTHING AND BRASSIERES**
[54] **ARTICLES DE VETEMENT ET SOUTIEN-GORGE**
[72] KOBAYASHI, AKEMI, JP
[72] KOBAYASHI, SATOMI, JP
[71] FAST RETAILING CO., LTD., JP
[85] 2019-06-18
[86] 2018-10-29 (PCT/JP2018/040018)
[87] (3047547)
[30] CN (PCT/CN2018/076973) 2018-02-22

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[21] **3,047,608**
[13] A1
[51] **Int.Cl. F24T 10/10 (2018.01) E21B 41/00 (2006.01) F03G 4/00 (2006.01)**
[25] EN
[54] **ENHANCING GEOTHERMAL ENERGY PRODUCTION IN A WELL**
[54] **AMELIORATION DE LA PRODUCTION D'ENERGIE GEOTHERMIQUE DANS UN PUITS**
[72] NEVISON, GRANT, CA
[72] THOMPSON, JOSH, CA
[71] WISE INTERVENTION SERVICES INC., CA
[85] 2019-06-19
[86] 2017-12-18 (PCT/CA2017/051527)
[87] (WO2018/112610)
[30] US (62/438,937) 2016-12-23

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[21] **3,047,609**
[13] A1
[51] **Int.Cl. F24T 10/10 (2018.01) E21B 33/138 (2006.01) E21B 41/00 (2006.01) F03G 4/00 (2006.01)**
[25] EN
[54] **ENHANCING GEOTHERMAL ENERGY PRODUCTION IN A WELL**
[54] **AMELIORATION DE LA PRODUCTION D'ENERGIE GEOTHERMIQUE DANS UN PUITS**
[72] NEVISON, GRANT, CA
[72] THOMPSON, JOSH, CA
[71] WISE INTERVENTION SERVICES INC., CA
[85] 2019-06-19
[86] 2017-12-18 (PCT/CA2017/051528)
[87] (WO2018/112611)
[30] US (62/438,941) 2016-12-23

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[51] **Int.Cl. C04B 7/00 (2006.01)**
[25] EN
[54] **ENGINEERED CONCRETE BINDER COMPOSITION**
[54] **COMPOSITION DE LIANT DE BETON MISE AU POINT**
[72] BAWRI, BINOD KUMAR, IN
[71] SAROJ VANIJYA PRIVATE LIMITED, IN
[85] 2019-06-19
[86] 2017-04-05 (PCT/IB2017/051937)
[87] (WO2018/142192)
[30] IN (201731003857) 2017-02-02

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[51] **Int.Cl. H01M 10/625 (2014.01) B60L 3/00 (2019.01) G07C 5/00 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **MANAGEMENT SYSTEM FOR COMMERCIAL ELECTRIC VEHICLES**
[54] **SYSTEME DE GESTION POUR VEHICULES ELECTRIQUES COMMERCIAUX**
[72] FAIRWEATHER, TONY, AU
[72] FAIRWEATHER, WARREN, AU
[71] SEA AUTOMOTIVE PTY LTD, AU
[85] 2019-06-25
[86] 2017-04-18 (PCT/AU2017/050346)
[87] (WO2018/136990)
[30] AU (2017900220) 2017-01-25

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[13] A1
[51] **Int.Cl. A61K 31/4353 (2006.01) A61K 31/4439 (2006.01) A61K 31/506 (2006.01) A61K 31/513 (2006.01) A61K 31/519 (2006.01) A61K 31/53 (2006.01) A61K 31/5375 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMBINATION COMPRISING AN ALK INHIBITOR AND A SHP2 INHIBITOR**
[54] **COMBINAISON PHARMACEUTIQUE COMPRENANT UN INHIBITEUR D'ALK ET UN INHIBITEUR DE SHP2**
[72] DARDAEI ALGHALANDIS, LEILA, US
[72] ENGELMAN, JEFFREY ADAM, US
[72] HAO, HUAIXIANG, US
[72] LI, FANG, US
[72] LAMARCHE, MATTHEW J., US
[72] WANG, HUI-QIN, US
[71] NOVARTIS AG, CH
[71] THE GENERAL HOSPITAL CORPORATION DBA MASSACHUSETTS GENERAL HOSPITAL, US
[85] 2019-06-25
[86] 2018-01-08 (PCT/IB2018/050111)
[87] (WO2018/130928)
[30] US (62/444,493) 2017-01-10

[21] **3,048,575**
[13] A1
[51] **Int.Cl. E05B 41/00 (2006.01) E05B 1/00 (2006.01) E05B 13/00 (2006.01) E05B 17/00 (2006.01)**
[25] EN
[54] **INDICATOR LEVER**
[54] **LEVIER INDICATEUR**
[72] LUNDAY, DRAKE, US
[71] SCHLAGE LOCK COMPANY LLC, US
[85] 2019-09-23
[86] 2019-04-19 (PCT/US2019/028307)
[87] (3048575)
[30] US (15/957,554) 2018-04-19

[21] **3,048,740**
[13] A1
[25] EN
[54] **BLOCKCHAIN-BASED DATA PROCESSING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE DONNEES BASES SUR UNE CHAINE DE BLOCS**
[72] QIU, HONGLIN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-06-27
[86] 2018-03-26 (PCT/CN2018/080501)
[87] (WO2018/177250)
[30] CN (201710190740.X) 2017-03-28

[21] **3,048,741**
[13] A1
[25] EN
[54] **BLOCKCHAIN-BASED DATA STORAGE AND QUERY METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE MEMORISATION ET D'INTERROGATION DE DONNEES FONDES SUR UNE CHAINE DE BLOCS**
[72] QIU, HONGLIN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-06-27
[86] 2018-03-26 (PCT/CN2018/080505)
[87] (WO2018/177252)
[30] CN (201710191771.7) 2017-03-28

[21] **3,048,742**
[13] A1
[25] EN
[54] **BLOCKCHAIN-BASED CONSENSUS METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE CONSENSUS BASE SUR LA CHAINE DE BLOCS**
[72] TANG, QIANG, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-06-27
[86] 2018-03-26 (PCT/CN2018/080513)
[87] (WO2018/177255)
[30] CN (201710190786.1) 2017-03-28

[21] **3,048,822**
[13] A1
[25] EN
[54] **DIP MOLDING COMPOSTION, METHOD OF PRODUCING GLOVE, AND GLOVE**
[54] **COMPOSITION DE MOULAGE PAR TREMPAGE, METHODE DE PRODUCTION D'UN GANT ET GANT**
[72] ENOMOTO, NORIHIDE, JP
[72] OGAWA, TAICHI, JP
[72] SHIBATA, KANAME, JP
[72] SHIBASAKI, JUNJI, JP
[71] MIDORI ANZEN CO., LTD., JP
[85] 2019-07-08
[86] 2019-03-27 (PCT/JP2019/013455)
[87] (3048822)
[30] JP (2018-074240) 2018-04-06
[30] JP (2018-074929) 2018-04-09

[21] **3,049,053**
[13] A1
[25] EN
[54] **DUPLICATION MODE COMMUNICATION PROCESSING METHOD IN CU-DU ARCHITECTURE, AND DEVICE**
[54] **METHODE DE TRAITEMENT DE COMMUNICATION EN MODE DE DUPLICATION DANS L'ARCHITECTURE UNITE CENTRALE-UNITE DISTRIBUEE, ET DISPOSITIF**
[72] LUO, HAIYAN, CN
[72] YANG, XUDONG, CN
[72] PENG, WENJIE, CN
[72] DAI, MINGZENG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-07-10
[86] 2019-01-14 (PCT/CN2019/071563)
[87] (3049053)
[30] CN (201810032653.6) 2018-01-12

[21] **3,049,831**
[13] A1
[25] EN
[54] **DATABASE STATE DETERMINING METHOD AND DEVICE, AND CONSISTENCY VERIFYING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION D'ETAT DE BASE DE DONNEES, ET PROCEDE ET DISPOSITIF DE VERIFICATION DE COHERENCE**
[72] ZHAO, BORAN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-07-10
[86] 2018-05-23 (PCT/CN2018/087966)
[87] (WO2018/214897)
[30] CN (201710377721.8) 2017-05-25

[21] **3,049,924**
[13] A1
[25] EN
[54] **OFF-CHAIN SMART CONTRACT SERVICE BASED ON TRUSTED EXECUTION ENVIRONMENT**
[54] **SERVICE DE CONTRAT INTELLIGENT HORS REGISTRE DE CHAINE DE BLOCS ("OFF-CHAIN") REPOSANT SUR UN ENVIRONNEMENT D'EXECUTION DE CONFIANCE**
[72] SONG, XUYANG, CN
[72] YAN, YING, CN
[72] QIU, HONGLIN, CN
[72] ZHAO, BORAN, CN
[72] LIN, LI, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-07-11
[86] 2018-12-13 (PCT/CN2018/120887)
[87] (WO2019/072297)

[21] **3,050,034**
[13] A1
[25] EN
[54] **AUTOMATIC COAL MINING MACHINE AND FLUIDIZED COAL MINING METHOD**
[54] **MACHINE D'EXTRACTION DU CHARBON AUTOMATIQUE ET METHODE D'EXTRACTION DU CHARBON FLUIDISE**
[72] JU, YANG, CN
[72] XIE, HEPING, CN
[72] ZHANG, YONG, CN
[72] ZHU, YAN, CN
[72] GAO, FENG, CN
[72] NIE, XIAODONG, CN
[72] WAN, CHANGBING, CN
[72] SONG, JINXIN, CN
[72] LU, CHANG, CN
[72] LIU, HONGBIN, CN
[72] REN, ZHANGYU, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, BEIJING, CN
[71] SHENZHEN UNIVERSITY, CN
[85] 2019-07-18
[86] 2018-03-23 (PCT/CN2018/080187)
[87] (WO2019/178835)

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[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01) A61K 38/02 (2006.01) A61K 38/10 (2006.01) A61K 38/16 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **GLATIRAMER DEPOT SYSTEMS FOR TREATING PROGRESSIVE FORMS OF MULTIPLE SCLEROSIS**
[54] **SYSTEMES DE DEPOT DE GLATIRAMERE POUR LE TRAITEMENT DE FORMES PROGRESSIVES DE SCLEROSE EN PLAQUES**
[72] DANON, URI, IL
[72] BLEICH KIMELMAN, NADAV, IL
[72] POPPER, LAURA, IL
[72] MAROM, EHUD, IL
[71] MAPI PHARMA LTD., IL
[85] 2019-07-12
[86] 2018-03-25 (PCT/IL2018/050340)
[87] (WO2018/178973)
[30] US (62/476,794) 2017-03-26

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[13] A1
[51] **Int.Cl. H04L 9/00 (2006.01)**
[25] FR
[54] **METHOD FOR INFORMATION RETRIEVAL IN AN ENCRYPTED CORPUS STORED ON A SERVER**
[54] **PROCEDE DE RECHERCHE D'INFORMATIONS DANS UN CORPUS CHIFFRE STOCKE SUR UN SERVEUR**
[72] BINSZTOK, HENRI, FR
[71] WALLIX, FR
[85] 2019-07-16
[86] 2018-02-05 (PCT/FR2018/050276)
[87] (WO2018/150119)
[30] FR (1751241) 2017-02-15

[21] **3,050,560**
[13] A1
[25] EN
[54] **PERFORMING A RECOVERY PROCESS FOR A NETWORK NODE IN A DISTRIBUTED SYSTEM**
[54] **EXECUTION D'UN PROCESSUS DE REPRISE POUR UN N□UD DE RESEAU DANS UN SYSTEME DISTRIBUE**
[72] LIN, PENG, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-07-17
[86] 2018-12-13 (PCT/CN2018/120870)
[87] (WO2019/072295)

[21] **3,050,600**
[13] A1
[25] EN
[54] **BLOCKCHAIN DATA PROTECTION BASED ON GENERIC ACCOUNT MODEL AND HOMOMORPHIC ENCRYPTION**
[54] **PROTECTION DE DONNEES DE CHAINE DE BLOCS REPOSANT SUR UN MODELE DE COMPTE GENERIQUE ET UN CHIFFREMENT HOMOMORPHE**
[72] ZHANG, WENBIN, CN
[72] MA, BAOLI, CN
[72] MA, HUANYU, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-07-17
[86] 2018-12-21 (PCT/CN2018/122573)
[87] (WO2019/072302)

[21] **3,051,233**
[13] A1
[25] EN
[54] **AIR CLEANER FOR VEHICLE**
[54] **ASSAINISSEUR D'AIR DE VEHICULE**
[72] NAM, CHUN OK, KR
[71] NAM, CHUN OK, KR
[85] 2019-08-06
[86] 2019-02-25 (PCT/KR2019/002262)
[87] (3051233)
[30] KR (10-2018-0041949) 2018-04-11

[21] **3,051,287**
[13] A1
[25] EN
[54] **VISUAL BLOCKCHAIN BROWSER**
[54] **NAVIGATEUR DE CHAINE DE BLOCS VISUEL**
[72] LI, YANPENG, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-07-23
[86] 2018-12-29 (PCT/CN2018/125183)
[87] (WO2019/072309)

[21] **3,051,288**
[13] A1
[25] EN
[54] **ACHIEVING CONSENSUS AMONG NETWORK NODES IN A DISTRIBUTED SYSTEM**
[54] **REALISATION D'UN CONSENSUS ENTRE DES N□UDS DE RESEAU DANS UN SYSTEME DISTRIBUE**
[72] LIN, PENG, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-07-23
[86] 2018-12-13 (PCT/CN2018/120858)
[87] (WO2019/072294)

[21] **3,051,880**
[13] A1
[25] EN
[54] **A SOLAR CHIMNEY CONFIGURATION**
[54] **UNE CONFIGURATION DE CHEMINEE SOLAIRE**
[72] ERYENER, DOGAN, TR
[71] CONSERVAL ENGINEERING INC., CA
[85] 2019-09-11
[86] 2018-02-21 (PCT/TR2018/050064)
[87] (WO2019/164463)

[21] **3,052,807**
[13] A1
[51] **Int.Cl. A23G 9/22 (2006.01) A23G 9/04 (2006.01) F25D 11/00 (2006.01) F25D 23/02 (2006.01)**
[25] EN
[54] **DOOR AND BAFFLE INTERFACE ASSEMBLY FOR FROZEN DESSERT MACHINES**
[54] **ENSEMBLE D'INTERFACE DE PORTE ET D'ECRAN DESTINE A DES MACHINES A DESSERT CONGELE**
[72] BUSH, MARK E., US
[72] MATZ, NATHAN, US
[71] TAYLOR COMMERCIAL FOODSERVICE INC., US
[85] 2019-08-22
[86] 2019-04-30 (PCT/US2019/029862)
[87] (3052807)
[30] US (62/665,764) 2018-05-02

[21] **3,053,089**
[13] A1
[51] **Int.Cl. G01S 19/14 (2010.01) G06Q 10/04 (2012.01)**
[25] EN
[54] **DYNAMIC SELECTION OF GEO-BASED SERVICE OPTIONS IN A NETWORK SYSTEM**
[54] **SELECTION DYNAMIQUE D'OPTIONS DE SERVICE SUR UNE BASE GEOGRAPHIQUE DANS UN SYSTEME DE RESEAU**
[72] LIU, YIFANG, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2019-08-08
[86] 2018-02-08 (PCT/IB2018/050795)
[87] (WO2018/146622)
[30] US (15/427,440) 2017-02-08
[30] US (15/498,174) 2017-04-26

[21] **3,054,524**
[13] A1
[51] **Int.Cl. G01F 1/36 (2006.01) A23G 9/22 (2006.01) A23G 9/28 (2006.01) B67D 1/12 (2006.01) A23G 9/52 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FLUID FLOW MEASUREMENT**
[54] **APPAREIL ET METHODE DE MESURE D'ECOULEMENT DE FLUIDE**
[72] FREYMILLER, OTLEY DWIGHT, US
[72] LOWERY, MORGAN J., US
[71] TAYLOR COMMERCIAL FOODSERVICE INC., US
[85] 2019-09-06
[86] 2019-04-24 (PCT/US2019/028885)
[87] (3054524)
[30] US (62/663,494) 2018-04-27

[21] **3,054,761**
[13] A1
[51] **Int.Cl. G01N 33/543 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **INDICATOR RELEASE SYSTEM FOR THE DETECTION OF AN ANALYTE IN A FOODSTUFF, TEST STRIP THEREFOR, AND ANALYSIS METHOD**
[54] **SYSTEME DE LIBERATION D'INDICATEUR PERMETTANT LA DETECTION D'UN ANALYTE DANS UN PRODUIT ALIMENTAIRE, BANDE DE TEST CORRESPONDANTE ET PROCEDE D'ANALYSE**
[72] RURACK, KNUT, DE
[72] CLIMENT TEROL, ESTELA, DE
[72] GIL, TAMIR, DK
[72] HOLM, CLAUS, DK
[71] FOSS ANALYTICAL A/S, DK
[71] BUNDESREPUBLIK DEUTSCHLAND, VERTRETEN DURCH DIE BUNDESMINISTERIN FUR WTSCHAFT UND ENERGIE, DIESE VERTRETEN DURCH DEN PRASIDENTEN DER BUNDESATALT FUR MATERIALFORSCHUNG- UND PRUFUNG (BAM), DE
[85] 2019-08-27
[86] 2018-03-19 (PCT/EP2018/056874)
[87] (WO2018/172278)
[30] EP (17161825.9) 2017-03-20

[21] **3,056,878**
[13] A1
[51] **Int.Cl. C07F 9/6584 (2006.01) A61K 31/675 (2006.01)**
[25] EN
[54] **PHOSPHOLIDINES THAT ARE BCL FAMILY ANTAGONISTS FOR USE IN CLINICAL MANAGEMENT OF CONDITIONS CAUSED OR MEDIATED BY SENESCENT CELLS AND FOR TREATING CANCER**
[54] **PHOSPHOLIDINES QUI SONT DES ANTAGONISTES DE LA FAMILLE BCL DESTINEES A LA GESTION CLINIQUE DES ETATS CAUSES OU MEDIES PAR LES CELLULES SENESCENTES ET AU TRAITEMENT DU CANCER**
[72] HUDSON, RYAN, US
[72] BEAUSOLEIL, ANNE-MARIE, US
[71] UNITY BIOTECHNOLOGY, US
[85] 2019-09-25
[86] 2019-04-30 (PCT/US2019/030028)
[87] (3056878)
[30] US (62/664,850) 2018-04-30
[30] US (62/664,860) 2018-04-30
[30] US (62/664,863) 2018-04-30
[30] US (62/664,891) 2018-04-30

[21] **3,057,166**
[13] A1
[51] **Int.Cl. C12N 5/079 (2010.01) C12N 5/071 (2010.01) C12N 5/0793 (2010.01) C12N 5/0797 (2010.01) A61K 35/30 (2015.01) A61P 25/16 (2006.01)**
[25] EN
[54] **METHOD FOR SEPARATION OF DOPAMINERGIC NEURAL CELLS AND PHARMACEUTICAL COMPOSITION COMPRISING DOPAMINERGIC NEURAL CELLS FOR TREATMENT OF PARKINSON'S DISEASE**
[54] **METHODE DE SEPARATION DE CELLULES NEURONALES DOPAMINERGIQUES ET COMPOSITION PHARMACEUTIQUE RENFERMANT DES CELLULES NEURONALES DOPAMINERGIQUES DESTINEE AU TRAITEMENT DE LA MALADIE DE PARKINSON**
[72] KIM, DONG-WOOK, KR
[72] YOO, JEONG-EUN, KR
[72] LEE, DONGJIN, KR
[72] PARK, SANGHYUN, KR
[72] KIM, JONGWAN, KR
[72] CHO, MYUNG SOO, KR
[71] S-BIOMEDICS, KR
[85] 2019-10-01
[86] 2019-04-26 (PCT/KR2019/005058)
[87] (3057166)
[30] KR (10-2018-0050918) 2018-05-02
[30] KR (10-2019-0048784) 2019-04-25

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[13] A1
[51] **Int.Cl. G01S 19/23 (2010.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR IMPROVED GNSS LOCATION DETECTION**
[54] **METHODE ET APPAREIL DE DETECTION D'EMPLACEMENT GNSS AMELIOREE**
[72] PURK, THOMAS, US
[72] BLITZSTEIN, STEVEN, US
[71] GAS TECHNOLOGY INSTITUTE, US
[85] 2019-10-04
[86] 2019-03-13 (PCT/US2019/022069)
[87] (3057651)
[30] US (62/651,767) 2018-04-03
[30] US (16/212,975) 2018-12-07

[21] **3,058,824**
[13] A1
[51] **Int.Cl. B01J 8/06 (2006.01) B01J 19/24 (2006.01) C10G 9/36 (2006.01) F28D 7/00 (2006.01) F28D 7/06 (2006.01) F28D 7/16 (2006.01) F28F 1/40 (2006.01)**
[25] EN
[54] **PIPE AND DEVICE FOR THERMALLY CLEAVING HYDROCARBONS**
[54] **TUYAU ET DISPOSITIF POUR REALISER UNE FISSION THERMIQUE D'HYDROCARBURES**
[72] JAKOBI, DIETLINDE, DE
[72] HEYLAND, STEFFEN ALEXANDER, DE
[72] WEIGANDT, JORG DIETMAR, DE
[71] SCHMIDT + CLEMENS GMBH + CO. KG, DE
[85] 2019-10-02
[86] 2018-04-04 (PCT/EP2018/058615)
[87] (WO2018/185167)
[30] DE (10 2017 003 409.5) 2017-04-07
[30] EP (17000601.9) 2017-04-07

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[13] A1
[51] **Int.Cl. B05B 9/04 (2006.01) B05B 17/00 (2006.01) B05B 17/04 (2006.01)**
[25] EN
[54] **HIGH FREQUENCY UNIFORM DROPLET MAKER AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE FORMATION DE GOUTTELETTES UNIFORMES HAUTE FREQUENCE**
[72] REDJDAL, MAKHLOUF, US
[72] HADIDI, KAMAL, US
[72] WROBEL, GREGORY, US
[72] JORDAN, ERIC, US
[71] AMASTAN TECHNOLOGIES LLC, US
[71] UNIVERSITY OF CONNECTICUT, US
[85] 2019-10-04
[86] 2017-04-12 (PCT/US2017/027165)
[87] (WO2017/180719)
[30] US (15/097,493) 2016-04-13

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[13] A1
[51] **Int.Cl. B01D 53/50 (2006.01) B01D 53/64 (2006.01) B01D 53/74 (2006.01) B01D 53/75 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR POST COMBUSTION MERCURY CONTROL USING SORBENT INJECTION AND WET SCRUBBING**
[54] **SYSTEMES ET PROCEDES POUR LE CONTROLE DE MERCURE DE POST COMBUSTION A L'AIDE D'INJECTION DE SORBANT ET DE LAVAGE HYDRAULIQUE**
[72] MAZYCK, DAVID W., US
[72] RODRIGUEZ, REGINA, US
[72] VALCARCE, CHRISTINE O., US
[71] CARBONXT, INC., US
[85] 2019-10-04
[86] 2017-11-01 (PCT/US2017/059606)
[87] (WO2018/186909)
[30] US (62/481,916) 2017-04-05

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[13] A1
[51] **Int.Cl. A43B 7/14 (2006.01)**
[25] EN
[54] **INSOLE FOR RELIEVING PLANTAR FASCIITIS PAIN**
[54] **SEMELLE INTERIEURE POUR SOULAGER LA DOULEUR DE LA FASCIITE PLANTAIRE**
[72] YANG, PHILIP, US
[72] AVENT, RICHARD, US
[71] BAYER HEALTHCARE LLC, US
[85] 2019-10-04
[86] 2017-12-07 (PCT/US2017/064994)
[87] (WO2018/186914)
[30] US (62/483,135) 2017-04-07

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[13] A1
[51] **Int.Cl. C08F 265/02 (2006.01) C09D 7/46 (2018.01) C09D 5/02 (2006.01) C09D 133/00 (2006.01) C09D 151/00 (2006.01)**
[25] EN
[54] **COATINGS FORMULATION WITH OPEN TIME ADDITIVE**
[54] **FORMULATION POUR REVETEMENTS COMPRENANT UN ADDITIF A DELAI DE COLLAGE**
[72] BARDMAN, JAMES KEITH, US
[72] DEROCHER, JONATHAN, US
[72] HEJL, ANDREW, US
[72] VANDYK, ANTHONY K., US
[72] WANG, LIN, US
[72] YEUNG, KIMY, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2019-10-04
[86] 2018-02-26 (PCT/US2018/019680)
[87] (WO2018/186946)
[30] US (62/482,347) 2017-04-06

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[13] A1
[51] **Int.Cl. A47J 43/046 (2006.01) A47J 43/07 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRESSURE CONTROL IN AUTOMATED BLENDING DEVICES**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE PRESSION DANS DES DISPOSITIFS DE MELANGE AUTOMATISES**
[72] VU, MY, US
[72] PINEDA, ELVINE, US
[72] UDOMPHOL, MATTHEW, US
[71] NORTH AMERICAN ROBOTICS CORPORATION, US
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[54] **ASYMMETRIC POLYVINYLIDINE CHLORIDE MEMBRANES AND CARBON MOLECULAR SIEVE MEMBRANES MADE THEREFROM**
[54] **MEMBRANES ASYMETRIQUES DE CHLORURE DE POLYVINYLIDENE ET MEMBRANES A TAMIS MOLECULAIRE EN CARBONE FABRIQUEES A PARTIR DE CELLES-CI**
[72] LIU, JUNQIANG, US
[72] XU, LIREN, US
[72] WOLFORD, TROY D., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **SYSTEMS AND METHODS FOR MANAGING CHRONIC DISEASE USING ANALYTE AND PATIENT DATA**
[54] **SYSTEMES ET PROCEDES DE GESTION DE MALADIE CHRONIQUE A L'AIDE DE DONNEES D'ANALYTE ET DE PATIENT**
[72] ANDERSON, EMORY V., III, US
[72] GAFFNEY, ROBIN SUSANNE, US
[72] TOMASCO, MICHAEL F., US
[72] ESCUTIA, RAUL, US
[72] REYNOLDS, PAUL D., US
[71] INTUITY MEDICAL, INC., US
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[54] **DISTRIBUTED NETWORK FOR THE SECURED COLLECTION, ANALYSIS, AND SHARING OF DATA ACROSS PLATFORMS**
[54] **RESEAU DISTRIBUE POUR LA COLLECTE, L'ANALYSE ET LE PARTAGE SECURISES DE DONNEES SUR DES PLATEFORMES**
[72] JOOSTE, H. LEROUX, US
[72] GAVIN, MAE-ELLEN, US
[72] ZIBELL, KRISTIN, US
[72] OMERNICK, MATTHEW, US
[72] STEINMETZ, JEFFREY, US
[71] AKILI INTERACTIVE LABS, INC., US
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[54] **HYBRID APPROACH TO APPROXIMATE STRING MATCHING USING MACHINE LEARNING**
[54] **APPROCHE HYBRIDE PERMETTANT D'ESTIMER UN APPARIEMENT DE CHAINES A L'AIDE D'UN APPRENTISSAGE AUTOMATIQUE**
[72] SINGH, PRANJAL, IN
[72] BANERJEE, SOUMYAJYOTI, IN
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[54] **COMPOSITION FOR TREATMENT AND/OR PREVENTION OF ALZHEIMER'S DISEASE**
[54] **COMPOSITION DE TRAITEMENT ET/OU DE PREVENTION DE LA MALADIE D'ALZHEIMER**
[72] ASOU, HIROAKI, JP
[72] MURASE, HIROAKI, JP
[71] GLOVIA COMPANY LIMITED, JP
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[54] **MACHINE DE FABRICATION DE SACS**
[72] TOTANI, MIKIO, JP
[71] TOTANI CORPORATION, JP
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[54] **COMPOSITION DURCISSABLE A USAGE DENTAIRE ET SON PROCEDE DE PRODUCTION**
[72] MORISAKI, HIROSHI, JP
[72] AKIZUMI, HIRONOBU, JP
[71] TOKUYAMA DENTAL CORPORATION, JP
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[54] **COMPOSITION DURCISSABLE**
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[72] AKIZUMI, HIRONOBU, JP
[71] TOKUYAMA DENTAL CORPORATION, JP
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[54] **KIT, DEVICE, AND METHOD FOR DETECTING OVARIAN TUMOR**
[54] **KIT, DISPOSITIF ET PROCEDE DE DETECTION D'UNE TUMEUR OVARIENNE**
[72] KIDA YUHO, JP
[72] KOZONO SATOKO, JP
[72] SUDO HIROKO, JP
[72] KONDOU SATOSHI, JP
[72] KAWAUCHI JUNPEI, JP
[72] NOBUMASA HITOSHI, JP
[72] OCHIYA TAKAHIRO, JP
[72] KATO TOMOYASU, JP
[71] TORAY INDUSTRIES, INC., JP
[71] NATIONAL CANCER CENTER, JP
[85] 2019-10-08
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[54] **CRISTAL D'UN DERIVE D'ACETAMIDE D'HETEROCYCLIDENE**
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[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP
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[54] **SYSTEME DE GONFLAGE DE PNEU BASE SUR LA CHARGE DESTINE AUX VEHICULES UTILITAIRES LOURDS**
[72] WILSON, MATT J., US
[72] CERVANTEZ, JESSE W., US
[72] ZAWACKI, JEFF R., US
[71] HENDRICKSON USA, L.L.C., US
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[54] **SUPPORT POUR APPAREILS DE COMMUNICATION MOBILES ET APPAREIL DE COMMUNICATION MOBILE A FONCTION DE LOUPE OPTIQUE**
[72] OLLENDORF, HANS-JOACHIM, DE
[71] OLLENDORF, HANS-JOACHIM, DE
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[54] **EMETTEUR, RECEPTEUR ET PROCEDES ASSOCIES**
[72] KNEISSL, JAKOB, DE
[72] KILIAN, GERD, DE
[72] BERNHARD, JOSEF, DE
[72] ROBERT, JORG, DE
[72] WECHSLER, JOHANNES, DE
[72] SOLLER, DOMINIK, DE
[72] KOCH, WOLFGANG, DE
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[54] **ADHESIF OPTIQUE POUR VERRE ET POLYCARBONATE**
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[71] ESSILOR INTERNATIONAL, FR
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[54] **BOUCHON POUR BOUTEILLE DE BOISSON OU RECIPIENT SIMILAIRE**
[72] GARCIA ALBEROLA, JOSE MARIA, ES
[71] MANUFACTURAS INPLAST, S.A., ES
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[54] **DISPOSITIFS D'INTENSIFICATION DE LA LUMIERE DANS DES CIRCUITS OPTIQUES ENTRE DES GUIDES D'ONDES EPAIS ET MINCES**
[72] CHERCHI, MATTEO, FI
[72] AALTO, TIMO, FI
[72] ARPIAINEN, SANNA, FI
[71] TEKNOLOGIAN TUTKIMUSKESKUS VTT OY, FI
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[54] **A METHOD FOR TRANSMITTING A DATA SET FROM AN OPERATING DEVICE TO A DRINKS PREPARATION MACHINE**
[54] **PROCEDE POUR LA COMMUNICATION D'UN JEU DE DONNEES D'UN APPAREIL DE COMMANDE A UNE MACHINE DE PREPARATION DE BOISSONS**
[72] FRANKE, DOMINIK, CH
[71] TCHIBO GMBH, DE
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[54] **MODELES ANIMAUX ET MOLECULES THERAPEUTIQUES**
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[72] BRADLEY, ALLAN, GB
[71] GENOME RESEARCH LIMITED, GB
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[54] **PROCEDE POUR TRAVERSANTS DE PART EN PART DE COUPE-FEU**
[72] ANDRESEN, ARNDT, US
[72] MORDAU, ULF, DE
[72] SARG, TAMARA, US
[72] ACKERMAN, LUCAS, US
[72] VAN DEN BERG, LISA, US
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[54] **PROCEDE DE FABRICATION DE LA FORME ALPHA DE VORTIOXETINE HBR**
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[71] H. LUNDBECK A/S, DK
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[54] **BLOC DE CONSTRUCTION A EMBOITEMENT**
[72] REY FARIAS, FERNANDO, UY
[71] REY FARIAS, FERNANDO, UY
[71] GRUNDLAND FARACE, EDUARDO ALBERTO, UY
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[54] **CONJUGUES DE PYRROLOBENZODIAZEPINE**
[72] HOWARD, PHILIP WILSON, GB
[72] GREGSON, STEPHEN JOHN, GB
[71] MEDIMMUNE LIMITED, GB
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[54] **HETEROCYCLIC P2X7 ANTAGONISTS**
[54] **ANTAGONISTES HETEROCYCLIQUES DE P2X7**
[72] PEVARELLO, PAOLO, IT
[72] SODANO, MARIANGELA, IT
[72] SEVERI, ELDA, IT
[72] VITALONE, ROCCO, IT
[72] THOMAS, RUSSELL, IT
[72] CUSANO, VALENTINA, IT
[71] AXXAM S.P.A., IT
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[54] **COMPOSITION DE MATERIAU DE SUPPORT POUR CATALYSEUR DE PIEGE A NOX**
[72] SCHONEBORN, MARCOS, DE
[72] NIEMEYER, DIRK, DE
[72] HARMENING, THOMAS, DE
[72] FIBIKAR, SANDRA, DE
[71] SASOL GERMANY GMBH, DE
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[54] **THERAPIE PAR PRESSION EXPIRATOIRE POSITIVE OSCILLANTE COMBINEE ET DISPOSITIF DE SIMULATION DE TOUX SOUFFLEE ("HUFF COUGH")**
[72] COSTELLA, STEPHEN, CA
[71] TRUDELL MEDICAL INTERNATIONAL, CA
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[54] **REVETEMENTS POLYMERES POUR DISPOSITIFS DE BRACHYTHERAPIE**
[72] KELSON, ITZHAK, IL
[72] KEISARI, YONA, IL
[72] SCHMIDT, MICHAEL, IL
[72] BERKOWITZ, AVIA, IL
[71] ALPHA TAU MEDICAL LTD., IL
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[54] **MACHINE A LAVER ET SON PROCEDE DE COMMANDE**
[72] CHO, SUNG-JIN, KR
[72] KIM, DO-YEON, KR
[72] KIM, SUK BAE, KR
[72] JUN, JI EUN, KR
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[54] **DISPOSITIFS ET PROCEDES POUR FAVORISER LA PRODUCTION D'EMBRYONS FEMELLES DANS DES □UFS**
[72] HAJ' NASHAT, MOHAMAD, IL
[71] N.R SOOS TECHNOLOGY LTD., IL
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[54] **DISPOSITIF DE TRANSMISSION DE PUISSANCE A COURROIE A DENTURE HELICOIDALE**
[72] SUZUKI, NORIHITO, JP
[72] YOSHIDA, MASAKUNI, JP
[72] IDEGUCHI, ISAO, JP
[71] MITSUBOSHI BELTING LTD., JP
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[87] (WO2018/198657)
[30] JP (2017-088566) 2017-04-27
[30] JP (2018-037197) 2018-03-02

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[51] **Int.Cl. A61K 8/81 (2006.01) A61K 8/02 (2006.01) A61K 8/34 (2006.01) A61K 8/35 (2006.01) A61K 8/87 (2006.01) A61Q 1/00 (2006.01) A61Q 1/02 (2006.01) A61Q 1/12 (2006.01) A61Q 17/04 (2006.01) A61Q 19/00 (2006.01) B05D 1/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING COSMETIC COATING**
[54] **METHODE DE PRODUCTION D'UN FILM COSMETIQUE**
[72] ITO, MOTOAKI, JP
[72] ASAMI, NOBUYUKI, JP
[71] KAO CORPORATION, JP
[85] 2019-10-09
[86] 2018-04-18 (PCT/JP2018/015977)
[87] (WO2018/194083)
[30] JP (2017-082072) 2017-04-18

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[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTIBODIES HAVING CONDITIONAL AFFINITY AND METHODS OF USE THEREOF**
[54] **ANTICORPS AYANT UNE AFFINITE CONDITIONNELLE ET LEURS PROCEDES D'UTILISATION**
[72] BOLDAJIPOUR, BIJAN ANDRE, US
[72] CHAPARRO RIGGERS, JAVIER FERNANDO, US
[72] DENG, XIAODI, US
[72] LINDQUIST, KEVIN CHARLES, US
[72] PARK, SPENCER, US
[72] PASCUA, EDWARD DERRICK, US
[72] VAN BLARCOM, THOMAS JOHN, US
[71] PFIZER INC., US
[85] 2019-10-09
[86] 2018-03-29 (PCT/IB2018/052199)
[87] (WO2018/189611)
[30] US (62/484,776) 2017-04-12
[30] US (62/637,077) 2018-03-01

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[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/5377 (2006.01)**
[25] EN
[54] **SALT OF AN AMINOPYRIDINE DERIVATIVE COMPOUND, A CRYSTALLINE FORM THEREOF, AND A PROCESS FOR PREPARING THE SAME**
[54] **SEL D'UN COMPOSE DERIVE D'AMINOPYRIDINE, FORME CRISTALLINE DE CELUI-CI, ET SON PROCEDE DE PREPARATION**
[72] OH, SANG HO, KR
[72] KIM, JONG GYUN, KR
[72] OH, SE-WOONG, KR
[72] HAN, TAE DONG, KR
[72] CHUNG, SOO YONG, KR
[72] LEE, SEONG RAN, KR
[72] KIM, KYEONG BAE, KR
[72] LEE, YOUNG SUNG, KR
[72] SHIN, WOO SEOB, KR
[72] JU, HYUN, KR
[72] KANG, JEONG KI, KR
[72] PARK, SU MIN, KR
[72] KIM, DONG KYUN, KR
[71] YUHAN CORPORATION, KR
[85] 2019-10-09
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[30] KR (10-2017-0051687) 2017-04-21

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[25] EN
[54] **PEPTIDE FOR INDUCING REGENERATION OF TISSUE, AND USE THEREOF**
[54] **PEPTIDE PERMETTANT D'INDUIRE LA REGENERATION D'UN TISSU ET UTILISATION ASSOCIEE**
[72] NIHASHI, YOICHIRO, JP
[72] KAWACHI, TOMOYUKI, JP
[72] YAMATSU, YUKIKO, JP
[72] FUMOTO, MASATAKA, JP
[72] YAMAZAKI, TAKEHIKO, JP
[71] SHIONOGI & CO., LTD., JP
[71] STEMRIM INC., JP
[85] 2019-10-09
[86] 2018-04-24 (PCT/JP2018/016654)
[87] (WO2018/199107)
[30] JP (2017-085793) 2017-04-25

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[51] **Int.Cl. C07F 13/00 (2006.01) A61K 35/04 (2006.01) A61K 51/04 (2006.01)**
[25] EN
[54] **99MTC-EDDA/HYNIC-IPSMA AS A RADIOPHARMACEUTICAL FOR DETECTING THE OVEREXPRESSION OF PROSTATE-SPECIFIC MEMBRANE ANTIGEN**
[54] **99MTC-EDDA/HYNIC-IPSMA A UTILISER EN TANT QUE RADIOPHARMACEUTIQUE POUR DETECTER LA SUREXPRESSION DE L'ANTIGENE MEMBRANAIRE SPECIFIQUE DE LA PROSTATE**
[72] FERRO FLORES, GUILLERMINA, MX
[72] OCAMPO GARCIA, BLANCA ELI, MX
[72] SANTOS CUEVAS, CLARA LETICIA, MX
[72] LUNA GUTIERREZ, MYRNA ALEJANDRA, MX
[72] AZORIN VEGA, ERIKA PATRICIA, MX
[72] JIMENEZ MANCILLA, NALLELY PATRICIA, MX
[71] INSTITUTO NACIONAL DE INVESTIGACIONES NUCLEARES, MX
[85] 2019-10-09
[86] 2017-06-21 (PCT/MX2017/000068)
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[30] MX (MX/a/2016/008466) 2016-06-24

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[25] EN
[54] **A BUILDING**
[54] **BATIMENT**
[72] BREE, CHARLES, NZ
[71] BREE, CHARLES, NZ
[85] 2019-10-09
[86] 2018-04-20 (PCT/NZ2018/050055)
[87] (WO2018/194465)
[30] NZ (726867) 2017-04-20

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[51] **Int.Cl. E04C 1/40 (2006.01) B28B 11/00 (2006.01) B32B 3/08 (2006.01) B65G 47/00 (2006.01)**
[25] EN
[54] **MULTILAYER STRUCTURAL ELEMENT, METHOD AND PRODUCTION LINE FOR PRODUCTION THEREOF**
[54] **ELEMENT DE CONSTRUCTION MULTICOUCHES, PROCEDE ET CHAINE INDUSTRIELLE POUR SA PRODUCTION**
[72] MAKHALIN, ALEXEI IGOREVICH, RU
[71] MAKHALIN, ALEXEI IGOREVICH, RU
[85] 2019-10-09
[86] 2018-03-23 (PCT/RU2018/000183)
[87] (WO2018/190752)
[30] RU (2017112072) 2017-04-10

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[51] **Int.Cl. B01D 53/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND PROCESSES FOR REMOVING HYDROGEN SULFIDE FROM GAS STREAMS**
[54] **SYSTEMES ET PROCEDES D'ELIMINATION DE SULFURE D'HYDROGENE A PARTIR DE FLUX GAZEUX**
[72] MENGEL, MICHAEL LYN, US
[72] EVANS, AMY PATRICE, US
[72] GAL, ELI, US
[72] LEICHT, PAUL MURRAY, US
[71] MARSULEX ENVIRONMENTAL TECHNOLOGIES CORPORATION, US
[85] 2019-10-09
[86] 2017-04-19 (PCT/US2017/028322)
[87] (WO2018/190886)
[30] US (15/486,553) 2017-04-13

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[51] **Int.Cl. C07C 5/32 (2006.01) B01J 29/44 (2006.01) B01J 29/90 (2006.01) B01J 37/00 (2006.01) C07C 13/15 (2006.01)**
[25] EN
[54] **PROCESSES AND SYSTEMS FOR THE CONVERSION OF ACYCLIC HYDROCARBONS**
[54] **PROCEDES ET SYSTEMES POUR LA CONVERSION D'HYDROCARBURES ACYCLIQUES**
[72] SANGAR, NEERAJ, US
[72] IACCINO, LARRY L., US
[72] BECKER, CHRISTOPHER L., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2019-10-09
[86] 2018-02-09 (PCT/US2018/017562)
[87] (WO2018/203950)
[30] US (62/500,898) 2017-05-03
[30] EP (17181734.9) 2017-07-17

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[13] A1
[51] **Int.Cl. B64G 1/52 (2006.01) B64G 1/64 (2006.01) B64G 1/10 (2006.01)**
[25] EN
[54] **ELECTROSTATIC DISCHARGE MITIGATION FOR A FIRST SPACECRAFT OPERATING IN PROXIMITY TO A SECOND SPACECRAFT AND RELATED METHODS**
[54] **ATTENUATION DE DECHARGE ELECTROSTATIQUE POUR UN PREMIER ENGIN SPATIAL FONCTIONNANT A PROXIMITE D'UN SECOND ENGIN SPATIAL ET PROCEDES ASSOCIES**
[72] AGATHON-BURTON, CHRISTINA, US
[72] MICHEL, MATTHEW ALAN, US
[72] COCHRAN, DEWEY EDWIN, US
[72] GRAHAM, RONALD LYNN, US
[72] HERBERT, GREGG A., US
[72] LLORENS, WILLIAM A., US
[71] NORTHROP GRUMMAN INNOVATION SYSTEMS, INC., US
[85] 2019-10-09
[86] 2018-02-12 (PCT/US2018/017852)
[87] (WO2018/190943)
[30] US (62/484,969) 2017-04-13
[30] US (15/829,758) 2017-12-01

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[13] A1
[51] **Int.Cl. G16H 20/00 (2018.01) G16H 50/20 (2018.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DECISION-MAKING FOR DETERMINING INITIATION AND TYPE OF TREATMENT FOR PATIENTS WITH A PROGRESSIVE ILLNESS**
[54] **SYSTEME ET PROCEDE DE PRISE DE DECISION POUR DETERMINER L'ADOPTION D'UN TRAITEMENT ET SON TYPE POUR DES PATIENTS SOUFFRANT D'UNE MALADIE PROGRESSIVE**
[72] GOLDBERG, STUART, US
[72] PECORA, ANDREW, US
[71] COTA, INC., US
[85] 2019-10-09
[86] 2018-03-23 (PCT/US2018/024143)
[87] (WO2018/191001)
[30] US (15/483,492) 2017-04-10
[30] US (15/483,491) 2017-04-10

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[13] A1
[51] **Int.Cl. C12Q 1/6804 (2018.01) C12Q 1/6869 (2018.01)**
[25] EN
[54] **SAMPLE INDEXING FOR SINGLE CELLS**
[54] **INDEXATION D'ECHANTILLON POUR DES CELLULES UNIQUES**
[72] CHANG, CHRISTINA, US
[72] FAN, CHRISTINA, US
[72] SHUM, ELEEN, US
[72] MARTIN, JODY, US
[72] BANSAL, NIDHANJALI, US
[72] GHADIALI, JAMES, US
[72] LAZARUK, KATHERINE, US
[72] LAM, GRETCHEN YINBON, US
[71] BECTON. DICKINSON AND COMPANY, US
[85] 2019-10-09
[86] 2018-03-27 (PCT/US2018/024602)
[87] (WO2018/226293)
[30] US (62/515,285) 2017-06-05
[30] US (62/532,905) 2017-07-14
[30] US (62/532,949) 2017-07-14
[30] US (62/532,971) 2017-07-14
[30] US (62/554,425) 2017-09-05
[30] US (62/578,957) 2017-10-30
[30] US (62/645,703) 2018-03-20

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[13] A1
[51] **Int.Cl. C08G 65/331 (2006.01) C09D 7/43 (2018.01)**
[25] EN
[54] **ICI THICKENER COMPOSITION AND USES**
[54] **COMPOSITION D'AGENT EPAISSISSANT ICI ET SES UTILISATIONS**
[72] NICOSIA, CARLO, NL
[72] MANGNUS, EDUARDUS MARIA, NL
[72] SMITH, KENNETH F., US
[71] ELEMENTIS SPECIALTIES, INC., US
[85] 2019-10-09
[86] 2018-03-29 (PCT/US2018/025171)
[87] (WO2018/208383)
[30] US (62/504,625) 2017-05-11

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[13] A1
[51] **Int.Cl. C08J 5/00 (2006.01) C08L 23/16 (2006.01)**
[25] EN
[54] **PROMOTED MEMBRANE FOR SINGLE-PLY ROOFING**
[54] **MEMBRANE POUR COUVERTURE MONOCOUCHE CONTENANT UN PROMOTEUR D'ADHERENCE**
[72] KAPLAN, WARREN, A., US
[72] WOLEK, SARAH, US
[72] HEISHMAN, MIKE, US
[72] SCHNEIDER, WILLIAM, J., US
[71] STEPAN COMPANY, US
[71] CARLISLE INTANGIBLE COMPANY, US
[85] 2019-10-09
[86] 2018-04-04 (PCT/US2018/026075)
[87] (WO2018/191075)
[30] US (62/483,528) 2017-04-10

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[13] A1
[51] **Int.Cl. A61K 31/454 (2006.01) A61K 31/573 (2006.01) A61K 31/58 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY FOR PROSTATE CANCER**
[54] **POLYTHERAPIE CONTRE LE CANCER DE LA PROSTATE**
[72] SNYDER, LINDA ANNE, US
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2019-10-09
[86] 2018-04-09 (PCT/US2018/026661)
[87] (WO2018/191141)
[30] US (62/485,164) 2017-04-13

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[13] A1
[51] **Int.Cl. F21V 5/00 (2018.01) F21V 7/00 (2006.01)**
[25] EN
[54] **HYBRID LENS FOR CONTROLLED BACKLIGHT DISTRIBUTION**
[54] **LENTILLE HYBRIDE POUR DISTRIBUTION DE RETROECLAIRAGE COMMANDEE**
[72] TARSA, ERIC, US
[72] WILCOX, KURT, US
[72] HOU, BIN, US
[72] LOWES, TED, US
[71] IDEAL INDUSTRIES LIGHTING LLC, US
[85] 2019-10-09
[86] 2018-04-09 (PCT/US2018/026710)
[87] (WO2018/191168)
[30] US (15/483,096) 2017-04-10

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[13] A1
[51] **Int.Cl. H04N 7/173 (2011.01) H04N 7/025 (2006.01) H04N 7/16 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SYNCHRONIZING APPLICATIONS' CONSUMPTION OF REMOTE DATA**
[54] **PROCEDE ET APPAREIL PERMETTANT DE SYNCHRONISER LA CONSOMMATION DE DONNEES A DISTANCE PAR DES APPLICATIONS**
[72] BIRRER, STEFAN, US
[72] BUSTAMANTE, FABIAN, US
[72] WEINER, ANDREW JOSEPH, US
[71] PHENIX REAL TIME SOLUTIONS, INC., US
[85] 2019-10-09
[86] 2018-04-09 (PCT/US2018/026756)
[87] (WO2018/200184)
[30] US (62/489,264) 2017-04-24

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[13] A1
[51] **Int.Cl. A61M 5/31 (2006.01)**
[25] EN
[54] **INSULIN-ON-BOARD ACCOUNTING IN AN ARTIFICIAL PANCREAS SYSTEM**
[54] **COMPTABILITE DE L'INSULINE EMBARQUEE DANS UN SYSTEME DE PANCREAS ARTIFICIEL**
[72] FINAN, DANIEL, US
[72] VERESHCHETIN, PAVEL, US
[71] LIFESCAN IP HOLDINGS, LLC, US
[85] 2019-10-09
[86] 2018-04-05 (PCT/US2018/026206)
[87] (WO2018/187539)
[30] US (15/481,514) 2017-04-07

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[13] A1
[51] **Int.Cl. A47C 21/04 (2006.01)**
[25] EN
[54] **NEGATIVE PRESSURE MATTRESS SYSTEM**
[54] **SYSTEME DE MATELAS A PRESSION NEGATIVE**
[72] ALLETTO, EUGENE, JR., US
[71] BEDGEAR, LLC, US
[85] 2019-10-09
[86] 2018-04-10 (PCT/US2018/026845)
[87] (WO2018/191236)
[30] US (62/483,624) 2017-04-10
[30] US (15/949,412) 2018-04-10

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[13] A1
[51] **Int.Cl. F17C 5/00 (2006.01) B67D 7/02 (2010.01) B67D 7/32 (2010.01) F17C 5/06 (2006.01) F17C 13/02 (2006.01)**
[25] EN
[54] **METHOD TO CERTIFY REUSE OF PRESSURIZED VESSELS**
[54] **PROCEDE POUR CERTIFIER LA REUTILISATION DE RECIPIENTS SOUS PRESSION**
[72] LEVENSTEIN, LAWRENCE M., US
[72] WILLIAMS, ERIC A., US
[71] CH&I TECHNOLOGIES, INC., US
[85] 2019-10-09
[86] 2018-04-10 (PCT/US2018/026861)
[87] (WO2018/191249)
[30] US (62/484,210) 2017-04-11
[30] US (15/948,170) 2018-04-09

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[13] A1
[51] **Int.Cl. H02M 3/00 (2006.01)**
[25] EN
[54] **DC-DC CONVERTERS HAVING BULLET TERMINALS**
[54] **CONVERTISSEURS CC-CC AYANT DES BORNES A BALLE**
[72] STROUSE, TIMOTHY BROOKLYN, US
[72] SMITH, MICHAEL FRANCIS, US
[72] HIIDEL, PAUL BRIAN, US
[71] VERTIV ENERGY SYSTEMS, INC., US
[85] 2019-10-09
[86] 2018-04-10 (PCT/US2018/026905)
[87] (WO2018/191269)
[30] US (62/483,622) 2017-04-10

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[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61M 5/32 (2006.01) A61M 27/00 (2006.01) A61M 39/00 (2006.01) F16L 3/12 (2006.01)**
[25] EN
[54] **INTERLOCKING LOW PROFILE GRIPPING DEVICE**
[54] **DISPOSITIF DE PREHENSION A PROFIL BAS A VERROUILLAGE**
[72] HARDERS, JAMES ALAN, US
[72] STONE, SHAWN, US
[71] BIODERM, INC., US
[85] 2019-10-09
[86] 2018-04-10 (PCT/US2018/026909)
[87] (WO2018/191272)
[30] US (62/483,719) 2017-04-10
[30] US (15/658,254) 2017-07-24

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[13] A1
[51] **Int.Cl. C07D 403/10 (2006.01) A61K 31/165 (2006.01) A61K 31/4745 (2006.01) A61K 31/5377 (2006.01) A61K 31/7068 (2006.01) C07D 211/18 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **CHK1 (SRA737)/PARPI COMBINATION METHODS OF INHIBITING TUMOR GROWTH**
[54] **METHODES D'INHIBITION DE LA CROISSANCE TUMORALE PAR ASSOCIATION DE CHK1 (SRA737)/PARPI**
[72] HASSIG, CHRISTIAN ANDREW, US
[72] STROUSE, BRYAN WILLIAM, US
[72] HANSEN, RYAN JAMES, US
[72] ANDERES, KENNA LYNN, US
[71] SIERRA ONCOLOGY, INC., US
[85] 2019-10-09
[86] 2018-04-10 (PCT/US2018/026917)
[87] (WO2018/191277)
[30] US (62/483,888) 2017-04-10
[30] US (62/552,364) 2017-08-30
[30] US (62/614,268) 2018-01-05
[30] US (62/635,394) 2018-02-26
[30] US (62/650,185) 2018-03-29

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[13] A1
[51] **Int.Cl. A61K 35/30 (2015.01) A61K 35/545 (2015.01) A61P 25/00 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **PERSONALIZED 3D NEURAL CULTURE SYSTEM FOR GENERATING HUMAN OLIGODENDROCYTES AND STUDYING MYELINATION IN VITRO**
[54] **SYSTEME 3D PERSONNALISE DE CULTURE DE CELLULES NEURONALES PERMETTANT DE GENERER DES OLIGODENDROCYTES HUMAINS ET D'ETUDIER LA MYELINISATION IN VITRO**
[72] MARTON, REBECCA, US
[72] PASCA, SERGIU P., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2019-10-09
[86] 2018-04-13 (PCT/US2018/027552)
[87] (WO2018/191656)
[30] US (62/485,251) 2017-04-13

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[13] A1
[51] **Int.Cl. H01M 4/48 (2010.01) H01M 4/485 (2010.01) H01M 4/38 (2006.01)**
[25] EN
[54] **BATTERY WITH NOVEL COMPONENTS**
[54] **BATTERIE DOTEE DE NOUVEAUX ELEMENTS**
[72] JOHNSON, PAIGE L., US
[72] NEFF, JONATHAN G., US
[71] HHELI, LLC, US
[85] 2019-10-09
[86] 2018-04-10 (PCT/US2018/026939)
[87] (WO2018/191289)
[30] US (62/483,789) 2017-04-10
[30] US (62/507,655) 2017-05-17
[30] US (62/507,660) 2017-05-17

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[13] A1
[51] **Int.Cl. A61K 33/32 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION CANCER IMMUNOTHERAPY WITH PENTAAZA MACROCYCLIC RING COMPLEX**
[54] **POLY-IMMUNOTHERAPIE ANTICANCEREUSE BASEE SUR UN COMPLEXE DE TYPE CYCLE MACROCYCLIQUE PENTAAZA**
[72] BEARDSLEY, ROBERT A., US
[72] KEENE, JEFFERY L., US
[72] RILEY, DENNIA P., US
[71] GALERA LABS, LLC, US
[85] 2019-10-09
[86] 2018-04-13 (PCT/US2018/027588)
[87] (WO2018/191676)
[30] US (62/485,061) 2017-04-13
[30] US (62/572,377) 2017-10-13

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[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01)**
[25] EN
[54] **METHODS FOR ASSESSING CELL SURFACE GLYCOSYLATION**
[54] **PROCEDES D'EVALUATION DE LA GLYCOSYLATION DE SURFACE CELLULAIRE**
[72] KODAMA, PAUL KEN, US
[72] KOWSKI, TOM, US
[72] MUJACIC, MIRNA, US
[72] PRENTICE, KENNETH MAYO, US
[71] JUNO THERAPEUTICS, INC., US
[85] 2019-10-09
[86] 2018-04-13 (PCT/US2018/027666)
[87] (WO2018/191723)
[30] US (62/485,897) 2017-04-14
[30] US (62/515,515) 2017-06-05

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[13] A1
[51] **Int.Cl. B01J 23/06 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF DEUTERATED ETHANOL FROM D2O**
[54] **PROCEDE DE PREPARATION D'ETHANOL DEUTERE A PARTIR DE D2O**
[72] LEFORT, LAURENT, NL
[72] SCHMITKAMP, MIKE, DE
[71] DEUTERIA BEVERAGES, LLC, US
[85] 2019-10-09
[86] 2018-04-26 (PCT/US2018/029658)
[87] (WO2018/200881)
[30] US (62/491,185) 2017-04-27

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[13] A1
[51] **Int.Cl. A61B 17/08 (2006.01)**
[25] EN
[54] **HAIR GRASPING DEVICE**
[54] **DISPOSITIF DE PREHENSION DE CHEVEUX**
[72] BARTEL, KATHLEEN, US
[72] DIETZ, MADDIE, US
[72] ESQUIVEL, ALLYSSA, US
[72] PIPLANI, TRACY, US
[72] ROMANS, CHARLES E., US
[72] KRUPP, DAVID CARL, US
[71] 11:11, LLC, US
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[54] **GUIDES D'ONDES AYANT DES COUCHES REFLECHISSANTES FORMEES PAR DES MATERIAUX REFLECHISSANTS FLUIDIFIABLES**
[72] MENEZES, MARLON EDWARD, US
[72] SCHMULEN, JEFFREY DEAN, US
[72] RICKS, NEAL PAUL, US
[72] LIU, VICTOR KAI, US
[72] WANG, ZONGXING, US
[72] JURBERGS, DAVID CARL, US
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[54] **PROCEDES DE DEPOLYMERISATION DE LIGNINE A L'AIDE DE THIOLS**
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[72] JACKSON, JAMES EDWARD, US
[72] KLINGER, GRACE ELIZABETH, US
[71] BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY, US
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[54] **PROCEDES ET MICRO-ORGANISMES POUR LA FERMENTATION DE METHANE EN COMPOSES MULTI-CARBONES**
[72] ORTH, JEFFREY DAVID, US
[72] CLARK, LOUIS A., US
[72] CHAO, LILY YUIN, US
[72] TRINH, NA MY, US
[72] FARWELL, CHRISTOPHER CHENEY, US
[72] ZHAO, XINHUA, US
[72] SCHMALISCH, MATTHIAS HELMUT, US
[72] WAWRZYN, GRAYSON THOMAS, US
[72] LI, XUEZHI, US
[72] HELD, MARK ANTON, US
[72] DIETZEL, KEVIN LEE, US
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[54] **OPTIMISATION D'ENZYMOTHERAPIE DE REMPLACEMENT POUR LE TRAITEMENT DE L'HOMOCYSTINURIE**
[72] KRAUS, JAN P., US
[72] MAJTAN, TOMAS, US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
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[54] **CONJUGUE DE FACTEUR DE CROISSANCE INSULINE-LIKE - PRODUIT CHIMIOTHERAPEUTIQUE POUR LE TRAITEMENT DU SYNDROME MYELODYSPLASIQUE**
[72] MCTAVISH, HUGH, US
[72] DUDEK, ARKADIUSZ Z., US
[71] IGF ONCOLOGY, LLC, US
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[54] **APPAREIL DE STABILISATION DE DISPOSITIF MEDICAL ET PROCEDE D'UTILISATION**
[72] TYLER, GREGORY SCOTT, II, US
[72] TUASON, ARNOLD CRUZ, US
[72] TAYLOR, DAVID M., US
[72] WINSTON, MATTHEW T., US
[72] SIEGEL, ALEXANDER J., US
[72] GANGENESS, GRANT JASON, US
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[54] **DISPOSITIF D'INSERTION POUR CAPTEURS D'ANALYTE**
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[72] LYONS, BARRY, IE
[71] METRONOM HEALTH, INC., US
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[72] TANG, HUADONG, US
[72] TAN, HOCK S., US
[72] MAYERSOHN, MICHAEL, US
[71] GUANGZHOU DAZHOU BIOMEDICINE LTD., CN
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[54] **METHODS FOR AIDING IN DIAGNOSING AND EVALUATING A MILD TRAUMATIC BRAIN INJURY IN A HUMAN SUBJECT USING CARDIAC TROPONIN I AND EARLY BIOMARKERS**
[54] **PROCEDES D'AIDE AU DIAGNOSTIC ET A L'EVALUATION D'UNE LESION CEREBRALE TRAUMATIQUE LEGERE CHEZ UN SUJET HUMAIN AU MOYEN DE TROPONINE I CARDIAQUE ET DE BIOMARQUEURS PRECOCES**
[72] MCQUISTON, BETH, US
[72] KORLEY, FREDERICK, US
[72] BESHIRI, AGIM, US
[72] MARINO, JAIME, US
[72] DATWYLER, SAUL, US
[71] ABBOTT LABORATORIES, US
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[54] **COMPOSITIONS ALIMENTAIRES ANIMALES ET PROCEDES D'UTILISATION**
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[72] HORTON, LUCAS MICHAEL, US
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[54] **ROBOT A CORPS SOUPLE POUR MISSIONS DANS UN TUYAU**
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[72] YOUCEF-TOUMI, KAMAL, US
[72] DEMAY, SOLENE MARIE AMELIE, FR
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **PROCEDES D'AIDE AU DIAGNOSTIC ET A L'EVALUATION D'UNE LESION CEREBRALE TRAUMATIQUE LEGERE CHEZ UN PATIENT HUMAIN A L'AIDE DE TROPONINE CARDIAQUE I**
[72] MCQUISTON, BETH, US
[72] KORLEY, FREDERICK, US
[72] BESHIRI, AGIM, US
[72] MARINO, JAIME, US
[72] DATWYLER, SAUL, US
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[54] **SIGNALISATION DE QUASI-CO-LOCALISATION DE SOUS-BANDES CROISEES**
[72] JOHN WILSON, MAKESH PRAVIN, US
[72] LUO, TAO, US
[72] AKKARAKARAN, SONY, US
[72] MALIK, RAHUL, US
[72] CHAKRABORTY, KAUSHIK, US
[71] QUALCOMM INCORPORATED, US
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[54] **CELLULE ELECTROCHIMIQUE POUR LE TRAITEMENT DES EAUX USEES AVEC PROTECTION ELECTRIQUE AMELIOREE**
[72] WOOD, BRENDAN, CA
[72] KRASOVIC, JULIA LYNNE, CA
[71] AXINE WATER TECHNOLOGIES INC., CA
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[72] MANSELL, JOHN, US
[71] MANSELL, JOHN, US
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[54] **PLANT GROWTH MEDIA AND METHOD FOR MAKING SAME**
[54] **MILIEU DE CROISSANCE DE PLANTE ET PROCEDE DE FABRICATION DE CELUI-CI**
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[71] NANOLLOSE LIMITED, AU
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[54] **UTILISATION D'ANTAGONISTES DE KLK5 POUR LE TRAITEMENT D'UNE MALADIE**
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[72] IAEA, DAVID B., US
[72] ISMAILI, MOULAY HICHAM ALAOUI, US
[72] JACKMAN, JANET K., US
[72] LAZARUS, ROBERT A., US
[72] LOYET, KELLY, US
[72] MAUN, HENRY R., CH
[72] YASPAN, BRIAN L., US
[72] YI, TANGSHENG, US
[72] ARRON, JOSEPH R., US
[72] HERNANDEZ-BARRY, HILDA Y., US
[71] GENENTECH, INC., US
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[54] **MATERIAU DE POLYETHYLENE A POIDS MOLECULAIRE ULTRA-ELEVE (UHMWPE) COMPOSITE ET SON PROCEDE DE FABRICATION**
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[71] EPIC VENTURES INC., CA
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[54] **METHODE D'EXTRACTION DE LITHIUM**
[72] HAYNES, BRIAN, AU
[72] MANN, JASON, AU
[71] THE UNIVERSITY OF SYDNEY, AU
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[54] **APPARATUS FOR PROCESSING AN INPUT AUDIO SIGNAL AND CORRESPONDING METHOD**
[54] **APPAREIL DE TRAITEMENT D'UN SIGNAL AUDIO D'ENTREE ET PROCEDE CORRESPONDANT**
[72] MABANDE, EDWIN, DE
[72] KUECH, FABIAN, DE
[72] KRATSCHMER, MICHAEL, DE
[72] MEIER, MICHAEL, DE
[72] NEUGEBAUER, BERNHARD, DE
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[54] **EMETTEUR ET RECEPTEUR ET PROCEDES CORRESPONDANTS**
[72] KILIAN, GERD, DE
[72] BERNHARD, JOSEF, DE
[72] STRAUSS, WOLFRAM, DE
[72] KNEISSL, JAKOB, DE
[72] WECHSLER, JOHANNES, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **NOUVEL INHIBITEUR DE KINASE CDK9 DEPENDANT DE LA CYCLINE**
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[71] GENFLEET THERAPEUTICS (SHANGHAI) INC., CN
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[54] **PROCEDE ET APPAREIL DE DIFFUSION INTELLIGENTS**
[72] WANG, LINQING, CN
[72] ZHANG, HONG, CN
[72] YIN, HUANMI, CN
[72] ZHOU, LE, CN
[72] YAO, SIHAI, CN
[72] LIN, FENG, CN
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[54] **SYSTEME DE REGULATION D'ENVIRONNEMENT DOMESTIQUE ET PROCEDE DE COMMANDE BASE SUR UN MEUBLE COMPORTANT UN DISPOSITIF D'AFFICHAGE**
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[54] **PROCEDE ET DISPOSITIF DE CREATION DE COMPTE, DE REMPLISSAGE DE COMPTE ET DE SYNCHRONISATION DE DONNEES**
[72] ZHAI, FEN, CN
[72] GU, CHUNLEI, CN
[72] SHEN, LINGNAN, CN
[72] CHEN, GE, CN
[72] QI, JIE, CN
[72] JIN, HUIFENG, CN
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[71] ALIBABA GROUP HOLDING LIMITED, KY
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[54] **COMPOSITIONS DE REVETEMENT DESTINEES A AMELIORER L'ASPECT D'UNE PEINTURE BLANCHE MONOCHROME ET ARTICLES REVETUS DE CES COMPOSITIONS**
[72] SI, WEIJIE, CN
[72] LV, NAN, CN
[72] WANG, JINQIANG, CN
[71] PPG COATINGS (TIANJIN) CO., LTD., CN
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[54] **MENEAUX DE FENETRE ET MUR-RIDEAU, TRAVERSES ET SYSTEMES**
[72] FREDERICK, TODD, US
[71] FREMARQ INNOVATIONS, INC., US
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[54] **PROCEDE ET DISPOSITIF DE MISE A JOUR DE PAGE**
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[71] ALIBABA GROUP HOLDING LIMITED, KY
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[54] **CARBAZOLE COMPOUNDS AND METHODS OF USE THEREOF**
[54] **COMPOSES CARBAZOLE ET LEURS PROCEDES D'UTILISATION**
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[72] BRADLEY, MATTHEWS O., US
[71] SAJE PHARMA, LLC, US
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[54] **FIRE RETARDANT COMPOSITE**
[54] **COMPOSITE IGNIFUGE**
[72] DE VERCLOS, OLIVIER, CH
[72] FRASER, JOHN, GB
[71] HUNTSMAN ADVANCED MATERIALS LICENSING (SWITZERLAND) GMBH, CH
[85] 2019-10-09
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[54] **COMBINATORIAL CANCER IMMUNOTHERAPY**
[54] **IMMUNOTHERAPIE ANTICANCEREUSE COMBINATOIRE**
[72] LU, TIMOTHY KUAN-TA, US
[72] GORDLEY, RUSSELL MORRISON, US
[72] LIN, JACK TZU-CHIAO, US
[72] GARRISON, BRIAN SCOTT, US
[72] LEE, PHILIP JANMIN, US
[72] GONZALEZ-JUNCA, ALBA, US
[72] WANG, DON-HONG, US
[71] SENTI BIOSCIENCES, INC., US
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[54] **ROADWAY SWEEPER WITH MULTIPLE SWEEPING MODES**
[54] **BALAYEUSE DE CHAUSSEE A MULTIPLES MODES DE BALAYAGE**
[72] GLUBRECHT, DALE D., US
[72] GILES, BRIAN, US
[72] CRUNK, FELIX W., III, US
[72] SCHRIMSHER, RONALD J., US
[72] HOWLEY, SEAN H., US
[72] BERKE, JARED N., US
[72] MADDERRA, JOHN D., US
[71] SCHWARZE INDUSTRIES, INC., US
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[54] **SPECIFIC HOPPING PATTERNS FOR TELEGRAM SPLITTING**
[54] **MODELES DE SAUT SPECIFIQUES POUR SEGMENTATION DE TELEGRAMMES**
[72] WECHSLER, JOHANNES, DE
[72] KILIAN, GERD, DE
[72] BERNHARD, JOSEF, DE
[72] SOLLER, DOMINIK, DE
[72] KNEISSL, JAKOB, DE
[72] JARRESCH, ALEXEJ, DE
[72] MEYER, RAIMUND, DE
[72] OBERNOSTERER, FRANK, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[25] EN
[54] **METHOD FOR A TWO-STAGE AUTHORIZATION OF A CHARGING OPERATION AT A CHARGING STATION**
[54] **PROCEDE PERMETTANT D'AUTORISER EN DEUX ETAPES UNE OPERATION DE CHARGE AU NIVEAU D'UNE COLONNE DE CHARGE**
[72] BODE, SEBASTIAN, DE
[71] ECOG GMBH, DE
[85] 2019-10-10
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[25] EN
[54] **METHOD FOR CONTROLLING A CHARGING OPERATION OF A VEHICLE AT A CHARGING STATION**
[54] **PROCEDE POUR COMMANDER UN PROCESSUS DE CHARGE D'UN VEHICULE A UNE BORNE DE CHARGE, AU MOYEN DE PREMIERES ET DE DEUXIEMES DONNEES D'IDENTIFICATION**
[72] HEUER, JORG, DE
[71] ECOG GMBH, DE
[85] 2019-10-10
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[25] EN
[54] **CONTROL DEVICE AND METHOD FOR CONTROLLING A CHARGING STATION**
[54] **DISPOSITIF DE COMMANDE ET PROCEDE DE COMMANDE D'UNE BORNE DE CHARGE**
[72] HEUER, JORG, DE
[71] ECOG GMBH, DE
[85] 2019-10-10
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[25] EN
[54] **SCREWING DEVICE AND HANDHELD SCREWING SYSTEM**
[54] **DISPOSITIF DE VISSAGE ET SYSTEME DE VISSAGE PORTATIF**
[72] LANGHORST, THOMAS, DE
[71] JOHANNES LUBBERING GMBH, DE
[85] 2019-10-10
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[25] EN
[54] **PRESS-IN CONNECTING ELEMENT AND METHOD FOR ANCHORING PRESS-IN CONNECTING ELEMENTS IN A PERMANENTLY DEFORMABLE FLAT METAL MATERIAL OR COMPONENTS OR WORKPIECES PRODUCED THEREFROM**
[54] **ELEMENT DE RACCORDEMENT INSERABLE PAR PRESSAGE ET PROCEDE D'ANCRAGE D'ELEMENTS DE RACCORDEMENT INSERABLES PAR PRESSAGE DANS UN MATERIAU PLAT METALLIQUE A DEFORMATION PERMANENTE OU DANS DES COMPOSANTS ET/OU PIECES REALISES A PARTIR DE CELUI-CI**
[72] SCHMIDT, HEIKO, DE
[71] SCHMIDT, HEIKO, DE
[85] 2019-10-10
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[25] EN
[54] **NEW SEQUENCE SPECIFIC REAGENTS TARGETING CCR5 IN PRIMARY HEMATOPOIETIC CELLS**
[54] **NOUVEAUX REACTIFS SPECIFIQUES A UNE SEQUENCE CIBLANT CCR5 DANS DES CELLULES HEMATOPOIETIQUES PRIMAIRES**
[72] CATHOMEN, TONI, DE
[72] CORNU, TATJANA, DE
[72] DUCHATEAU, PHILIPPE, FR
[72] MUSSOLINO, CLAUDIO, DE
[72] ROMITO, MARIANNA, DE
[72] GOUBLE, AGNES, FR
[71] CELLECTIS, FR
[71] ALBERT-LUDWIGS-UNIVERSITAT FREIBURG, DE
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[25] EN
[54] **PEPTIDES AND COMBINATION THEREOF FOR USE IN THE IMMUNOTHERAPY AGAINST CANCERS**
[54] **PEPTIDES ET COMBINAISONS DE PEPTIDES DESTINES A ETRE UTILISES EN IMMUNOTHERAPIE ANTICANCEREUSE**
[72] DI MARCO, MORENO, DE
[72] HAEN, SEBASTIAN, DE
[72] KOWALEWSKI, DANIEL, DE
[72] LOFFLER, MARKUS, DE
[72] NELDE, ANNIKA, DE
[72] RAMMENSEE, HANS-GEORG, DE
[72] STEVANOVIC, STEFAN, DE
[72] TRAUTWEIN, NICO, DE
[72] WALZ, JULIANE SARAH, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[25] EN
[54] **PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST LEUKEMIAS AND OTHER CANCERS**
[54] **PEPTIDES ET COMBINAISON DE PEPTIDES A UTILISER EN IMMUNOTHERAPIE CONTRE LES LEUCEMIES ET D'AUTRES CANCERS**
[72] WALZ, JULIANE SARAH, DE
[72] KOWALEWSKI, DANIEL, DE
[72] LOFFLER, MARKUS, DE
[72] DI MARCO, MORENO, DE
[72] TRAUTWEIN, NICO, DE
[72] NELDE, ANNIKA, DE
[72] STEVANOVIC, STEFAN, DE
[72] RAMMENSEE, HANS-GEORG, DE
[72] HAEN, SEBASTIAN, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[30] US (62/483,690) 2017-04-10
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[51] **Int.Cl. A61L 27/44 (2006.01)**
[25] EN
[54] **CONNECTIVE TISSUES, SUCH AS BONE, DENTIN OR PULP, REGENERATIVE MATERIAL COMPRISING CALCIUM SILICATE**
[54] **MATERIAU REGENERATEUR DE TISSUS CONJONCTIFS TELS QUE L'OS, LA DENTINE OU LA PULPE COMPRENANT DU SILICATE DE CALCIUM**
[72] BERES, FLEUR, FR
[72] RICHARD, GILLES, FR
[72] DESSOMBZ, ARNAUD, FR
[72] SIMON, STEPHANE, FR
[72] ISAAC, JULIANE, FR
[71] SEPTODONT OU SEPTODONT SAS OU SPECIALITES SEPTODONT, FR
[71] UNIVERSITE PARIS DESCARTES - PARIS V, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] SORBONNE UNIVERSITE, FR
[71] UNIVERSITE PARIS DIDEROT (PARIS 7), FR
[85] 2019-10-10
[86] 2018-04-13 (PCT/EP2018/059563)
[87] (WO2018/189384)
[30] EP (17305444.6) 2017-04-13
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[51] **Int.Cl. C12Q 1/6813 (2018.01) C12Q 1/6883 (2018.01)**
[25] EN
[54] **SH2B ADAPTER PROTEIN 3 FOR THE PREDICTION OF BONE MARROW RESPONSE AND IMMUNE RESPONSE**
[54] **PROTEINE D'ADAPTATEUR SH2B 3 POUR LA PREDICTION DE LA REPONSE DE LA MOELLE OSSEUSE ET DE LA REPONSE IMMUNITAIRE**
[72] STEINHOFF, GUSTAV, DE
[71] UNIVERSITAT ROSTOCK ZENTRALE UNIVERSITATSVERWALTUNG REFERAT 1.1 RECHT, DE
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[30] DE (10 2017 107 661.1) 2017-04-10

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[51] **Int.Cl. A61N 5/06 (2006.01)**
[25] FR
[54] **TRANSCUTANEOUS IRRADIATION DEVICE AND APPLICATION TO THE TREATMENT OF NEURODEGENERATIVE DISEASES**
[54] **DISPOSITIF D'IRRADIATION TRANSCUTANEE ET APPLICATION AU TRAITEMENT DES MALADIES NEURODEGENERATIVES**
[72] BLIVET, GUILLAUME, FR
[72] MOREAU, GUILLAUME, FR
[71] REGENLIFE, FR
[85] 2019-10-10
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[30] EP (17305450.3) 2017-04-14

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[51] **Int.Cl. C22B 15/00 (2006.01)**
[25] EN
[54] **A PROCESS FOR REDUCING THE CONTENT OF OXYGEN IN METALLIC COPPER**
[54] **PROCEDE DE REDUCTION DE LA TENEUR EN OXYGENE DANS DU CUIVRE METALLIQUE**
[72] TARASENKO, ARTEM, RU
[72] JAKOBSSON, NIKLAS BENGT, SE
[72] BLENNOW, BENGT PETER GUSTAV, SE
[72] HADSBJERG, CASPER, DK
[71] HALDOR TOPSOE A/S, DK
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[86] 2018-04-16 (PCT/EP2018/059659)
[87] (WO2018/206237)
[30] DK (PA 2017 00293) 2017-05-10

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[51] **Int.Cl. C12P 5/02 (2006.01) C12N 1/21 (2006.01)**
[25] EN
[54] **IMPROVED METHODS FOR PRODUCING ISOBUTENE FROM 3-METHYLCROTONIC ACID**
[54] **PROCEDES AMELIORES DE PRODUCTION D'ISOBUTENE A PARTIR D'ACIDE 3-METHYLCROTONIQUE**
[72] CHAYOT, ROMAIN, FR
[72] ALLARD, MATHIEU, FR
[72] ANISSIMOVA, MARIA, FR
[71] GLOBAL BIOENERGIES, FR
[85] 2019-10-10
[86] 2018-04-19 (PCT/EP2018/060051)
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[30] EP (17170429.9) 2017-05-10

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[13] A1
[51] **Int.Cl. G09B 1/38 (2006.01) G09B 1/32 (2006.01) G09B 5/00 (2006.01)**
[25] EN
[54] **DEVICE COMPRISING AN ELECTRONIC UNIT, SET COMPRISING A DEVICE OF THIS KIND, ASSOCIATED USE, AND METHOD FOR UTILIZING A SET OF THIS KIND**
[54] **APPAREIL AVEC UNE INSTALLATION ELECTRONIQUE, KIT COMPRENANT UN TEL APPAREIL, UTILISATION LIEE A CELUI-CI ET PROCEDE POUR L'UTILISATION D'UN TEL KIT**
[72] KNUSEL, BEAT, CH
[71] TRIHOW AG, CH
[85] 2019-10-10
[86] 2018-04-11 (PCT/EP2018/059290)
[87] (WO2018/189243)
[30] CH (00500/17) 2017-04-12

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[51] **Int.Cl. A61K 38/00 (2006.01) A61B 5/00 (2006.01) A61K 48/00 (2006.01) A61N 5/06 (2006.01) C07K 14/705 (2006.01) C12N 1/16 (2006.01)**
[25] EN
[54] **NEW OPTOGENETIC TOOL**
[54] **NOUVEL OUTIL OPTOGENETIQUE**
[72] BAMBERG, ERNST, DE
[72] GORDELIY, VALENTIN, FR
[72] MAGER, THOMAS, DE
[72] SHEVCHENKO, VITALY, DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
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[51] **Int.Cl. A61B 34/00 (2016.01)**
[25] EN
[54] **PROPELLER AND METHOD IN WHICH A PROPELLER IS SET INTO MOTION**
[54] **HELICE ET PROCEDE DANS LEQUEL UNE HELICE EST MISE EN MOUVEMENT**
[72] QIU, TIAN, DE
[72] FISCHER, PEER, DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[85] 2019-10-10
[86] 2018-04-11 (PCT/EP2018/059331)
[87] (WO2018/189263)
[30] EP (17166356.0) 2017-04-12

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[51] **Int.Cl. A01K 51/00 (2006.01)**
[25] EN
[54] **RATIONAL HIVE STRUCTURE**
[54] **STRUCTURE DE RUCHE RATIONNELLE**
[72] GAMBERONI, ALESSANDRO, IT
[72] RIGANTI, GIANMARIO, IT
[71] GAMBERONI, ALESSANDRO, IT
[71] RIGANTI, GIANMARIO, IT
[85] 2019-10-10
[86] 2018-04-12 (PCT/EP2018/059405)
[87] (WO2018/189302)
[30] EP (17166379.2) 2017-04-12

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[51] **Int.Cl. B60L 8/00 (2006.01) H02J 7/00 (2006.01) H02J 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A CHARGING STATION**
[54] **PROCEDE SERVANT A FAIRE FONCTIONNER UNE STATION DE RECHARGE**
[72] BROMBACH, JOHANNES, DE
[72] STRAFIEL, CHRISTIAN, DE
[72] PINGEL, TOBIAS, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2019-10-10
[86] 2018-04-20 (PCT/EP2018/060188)
[87] (WO2018/193091)
[30] DE (10 2017 108 579.3) 2017-04-21

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[13] A1
[51] **Int.Cl. A61K 39/17 (2006.01) A61K 39/255 (2006.01)**
[25] EN
[54] **RECOMBINANT GALLID HERPESVIRUS 3 VACCINES ENCODING HETEROLOGOUS AVIAN PATHOGEN ANTIGENS**
[54] **VACCINS RECOMBINES CONTRE L'HERPESVIRUS 3 DES GALLIFORMES CODANT POUR DES ANTIGENES HETEROLOGUES D'AGENTS PATHOGENES AVIAIRES**
[72] SADIGH, YASHAR, GB
[72] NAIR, VENUGOPAL, GB
[71] THE PIRBRIGHT INSTITUTE, GB
[85] 2019-10-10
[86] 2018-04-20 (PCT/EP2018/060225)
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[30] EP (17167638.0) 2017-04-21

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[51] **Int.Cl. A61K 38/17 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **COVERSIN FOR THE TREATMENT OF AUTOIMMUNE BLISTERING DISEASES**
[54] **COVERSINE POUR LE TRAITEMENT DE MALADIES BULLEUSES AUTOIMMUNES**
[72] NUNN, MILES ANDREW, CH
[72] ABHYANKAR, BRIHAD, CH
[72] SADIK, CHRISTIAN DAVID, DE
[71] VOLUTION IMMUNO PHARMACEUTICALS SA, CH
[85] 2019-10-10
[86] 2018-04-20 (PCT/EP2018/060241)
[87] (WO2018/193122)
[30] GB (1706404.9) 2017-04-21
[30] GB (1706406.4) 2017-04-21
[30] GB (1706452.8) 2017-04-24

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[51] **Int.Cl. G01S 19/22 (2010.01) G01S 19/36 (2010.01)**
[25] EN
[54] **RADIO RECEIVER FOR POSITION DETERMINATION SYSTEMS**
[54] **RECEPTEUR RADIOELECTRIQUE POUR SYSTEMES DE DETERMINATION DE POSITION**
[72] KUBINA, BERND, DE
[72] STRUNCK, SEBASTIAN, DE
[72] BURGHARDT, ROLAND, DE
[72] BODENHEIMER, ROBERT, DE
[71] CONTINENTAL TEVES AG & CO. OHG, DE
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[87] (WO2018/202448)
[30] DE (10 2017 207 575.9) 2017-05-05

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[51] **Int.Cl. C12Q 1/6804 (2018.01)**
[25] EN
[54] **ANALYTICAL METHODS AND ARRAYS FOR USE IN THE SAME**
[54] **METHODES D'ANALYSE ET RESEAUX DESTINES A ETRE UTILISES DANS LESDITES METHODES**
[72] LINDSTEDT, MALIN MARIE, SE
[72] JOHANSSON, HENRIK, SE
[72] ZELLER WALTHER, KATHRIN, SE
[71] SENZAGEN AB, SE
[85] 2019-10-10
[86] 2018-04-23 (PCT/EP2018/060386)
[87] (WO2018/197438)
[30] GB (1706464.3) 2017-04-24

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[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PHENOXYQUINAZOLINE COMPOUNDS AND THEIR USE IN TREATING CANCER**
[54] **COMPOSES DE PHENOXYQUINALZOLINE ET LEUR UTILISATION EN TRAITEMENT D'UN CANCER**
[72] GRECU, TUDOR, GB
[72] KETTLE, JASON GRANT, GB
[72] PACKER, MARTIN JOHN, GB
[72] PEARSON, STUART ERIC, GB
[72] SMITH, JAMES MICHAEL, GB
[71] ASTRAZENECA AB, SE
[85] 2019-10-10
[86] 2018-04-26 (PCT/EP2018/060800)
[87] (WO2018/197643)
[30] US (62/490,865) 2017-04-27

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[13] A1
[51] **Int.Cl. G01N 21/05 (2006.01)**
[25] EN
[54] **LATERAL DETECTION OF FLUID PROPERTIES**
[54] **DETECTION LATERALE DE PROPRIETES DE FLUIDE**
[72] JACOBS, PAUL, BE
[72] DE MALSCHE, WIM, BE
[71] PHARMAFLUIDICS NV, BE
[85] 2019-10-10
[86] 2018-04-27 (PCT/EP2018/060979)
[87] (WO2018/197712)
[30] EP (17168557.1) 2017-04-27

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[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) A61K 38/18 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **HUMAN FIBROBLAST GROWTH FACTOR 21 (HFGF21) FUSION PROTEIN, PREPARATION METHOD THEREFOR, AND USE THEREOF**
[54] **PROTEINE DE FUSION DU FACTEUR 21 DE CROISSANCE DES FIBROBLASTES HUMAINS (HFGF21), SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] DONG, ZHAO, CN
[72] ZHOU, CHI, CN
[72] FENG, XIONG, CN
[72] LI, ZIRUI, CN
[72] LI, YUANLI, CN
[72] LI, QIANG, CN
[71] AMPSOURCE BIOPHARMA INC., CN
[71] SHANDONG NEWTIME PHARMACEUTICAL CO., LTD., CN
[71] LUNAN PHARMACEUTICAL GROUP CORPORATION, CN
[85] 2019-10-09
[86] 2017-04-10 (PCT/CN2017/079871)
[87] (WO2018/032785)
[30] CN (201610694914.1) 2016-08-19

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[13] A1
[51] **Int.Cl. B62D 53/00 (2006.01) B62D 59/04 (2006.01)**
[25] EN
[54] **TUGGER TRAIN TRAILER FOR A TUGGER TRAIN**
[54] **REMORQUE POUR CHARIOT REMORQUEUR**
[72] BERGHAMMER, FRITZ, DE
[71] LR INTRALOGISTIK GMBH, DE
[85] 2019-10-10
[86] 2018-05-04 (PCT/EP2018/061458)
[87] (WO2018/210582)
[30] DE (10 2017 110 862.9) 2017-05-18

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[13] A1
[51] **Int.Cl. F16L 5/04 (2006.01) A62C 2/06 (2006.01) E04B 1/94 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **FIRE PROTECTION ELEMENT AND FIRE PROTECTION WRAP**
[54] **ELEMENT COUPE-FEU ET BANDAGE COUPE-FEU**
[72] AUBAUER, CHRISTOPH, DE
[72] BERGHOFER, EGON, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2019-10-10
[86] 2018-05-23 (PCT/EP2018/063471)
[87] (WO2018/219730)
[30] EP (17173686.1) 2017-05-31

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[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **DEVICE FOR PROCESSING FAT CELLS TAKEN FROM A PATIENT AND INTENDED FOR A TRANSPLANT**
[54] **DISPOSITIF DE TRAITEMENT DES CELLULES GRAISSEUSES PRELEVEES SUR UN PATIENT ET DESITNEES A UNE GREFFE**
[72] TAIZOU, NAJIB, FR
[71] ESTABLISHMENT LABS S.A., CR
[85] 2019-10-10
[86] 2018-04-06 (PCT/FR2018/000076)
[87] (WO2018/189431)
[30] FR (FR1770365) 2017-04-14

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[13] A1
[51] **Int.Cl. F01N 3/05 (2006.01) F01N 3/04 (2006.01) F01N 3/30 (2006.01) F01N 3/32 (2006.01)**
[25] EN
[54] **CONDITIONING OF THE EXHAUST GAS PLUME OF A MARINE VESSEL**
[54] **CONDITIONNEMENT DU PANACHE DE GAZ D'ECHAPPEMENT D'UN NAVIRE**
[72] BAHADUR THAPA, SHYAM, NO
[72] STRANDBERG, PETER, NO
[72] BJARKBY, PER HAKAN, SE
[71] YARA MARINE TECHNOLOGIES AS, NO
[85] 2019-10-10
[86] 2018-05-24 (PCT/EP2018/063595)
[87] (WO2018/215577)
[30] EP (17172690.4) 2017-05-24

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[13] A1
[51] **Int.Cl. F04B 49/06 (2006.01) F01C 1/16 (2006.01) F01C 20/02 (2006.01) H02J 3/28 (2006.01) H02J 15/00 (2006.01)**
[25] EN
[54] **COMPRESSED AIR ENERGY STORAGE GENERATOR**
[54] **GENERATEUR DE STOCKAGE D'ENERGIE A AIR COMPRIME**
[72] SATO, TAKASHI, JP
[72] NAKAMICHI, RYO, JP
[72] MATSUKUMA, MASAKI, JP
[72] SARUTA, HIROKI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2019-10-10
[86] 2018-04-10 (PCT/JP2018/015067)
[87] (WO2018/198755)
[30] JP (2017-087526) 2017-04-26

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[13] A1
[51] **Int.Cl. A47J 43/07 (2006.01)**
[25] EN
[54] **INTERLOCK MECHANISM**
[54] **MECANISME DE VERROUILLAGE**
[72] JOHNS, MARTIN, GB
[72] FARAM, DAVID, GB
[72] WILCOCK, AARON, GB
[72] VACHER, DAN, GB
[71] KENWOOD LIMITED, GB
[85] 2019-10-10
[86] 2017-09-19 (PCT/GB2017/052785)
[87] (WO2018/051143)
[30] GB (1615936.0) 2016-09-19

[21] **3,059,670**
[13] A1
[51] **Int.Cl. C07D 239/94 (2006.01)**
[25] EN
[54] **AN IMPROVED PROCESS FOR THE PREPARATION OF N-(3-ETHYNYLPHENYL)-7-METHOXY-6-(3-MORPHOLINOPROPOXY) QUINAZOLIN -4-AMINE DIHYDROCHLORIDE**
[54] **PROCEDE AMELIORE POUR LA PREPARATION DE DICHLORHYDRATE DE N-(3-ETHYNYLPHENYL)-7-METHOXY-6-(3-MORPHOLINOPROPOXY)QUINAZOLIN-4-AMINE**
[72] MUDDASANI, PULLA REDDY, IN
[72] BUDIDETI, SHANKAR REDDY, IN
[72] KONDURI, SRINIVASA KRISHNA MURTHY, IN
[72] SAMATHAM, NAGALINGAM, IN
[72] NANNAPANENI, VENKAIAH CHOWDARY, IN
[71] NATCO PHARMA LIMITED, IN
[85] 2019-10-10
[86] 2017-06-19 (PCT/IN2017/050245)
[87] (WO2018/189747)
[30] IN (201741013419) 2017-04-15

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[13] A1
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 38/05 (2006.01) A61P 35/00 (2006.01) C07K 5/062 (2006.01)**
[25] EN
[54] **SMALL MOLECULES**
[54] **PETITES MOLECULES**
[72] CIULLI, ALESSIO, GB
[72] MANIACI, CHIARA, GB
[72] HUGHES, SCOTT J., GB
[72] TESTA, ANDREA, GB
[71] UNIVERSITY OF DUNDEE, GB
[85] 2019-10-10
[86] 2018-04-13 (PCT/GB2018/050987)
[87] (WO2018/189554)
[30] GB (1706043.5) 2017-04-14
[30] GB (1706042.7) 2017-04-14

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[13] A1
[51] **Int.Cl. H02J 15/00 (2006.01) F02C 6/16 (2006.01)**
[25] EN
[54] **COMPRESSED AIR ENERGY STORAGE GENERATOR**
[54] **GENERATEUR DE STOCKAGE D'ENERGIE A AIR COMPRIME**
[72] SATO, TAKASHI, JP
[72] NAKAMICHI, RYO, JP
[72] MATSUKUMA, MASAKI, JP
[72] SARUTA, HIROKI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2019-10-10
[86] 2018-04-10 (PCT/JP2018/015071)
[87] (WO2018/198756)
[30] JP (2017-087528) 2017-04-26

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[13] A1
[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **6-PYRIMIDIN-ISOINDOLE DERIVATIVE AS ERK1/2 INHIBITOR**
[54] **DERIVE DE 6-PYRIMIDINE-ISOINDOLE UTILISE EN TANT QU'INHIBITEUR DE ERK1/2**
[72] READER, MICHAEL, GB
[72] WILSHER, NICOLA ELIZABETH, GB
[72] SAUNDERS, MARK HENRY, GB
[72] BAGULEY, PAUL ANTHONY, GB
[72] LINDLEY, COLIN THOMAS, GB
[72] MELLING, ROBERT CRAIG, GB
[72] ADAMCZYK, BOZENA EWA, IT
[72] SCARATI, MIRKA, IT
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 2019-10-10
[86] 2018-04-20 (PCT/IB2018/052745)
[87] (WO2018/193410)
[30] GB (1706327.2) 2017-04-20

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[13] A1
[51] **Int.Cl. C07D 211/88 (2006.01) A01N 43/40 (2006.01) A01P 3/00 (2006.01) C07D 213/64 (2006.01)**
[25] EN
[54] **PYRIDONE COMPOUNDS AND AGRICULTURAL AND HORTICULTURAL FUNGICIDE COMPRISING THE SAME AS ACTIVE INGREDIENTS**
[54] **COMPOSE PYRIDONE, ET BACTERICIDE A USAGE AGRICOLE ET HORTICOLE AYANT CE COMPOSE POUR PRINCIPE ACTIF**
[72] UMETANI, HIDEKI, JP
[72] IKISHIMA, HIDEAKI, JP
[72] NISHIDA, AKIHIRO, JP
[72] OKAYA, SHUN, JP
[72] NAITO, RYOHEI, JP
[72] FUKUMOTO, TAKESHI, JP
[72] YUTANI, SATOSHI, JP
[72] OHARA, TOSHIAKI, JP
[71] MITSUI CHEMICALS AGRO, INC., JP
[85] 2019-10-10
[86] 2018-04-10 (PCT/JP2018/015140)
[87] (WO2018/190350)
[30] JP (2017-077801) 2017-04-10

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[13] A1
[51] **Int.Cl. A61B 34/37 (2016.01) A61B 34/00 (2016.01) A61B 34/30 (2016.01) A61B 17/29 (2006.01)**
[25] EN
[54] **ROBOTIC MICROSURGICAL ASSEMBLY**
[54] **ENSEMBLE ROBOTIQUE MICROCHIRURGICAL**
[72] SIMI, MASSIMILIANO, IT
[72] PRISCO, GIUSEPPE MARIA, IT
[71] MEDICAL MICROINSTRUMENTS S.P.A., IT
[85] 2019-10-09
[86] 2018-04-13 (PCT/IB2018/052591)
[87] (WO2018/189722)
[30] IT (102017000041991) 2017-04-14

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[13] A1
[51] **Int.Cl. B29C 48/16 (2019.01) B32B 7/022 (2019.01) B29D 7/00 (2006.01) E04F 15/10 (2006.01)**
[25] EN
[54] **METHOD FOR FORMING A STRESS-FREE MULTILAYER PVC SHEET MATERIAL**
[54] **PROCEDE DE FORMATION D'UN MATERIAU EN FEUILLE DE PVC MULTICOUCHE SANS CONTRAINTE**
[72] MICHEL, YVES, BE
[72] D'HONDT, WILLY, BE
[71] KREAFIN GROUP SA, LU
[71] LICOPLAST SA, BE
[85] 2019-10-10
[86] 2018-04-24 (PCT/IB2018/052855)
[87] (WO2018/198034)
[30] BE (BE-2017/5285) 2017-04-24

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[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **REPLACEABLE FLOW TRACT FOR AN INHALER**
[54] **CONDUIT D'ECOULEMENT REMPLACABLE POUR INHALATEUR**
[72] RESHEF, NIMROD, IL
[72] KURGAN, ITAY, IL
[72] DENIZEL, AVISHAY, IL
[72] ROSENTHAL KAPLAN, GEVA, IL
[72] LIFSHITZ, ROEE, IL
[72] MEYER, ABRAHAM, IL
[72] SCHWARTZ, BINYAMIN, IL
[72] SCHORR, AARON, IL
[71] SYQE MEDICAL LTD., IL
[85] 2019-10-10
[86] 2018-04-18 (PCT/IL2018/050442)
[87] (WO2018/193456)
[30] US (62/487,583) 2017-04-20

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[13] A1
[51] **Int.Cl. A61B 34/00 (2016.01) A61B 46/00 (2016.01)**
[25] EN
[54] **ROBOTIC MICROSURGICAL ASSEMBLY**
[54] **ENSEMBLE MICROCHIRURGICAL ROBOTIQUE**
[72] SIMI, MASSIMILIANO, IT
[72] PRISCO, GIUSEPPE MARIA, IT
[72] STEFANINI, CESARE, IT
[71] MEDICAL MICROINSTRUMENTS S.P.A., IT
[85] 2019-10-09
[86] 2018-04-16 (PCT/IB2018/052626)
[87] (WO2018/189729)
[30] IT (102017000042116) 2017-04-14

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[13] A1
[51] **Int.Cl. A61K 31/4545 (2006.01) A61K 9/70 (2006.01) A61K 47/12 (2006.01) A61K 47/14 (2017.01) A61K 47/32 (2006.01) A61P 11/02 (2006.01) A61P 17/04 (2006.01) A61P 29/00 (2006.01) A61P 37/08 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **RUPATADINE-CONTAINING PATCH**
[54] **PATCH CONTENANT DE LA RUPATADINE**
[72] KAWAKAMI, SATOSHI, JP
[72] SOGABE, MANABU, JP
[71] TEIKOKU SEIYAKU CO., LTD., JP
[71] J. URIACH Y COMPANIA S.A., ES
[85] 2019-10-10
[86] 2018-04-18 (PCT/JP2018/016692)
[87] (WO2018/194183)
[30] JP (2017-082559) 2017-04-19

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[13] A1
[51] **Int.Cl. C07D 491/147 (2006.01) A61K 31/444 (2006.01) A61P 25/08 (2006.01)**
[25] EN
[54] **CRYSTALS OF PYRANODIPYRIDINE COMPOUND**
[54] **CRISTAUX DE COMPOSE PYRANODIPYRIDINE**
[72] KUSHIDA, IKUO, JP
[72] ITO, YOKO, JP
[72] MATSUDA, MASAAKI, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2019-10-10
[86] 2018-05-07 (PCT/JP2018/017577)
[87] (WO2018/207715)
[30] JP (2017-093147) 2017-05-09

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[13] A1
[51] **Int.Cl. G06F 1/26 (2006.01) G05F 1/10 (2006.01) G05F 1/66 (2006.01) G06F 1/32 (2019.01) H01R 13/02 (2006.01) H01R 13/62 (2006.01) H01R 25/16 (2006.01)**
[25] EN
[54] **LOW VOLTAGE POWER DISTRIBUTION SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE PUISSANCE BASSE TENSION**
[72] SHULTZ, EDWARD C., US
[72] MELINYSHYN, JOHN B., US
[72] MERCURIO, SAVERIO, US
[71] IDEAL INDUSTRIES, INC., US
[85] 2019-10-09
[86] 2018-04-23 (PCT/US2018/028879)
[87] (WO2018/195538)
[30] US (62/488,241) 2017-04-21

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[13] A1
[51] **Int.Cl. G16H 80/00 (2018.01)**
[25] EN
[54] **SECURE PATIENT MESSAGING**
[54] **MESSAGERIE DE PATIENT SECURISEE**
[72] TATE, BRYAN D., US
[72] SAWICKI, CHRISTINE C., US
[71] CVS PHARMACY, INC., US
[85] 2019-10-09
[86] 2018-04-23 (PCT/US2018/028904)
[87] (WO2018/195541)
[30] US (62/488,705) 2017-04-21
[30] US (15/959,851) 2018-04-23

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[13] A1
[51] **Int.Cl. C07D 213/81 (2006.01) A61K 31/444 (2006.01) A61K 31/506 (2006.01) A61P 1/00 (2006.01) A61P 1/18 (2006.01) A61P 19/02 (2006.01) A61P 25/08 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01) C07D 239/42 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **AMIDE DERIVATIVES AS NAV1.7 AND NAV1.8 BLOCKERS**
[54] **DERIVES D'AMIDE UTILISES EN TANT QUE BLOQUEURS DE NAV1.7 ET DE NAV1.8**
[72] YAMAGISHI, TATSUYA, JP
[72] MORITA, MIKIO, JP
[72] SHISHIDO, YUJI, JP
[72] YAMAGUCHI, RYUICHI, JP
[72] GAJA, NORIKAZU, JP
[71] RAQUALIA PHARMA INC., JP
[85] 2019-10-10
[86] 2018-06-20 (PCT/JP2018/023412)
[87] (WO2018/235851)
[30] US (62/522,215) 2017-06-20

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[13] A1
[51] **Int.Cl. C08L 77/04 (2006.01) C08K 5/053 (2006.01) C08K 7/02 (2006.01)**
[25] EN
[54] **BINDER COMPOSITION, ARTICLE, AND METHOD FOR MANUFACTURING ARTICLE**
[54] **COMPOSITION DE LIANT, ARTICLE ET PROCEDE DE FABRICATION D'ARTICLE**
[72] KIM, JI EUN, KR
[72] LEE, CHANG SUK, KR
[72] MOON, JUN OK, KR
[72] YANG, YOUNG LYEOL, KR
[72] OH, CHANG YUB, KR
[72] ROH, HANG DUK, KR
[72] SIM, DO YONG, KR
[72] CHO, KWANG MYUNG, KR
[72] CHOI, JIN WOO, KR
[71] CJ CHEILJEDANG CORPORATION, KR
[85] 2019-10-10
[86] 2018-04-13 (PCT/KR2018/004308)
[87] (WO2018/190662)
[30] KR (10-2017-0048032) 2017-04-13
[30] KR (10-2018-0007895) 2018-01-22

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[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **DIGITAL COMMUNICATIONS MONETIZATION SYSTEM**
[54] **SYSTEME DE MONETISATION DE COMMUNICATIONS NUMERIQUES**
[72] GLAZIER, JORDAN, US
[72] MILLER, IAN, US
[71] WILDFIRE SYSTEMS, INC., US
[85] 2019-10-10
[86] 2018-03-29 (PCT/US2018/025223)
[87] (WO2018/191030)
[30] US (15/483,791) 2017-04-10
[30] US (15/706,637) 2017-09-15
[30] US (15/826,585) 2017-11-29

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[13] A1
[51] **Int.Cl. A01N 63/04 (2006.01) A01G 7/06 (2006.01) A01N 25/12 (2006.01)**
[25] EN
[54] **MICROBIAL INSECTICIDE FOR CONTROL OF MULBERRY THRIPS**
[54] **INSECTICIDE MICROBIEN POUR LA LUTTE CONTRE PSEUDOENDROTHRIPS MORI**
[72] SHIN, TAEK-SU, KR
[72] KIM, TAE-HOON, KR
[72] PARK, TAE-HYUN, KR
[72] HA, PAN-JUNG, KR
[72] MYUNG, EUL-JAI, KR
[72] LEE, HAN-YOUNG, KR
[72] KIM, JAE-SU, KR
[72] LEE, SE-JIN, KR
[72] KIM, JONG-CHEOL, KR
[72] KIM, SI-HYEON, KR
[72] LEE, MI-RONG, KR
[71] FARMHANNONG CO., LTD., KR
[71] INDUSTRIAL COOPERATION FOUNDATION CHONBUK NATIONAL UNIVERSITY, KR
[85] 2019-10-10
[86] 2017-04-21 (PCT/KR2017/004264)
[87] (WO2018/194199)

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **UNIVERSAL BUSINESS MODEL SCORING, CLASSIFICATION, AND DECISION-MAKING ENGINE**
[54] **NOTATION DE MODELE COMMERCIAL UNIVERSEL, CLASSIFICATION ET MOTEUR DE PRISE DE DECISION**
[72] LIBERT, BARRY, US
[72] BECK, MEGAN, US
[71] OPENMATTERS, INC., US
[85] 2019-10-10
[86] 2017-04-11 (PCT/US2017/027075)
[87] (WO2017/180671)
[30] US (62/321,165) 2016-04-11

[21] **3,059,702**
[13] A1
[51] **Int.Cl. C07D 213/68 (2006.01) A01C 1/06 (2006.01) A01N 43/40 (2006.01) A01N 43/80 (2006.01) A01P 3/00 (2006.01) C07D 405/04 (2006.01)**
[25] EN
[54] **PYRIDONE COMPOUNDS AND AGRICULTURAL AND HORTICULTURAL FUNGICIDES CONTAINING THE SAME AS ACTIVE INGREDIENTS**
[54] **COMPOSE PYRIDONE, ET BACTERICIDE A USAGE AGRICOLE ET HORTICOLE AYANT CE COMPOSE POUR PRINCIPE ACTIF**
[72] UMETANI, HIDEKI, JP
[72] KITAJIMA, KAZUKI, JP
[72] FUKUMOTO, TAKESHI, JP
[72] YANAGI, MASANORI, JP
[72] NISHIDA, AKIHIRO, JP
[72] NAITO, RYOHEI, JP
[72] SAITO, KOYA, JP
[72] SHIRAKAWA, TOMOMI, JP
[72] KOISHIHARA, HIKARU, JP
[72] SAKURADA, AKANE, JP
[72] YUTANI, SATOSHI, JP
[72] OHARA, TOSHIAKI, JP
[71] MITSUI CHEMICALS AGRO, INC., JP
[85] 2019-10-10
[86] 2018-04-10 (PCT/JP2018/015141)
[87] (WO2018/190351)
[30] JP (2017-077802) 2017-04-10

[21] **3,059,708**
[13] A1
[51] **Int.Cl. A43B 13/18 (2006.01) A43B 7/14 (2006.01) A43B 7/22 (2006.01) A43B 17/00 (2006.01) A43B 17/02 (2006.01)**
[25] EN
[54] **ENERGY RETURN ORTHOTIC SYSTEMS**
[54] **SYSTEMES ORTHETIQUES DE RETOUR D'ENERGIE**
[72] BUTLER, BARRY A., US
[71] BUTLER, BARRY A., US
[85] 2019-10-10
[86] 2017-04-24 (PCT/US2017/029141)
[87] (WO2018/199897)
[30] US (15/494,755) 2017-04-24

[21] **3,059,710**
[13] A1
[51] **Int.Cl. B05B 11/00 (2006.01) B05B 1/02 (2006.01) B05B 9/08 (2006.01) B65D 1/02 (2006.01) B65D 41/04 (2006.01)**
[25] EN
[54] **DRINK AND MISTING BOTTLE WITH TRIGGER LOCK**
[54] **BOUTEILLE DE BOISSON ET DE BRUMISATION DOTEE DE VERROU DE DECLENCHEMENT**
[72] KSIAZEK, MICHAEL, US
[72] JUNKEL, ERIC F., US
[72] ZENG, TOM, CN
[71] O2COOL, LLC, US
[85] 2019-10-10
[86] 2018-04-09 (PCT/US2018/026725)
[87] (WO2018/191173)
[30] US (15/483,033) 2017-04-10

[21] **3,059,714**
[13] A1
[51] **Int.Cl. B01J 13/04 (2006.01) A61K 9/127 (2006.01)**
[25] EN
[54] **FLOW CHANNEL STRUCTURE AND LIPID PARTICLE OR MICELLE FORMATION METHOD USING SAME**
[54] **STRUCTURE DE CANAL D'ECOULEMENT ET PROCEDE DE FORMATION DE MICELLES OU PARTICULES LIPIDIQUES FAISANT APPEL A LADITE STRUCTURE**
[72] TOKESHI, MANABU, JP
[72] MAEKI, MASATOSHI, JP
[72] SATO, YUSUKE, JP
[72] HARASHIMA, HIDEYOSHI, JP
[71] NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY, JP
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[54] **PROCEDES ET MATERIAUX POUR PROLONGER LA VIABILITE D'UNE PLANTE DANS DES ENVIRONNEMENTS DE STOCKAGE SANS REFRIGERATION**
[72] ROBELL, KEVIN, US
[71] ROBELL, KEVIN, US
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[54] **SYSTEME ET METHODE D'APPROCHE DE CHEVILLE ANTERIEURE**
[72] LUNA, RAMON, US
[72] KUBACKI, MEGHAN, US
[72] STROHKIRCH, TERRANCE W., US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
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[54] **PLATEAU DE SUPPORT DE TAMBOUR**
[72] KOEFELDA, GERALD, US
[72] JACOBS, JEFFREY, US
[71] KELLY, DANIEL, US
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[54] **MECANISME DE VERROUILLAGE COMPRENANT DES INDICES DE MISE EN PRISE**
[72] THOMPSON, DOUGLAS, US
[72] BAKER, VINCENT, US
[71] ASSA ABLOY ACCESSORIES AND DOOR CONTROLS GROUP, INC., US
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[54] **MATERIAUX EN BOIS STRUCTURAUX FORTS ET RESISTANTS, ET PROCEDES DE FABRICATION ET D'UTILISATION DESDITS MATERIAUX**
[72] HU, LIANGBING, US
[72] ZHU, MINGWEI, CN
[72] SONG, JIANWEI, US
[71] UNIVERSITY OF MARYLAND, COLLEGE PARK, US
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[54] **PRODUITS DE SOINS PERSONNELS**
[72] SMITH, GARDINER F.H., US
[72] SUN, CHIA CHIA, CA
[71] DAMIVA INC., CA
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[54] **MOLECULE RECEPTEUR D'IL4/IL13 A USAGE VETERINAIRE**
[72] ZHAN, HANGJUN, US
[72] NGUYEN, LAM, US
[72] QIAN, FAWN, US
[72] LI, SHYR JIANN, US
[71] KINDRED BIOSCIENCES, INC., US
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[54] **PANSEMENTS EXTENSIBLES**
[72] GOGOLOWSKI, MARISHA, US
[72] RIZZO, CARMINE, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[54] **COLORANTS CYANINE SOLIDES**
[72] PATIL, RAHUL, US
[72] ELITZIN, VASSIL, US
[72] VOLCHECK, WILLIAM M., US
[72] SCHAEPE, KATIE, US
[71] LI-COR, INC., US
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[54] **MAGNETIC RESONANCE IMAGING (MRI) RECEIVE COIL COMPATIBLE WITH MRI GUIDED HIGH INTENSITY FOCUSED ULTRASOUND (HIFU) THERAPY**
[54] **BOBINE DE RECEPTION D'IMAGERIE PAR RESONANCE MAGNETIQUE (IRM) COMPATIBLE AVEC UNE THERAPIE PAR ULTRASONS FOCALISES DE HAUTE INTENSITE (HIFU) GUIDEE PAR IRM**
[72] LUSTIG, SHIMON MICHAEL, US
[72] ARIAS, ANA CLAUDIA, US
[72] COREA, JOSEPH R., US
[72] FLYNN, ANITA M., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **SYSTEMS AND METHODS FOR GAME-GENERATED MOTION VECTORS**
[54] **SYSTEMES ET PROCEDES POUR VECTEURS DE MOUVEMENT GENERES PAR UN JEU**
[72] KOPIETZ, MICHAEL, DE
[71] ZENIMAX MEDIA INC., US
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[54] **PRODRUGS OF 2-PMPA FOR HEALTHY TISSUE PROTECTION DURING PSMA-TARGETED CANCER IMAGING OR RADIOTHERAPY**
[54] **PROMEDICAMENTS DE 2-PMPA POUR UNE PROTECTION DES TISSUS SAINS PENDANT UNE IMAGERIE OU UNE RADIOTHERAPIE CIBLEE SUR LE PSMA**
[72] SLUSHER, BARBARA, US
[72] NEDELCOVYCH, MICHAEL, US
[72] RAIS, RANA, US
[72] KRATOCHWIL, CLEMENS, DE
[71] THE JOHNS HOPKINS UNIVERSITY, US
[71] HEIDELBERG UNIVERSITY, DE
[71] ADRAGA, LLC, US
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[54] **SYSTEMS AND METHODS FOR DEFERRED POST-PROCESSES IN VIDEO ENCODING**
[54] **SYSTEMES ET PROCEDES POUR DES POST-TRAITEMENTS REPORTES DANS UN CODAGE VIDEO**
[72] KOPIETZ, MICHAEL, DE
[71] ZENIMAX MEDIA INC., US
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[54] **CATALYSEUR DE DEPARAFFINAGE A BASE DE METAL NOBLE ET DE METAL DE BASE**
[72] BAI, CHUANSHENG, US
[72] PODSIADLO, PAUL, US
[72] MCCARTHY, STEPHEN J., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **SYSTEMS AND METHODS FOR RENDERING & PRE-ENCODED LOAD ESTIMATION BASED ENCODER HINTING**
[54] **SYSTEMES ET PROCEDES DE RENDU ET D'OPTIMISATION D'UN CODEUR BASEE SUR UNE ESTIMATION DE CHARGE PRE-CODEE**
[72] KOPIETZ, MICHAEL, DE
[71] ZENIMAX MEDIA INC., US
[85] 2019-10-10
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[30] US (62/488,526) 2017-04-21
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[54] **COMPRESSION DE CHAMPS D'ONDES SISMIQUES DANS UNE MIGRATION EN TEMPS INVERSE TRIDIMENSIONNELLE**
[72] SUN, BINGBING, CN
[72] LIU, HONGWEI, SA
[72] ETIENNE, VINCENT, SA
[72] JI, XU, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **METHOD FOR TREATING CANCER USING A BCL-2 INHIBITOR IN CONJUNCTION WITH AN ALPHA-EMITTING RADIOIMMUNOTHERAPEUTIC**
[54] **METHODE DE TRAITEMENT DU CANCER A L'AIDE D'UN INHIBITEUR DE BCL-2 EN ASSOCIATION AVEC UNE RADIOIMMUNOTHERAPIE A EMISSION ALPHA**
[72] CICIC, DRAGAN, US
[71] ACTINIUM PHARMACEUTICALS, INC., US
[85] 2019-10-10
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[54] **PRODUITS DE RECOMBINAISON CHIMERIQUES D'ANTICORPS/RECEPTEUR DES CELLULES T ET LEURS UTILISATIONS**
[72] HORAN, LUCAS, US
[72] XU, YIYANG, US
[72] YANG, ZHIYUAN, US
[72] LIU, HONG, US
[72] MORALES, JAVIER, US
[72] LIU, LIANXING, US
[71] EUREKA THERAPEUTICS, INC., US
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[30] US (62/490,576) 2017-04-26
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[54] **CELLS EXPRESSING CHIMERIC ACTIVATING RECEPTORS AND CHIMERIC STIMULATING RECEPTORS AND USES THEREOF**
[54] **CELLULES EXPRIMANT DES RECEPTEURS D'ACTIVATION CHIMERIQUES ET DES RECEPTEURS DE STIMULATION CHIMERIQUES ET UTILISATIONS ASSOCIEES**
[72] LIU, HONG, US
[72] ZHANG, PENGBO, US
[72] HORAN, LUCAS, US
[72] XU, YIYANG, US
[72] STALEY, BINNAZ K., US
[72] LIU, LIANXING, US
[72] YUN, HONGRUO, US
[71] EUREKA THERAPEUTICS, INC., US
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[54] **NOUVEAUX ORTHOLOGUES DE CRISPR DE TYPE VI ET SYSTEMES ASSOCIES**
[72] ZHANG, FENG, US
[72] COX, DAVID BENJAMIN TURITZ, US
[71] THE BROAD INSTITUTE, INC., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **SYSTEME ET PROCEDE DE DETECTION ET DE COMMANDE DE DISPOSITIFS DE CONTREBANDE**
[72] HODGE, STEPHEN LEE, US
[71] GLOBAL TEL*LINK CORPORATION, US
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[54] **PROCEDE DE PREPARATION D'ETHANOL DEUTERE A PARTIR DE D2**
[72] LEFORT, LAURENT, NL
[72] SCHMITKAMP, MIKE, DE
[71] DEUTERIA BEVERAGES, LLC, US
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[54] **SYSTEME ET INTERFACE GRAPHIQUE POUR LA SELECTION DE DIAMANT**
[72] POLLAK, MICHAEL, US
[71] ENGAGE BY HYDE PARK, LLC, US
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[54] **SIMULATEUR D'ECLAIRS POUR LE CINEMA**
[72] SCHOLZ, DONALD T., US
[71] SCHOLZ, DONALD T., US
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[25] EN
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[54] **MOLECULES MULTISPECIFIQUES COMPRENANT UN DOMAINE D'HETERODIMERISATION NON IMMUNOGLOBULINE ET LEURS UTILISATIONS**
[72] LOEW, ANDREAS, US
[72] VASH, BRIAN, EDWARD, US
[72] MAIOCCO, STEPHANIE J., US
[71] ELSTAR THERAPEUTICS, INC., US
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[25] EN
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[54] **PROTEINES TRAITEES PAR L-CYSTEINE AYANT DES FONCTIONNALITES MODIFIEES ET LEUR PREPARATION**
[72] MANINGAT, CLODUALDO C., US
[72] CAI, LIMING, US
[72] GUTKOWSKI, SARAH MARIE, US
[72] BUTTSHAW, MICHAEL, US
[71] MGPI PROCESSING, INC., US
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[51] **Int.Cl. G06Q 30/00 (2012.01)**
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[54] **A PLATFORM FOR LOCATION AND TIME BASED ADVERTISING**
[54] **PLATE-FORME DE PUBLICITE BASEE SUR LA POSITION ET LE TEMPS**
[72] PITTMAN, DOUGLAS L., US
[71] BOARDACTIVE CORPORATION, US
[85] 2019-10-10
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[54] **SYSTEMES ET PROCEDES DE COMMANDE DE POMPE DE VEHICULE D'INTERVENTION**
[72] LINSMEIER, ERIC R., US
[72] PILLER, BRIAN, US
[72] ARCHER, DAVID W., US
[72] DOLPHIN, CHAD T., US
[71] OSHKOSH CORPORATION, US
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[54] **METHODS OF TREATING DEVELOPMENTAL ENCEPHALOPATHIES**
[54] **METHODES DE TRAITEMENT D'ENCEPHALOPATHIES DU DEVELOPPEMENT**
[72] DURING, MATTHEW, US
[71] OVID THERAPEUTICS INC., US
[85] 2019-10-10
[86] 2018-04-12 (PCT/US2018/027276)
[87] (WO2018/191482)
[30] US (62/485,211) 2017-04-13
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[54] **VALVE MEDICALE DOTEE D'UN JOINT A DIAMETRE VARIABLE**
[72] FURNISH, GREG, US
[72] APPLING, ANTHONY, US
[72] MORRIS, BEN, US
[72] FURNISH, SIMON, US
[71] FREUDENBERG MEDICAL, LLC, US
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[87] (WO2018/190961)
[30] US (15/483,089) 2017-04-10
[30] US (15/624,755) 2017-06-16

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[51] **Int.Cl. A61K 31/53 (2006.01) A61P 31/14 (2006.01) C07F 9/6561 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF (S)-2-ETHYLBUTYL 2-(((S)-(((2R,3S,4R,5R)-5-(4-AMINOPYRROLO[2,1-F][1,2,4]TRIAZIN-7-YL)-5-CYANO-3,4-DIHYDROXYTETRAHYDROFURAN-2-YL)METHOXY)(PHENOXY)PHOSPHORYL)AMINO)PROPANOATE**
[54] **FORMES CRISTALLINES DE (S) 2 ETHYLBUTYL 2 (((S) (((2R,3S,4R,5R) 5 (4 AMINOPYRROLO[2,1-F] [1,2,4]TRIAZINE-7-YL)-5-CYANO-3,4-DIHYDROXYTETRAHYDROFURAN-2 YL)METHOXY)(PHENOXY) PHOSPHORYL)AMINO)PROPANOATE**
[72] BRAK, KATRIEN, US
[72] CARRA, ERNEST A., US
[72] HEUMANN, LARS V., US
[72] LARSON, NATE, US
[71] GILEAD SCIENCE, INC., US
[85] 2019-10-10
[86] 2018-04-27 (PCT/US2018/029974)
[87] (WO2018/204198)
[30] US (62/492,364) 2017-05-01

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[51] **Int.Cl. D02G 3/44 (2006.01) D03D 15/00 (2006.01)**
[25] EN
[54] **FIBER-REINFORCED COMPOSITES, METHODS THEREFOR, AND ARTICLES COMPRISING THE SAME**
[54] **COMPOSITES RENFORCES PAR DES FIBRES, LEURS PROCEDES, ET ARTICLES COMPRENANT DE TELS COMPOSITES RENFORCES PAR DES FIBRES**
[72] GURIJALA, ANVESH, US
[72] SEGAL, MICHAEL, US
[71] BOSTON MATERIALS, INC., US
[85] 2019-10-10
[86] 2018-03-12 (PCT/US2018/021975)
[87] (WO2018/175134)
[30] US (62/475,667) 2017-03-23

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[51] **Int.Cl. E05B 63/00 (2006.01) E05B 9/00 (2006.01) E05B 47/02 (2006.01)**
[25] EN
[54] **MODULAR ELECTRONIC DEADBOLT SYSTEMS**
[54] **SYSTEMES DE PENE DORMANT ELECTRONIQUES MODULAIRES**
[72] TAGTOW, GARY E., US
[72] ANDERSON, MICHAEL LEE, US
[72] LAMMERS, TRACY, US
[72] HAGEMEYER, BRUCE, US
[72] CRIDDLE, DOUGLAS JOHN, US
[71] AMESBURY GROUP, INC., US
[85] 2019-10-10
[86] 2018-04-17 (PCT/US2018/027976)
[87] (WO2018/195081)
[30] US (62/486,659) 2017-04-18

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[13] A1
[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **EXTENSIBLE DRESSINGS**
[54] **PANSEMENTS EXTENSIBLES**
[72] CANEPPELE, LEONARDO, BR
[72] NARCIZO, ANDRE, BR
[72] ORIANI, PAULO CEASAR DE GODOY, BR
[72] RIZZO, CARMINE, US
[72] SANTOS, ANDRE LUIZ, BR
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2019-10-10
[86] 2018-04-11 (PCT/US2018/027018)
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[30] US (62/483,989) 2017-04-11

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[51] **Int.Cl. A61K 47/54 (2017.01) A61P 25/26 (2006.01)**
[25] EN
[54] **METHODS OF TREATMENT USING AN AMPHETAMINE PRODRUG**
[54] **METHODES DE TRAITEMENT A L'AIDE D'UN PROMEDICAMENT D'AMPHETAMINE**
[72] ROBERTSON, BRIGITTE A., US
[72] BARTON, NORMAN W., US
[71] SHIRE PHARMACEUTICALS INC., US
[71] ROBERTSON, BRIGITTE A., US
[71] BARTON, NORMAN W., US
[85] 2019-10-10
[86] 2018-04-10 (PCT/US2018/026973)
[87] (WO2018/191311)
[30] US (62/483,790) 2017-04-10
[30] US (62/483,779) 2017-04-10
[30] US (62/513,131) 2017-05-31
[30] US (62/513,034) 2017-05-31
[30] US (62/513,107) 2017-05-31
[30] US (62/513,016) 2017-05-31

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[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **EXTENSIBLE DRESSINGS**
[54] **PANSEMENTS EXTENSIBLES**
[72] CANEPPELE, LEONARDO, BR
[72] NARCIZO, ANDRE, BR
[72] ORIANI, PAULO CEASAR DE GODOY, BR
[72] RIZZO, CARMINE, US
[72] SANTOS, ANDRE LUIZ, BR
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2019-10-10
[86] 2018-04-11 (PCT/US2018/027022)
[87] (WO2018/191332)
[30] US (62/483,989) 2017-04-11

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[51] **Int.Cl. E05B 47/00 (2006.01) E05B 81/62 (2014.01) E05B 47/02 (2006.01)**
[25] EN
[54] **DOOR LOCK DETECTION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE SERRURE DE PORTE**
[72] CATERINO, MARK, US
[71] ASSA ABLOY RESIDENTIAL GROUP, INC., US
[85] 2019-10-10
[86] 2018-04-18 (PCT/US2018/028066)
[87] (WO2018/195141)
[30] US (62/486,754) 2017-04-18
[30] US (15/946,811) 2018-04-06

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[51] **Int.Cl. B63H 21/21 (2006.01) B63J 99/00 (2009.01) B63B 49/00 (2006.01)**
[25] EN
[54] **CONTROL AND AUDIO SYSTEMS FOR A BOAT**
[54] **SYSTEMES DE COMMANDE ET AUDIO DANS UN BATEAU**
[72] LYNEMA, CHAD A., US
[72] EKERN, DAVID F., US
[71] MASTERCRAFT BOAT COMPANY, LLC, US
[85] 2019-10-10
[86] 2018-04-27 (PCT/US2018/029710)
[87] (WO2018/204170)
[30] US (62/492,926) 2017-05-01
[30] US (15/633,723) 2017-06-26

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[51] **Int.Cl. A61K 31/4545 (2006.01) A61K 9/00 (2006.01) A61P 11/00 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **METHODS OF TREATMENT USING A JAK INHIBITOR COMPOUND**
[54] **METHODES DE TRAITEMENT A L'AIDE D'UN COMPOSE INHIBITEUR DE JAK**
[72] THALLADI, VENKAT R., US
[72] ZHANG, HAO, US
[72] KLEINSCHEK, MELANIE A., US
[72] CRATER, GLENN D., US
[71] THERAVANCE BIOPHARMA R&D IP, LLC, US
[85] 2019-10-10
[86] 2018-04-30 (PCT/US2018/030140)
[87] (WO2018/204233)
[30] US (62/492,568) 2017-05-01

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[13] A1
[51] **Int.Cl. H03M 13/13 (2006.01) H03M 13/09 (2006.01) H03M 13/35 (2006.01)**
[25] EN
[54] **PRIORITIZATION AND EARLY DECODING OF CONTROL FIELDS FOR POLAR CODES**
[54] **HIERARCHISATION ET DECODAGE PRECOCE DE CHAMPS DE COMMANDE POUR CODES POLAIRES**
[72] LIN, JAMIE MENJAY, US
[72] MUKKAVILLI, KRISHNA KIRAN, US
[72] SARKIS, GABI, US
[72] ANG, PETER PUI LOK, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-10-10
[86] 2018-05-11 (PCT/US2018/032429)
[87] (WO2018/213143)
[30] US (62/506,307) 2017-05-15
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[51] **Int.Cl. G01V 5/04 (2006.01)**
[25] EN
[54] **IMPROVED TEMPERATURE PERFORMANCE OF A SCINTILLATOR-BASED RADIATION DETECTOR SYSTEM**
[54] **PERFORMANCE DE TEMPERATURE AMELIOREE D'UN SYSTEME DETECTEUR DE RAYONNEMENT BASE SUR UN SCINTILLATEUR**
[72] TEAGUE, PHILIP, US
[72] STEWART, ALEX, US
[71] TEAGUE, PHILIP, US
[71] STEWART, ALEX, US
[85] 2019-10-10
[86] 2018-04-12 (PCT/US2018/027338)
[87] (WO2018/191521)
[30] US (62/484,611) 2017-04-12
[30] US (15/951,874) 2018-04-12

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[51] **Int.Cl. G06F 11/00 (2006.01) G06F 12/14 (2006.01) G06F 12/16 (2006.01) G06F 17/00 (2019.01) G06F 21/00 (2013.01)**
[25] EN
[54] **CORRELATION-DRIVEN THREAT ASSESSMENT AND REMEDIATION**
[54] **EVALUATION ET CORRECTION DE MENACES GUIDEES PAR CORRELATION**
[72] KRANING, MATTHEW, US
[72] HEON, GREGORY, US
[72] TOMAN, PAMELA, US
[71] EXPANSE, INC., US
[85] 2019-10-10
[86] 2018-05-18 (PCT/US2018/033504)
[87] (WO2018/213778)
[30] US (62/508,298) 2017-05-18
[30] US (62/586,669) 2017-11-15

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[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G09G 5/377 (2006.01)**
[25] EN
[54] **PAIRING WITH COMPANION DEVICE**
[54] **APPARIEMENT AVEC UN DISPOSITIF COMPAGNON**
[72] SINGH, NITIN, US
[72] KAEHLER, ADRIAN, US
[71] MAGIC LEAP, INC., US
[85] 2019-10-10
[86] 2018-05-17 (PCT/US2018/033242)
[87] (WO2018/217542)
[30] US (62/509,427) 2017-05-22

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4523 (2006.01) A61P 11/00 (2006.01) A61P 27/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF A JAK INHIBITOR COMPOUND**
[54] **FORMES CRISTALLINES D'UN COMPOSE INHIBITEUR DE JAK**
[72] DABROS, MARTA, US
[72] THALLADI, VENKAT R., US
[72] NZEREM, JERRY, US
[72] KLEINSCHEK, MELANIE A., US
[72] CRATER, GLENN D., US
[71] THERAVANCE BIOPHARMA R&D IP, LLC, US
[85] 2019-10-10
[86] 2018-04-30 (PCT/US2018/030144)
[87] (WO2018/204236)
[30] US (62/492,571) 2017-05-01

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[13] A1
[51] **Int.Cl. F16C 17/24 (2006.01) F16C 33/12 (2006.01) F16C 33/14 (2006.01)**
[25] EN
[54] **MULTI-LAYER SINTERED BUSHINGS AND BEARINGS**
[54] **BAGUES ET PALIERS FRITTES MULTICOUCHES**
[72] FARTHING, LESLIE JOHN, GB
[72] WELLMANN, JENS, DE
[71] TENNECO INC., US
[85] 2019-10-10
[86] 2018-04-13 (PCT/US2018/027414)
[87] (WO2018/191576)
[30] US (62/485,581) 2017-04-14
[30] US (15/951,688) 2018-04-12

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[51] **Int.Cl. H04W 52/14 (2009.01) H04W 52/18 (2009.01) H04W 52/32 (2009.01) H04W 52/34 (2009.01) H04L 5/00 (2006.01)**
[25] EN
[54] **TRANSMIT POWER AND FREQUENCY HOPPING CONFIGURATIONS FOR CONTROL INFORMATION TRANSMISSIONS**
[54] **CONFIGURATIONS DE PUISSANCE DE TRANSMISSION ET DE SAUTS DE FREQUENCE POUR TRANSMISSIONS D'INFORMATIONS DE COMMANDE**
[72] HOSSEINI, SEYEDKIANOUSH, US
[72] CHEN, WANSHI, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-10-10
[86] 2018-05-25 (PCT/US2018/034732)
[87] (WO2018/218200)
[30] US (62/511,921) 2017-05-26
[30] US (15/988,144) 2018-05-24

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR MODIFICATION OF A CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR (CFTR) GENE**
[54] **METHODES ET COMPOSITIONS POUR LA MODIFICATION D'UN GENE REGULATEUR DE LA CONDUCTANCE TRANSMEMBRANAIRE DE LA MUCOVISCIDOSE (CFTR)**
[72] CONWAY, ANTHONY, US
[71] SANGAMO THERAPEUTICS, INC., US
[85] 2019-10-10
[86] 2018-05-02 (PCT/US2018/030604)
[87] (WO2018/204469)
[30] US (62/500,832) 2017-05-03
[30] US (62/522,870) 2017-06-21

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[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/00 (2006.01) A61B 5/024 (2006.01) A61B 5/029 (2006.01) A61B 5/0295 (2006.01)**
[25] EN
[54] **NON-INVASIVE VENOUS WAVEFORM ANALYSIS FOR EVALUATING A SUBJECT**
[54] **ANALYSE DE FORME D'ONDE VEINEUSE NON INVASIVE POUR EVALUER UN SUJET**
[72] BROPHY, COLLEEN M., US
[72] HOCKING, KYLE M., US
[72] EAGLE, SUSAN S., US
[72] BAUDENBACHER, FRANZ J., US
[72] ALVIS, BRET D., US
[71] VANDERBILT UNIVERSITY, US
[85] 2019-10-10
[86] 2018-04-13 (PCT/US2018/027439)
[87] (WO2018/191588)
[30] US (62/485,423) 2017-04-14

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[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/18 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR IMPROVING THE ENERGY EFFICIENCY OF CARBON DIOXIDE CAPTURE**
[54] **PROCEDES ET SYSTEMES D'AMELIORATION DU RENDEMENT ENERGETIQUE DE LA CAPTURE DU DIOXYDE DE CARBONE**
[72] MATHIAS, PAUL M., US
[72] REDDY, SATISH, US
[72] YONKOSKI, JOSEPH, US
[71] FLUOR TECHNOLOGIES CORPORATION, US
[85] 2019-10-10
[86] 2018-06-12 (PCT/US2018/037085)
[87] (WO2018/231814)
[30] US (15/621,889) 2017-06-13

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[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61B 50/30 (2016.01) B02C 19/00 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR NEEDLE DISPOSAL**
[54] **DISPOSITIFS ET PROCEDES POUR L'ELIMINATION DES AIGUILLES**
[72] KROMHOLZ, LEO RONALD, US
[71] BLEXX TECHNOLOGY, LLC, US
[85] 2019-10-10
[86] 2018-04-13 (PCT/US2018/027576)
[87] (WO2018/191671)
[30] US (62/485,032) 2017-04-13

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[13] A1
[51] **Int.Cl. C12N 9/00 (2006.01) C12N 9/10 (2006.01) C12N 15/52 (2006.01) C12N 15/82 (2006.01) C12P 7/22 (2006.01) C12P 7/42 (2006.01) C12P 17/06 (2006.01)**
[25] EN
[54] **NEUROTRANSMITTERS AND METHODS OF MAKING THE SAME**
[54] **NEUROTRANSMETTEURS ET LEURS PROCEDES DE FABRICATION**
[72] RUDENKO, GEORGE, US
[72] ROBERT, EVANS, US
[71] PURISSIMA, INC., US
[85] 2019-10-10
[86] 2018-05-04 (PCT/US2018/031212)
[87] (WO2018/204859)
[30] US (62/501,747) 2017-05-05

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[13] A1
[51] **Int.Cl. G06F 8/60 (2018.01) G06F 8/70 (2018.01) G06F 9/46 (2006.01)**
[25] EN
[54] **TECHNOLOGIES FOR CREATING AND DISTRIBUTING INTEGRATION CONNECTORS IN A CLOUD SERVICE BROKERAGE SYSTEM**
[54] **TECHNOLOGIES POUR CREER ET DISTRIBUER DES CONNECTEURS D'INTEGRATION DANS UN SYSTEME DE COURTAGE DE SERVICES INFONUAGIQUES**
[72] GREBENSHIKOV, VLADIMIR, RU
[72] KUZKIN, MAXIM, US
[72] KHAEROV, ALEKSANDR, RU
[71] INGRAM MICRO INC., US
[85] 2019-10-10
[86] 2018-04-13 (PCT/US2018/027596)
[87] (WO2018/191680)
[30] US (62/485,665) 2017-04-14

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[13] A1
[51] **Int.Cl. C21D 1/76 (2006.01) C21C 5/00 (2006.01) F23C 1/12 (2006.01)**
[25] EN
[54] **METHOD AND BURNER FOR HEATING A FURNACE FOR METAL PROCESSING**
[54] **PROCEDE ET BRULEUR POUR CHAUFFER UN FOUR POUR LE TRAITEMENT DE METAUX**
[72] ADENDORFF, MARTIN, CN
[72] VON SCHEELE, JOACHIM, CN
[71] LINDE AKITIENGESELLSCHAFT, DE
[85] 2019-10-11
[86] 2017-04-26 (PCT/CN2017/081959)
[87] (WO2018/195789)

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[13] A1
[51] **Int.Cl. A61F 2/06 (2013.01) A61K 39/395 (2006.01) A61L 27/54 (2006.01)**
[25] EN
[54] **MEDICAL DEVICES COATED WITH POLYDOPAMINE AND ANTIBODIES**
[54] **DISPOSITIFS MEDICAUX REVETUS DE POLYDOPAMINE ET D'ANTICORPS**
[72] KUTRYK, MICHAEL J.B., CA
[71] ORBUSNEICH MEDICAL PTE. LTD., SG
[85] 2019-10-10
[86] 2018-04-13 (PCT/US2018/027597)
[87] (WO2018/191681)
[30] US (62/485,223) 2017-04-13
[30] US (62/645,606) 2018-03-20

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[13] A1
[51] **Int.Cl. G01S 13/91 (2006.01) G01S 13/93 (2006.01)**
[25] EN
[54] **VEHICLE-MOUNTED LIGHT DETECTION AND RANGING (LIDAR) SYSTEM**
[54] **SYSTEME DE DETECTION ET DE TELEMETRIE PAR LA LUMIERE (LIDAR) MONTE SUR UN VEHICULE**
[72] YU, AIHUA, CN
[72] HUA, YIMIN, CN
[71] O-NET COMMUNICATIONS (SHENZHEN) LIMITED, CN
[85] 2019-10-11
[86] 2017-05-17 (PCT/CN2017/084743)
[87] (WO2018/209606)

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[13] A1
[51] **Int.Cl. A61K 9/16 (2006.01) A23K 20/195 (2016.01) A23K 40/10 (2016.01) A23K 50/75 (2016.01) A61K 31/192 (2006.01)**
[25] EN
[54] **COMPOSITION HAVING IMPROVED FLOWABILTY AND METHOD FOR MAKING AND USING THE COMPOSITION**
[54] **COMPOSITION AYANT UNE FLUIDITE AMELIOREE ET PROCEDES DE FABRICATION ET D'UTILISATION DE LA COMPOSITION**
[72] WILKINSON, IAN, US
[72] FAHRENHOLZ, CHARLES H., US
[71] PHIBRO ANIMAL HEALTH CORPORATION, US
[85] 2019-10-10
[86] 2018-06-26 (PCT/US2018/039569)
[87] (WO2019/005843)
[30] US (62/526,775) 2017-06-29

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[13] A1
[51] **Int.Cl. C07K 16/44 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **HUMANIZED MONOCLONAL ADVANCED GLYCATION END-PRODUCT ANTIBODY**
[54] **ANTICORPS MONOCLONAL HUMANISE DE PRODUIT FINAL DE GLYCATION AVANCEE**
[72] GRUBER, LEWIS S., US
[71] SIWA CORPORATION, US
[85] 2019-10-10
[86] 2018-04-13 (PCT/US2018/027653)
[87] (WO2018/191718)
[30] US (62/485,246) 2017-04-13

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/026 (2006.01)**
[25] EN
[54] **NON-INVASIVE HEMODYNAMIC ASSESSMENT VIA INTERROGATION OF BIOLOGICAL TISSUE USING A COHERENT LIGHT SOURCE**
[54] **EVALUATION HEMODYNAMIQUE NON INVASIVE PAR INTERROGATION D'UN TISSU BIOLOGIQUE A L'AIDE D'UNE SOURCE DE LUMIERE COHERENTE**
[72] RICE, TYLER BYWATERS, US
[72] GHIJSEN, MICHAEL, US
[72] TROMBERG, BRUCE J., US
[72] YANG, BRUCE YEE, US
[72] WHITE, SEAN MICHAEL, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] LASER ASSOCIATED SCIENCES, INC., US
[85] 2019-10-10
[86] 2018-04-16 (PCT/US2018/027769)
[87] (WO2018/191745)
[30] US (15/488,263) 2017-04-14

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[13] A1
[51] **Int.Cl. C08F 210/14 (2006.01) C08F 8/14 (2006.01) C08F 222/06 (2006.01) C09K 8/524 (2006.01)**
[25] EN
[54] **MALEIC ANHYDRIDE COPOLYMER WITH BROADLY DISPERSED ESTER SIDE CHAIN AS WAX INHIBITOR AND WAX CRYSTALLATION ENHANCER**
[54] **COPOLYMERE D'ANHYDRIDE MALEIQUE AYANT UNE CHAINE LATERALE ESTER LARGEMENT DISPERSEE EN TANT QU'INHIBITEUR DE CIRE ET ACTIVATEUR DE CRISTALLISATION DE CIRE**
[72] XIE, XIAOAN, CN
[72] PENG, WENQING, CN
[72] BAGARIA, HITESH GHANSHYAM, US
[72] PATEL, NIMESHKUMAR KANTILAL, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-10-11
[86] 2018-04-06 (PCT/CN2018/082088)
[87] (WO2018/188523)
[30] CN (201710240505.9) 2017-04-13
[30] US (PCT/US2017/068460) 2017-12-27

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[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **RANDOM ACCESS METHOD, RANDOM ACCESS RESPONSE METHOD, TERMINAL DEVICE, AND NETWORK DEVICE**
[54] **PROCEDE D'ACCES ALEATOIRE ET DE REPONSE, DISPOSITIF TERMINAL ET DISPOSITIF RESEAU**
[72] YAN, MAO, CN
[72] CHEN, LEI, CN
[72] HUANG, HUANG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-10-11
[86] 2018-04-13 (PCT/CN2018/083009)
[87] (WO2018/188652)
[30] CN (201710245574.9) 2017-04-14

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[51] **Int.Cl. C23C 22/36 (2006.01) C23C 22/73 (2006.01) C23C 22/78 (2006.01)**
[25] EN
[54] **METHOD FOR ZINC PHOSPHATING METAL COMPONENTS IN SERIES IN A SLUDGE-FREE MANNER SO AS TO FORM LAYERS**
[54] **PROCEDE DE PHOSPHATATION AU ZINC, FILMOGENE ET EXEMPTE DE BOUE, D'ELEMENTS METALLIQUES EN SERIE**
[72] BROUWER, JAN-WILLEM, DE
[72] PILAREK, FRANK-OLIVER, DE
[72] RESANO ARTALEJO, FERNANDO JOSE, DE
[72] KROMER, JENS, DE
[72] HAMACHER, MATTHIAS, DE
[72] BALZER, MARC, DE
[71] HENKEL AG & CO. KGAA, DE
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[51] **Int.Cl. B01D 53/86 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR THE REMOVAL OF PARTICULATE MATTER AND NOXIOUS COMPOUNDS FROM FLUE-GAS USING A CERAMIC FILTER WITH AN SCR CATALYST**
[54] **PROCEDE ET SYSTEME POUR L'ELIMINATION DE MATIERE PARTICULAIRE ET DE COMPOSES NOCIFS DE GAZ DE COMBUSTION A L'AIDE D'UN FILTRE CERAMIQUE AYANT UN CATALYSEUR SCR**
[72] GABRIELSSON, PAR L.T., SE
[71] HALDOR TOPSOE A/S, DK
[85] 2019-10-11
[86] 2018-04-05 (PCT/EP2018/058750)
[87] (WO2018/197177)
[30] DK (PA 2017 00265) 2017-04-26
[30] DK (PA 2017 00278) 2017-05-02
[30] DK (PA 2017 00288) 2017-05-08

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[25] EN
[54] **METHOD AND APPARATUS FOR FILLING SYRINGES WITH RETRACTABLE NEEDLE**
[54] **PROCEDE ET APPAREIL POUR LE REMPLISSAGE DE SERINGUES A AIGUILLE RETRACTABLE**
[72] REISENBURG MOLSON, CATHERINE, CA
[71] IINJEC TECHNOLOGIES INC. / LES TECHNOLOGIES IINJEC INC., CA
[85] 2019-10-11
[86] 2017-12-06 (PCT/CA2017/000263)
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[25] EN
[54] **LOUDSPEAKER WITH A ROLLABLE MEMBRANE**
[54] **HAUT-PARLEUR AVEC MEMBRANE ENROULABLE**
[72] BOSNECKER, ROBERT, DE
[71] AIFC-U UNTERNEHMENSFORDERUNG, DE
[85] 2019-10-11
[86] 2018-04-05 (PCT/EP2018/058781)
[87] (WO2018/189034)
[30] DE (10 2017 107 958.0) 2017-04-12

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[51] **Int.Cl. A61B 5/0402 (2006.01) A61B 5/0408 (2006.01) A61B 5/044 (2006.01)**
[25] EN
[54] **WEARABLE DEVICE**
[54] **DISPOSITIF POUVANT ETRE PORTE**
[72] YANG, RONGGUANG, CN
[72] SUN, SHIYOU, CN
[72] ZHAO, MENGLONG, CN
[72] ZHANG, BIN, CN
[72] LIU, GUANGSHENG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-10-11
[86] 2017-05-23 (PCT/CN2017/085438)
[87] (WO2018/129847)
[30] CN (201710025534.3) 2017-01-13

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[51] **Int.Cl. H04B 10/07 (2013.01) H04B 10/40 (2013.01)**
[25] EN
[54] **MONITORING INDICTION SYSTEM OF OPTICAL MODULE**
[54] **SYSTEME DE SURVEILLANCE ET D'INDICATION DE MODULE OPTIQUE**
[72] YI, YE, CN
[72] ZENG, ZHAOFENG, CN
[71] O-NET COMMUNICATIONS (SHENZHEN) LIMITED, CN
[85] 2019-10-11
[86] 2017-09-27 (PCT/CN2017/103682)
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[25] EN
[54] **MULTIKINASE INHIBITORS OF VEGF AND TGF BETA AND USES THEREOF**
[54] **INHIBITEURS MULTIKINASES DU VEGF ET DU TGF-BETA ET UTILISATIONS ASSOCIEES**
[72] TANG-LIU, DIANE, US
[72] DEVRIES, GERALD WOODROW, US
[71] AIVIVA BIOPHARMA, INC., US
[85] 2019-08-12
[86] 2018-02-12 (PCT/US2018/017810)
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[51] **Int.Cl. E04F 15/02 (2006.01) E04F 21/00 (2006.01) E04F 21/18 (2006.01)**
[25] EN
[54] **A FLOORING BOARD SPACING ASSEMBLY**
[54] **ENSEMBLE D'ESPACEMENT DE LAME DE PARQUET**
[72] HAAS, PETER, AU
[71] DECKTEC PTY LTD, AU
[85] 2019-10-11
[86] 2018-04-10 (PCT/AU2018/050325)
[87] (WO2018/187837)
[30] AU (2017100418) 2017-04-12
[30] AU (2017202416) 2017-04-12

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[51] **Int.Cl. C07D 239/54 (2006.01) A61K 31/505 (2006.01) A61P 5/02 (2006.01)**
[25] EN
[54] **ACID ADDITION SALTS OF AN ORALLY AVAILABLE GONADOTROPIN-RELEASING HORMONE RECEPTOR ANTAGONIST**
[54] **SELS D'ADDITION D'ACIDE D'UN ANTAGONISTE DU RECEPTEUR DE L'HORMONE DE LIBERATION DE LA GONADOTROPINE DISPONIBLE PAR VOIE ORALE**
[72] MARTIN, NOLWENN, AT
[72] SCHREINER, ERWIN PAUL, AT
[72] SILBERBERGER, HERBERT, AT
[71] SANDOZ AG, CH
[85] 2019-10-11
[86] 2018-04-11 (PCT/EP2018/059218)
[87] (WO2018/189212)
[30] EP (17166263.8) 2017-04-12
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[51] **Int.Cl. B65B 31/04 (2006.01) B65D 51/16 (2006.01) B65D 81/20 (2006.01) B65B 57/00 (2006.01)**
[25] EN
[54] **CONTAINER INTENDED FOR VACUUM-STORAGE OF FOODS, COVER, ASSEMBLY COMPRISING THE CONTAINER AND THE COVER AND SYSTEM FOR VACUUM-PACKING FOODS**
[54] **RECIPIENT DESTINE A LA CONSERVATION D'ALIMENTS SOUS VIDE, COUVERCLE, ENSEMBLE COMPRENANT LE RECIPIENT ET LE COUVERCLE ET SYSTEME DE MISE D'ALIMENTS SOUS VIDE**
[72] BOURREC, JEAN-FRANCOIS, FR
[71] BOURREC, JEAN-FRANCOIS, FR
[85] 2019-10-11
[86] 2018-04-13 (PCT/EP2018/059485)
[87] (WO2018/189351)
[30] FR (1753286) 2017-04-14

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[51] **Int.Cl. C07K 14/20 (2006.01) A61K 39/02 (2006.01)**
[25] EN
[54] **MULTIVALENT OSPA POLYPEPTIDES AND METHODS AND USES RELATING THERETO**
[54] **POLYPEPTIDES OSPA MULTIVALENTS, PROCEDES ET UTILISATIONS ASSOCIES**
[72] LUNDBERG, URBAN, AT
[72] MEINKE, ANDREAS, AT
[72] NAYAK, ABHIJEET, NL
[72] SCHULER, WOLFGANG, AT
[71] VALNEVA AUSTRIA GMBH, AT
[85] 2019-10-11
[86] 2018-04-13 (PCT/EP2018/059533)
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[51] **Int.Cl. G01N 33/68 (2006.01) H01J 49/04 (2006.01)**
[25] EN
[54] **SINGLE-CELL IMAGING MASS SPECTROMETRY**
[54] **SPECTROMETRIE DE MASSE COMBINEE A L'IMAGERIE MONOCELLULAIRE**
[72] ALEXANDROV, THEODORE, DE
[72] RAPPEZ, LUCA, DE
[71] EUROPEAN MOLECULAR BIOLOGY LABORATORY, DE
[85] 2019-10-11
[86] 2018-04-13 (PCT/EP2018/059515)
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[30] EP (17166487.3) 2017-04-13

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[51] **Int.Cl. F03D 5/00 (2006.01)**
[25] EN
[54] **HIGH-ALTITUDE WIND TURBINE TETHERED TO THE GROUND**
[54] **EOLIENNE REGLABLE EN HAUTEUR RATTACHEE AU SOL**
[72] WOLL, OLIVER, DE
[71] SANFRITSCH GMBH, DE
[85] 2019-10-11
[86] 2018-04-13 (PCT/EP2018/059545)
[87] (WO2018/189378)
[30] DE (10 2017 206 419.6) 2017-04-13

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[51] **Int.Cl. C07K 16/30 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/46 (2006.01) C07K 19/00 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **CONSTRUCTS SPECIFICALLY RECOGNIZING GLYPICAN 3 AND USES THEREOF**
[54] **CONSTRUCTIONS RECONNAISSANT SPECIFIQUEMENT LE GLYPICANE 3 ET UTILISATIONS DE CES DERNIERES**
[72] ZHANG, PENGBO, US
[72] XU, YIYANG, US
[72] MORALES, JAVIER, US
[72] NAKANO, YOKO, US
[72] LIU, HONG, US
[72] XIANG, JINGYI, US
[72] ACKER, TIMOTHY, US
[71] EUREKA THERAPEUTICS, INC., US
[85] 2019-10-10
[86] 2018-04-24 (PCT/US2018/029221)
[87] (WO2018/200586)
[30] US (62/490,586) 2017-04-26

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[13] A1
[51] **Int.Cl. E05F 15/63 (2015.01)**
[25] EN
[54] **SWING DOOR OPERATOR**
[54] **ACTIONNEUR DE PORTE BATTANTE**
[72] SODERQVIST, SVEN-GUNNAR, SE
[71] ASSA ABLOY ENTRANCE SYSTEMS AB, SE
[85] 2019-10-11
[86] 2018-04-23 (PCT/EP2018/060256)
[87] (WO2018/197367)
[30] SE (1730112-8) 2017-04-24

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[51] **Int.Cl. B60H 1/00 (2006.01) B60H 1/24 (2006.01) B60H 3/06 (2006.01) F02D 41/00 (2006.01) F02M 35/10 (2006.01)**
[25] FR
[54] **SYSTEM FOR PRESSURISING THE CABIN OF A VEHICLE OPERATING IN PARTICLE-LADEN AIR**
[54] **SYSTEME DE PRESSURISATION DE LA CABINE D'UN ENGIN TRAVAILLANT DANS UN AIR CHARGE DE PARTICULES**
[72] PERRIN, JEAN-LUC, FR
[71] ELIATIS, FR
[85] 2019-10-11
[86] 2018-04-12 (PCT/FR2018/050916)
[87] (WO2018/189487)
[30] FR (1753301) 2017-04-14

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[51] **Int.Cl. A61B 17/135 (2006.01) A61H 23/04 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR INCREASING CEREBRAL BLOOD FLOW**
[54] **METHODES ET APPAREIL POUR ACCROITRE LE DEBIT SANGUIN CEREBRAL**
[72] BHOGAL, PERVINDER SINGH, GB
[71] BHOGAL, PERVINDER SINGH, GB
[85] 2019-10-11
[86] 2018-04-13 (PCT/EP2018/059589)
[87] (WO2018/189391)
[30] GB (1706001.3) 2017-04-13
[30] GB (1711070.1) 2017-07-10
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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/40 (2006.01)**
[25] EN
[54] **A PROCESS FOR PREPARING A DRY POWDER FORMULATION COMPRISING AN ANTICHOLINERGIC, A CORTICOSTEROID AND A BETA-ADRENERGIC**
[54] **PROCEDE DE PREPARATION D'UNE FORMULATION DE POUDRE SECHE COMPRENANT UN ANTICHOLINERGIQUE, UN CORTICOSTEROIDE ET UN BETA-ADRENERGIQUE**
[72] CAVECCHI, ALESSANDRO, IT
[72] MERUSI, CRISTIANA, IT
[72] PIVETTI, FAUSTO, IT
[72] SCHIARETTI, FRANCESCA, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
[85] 2019-10-11
[86] 2018-05-09 (PCT/EP2018/061955)
[87] (WO2018/206619)
[30] EP (17170632.8) 2017-05-11

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[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **DATA SECURITY**
[54] **SECURITE DES DONNEES**
[72] CHENG, LAWRENCE, GB
[72] GOLDSTONE, JEREMY, GB
[71] BARCLAYS SERVICES LIMITED, GB
[85] 2019-10-11
[86] 2018-04-13 (PCT/GB2018/050988)
[87] (WO2018/189555)
[30] GB (1706015.3) 2017-04-13

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[13] A1
[51] **Int.Cl. C12M 1/32 (2006.01) B01L 3/00 (2006.01) C12M 1/00 (2006.01) C12M 1/26 (2006.01) C12M 1/34 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING A LIQUID SAMPLE**
[54] **PROCEDE DE TRAITEMENT D'UN ECHANTILLON LIQUIDE**
[72] SCHONDUBE, JONAS, DE
[72] CHENGHAN, TSAI, DE
[72] GROSS, ANDRE, DE
[72] ZIMMERMANN, STEFAN, DE
[72] KOLTAY, PETER, DE
[71] CYTENA GMBH, DE
[85] 2019-10-11
[86] 2018-04-13 (PCT/EP2018/059601)
[87] (WO2018/189397)
[30] LU (100170) 2017-04-13

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[13] A1
[51] **Int.Cl. B63B 22/22 (2006.01)**
[25] FR
[54] **BUOY**
[54] **BOUEE**
[72] PREVEL, FLORIAN, FR
[72] CARERIC, ROMAIN, FR
[71] THALES, FR
[85] 2019-10-11
[86] 2018-04-13 (PCT/EP2018/059571)
[87] (WO2018/189388)
[30] FR (17/00419) 2017-04-14

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[13] A1
[51] **Int.Cl. E21B 21/00 (2006.01) E21B 29/00 (2006.01) E21B 31/16 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO WELL ABANDONMENT AND SLOT RECOVERY**
[54] **AMELIORATIONS APPORTEES OU SE RAPPORTANT A L'ABANDON DE PUITS ET A LA RECUPERATION DE FENTES**
[72] FAIRWEATHER, ALAN, GB
[71] ARDYNE HOLDINGS LIMITED, GB
[85] 2019-10-11
[86] 2018-05-03 (PCT/GB2018/051180)
[87] (WO2018/203062)
[30] GB (1707131.7) 2017-05-04
[30] GB (1707135.8) 2017-05-04

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 29/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **PYRAZOLO[1,5-A]PYRIMIDINE DERIVATIVES AS KINASE JAK INHIBITORS**
[54] **DERIVES DE PYRAZOLE[1,5-A]PYRIMIDINE UTILISES EN TANT QU'INHIBITEURS DE KINASE JAK**
[72] MROCZKIEWICZ, MICHAL, PL
[72] STYPIK, BARTOSZ, PL
[72] BUJAK, ANNA, PL
[72] SZYMCZAK, KRZYSZTOF, PL
[72] GUNERKA, PAWEL, PL
[72] DUBIEL, KRZYSZTOF, PL
[72] WIECZOREK, MACIEJ, PL
[72] PIECZYKOLAN, JERZY, PL
[71] CELON PHARMA S.A., PL
[85] 2019-10-11
[86] 2018-05-10 (PCT/EP2018/062164)
[87] (WO2018/206739)
[30] PL (PL421576) 2017-05-12

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[13] A1
[51] **Int.Cl. E21B 21/00 (2006.01) E21B 29/00 (2006.01) E21B 31/00 (2006.01) E21B 31/16 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO WELL ABANDONMENT AND SLOT RECOVERY**
[54] **AMELIORATIONS APPORTEES OU SE RAPPORTANT A L'ABANDON DE PUITS ET A LA RECUPERATION DE FENTES**
[72] FAIRWEATHER, ALAN, GB
[71] ARDYNE TECHNOLOGIES LIMITED, GB
[85] 2019-10-11
[86] 2018-05-03 (PCT/GB2018/051181)
[87] (WO2018/203063)
[30] GB (1707135.8) 2017-05-04
[30] GB (1707131.7) 2017-05-04

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[13] A1
[51] **Int.Cl. E21B 23/04 (2006.01) E21B 31/00 (2006.01) E21B 31/20 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO WELL ABANDONMENT AND SLOT RECOVERY**
[54] **AMELIORATIONS APPORTEES OU SE RAPPORTANT A L'ABANDON DE PUITS ET A LA RECUPERATION DE FENTES**
[72] WARDLEY, MICHAEL, GB
[72] HANSEN, STEFFEN, NO
[72] LINKLATER, JAMES, GB
[71] ARDYNE HOLDINGS LIMITED, GB
[85] 2019-10-11
[86] 2018-05-03 (PCT/GB2018/051182)
[87] (WO2018/203064)
[30] GB (1707134.1) 2017-05-04

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[13] A1
[51] **Int.Cl. B60P 1/64 (2006.01) B60P 1/48 (2006.01) B65F 3/00 (2006.01)**
[25] EN
[54] **INTERCHANGING METHOD AND ARRANGEMENT FOR INTERCHANGING LOAD UNITS**
[54] **PROCEDE D'ECHANGE ET AGENCEMENT POUR L'ECHANGE D'UNITES DE CHARGEMENT**
[72] LEPPIAHO, TOMMI, FI
[71] DELETE FINLAND OY, FI
[85] 2019-10-11
[86] 2017-08-16 (PCT/FI2017/050577)
[87] (WO2017/182719)
[30] FI (20175337) 2017-04-11

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[13] A1
[51] **Int.Cl. F03D 5/00 (2006.01) F03D 13/20 (2016.01) F03D 80/00 (2016.01)**
[25] EN
[54] **CABLE FOR THE STATIONARY ATTACHMENT OF A HIGH-ALTITUDE WIND TURBINE**
[54] **CABLE POUR MONTAGE FIXE D'UNE EOLIENNE REGLABLE EN HAUTEUR**
[72] WOLL, OLIVER, DE
[71] SANFRITSCH GMBH, DE
[85] 2019-10-11
[86] 2018-04-13 (PCT/EP2018/059526)
[87] (WO2018/192851)
[30] DE (10 2017 206 747.0) 2017-04-21

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[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) C12Q 1/68 (2018.01) C40B 40/06 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IMPROVING SAMPLE IDENTIFICATION IN INDEXED NUCLEIC ACID LIBRARIES**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'AMELIORER L'IDENTIFICATION D'ECHANTILLONS DANS DES BIBLIOTHEQUES D'ACIDES NUCLEIQUES INDEXES**
[72] CHESNEY, MICHAEL, GB
[72] SMITH, VINCENT PETER, GB
[72] BEVIS-MOTT, CLAIRE, GB
[72] BOUTELL, JONATHAN MARK, GB
[72] KALBANDE, ANGELA, GB
[71] ILLUMINA CAMBRIDGE LIMITED, GB
[85] 2019-10-11
[86] 2018-04-23 (PCT/IB2018/000497)
[87] (WO2018/197945)
[30] US (62/488,825) 2017-04-23

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[13] A1
[51] **Int.Cl. C12Q 1/6806 (2018.01) C12Q 1/6837 (2018.01) C12Q 1/6855 (2018.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IMPROVING SAMPLE IDENTIFICATION IN INDEXED NUCLEIC ACID LIBRARIES**
[54] **COMPOSITIONS ET PROCEDES POUR AMELIORER L'IDENTIFICATION D'ECHANTILLONS DANS DES BIBLIOTHEQUES D'ACIDES NUCLEIQUES INDEXEES**
[72] SMITH, VINCENT PETER, GB
[72] BEVIS-MOTT, CLAIRE, GB
[72] BOUTELL, JONATHAN MARK, GB
[71] ILLUMINA CAMBRIDGE LIMITED, GB
[85] 2019-10-11
[86] 2018-04-23 (PCT/IB2018/000509)
[87] (WO2018/197950)
[30] US (62/488,824) 2017-04-23

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[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01) H04W 4/00 (2018.01) H04W 88/06 (2009.01) H04L 29/06 (2006.01)**
[25] EN
[54] **PROVIDING A PUBLIC WARNING SYSTEM MESSAGE**
[54] **FOURNITURE D'UN MESSAGE DE SYSTEME D'AVERTISSEMENT PUBLIC**
[72] BUCKLEY, ADRIAN, CA
[72] FAURIE, RENE, CA
[71] BLACKBERRY LIMITED, CA
[85] 2019-10-11
[86] 2017-05-04 (PCT/IB2017/000842)
[87] (WO2018/203103)

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[13] A1
[51] **Int.Cl. B09B 3/00 (2006.01) G06Q 10/08 (2012.01) B09B 5/00 (2006.01) B65F 1/00 (2006.01) B65F 1/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COLLECTING AND PROCESSING GLASS**
[54] **SYSTEME ET PROCEDE DE COLLECTE ET DE TRAITEMENT DU VERRE**
[72] CANNATA, GIOVANNI, IT
[72] RAIMONDI, GIANFRANCO, IT
[71] Y.E.S. S.R.L. YOUNG ECOLOGY SOCIETY, IT
[85] 2019-10-11
[86] 2018-04-10 (PCT/IB2018/052492)
[87] (WO2018/189668)
[30] IT (102017000040821) 2017-04-12

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[51] **Int.Cl. C22C 38/00 (2006.01) B22D 11/00 (2006.01) B22D 11/06 (2006.01) B22D 11/12 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/14 (2006.01) C22C 38/28 (2006.01) C22C 38/32 (2006.01)**
[25] EN
[54] **HIGH FORMABILITY STEEL SHEET FOR THE MANUFACTURE OF LIGHTWEIGHT STRUCTURAL PARTS AND MANUFACTURING PROCESS**
[54] **TOLE D'ACIER A GRANDE FORMABILITE POUR LA FABRICATION DE PIECES STRUCTURELLES LEGERES ET PROCEDE DE FABRICATION**
[72] BONNET, FREDERIC, FR
[72] BOBADILLA, MANUEL, FR
[72] BELE, BERTRAND, FR
[72] DAESCHLER, VALERIE, FR
[71] ARCELORMITTAL, LU
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[54] **TEMPERATURE CORRECTION OF VERTICAL SPEED OF AIRCRAFT**
[54] **CORRECTION DE TEMPERATURE DE VITESSE ASCENSIONNELLE D'AERONEF**
[72] CUESTA, DIMITRI, CA
[72] SAVOIE-CHIASSON, GUILLAUME, CA
[71] C SERIES AIRCRAFT MANAGING GP INC., CA
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[25] EN
[54] **GRIPPER FOR THE LIFTING OF LOADS**
[54] **DISPOSITIF DE PREHENSION DESTINE AU LEVAGE DE CHARGES**
[72] LA FERLA, DANILO, IT
[72] LA FERLA, MANLIO, IT
[71] IDROJET S.R.L., IT
[85] 2019-10-11
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[54] **DRIVING CONTROL METHOD AND DRIVING CONTROL DEVICE**
[54] **PROCEDE DE COMMANDE DE CONDUITE ET DISPOSITIF DE COMMANDE DE CONDUITE**
[72] TAKAMATSU, YOSHIRO, JP
[72] MISHINA, YOHEI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2019-10-11
[86] 2017-04-12 (PCT/JP2017/015021)
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[54] **VEHICLE CONTROL METHOD AND VEHICLE CONTROL DEVICE**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE DE VEHICULE**
[72] AKAMATSU, YUTA, JP
[72] KOBAYASHI, MASAHIRO, JP
[72] TAIRA, YASUHISA, JP
[72] FUKATA, OSAMU, JP
[72] SATO, KO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2019-10-11
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[54] **PLATE FOR SNOWBOARD BINDING**
[54] **PLAQUE PERMETTANT DE FIXER UN SURF DES NEIGES**
[72] AWAKUNI, TOMOTSUGU, JP
[71] JP TIGHT CO., LTD., JP
[85] 2019-10-11
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[54] **SYSTEMS AND METHODS FOR PERFORMING AND OPTIMIZING PERFORMANCE OF DNA-BASED NONINVASIVE PRENATAL SCREENS**
[54] **SYSTEMES ET PROCEDES DE REALISATION ET D'OPTIMISATION DES PERFORMANCES DE TESTS DE DEPISTAGE PRENATALS NON EFFRACTIFS A BASE D'ADN**
[72] HOGAN, GREGORY JOHN, US
[72] KASENIIT, KRISTJAN EERIK, US
[72] MUZZEY, DALE E., US
[71] MYRIAD WONEN'S HEALTH, INC., US
[85] 2019-10-11
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[87] (WO2018/194757)
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[54] **TRACK LINK WITH ANGLED SEAL COUNTERBORE**
[54] **MAILLON DE CHENILLE AVEC LAMAGE DE JOINT D'ETANCHEITE INCLINE**
[72] SEBRIGHT, JASON L., US
[72] JOHANNSEN, ERIC J., US
[71] CATERPILLAR INC., US
[85] 2019-10-11
[86] 2018-03-19 (PCT/US2018/023061)
[87] (WO2018/194774)
[30] US (15/488,710) 2017-04-17

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[25] EN
[54] **MODULAR SPRAY ASSEMBLY FOR A WORKING MACHINE**
[54] **ENSEMBLE DE PULVERISATION MODULAIRE DESTINE A UNE MACHINE DE TRAVAIL**
[72] CHRISTIAN, RICHARD, US
[71] ROADTEC, INC., US
[85] 2019-10-11
[86] 2018-03-19 (PCT/US2018/023104)
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[30] US (62/489,752) 2017-04-25

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[25] EN
[54] **TWO-MATERIAL P&A PLUG**
[54] **BOUCHON DE P&A A DEUX MATERIAUX**
[72] SHAFER, RANDALL S., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2019-10-11
[86] 2018-04-09 (PCT/US2018/026697)
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[25] EN
[54] **ISOXAZOLE DERIVATIVES AS NUCLEAR RECEPTOR AGONISTS AND USES THEREOF**
[54] **DERIVES D'ISOXAZOLE EN TANT QU'AGONISTES DU RECEPTEUR NUCLEAIRE ET LEUR UTILISATION**
[72] KANG, JAE-HOON, KR
[72] LEE, HONG-SUB, KR
[72] LEE, YOON-SUK, KR
[72] JEONG, JIN-AH, KR
[72] KWON, SUNG-WOOK, KR
[72] KIM, JEONG-GUEN, KR
[72] KIM, KYUNG-SUN, KR
[72] SONG, DONG-KEUN, KR
[72] PARK, SUN-YOUNG, KR
[72] KIM, KYEO-JIN, KR
[72] CHOI, JI-HYE, KR
[72] HWANG, HEY-MIN, KR
[71] IL DONG PHARMACEUTICAL CO., LTD., KR
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[30] KR (10-2017-0047393) 2017-04-12
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[25] EN
[54] **360-DEGREE VIDEO CODING USING FACE CONTINUITIES**
[54] **CODAGE DE VIDEO A 360 DEGRES UTILISANT DES CONTINUITES DE FACE**
[72] HANHART, PHILIPPE, US
[72] HE, YUWEN, US
[72] YE, YAN, US
[71] VID SCALE, INC., US
[85] 2019-10-11
[86] 2018-04-10 (PCT/US2018/026828)
[87] (WO2018/191224)
[30] US (62/484,218) 2017-04-11
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[25] EN
[54] **GARAGE DOOR OPENER SYSTEM WITH AUTO-CLOSE**
[54] **SYSTEME D'OUVERTURE DE PORTE DE GARAGE A FERMETURE AUTOMATIQUE**
[72] FAVILA, ANGEL, US
[72] SHIVAM, PUNEET, US
[71] TRANSFORM SR BRANDS, LLC, US
[85] 2019-10-11
[86] 2018-04-10 (PCT/US2018/026880)
[87] (WO2018/191260)
[30] US (15/485,930) 2017-04-12

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[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **METHOD FOR APPROVING USE OF CARD BY USING BLOCKCHAIN-BASED TOKEN ID AND SERVER USING METHOD**
[54] **PROCEDE D'APPROBATION DE L'UTILISATION D'UNE CARTE A L'AIDE D'UN IDENTIFIANT DE JETON BASE SUR UNE CHAINE DE BLOCS ET SERVEUR L'UTILISANT**
[72] SUH, MOON GJU, KR
[72] HONG, JAY WU, KR
[72] UHR, JOON SUN, KR
[71] COINPLUG, INC., KR
[85] 2019-10-11
[86] 2018-04-18 (PCT/KR2018/004521)
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[30] KR (10-2017-0049929) 2017-04-18

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[25] EN
[54] **MULTIDIMENSIONAL ACCELERATION AND/OR FORCE GAIT ANALYSIS SYSTEM FOR DIAGNOSIS**
[54] **SYSTEME MULTIDIMENSIONNEL D'ANALYSE DE FORCE ET/OU D'ACCELERATION DE DEMARCHE POUR LE DIAGNOSTIC**
[72] TASCH, URI, US
[72] DUNTHORN, JASON, US
[71] STEP ANALYSIS LLC, US
[85] 2019-10-11
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[30] US (62/487,944) 2017-04-20

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[25] EN
[54] **COMPACT MULTI-TIER PARKING GARAGE AND METHOD FOR STORING VEHICLES IN SUCH A PARKING GARAGE**
[54] **GARAGE DE STATIONNEMENT A ETAGES MULTIPLES COMPACT ET PROCEDE DE STOCKAGE DE VEHICULES DANS UN TEL GARAGE DE STATIONNEMENT**
[72] KAPPE, JANTINUS, NL
[71] KAPPE INTERMEDIAIR B.V., NL
[85] 2019-10-11
[86] 2018-04-11 (PCT/NL2018/050223)
[87] (WO2018/190710)
[30] NL (2018687) 2017-04-11

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[25] EN
[54] **ELECTRO-PNEUMATIC CONVERTERS AND RELATED METHODS**
[54] **CONVERTISSEURS ELECTRO-PNEUMATIQUES ET PROCEDES ASSOCIES**
[72] FONTAINE, MICHAEL R., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2019-10-11
[86] 2018-04-11 (PCT/US2018/027013)
[87] (WO2018/194887)
[30] US (15/491,533) 2017-04-19

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[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **EXTENSIBLE DRESSINGS**
[54] **PANSEMENTS EXTENSIBLES**
[72] CANEPPELE, LEONARDO, BR
[72] NARCIZO, ANDRE, BR
[72] ORIANI, PAULO CEASAR DE GODOY, BR
[72] RIZZO, CARMINE, US
[72] SANTOS, ANDRE LUIZ, BR
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[86] 2018-04-11 (PCT/US2018/027017)
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[25] EN
[54] **A METHOD FOR PREPARING AN ACTIVATED LIGNIN COMPOSITION**
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION DE LIGNINE ACTIVEE**
[72] JOBBER, ANDREW SIDNEY, NL
[72] FERRARI, LUCA, NL
[72] HELWEGEN, KIM MECHTILDA FERDINAND, NL
[72] KAZEMI, SOMAYEH, NL
[72] VIRTANEN, ATTE ILARI, NL
[71] TRESPA INTERNATIONAL B.V., NL
[85] 2019-10-11
[86] 2018-04-16 (PCT/NL2018/050235)
[87] (WO2018/190720)
[30] NL (2018722) 2017-04-14

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[54] **AUXILIARY POWER SYSTEM**
[54] **SYSTEME D'ALIMENTATION AUXILIAIRE**
[72] RUMBAUGH, SCOTT, US
[72] DEN BESTE, WILLIAM, US
[72] ORZECK, TOREN, US
[71] OX PARTNERS, LLC, US
[85] 2019-10-11
[86] 2018-04-11 (PCT/US2018/027031)
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[30] US (15/488,396) 2017-04-14

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[25] EN
[54] **INFLOW DEVICE**
[54] **DISPOSITIF D'ECOULEMENT ENTRANT**
[72] PETTERSEN, KETIL, NO
[72] KJELDBY, TOR KINDSBEKKEN, NO
[71] EQUINOR ENERGY AS, NO
[85] 2019-10-11
[86] 2018-04-05 (PCT/NO2018/050092)
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[30] GB (1705921.3) 2017-04-12

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[51] **Int.Cl. A61K 31/4709 (2006.01) A61P 27/16 (2006.01) A61P 29/00 (2006.01)**
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[54] **PRE-FILLED SYRINGE CONTAINING MOXIFLOXACIN**
[54] **SERINGUE PRE-REMPLIE CONTENANT DE LA MOXIFLOXACINE**
[72] YUAN, XUDONG, US
[72] MO, Y. JOSEPH, US
[71] NAL PHARMACEUTICAL GROUP LIMITED, CN
[71] MO, Y. JOSEPH, US
[85] 2019-10-11
[86] 2018-04-11 (PCT/US2018/027072)
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[30] US (62/485,519) 2017-04-14

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[51] **Int.Cl. C07C 259/06 (2006.01) A61K 31/16 (2006.01) A61K 51/04 (2006.01)**
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[54] **HDAC6 INHIBITORS AND IMAGING AGENTS**
[54] **INHIBITEURS DE HDAC6 ET AGENTS D'IMAGERIE**
[72] ROKKA, JOHANNA KAARINA, US
[72] HOOKER, JACOB, US
[72] WANG, CHANGNING, US
[72] STREBL-BANTILLO, MARTIN GEORG, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[51] **Int.Cl. A61K 38/16 (2006.01) B82Y 5/00 (2011.01) A61K 47/64 (2017.01) A61K 39/12 (2006.01) A61K 39/39 (2006.01) A61K 39/395 (2006.01) A61K 41/00 (2006.01) A61K 47/42 (2017.01)**
[25] EN
[54] **TARGETED COMBINATION THERAPY**
[54] **POLYTHERAPIE CIBLEE**
[72] DE LOS PINOS, ELISABET, US
[72] SCHILLER, JOHN TODD, US
[72] KINES, RHONDA C., US
[71] AURA BIOSCIENCES, INC., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2019-10-11
[86] 2018-04-11 (PCT/US2018/027080)
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[30] US (62/484,693) 2017-04-12

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[51] **Int.Cl. A61K 31/4427 (2006.01) A61K 31/4439 (2006.01) A61K 31/519 (2006.01)**
[25] EN
[54] **METHODS OF TREATING LIVER DISEASE**
[54] **METHODES DE TRAITEMENT D'UNE MALADIE HEPATIQUE**
[72] BATES, JAMIE GEIER, US
[72] BRECKENRIDGE, DAVID GORDON CLARKSON, US
[72] BUDAS, GRANT RAYMOND, US
[72] LILES, JOHN T., US
[71] GILEAD SCIENCES, INC., US
[85] 2019-10-11
[86] 2018-04-11 (PCT/US2018/027131)
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[30] US (62/484,652) 2017-04-12

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[25] EN
[54] **INTERNAL COMBUSTION ENGINE WITH TWO WORKING SPACES OF A CYLINDER**
[54] **MOTEUR A COMBUSTION INTERNE CONTENANT DEUX ESPACES DE TRAVAIL D'UN CYLINDRE**
[72] GAJ-JABLONSKI, WOJCIECH, PL
[71] GAJ-JABLONSKI, WOJCIECH, PL
[85] 2019-10-11
[86] 2017-04-13 (PCT/PL2017/000042)
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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 39/40 (2006.01)**
[25] EN
[54] **AZIRIDINE CONTAINING EPOTHILONE ANALOGS, METHODS OF SYNTHESIS, METHODS OF TREATMENT, AND DRUG CONJUGATES**
[54] **ANALOGUES D'EPOTHILONE CONTENANT DE L'AZIRIDINE, PROCEDES DE SYNTHESE, METHODES DE TRAITEMENT, ET CONJUGUES MEDICAMENTEUX DE CEUX-CI**
[72] NICOLAOU, KYRIACOS C., US
[72] RHOADES, DEREK, US
[72] WANG, YANPING, US
[71] WILLIAM MARSH RICE UNIVERSITY, US
[85] 2019-10-11
[86] 2018-04-11 (PCT/US2018/027133)
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[30] US (62/484,262) 2017-04-11

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[51] **Int.Cl. C08B 30/14 (2006.01) A23L 29/212 (2016.01) C08B 31/00 (2006.01)**
[25] EN
[54] **PREGELATINIZED STARCHES HAVING HIGH PROCESS TOLERANCE AND METHODS FOR MAKING AND USING THEM**
[54] **AMIDONS PREGELATINISES DOUES D'UNE TOLERANCE ELEVEE AU PROCEDE ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] SMOOT, JAMES THOMAS, US
[72] BELTZ, MARK, US
[72] ZHOU, YUQING, US
[72] LAWSON, JARRED, US
[72] QUIGLEY, JENNIFER, US
[71] TATE & LYLE INGREDIENTS AMERICAS LLC, US
[85] 2019-10-11
[86] 2018-04-11 (PCT/US2018/027136)
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[30] US (62/484,790) 2017-04-12
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[54] **PROJECTILE WITH SELECTABLE ANGLE OF ATTACK**
[54] **PROJECTILE A ANGLE D'ATTAQUE SELECTIONNABLE**
[72] THUMAN, CHRISTER, SE
[72] PETTERSSON, THOMAS, SE
[72] LARSSON, MATS, SE
[71] BAE SYSTEMS BOFORS AB, SE
[85] 2019-10-11
[86] 2018-04-27 (PCT/SE2018/050440)
[87] (WO2018/199843)
[30] SE (1700079-5) 2017-04-28

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[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **MAGNETIC FLOW VALVE FOR BOREHOLE USE**
[54] **VANNE D'ECOULEMENT MAGNETIQUE DESTINEE A ETRE UTILISEE DANS UN TROU DE FORAGE**
[72] MERRILL, STEVEN R., US
[72] PAREKH, YASH, US
[72] ROSENBLATT, STEVE, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2019-10-11
[86] 2018-04-11 (PCT/US2018/027154)
[87] (WO2018/191407)
[30] US (15/485,779) 2017-04-12

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[13] A1
[51] **Int.Cl. G01S 5/30 (2006.01) G01S 15/02 (2006.01)**
[25] EN
[54] **WIDEBAND ACOUSTIC POSITIONING WITH PRECISION CALIBRATION AND JOINT PARAMETER ESTIMATION**
[54] **POSITIONNEMENT ACOUSTIQUE A LARGE BANDE AVEC ETALONNAGE DE PRECISION ET ESTIMATION DE PARAMETRE DE JOINT**
[72] KUMAR, AMIT, US
[72] MCNAMES, JAMES, US
[71] PORTLAND STATE UNIVERSITY, US
[71] AVNERA CORPORATION, US
[85] 2019-10-11
[86] 2018-04-11 (PCT/US2018/027180)
[87] (WO2018/191425)
[30] US (62/484,278) 2017-04-11

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[51] **Int.Cl. A41D 13/002 (2006.01)**
[25] EN
[54] **INFLATABLE GARMENT WITH LIGHTWEIGHT AIR PUMP AND METHOD OF USE**
[54] **VETEMENT GONFLABLE COMPRENANT UNE POMPE A AIR LEGERE ET PROCEDE D'UTILISATION**
[72] ROBERT, HALL, US
[72] CORY, THOLL, US
[72] MATT, MAXFIELD, US
[71] NUDOWN, US
[85] 2019-10-11
[86] 2017-04-13 (PCT/US2017/027468)
[87] (WO2017/180903)
[30] US (62/322,110) 2016-04-13

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[51] **Int.Cl. A61K 48/00 (2006.01) A61P 25/00 (2006.01) C07K 14/47 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **GENE THERAPY FOR AADC DEFICIENCY**
[54] **THERAPIE GENIQUE POUR UNE CARENCE EN AADC**
[72] PYKETT, MARK, US
[72] THORN, RICHARD, US
[72] HWU, WUH-LIANG (PAUL), TW
[71] NATIONAL TAIWAN UNIVERSITY, CN
[85] 2019-10-11
[86] 2018-04-12 (PCT/US2018/027225)
[87] (WO2018/191450)
[30] US (62/485,658) 2017-04-14

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[54] **SYSTEMS AND METHODS FOR TIDAL ENERGY CONVERSION AND ELECTRICAL POWER GENERATION USING A ROTATABLE DRAG PANEL**
[54] **SYSTEMES ET PROCEDES DE CONVERSION D'ENERGIE MAREMOTRICE ET DE PRODUCTION D'ENERGIE ELECTRIQUE A L'AIDE D'UN PANNEAU DE TRAINEE ROTATIF**
[72] BLODGETT, JEFF, US
[72] BAGLEY, COLIN, US
[72] BLODGETT, LYNN, US
[71] BIG MOON POWER, INC., US
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[54] **SOLAR CONTROL COATING FOR LAMINATED GLAZING**
[54] **REVETEMENT DE PROTECTION SOLAIRE POUR VITRAGE FEUILLETE**
[72] WAGNER, ANDREW V., US
[72] BUCHANAN, MICHAEL J., US
[71] VITRO FLAT GLASS LLC, US
[85] 2019-10-11
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[30] US (62/484,508) 2017-04-12
[30] US (15/951,079) 2018-04-11

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[25] EN
[54] **METHOD OF AND APPARATUS FOR PRODUCING DRINKING WATER FROM FRESH WATER**
[54] **CENTRIFUGEUSE COMBINEE ET GENERATEUR DE CHALEUR DYNAMIQUE POUR PRODUIRE DE L'EAU POTABLE**
[72] WILSON, EDWIN E., US
[71] CLOUDBURST SOLUTIONS, LLC, US
[85] 2019-10-11
[86] 2017-07-27 (PCT/US2017/044107)
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[54] **JOINT OSTEOTOMY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'OSTEOTOMIE DANS UNE ARTICULATION**
[72] NACHTRAB, DEAN J., US
[72] REYNOLDS, DAVID G., US
[72] STEMNISKI, PAUL M., US
[72] ALSPAUGH, JULIA C., US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2019-10-11
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[54] **LOCKING PACKAGING CONTAINER**
[54] **CONTENANT D'EMBALLAGE A VERROUILLAGE**
[72] CHAMBERS, CHRISTOPHER, US
[71] ALL PACKAGING COMPANY, US
[85] 2019-10-11
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[54] **WAX INHIBITORS FOR OIL COMPOSITIONS AND METHODS OF USING WAX INHIBITORS TO REDUCE WAX DEPOSITION FROM OIL**
[54] **INHIBITEURS DE CIRE POUR COMPOSITIONS D'HUILE ET LEURS PROCEDES D'UTILISATION POUR REDUIRE LES DEPOTS DE CIRE FORMES PAR L'HUILE**
[72] XIE, XIAOAN, CN
[72] PENG, WENQING, CN
[72] CHICHAK, KELLY SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-10-11
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[54] **SYSTEMS FOR CAPTURING A CLIENT VEHICLE AND RELATED METHODS**
[54] **SYSTEMES DE CAPTURE D'UN VEHICULE CLIENT ET PROCEDES ASSOCIES**
[72] SORENSON, PETER O., US
[72] MICHEL, MATTHEW ALAN, US
[72] LLORENS, WILLIAM A., US
[72] MURPHY, DAVID M., US
[72] BRADEN, JEFFREY R., US
[72] MCEACHEN, MICHAEL EDWARD, US
[72] FOSTER, MICHAEL, US
[71] NORTHROP GRUMMAN INNOVATION SYSTEMS, INC., US
[85] 2019-10-11
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[54] **METHOD FOR PREPARING LITHIUM CONCENTRATE FROM LITHIUM-BEARING NATURAL BRINES AND PROCESSING THEREOF INTO LITHIUM CHLORIDE OR LITHIUM CARBONATE**
[54] **PROCEDE DE PREPARATION DE CONCENTRE DE LITHIUM A PARTIR DE SAUMURES NATURELLES CHARGEES DE LITHIUM ET SA TRANSFORMATION EN CHLORURE DE LITHIUM OU CARBONATE DE LITHIUM**
[72] RIABTSEV, ALEKSANDR DMITRIYEVICH, RU
[72] TITARENKO, VALERIY IVANOVICH, RU
[72] KOTCUPALO, NATALYA PAVLOVNA, RU
[72] MENZHERES, LARISA TIMOFEYEVNA, RU
[72] MAMYLOVA, ELENA VIKTOROVNA, RU
[72] KURAKOV, ALEKSANDR ALEKSANDROVICH, RU
[72] NEMKOV, NIKOLAY MIKHAYLOVICH, RU
[72] KURAKOV, ANDREY ALEKSANDROVICH, RU
[72] ANTONOV, SERGEI ALEKSANDROVICH, RU
[72] GUSHCHINA, ELIZAVETA PETROVNA, RU
[71] ECOSTAR-NAUTECH CO., LTD, RU
[85] 2019-10-11
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[54] **COMPOSTABLE INSULATION FOR SHIPPING CONTAINER**
[54] **ISOLATION COMPOSTABLE POUR CONTENANT D'EXPEDITION**
[72] JOBE, DARRELL, US
[71] VERICOOL, INC., US
[85] 2019-10-11
[86] 2018-02-15 (PCT/US2018/018429)
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[54] **THERMALLY INSULATING PACKAGING**
[54] **EMBALLAGE THERMIQUEMENT ISOLANT**
[72] JOBE, DARRELL, US
[71] VERICOOL, INC., US
[85] 2019-10-11
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[54] **CAPS FOR POWER DISTRIBUTION SYSTEM COMPONENTS**
[54] **CHAPEAUX POUR COMPOSANTS DE SYSTEME DE DISTRIBUTION D'ENERGIE**
[72] KHATRI, MOHAMED FAYAZ, US
[72] RAU, AUSTEN WILLIAM, US
[71] HUBBELL INCORPORATED, US
[85] 2019-10-11
[86] 2018-04-11 (PCT/US2018/027036)
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[25] EN
[54] **SYSTEMS AND METHODS FOR SEALING A WELLBORE**
[54] **SYSTEMES ET DES PROCEDES DE SCELLEMENT D'UN PUITS DE FORAGE**
[72] COSTA DE OLIVEIRA, VICTOR CARLOS, SA
[72] RICO, RAMON RODRIGUEZ, SA
[72] ABOUELNAAJ, KHALED K., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2019-10-11
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[25] EN
[54] **TRANSPOSITIONAL MODULATION**
[54] **MODULATION TRANSPOSITIONNELLE**
[72] WOODSUM, HARVEY C., US
[72] GERDES, RICHARD C., US
[71] TM IP HOLDINGS, LLC, US
[85] 2019-10-11
[86] 2018-04-12 (PCT/US2018/027282)
[87] (WO2018/191486)
[30] US (62/485,255) 2017-04-13
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[54] **METHODS AND COMPOSITIONS FOR TREATING SKELETAL MUSCULAR DYSTROPHY**
[54] **METHODES ET COMPOSITIONS POUR TRAITER UNE DYSTROPHIE MUSCULAIRE SQUELETTIQUE**
[72] MARBAN, EDUARDO, US
[72] AMINZADEH, MARK A., US
[72] ROGERS, RUSSELL, US
[72] MOSELEY, JENNIFER, US
[72] RODRIGUEZ-BORLADO, LUIS, US
[72] KANAGAVELU, SARAVANA, US
[72] SAKODA, CHRISTOPHER STEWART, US
[71] CEDARS-SINAI MEDICAL CENTER, US
[71] CAPRICOR, INC., US
[85] 2019-10-11
[86] 2018-04-18 (PCT/US2018/028184)
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[30] US (62/487,393) 2017-04-19
[30] US (62/487,402) 2017-04-19
[30] US (62/487,408) 2017-04-19
[30] US (62/535,672) 2017-07-21
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[25] EN
[54] **REJUVENATING COMPOUNDS IN HIGH PERFORMANCE ASPHALT COMPOSITIONS WITH HIGH RECYCLED CONTENT**
[54] **REGENERATION DE COMPOSES DANS DES COMPOSITIONS D'ASPHALTE A HAUTE PERFORMANCE PRESENTANT UN CONTENU RECYCLE ELEVE**
[72] KURTH, TODD, US
[72] NIVENS, SCOTT, US
[72] STEVERMER, CHRISTOPHER, US
[72] SYLVESTER, ANTHONY JOSEPH, US
[72] TABATABAEE, HASSAN, US
[71] CARGILL, INCORPORATED, US
[85] 2019-10-11
[86] 2018-04-12 (PCT/US2018/027309)
[87] (WO2018/191501)
[30] US (62/484,526) 2017-04-12
[30] US (62/597,678) 2017-12-12

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[51] **Int.Cl. E21B 23/00 (2006.01) E21B 34/00 (2006.01) E21B 34/16 (2006.01)**
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[54] **DOWNHOLE TOOL ACTUATORS AND INDEXING MECHANISMS**
[54] **ACTIONNEURS D'OUTIL DE FOND ET MECANISMES D'INDEXATION**
[72] ADAM, MARK, US
[71] TURBO DRILL INDUSTRIES, INC., US
[85] 2019-10-11
[86] 2018-04-14 (PCT/US2018/027687)
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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **MAINTAINING PAGE INTERACTION FUNCTIONALITY WITH OVERLAY CONTENT**
[54] **MAINTIEN D'UNE FONCTIONNALITE D'INTERACTION DE PAGE AVEC UN CONTENU DE RECOUVREMENT**
[72] ROGER, GWENDOLINE, US
[72] HERNANDEZ, DAVID MEJORADO, US
[72] BAJANA, MERRILL, US
[71] GUMGUM, INC., US
[85] 2019-10-11
[86] 2018-04-12 (PCT/US2018/027311)
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[51] **Int.Cl. A47G 33/06 (2006.01) A01N 3/00 (2006.01) A41G 1/00 (2006.01)**
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[54] **ARTIFICIAL TREE ASSEMBLY**
[54] **ENSEMBLE ARBRE ARTIFICIEL**
[72] SANTA, EDWIN, US
[72] STANGE, KURT, US
[71] SOUTH FLORIDA LIGHTING TEAM, LLC, US
[85] 2019-10-11
[86] 2018-04-12 (PCT/US2018/027330)
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[30] US (62/484,601) 2017-04-12
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[51] **Int.Cl. A61B 17/56 (2006.01) A61B 17/58 (2006.01) A61B 17/68 (2006.01) A61B 17/82 (2006.01)**
[25] EN
[54] **SELF-ADJUSTABLE PECTUS RECONSTRUCTION SYSTEM**
[54] **SYSTEME DE RECONSTRUCTION DE PECTUS AUTO-REGLABLE**
[72] SU, SEA-QUAN, TW
[71] SU, SUSAN BING, US
[71] SU, SEA-QUAN, TW
[85] 2019-10-11
[86] 2018-04-19 (PCT/US2018/028239)
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[30] US (15/641,358) 2017-07-05

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[51] **Int.Cl. G01N 33/50 (2006.01) A01K 67/027 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHOD OF DETERMINING TOXICITY OF AN IMMUNOMODULATORY DRUG FOR USE IN HUMANS**
[54] **PROCEDE DE DETERMINATION DE LA TOXICITE D'UN MEDICAMENT IMMUNOMODULATEUR POUR UTILISATION CHEZ DES HUMAINS**
[72] KECK, JAMES, US
[72] YE, CHUNTING, US
[71] THE JACKSON LABORATORY, US
[85] 2019-10-11
[86] 2018-04-17 (PCT/US2018/027887)
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[30] US (62/486,441) 2017-04-17
[30] US (62/521,617) 2017-06-19

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[51] **Int.Cl. A61M 5/00 (2006.01) A61M 5/20 (2006.01) A61M 5/30 (2006.01)**
[25] EN
[54] **E-CONNECTED AUTO-INJECTORS**
[54] **AUTO-INJECTEURS E-CONNECTES**
[72] SONG, MICHAEL C., US
[72] SUBRAMONY, JANARDHANAN ANAND, US
[71] MEDIMMUNE, LLC, US
[85] 2019-10-11
[86] 2018-04-19 (PCT/US2018/028292)
[87] (WO2018/195270)
[30] US (62/487,014) 2017-04-19

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[51] **Int.Cl. G02B 26/00 (2006.01) G06F 1/16 (2006.01) G09G 3/34 (2006.01) H01J 7/24 (2006.01) H04N 5/64 (2006.01) H05K 5/00 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **FIELD SERVICEABLE AND REPLACEABLE ASSEMBLY**
[54] **ENSEMBLE REMPLACABLE ET UTILISABLE SUR LE TERRAIN**
[72] DUNN, WILLIAM, US
[72] O'CONNOR, KEVIN, US
[72] DIAZ, MARCOS, US
[71] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
[85] 2019-10-11
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[30] US (62/491,106) 2017-04-27
[30] US (62/502,337) 2017-05-05
[30] US (15/647,219) 2017-07-11
[30] US (15/723,311) 2017-10-03
[30] US (15/886,889) 2018-02-02

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[51] **Int.Cl. G06F 16/903 (2019.01)**
[25] EN
[54] **SEARCH METHOD AND APPARATUS, AND NON-TEMPORARY COMPUTER-READABLE STORAGE MEDIUM**
[54] **PROCEDE ET APPAREIL DE RECHERCHE, ET SUPPORT D'INFORMATIONS LISIBLE PAR ORDINATEUR NON TEMPORAIRE**
[72] LIU, MING, CN
[72] CHEN, DAYAO, CN
[72] PANG, MENGMENG, CN
[72] FENG, TAO, CN
[72] ZENG, ZHIZHAO, CN
[72] WEI, YONGCHAO, CN
[72] PAN, WENBIN, CN
[71] 10353744 CANADA LTD., CA
[85] 2019-09-27
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[51] **Int.Cl. E01D 21/00 (2006.01) E04G 17/00 (2006.01) E04G 17/18 (2006.01)**
[25] EN
[54] **ADJUSTABLE FORMS FOR POURED CONCRETE STRUCTURES AND RELATED SYSTEMS AND METHODS**
[54] **FORMES REGLABLES POUR STRUCTURES EN BETON COULE ET SYSTEMES ET PROCEDES ASSOCIES**
[72] BRODOWSKI, DAVID M., US
[72] WYSONG, ZACHARY, US
[71] TRUETECH BRIDGE, LLC, US
[85] 2019-10-11
[86] 2018-04-12 (PCT/US2018/027343)
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[51] **Int.Cl. H02H 9/04 (2006.01) H03K 17/082 (2006.01)**
[25] EN
[54] **CROWBAR PROTECTION CIRCUIT WITH DISCHARGE RATE CONTROL**
[54] **CIRCUIT DE PROTECTION CONTRE LES SURTENSIONS A COMMANDE DE REGULATION DE DEBIT DE DECHARGE**
[72] JACOBSON, BORIS S., US
[71] RAYTHEON COMPANY, US
[85] 2019-10-11
[86] 2018-04-17 (PCT/US2018/028018)
[87] (WO2018/200266)
[30] US (15/496,759) 2017-04-25

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[51] **Int.Cl. G01N 1/02 (2006.01) A61F 13/56 (2006.01) C12M 1/30 (2006.01) G01N 1/28 (2006.01)**
[25] EN
[54] **APPARATUS FOR SAMPLING SURFACES**
[54] **APPAREIL PERMETTANT L'ECHANTILLONNAGE DE SURFACES**
[72] SAMADPOUR, MANSOUR, US
[71] INSTITUTE FOR ENVIRONMENTAL HEALTH, INC., US
[85] 2019-10-11
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[30] US (62/487,966) 2017-04-20
[30] US (62/599,625) 2017-12-15

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[51] **Int.Cl. F16K 37/00 (2006.01) G01M 3/24 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR MONITORING HEALTH OF A VALVE**
[54] **PROCEDES ET SYSTEMES DE SURVEILLANCE DE L'ETAT D'USURE D'UNE VALVE**
[72] KEELY, BHASKER RAO, IN
[72] BHATTACHARYA, ANINDA, IN
[72] BEHERA, AJAY KUMAR, IN
[72] BHAVIKATTI, SHIVANAND, IN
[72] HERMAN, CHRISTOPHER TAYLOR, US
[72] MAL, SUDIPTA, IN
[71] GENERAL ELECTRIC COMPANY, US
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[86] 2018-04-06 (PCT/US2018/026438)
[87] (WO2018/187677)
[30] IN (201741012548) 2017-04-07

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[51] **Int.Cl. C07K 16/18 (2006.01)**
[25] EN
[54] **COMPLEMENT FACTOR D ANTAGONIST ANTIBODIES AND CONJUGATES THEREOF**
[54] **ANTICORPS ANTAGONISTES DU FACTEUR D DU COMPLEMENT ET LEURS CONJUGUES**
[72] PERLROTH, D. VICTOR, US
[72] TO, WAH YUEN, US
[72] LIANG, HONG, US
[72] JACOBSON, RACHEL MARIE DEVAY, US
[72] CORREA, FERNANDO, US
[71] KODIAK SCIENCES INC., US
[85] 2019-10-11
[86] 2018-04-12 (PCT/US2018/027378)
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[30] US (62/485,718) 2017-04-14

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/40 (2006.01) A61K 31/44 (2006.01) C07D 473/34 (2006.01)**
[25] EN
[54] **INDOLE AHR INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS D'INDOLE AHR ET LEURS UTILISATIONS**
[72] CASTRO, ALFREDO C., US
[72] EVANS, CATHERINE ANNE, US
[71] KYN THERAPEUTICS, US
[85] 2019-10-11
[86] 2018-04-20 (PCT/US2018/028532)
[87] (WO2018/195397)
[30] US (62/488,476) 2017-04-21
[30] US (62/592,542) 2017-11-30
[30] US (62/658,454) 2018-04-16

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[51] **Int.Cl. B01J 20/02 (2006.01) B01J 20/28 (2006.01) B01J 20/32 (2006.01)**
[25] EN
[54] **GRAPHENE COATED GLASS MATERIAL AND USES THEREOF**
[54] **MATERIAU DE VERRE REVETU DE GRAPHENE ET SES UTILISATIONS**
[72] TOFIGH RAYHANI, MOHAMMAD, CA
[72] SAFARI, EDWIN, CA
[71] TOFIGH RAYHANI, MOHAMMAD, CA
[71] SAFARI, EDWIN, CA
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[86] 2017-12-22 (PCT/CA2017/051592)
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[30] US (62/531,263) 2017-07-11

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[54] **SOUPAPE DE COMMANDE AVEC CAGE DE SOUPAPE HAUTE PERFORMANCE**
[72] MCCARTY, MICHAEL W., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2019-10-11
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[54] **K-RAS MODULATORS**
[54] **MODULATEURS DE K-RAS**
[72] MCCORMICK, FRANK, US
[72] RENSLO, ADAM, US
[72] TURNER, DAVID, US
[72] MACIAG, ANNA E., US
[72] DYBA, MARCIN, US
[72] VO, ELIZABETH D., US
[72] SAAVEDRA, JOSEPH, US
[72] KUMARI, VANDANA, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] LEIDOS BIOMEDICAL RESEARCH, INC., US
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[25] EN
[54] **METHOD FOR MANUFACTURING ARTICLES IN THE FORM OF A SLAB OR BLOCK WITH A HARDENING BINDER, AND ARTICLES THUS OBTAINED**
[54] **PROCEDE DE FABRICATION D'ARTICLES SOUS FORME DE DALLE OU DE BLOC AVEC UN LIANT DURCISSANT, ET ARTICLES AINSI OBTENUS**
[72] TONCELLI, LUCA, IT
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[54] **HAND-HELD INDUCTION BONDING TOOL**
[54] **OUTIL DE SOUDAGE A INDUCTION PORTATIF**
[72] KELLY, JOSHUA S., US
[72] SAMIAPPAN, TAMILSELVAN, US
[72] PACHOLOK, DAVID R., US
[72] MAST, WILLIAM F., US
[71] OMG, INC., US
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[54] **METHODS AND SYSTEMS FOR HIGH-THROUGHPUT BLOOD COMPONENT COLLECTION**
[54] **PROCEDES ET SYSTEMES DE COLLECTE DE COMPOSANTS SANGUINS A HAUT DEBIT**
[72] FELT, THOMAS J., US
[72] HLAVINKA, DENNIS J., US
[72] HOLMES, BRIAN M., US
[72] O'BRIEN, PETER, US
[72] POLODNA, TAYLOR, US
[71] TERUMO BCT, INC., US
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[30] US (62/488,404) 2017-04-21
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[54] **TRITERPENE SAPONIN SYNTHESIS, INTERMEDIATES AND ADJUVANT COMBINATIONS**
[54] **SYNTHESE DE SAPONINE TRITERPENIQUE, INTERMEDIAIRES ET COMBINAISONS D'ADJUVANTS**
[72] CHAN, AMANDA, US
[72] GARDNER, JEFFREY, US
[72] NORDSTROEM, LARS, US
[72] WALKOWICZ, WILLIAM, US
[72] MARTIN, J. TYLER, US
[71] ADJUVANCE TECHNOLOGIES, INC., US
[85] 2019-10-11
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[54] **COMPOSITIONS AND METHODS FOR IMPROVING SAMPLE IDENTIFICATION IN INDEXED NUCLEIC ACID LIBRARIES**
[54] **COMPOSITIONS ET PROCEDES POUR AMELIORER L'IDENTIFICATION D'ECHANTILLONS DANS DES BIBLIOTHEQUES D'ACIDES NUCLEIQUES INDEXES**
[72] VERMAAS, ERIC HANS, US
[72] KHOSROHEIDARI, MAHDIEH, US
[72] BEVIS-MOTT, CALIRE, GB
[71] ILLUMINA CAMBRIDGE LIMITED, GB
[71] ILLUMINA, INC., US
[85] 2019-10-11
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[54] **N-ARYLETHYL-2-AMINOQUINOLEINE-4-CARBOXAMIDES SUBSTITUES ET LEUR UTILISATION**
[72] BECK, HARTMUT, DE
[72] KAST, RAIMUND, DE
[72] MEININGHAUS, MARK, DE
[72] FURSTNER, CHANTAL, DE
[72] STELLFELD, TIMO, DE
[72] VON BUHLER, CLEMENS-JEREMIAS, DE
[72] DIETZ, LISA, DE
[72] BAIRLEIN, MICHAELA, DE
[72] MOSIG, JOHANNA, DE
[72] JORISSEN, HANNAH, DE
[72] HAUFF, PETER, DE
[72] MULLER, JORG, DE
[72] DROBNER, KAROLINE, DE
[72] NAGEL, JENS, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[71] BAYER PHARMA AKTIENGESELLCHAFT, DE
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[54] **VARIANTS OF CPF1 (CAS12A) WITH ALTERED PAM SPECIFICITY**
[54] **VARIANTES DE CPF1 (CAS12A) A SPECIFICITE PAM MODIFIEE**
[72] JOUNG, J. KEITH, US
[72] KLEINSTIVER, BENJAMIN, US
[72] SOUSA, ALEXANDER, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **TEMPOROSPATIAL SOFTWARE-DEFINED NETWORKING FOR NGSO SATELLITE NETWORKS**
[54] **RESEAUTAGE SPATIOTEMPOREL DEFINI PAR LOGICIEL POUR RESEAUX SATELLITAIRES NGSO**
[72] BARRITT, BRIAN, US
[71] LOON LLC, US
[85] 2019-10-11
[86] 2018-04-25 (PCT/US2018/029385)
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[54] **THREADED BOSS FOR PRESSURE VESSEL**
[54] **BOSSAGE FILETE POUR RECIPIENT SOUS PRESSION**
[72] MOUTRAY, BRAD JAMES, US
[71] HEXAGON TECHNOLOGY AS, NO
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[54] **AUTOMATED DOSING SYSTEM AND METHOD WITH LIGHT PROFILING FOR WASTEWATER FILTRATION SYSTEM**
[54] **SYSTEME ET PROCEDE DE DOSAGE AUTOMATISE AVEC PROFILAGE DE LUMIERE POUR SYSTEME DE FILTRATION D'EAUX USEES**
[72] STRICKLER, JOHANN RUDI, US
[72] RAMIREZ, JOSE ANTONIO, US
[71] STRICKLER, JOHANN RUDI, US
[71] RAMIREZ, JOSE ANTONIO, US
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[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING AND ALIGNING ROOF BOLTS**
[54] **SYSTEME ET PROCEDE DE MESURE ET D'ALIGNEMENT DE BOULONS DE TOIT**
[72] THEUNISSEN, WILHELMUS HENDRICKUS, ZA
[71] JOY GLOBAL UNDERGROUND MINING LLC, US
[85] 2019-10-11
[86] 2018-04-13 (PCT/US2018/027468)
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[51] **Int.Cl. A23L 33/18 (2016.01) A23K 10/12 (2016.01) A23K 10/14 (2016.01) A23K 20/147 (2016.01) A23L 33/125 (2016.01) A23L 33/22 (2016.01) A23J 3/34 (2006.01)**
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[54] **METHODS FOR PRODUCING FEATHER-BASED FOOD PRODUCTS**
[54] **PROCEDES DE PRODUCTION DE PRODUITS ALIMENTAIRES A BASE DE PLUMES**
[72] YONEMOTO, LUCIO HIROSHI, US
[72] ZIVANOVIC, SVETLANA, US
[72] GUO, PING, US
[71] MARS, INCORPORATED, US
[85] 2019-10-11
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[25] EN
[54] **TRANSMISSION TIME INTERVAL BUNDLING FOR WIRELESS COMMUNICATIONS SYSTEMS**
[54] **GROUPAGE D'INTERVALLES DE TEMPS DE TRANSMISSION POUR DES SYSTEMES DE COMMUNICATION SANS FIL**
[72] BAGHEL, SUDHIR KUMAR, US
[72] NGUYEN, TIEN VIET, US
[72] PATIL, SHAILESH, US
[72] GULATI, KAPIL, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-10-11
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[25] EN
[54] **CERAMIC HEATING ELEMENT**
[54] **ELEMENT CHAUFFANT EN CERAMIQUE**
[72] LUTZ, KENNETH E., US
[72] FIGURSKI, MARK A., US
[72] THOMAS, DANIEL JAMES, US
[72] HULL, BENJAMIN JAMES, US
[71] BRADLEY FIXTURES CORPORATION, US
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[25] EN
[54] **DEVICES, SYSTEMS, AND METHODS FOR RESOURCE ALLOCATION OF SHARED SPECTRUM**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'ATTRIBUTION DE RESSOURCES DE SPECTRE PARTAGE**
[72] DIVI, VIJAY, US
[72] DEY, SOURAV, US
[72] PARKER, TODD, US
[71] ATC TECHNOLOGIES, LLC, US
[85] 2019-10-11
[86] 2018-05-17 (PCT/US2018/033274)
[87] (WO2018/213638)
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[54] **CHANNEL AND SYNC RASTER SIGNALING**
[54] **SIGNALISATION DE TRAME DE SYNCHRONISATION DE CANAL ET DE SYNCHRONISATION**
[72] GHEORGHIU, VALENTIN ALEXANDRU, US
[72] LEE, HEECHOON, US
[72] PAPALEO, MARCO, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-10-11
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[30] US (62/508,879) 2017-05-19
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[51] **Int.Cl. B61L 25/02 (2006.01) B61L 23/04 (2006.01)**
[25] EN
[54] **VEGETATION DETECTION AND ALERT METHOD AND SYSTEM FOR A RAILWAY VEHICLE**
[54] **PROCEDE ET SYSTEME DE DETECTION DE VEGETATION ET D'ALERTE POUR UN VEHICULE FERROVIAIRE**
[72] MATSON, KRIS, US
[72] DAY, PASCAL, FR
[72] HINNANT, LLOYD, US
[72] FERNANDEZ, ALVARO ORTIZ, ES
[72] BACK, EDUARDO, US
[72] SLONE, JONATHON BRENT, US
[71] BAYER CROPSCIENCE LP, US
[85] 2019-10-11
[86] 2018-04-13 (PCT/US2018/027480)
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[51] **Int.Cl. H05K 7/20 (2006.01) F28D 15/00 (2006.01) G02F 1/13357 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PREVENTING DISPLAY BOWING**
[54] **SYSTEME ET PROCEDE PERMETTANT D'EMPECHER UN GAUCHISSEMENT DE DISPOSITIF D'AFFICHAGE**
[72] DUNN, WILLIAM, US
[72] LINCOLN, ANDREW, US
[72] BROWN, MIKE, US
[72] DIAZ, MARCOS, US
[71] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
[85] 2019-10-11
[86] 2018-04-27 (PCT/US2018/029707)
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[30] US (62/491,123) 2017-04-27

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[25] EN
[54] **INTEGRATED ELECTRICAL COMPONENT WITHIN LAMINATE**
[54] **COMPOSANT ELECTRIQUE INTEGRE A L'INTERIEUR D'UN STRATIFIE**
[72] KRAMER, ROBERT JACOB, US
[72] O'BRIEN, KEVIN FRANCIS, US
[71] THE DILLER CORPORATION, US
[85] 2019-10-11
[86] 2018-04-13 (PCT/US2018/027481)
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[30] US (15/731,076) 2017-04-14

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[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-JAGGED1 ANTIGEN BINDING PROTEINS**
[54] **NOUVELLES PROTEINES DE LIAISON A UN ANTIGENE**
[72] BENNETT, BRIAN D., US
[72] KING, CHADWICK T., US
[72] PHILLIPS, JONATHAN, US
[71] AMGEN, INC., US
[85] 2019-10-11
[86] 2018-05-30 (PCT/US2018/035209)
[87] (WO2018/222770)
[30] US (62/512,805) 2017-05-31

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[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) H02J 50/10 (2016.01) H01F 27/28 (2006.01) H01F 27/32 (2006.01) H01F 38/14 (2006.01)**
[25] EN
[54] **LAMINATE WITH INDUCTION COILS**
[54] **STRATIFIE A BOBINES D'INDUCTION**
[72] KRAMER, ROBERT JACOB, US
[72] O'BRIEN, KEVIN FRANCIS, US
[71] THE DILLER CORPORATION, US
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[30] US (15/488,417) 2017-04-14

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[51] **Int.Cl. C12Q 1/6876 (2018.01) C12N 9/12 (2006.01)**
[25] EN
[54] **DRIED COMPOSITIONS CONTAINING FLAP ENDONUCLEASE**
[54] **COMPOSITIONS SECHEES CONTENANT UNE ENDONUCLEASE FLAP**
[72] PETERSON, PATRICK, US
[72] LUU, TONY, US
[72] JOST, MATTHIAS, US
[71] GEN-PROBE INCORPORATED, US
[85] 2019-10-11
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[30] US (62/508,975) 2017-05-19
[30] US (62/508,990) 2017-05-19
[30] US (62/540,478) 2017-08-02

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[25] EN
[54] **LAMINATE WITH INDUCTION COILS AND CHARGING STATION DEVICE COMPRISING SAME**
[54] **STRATIFIE AVEC BOBINES D'INDUCTION ET DISPOSITIF DE STATION DE CHARGE LE COMPRENANT**
[72] KRAMER, ROBERT JACOB, US
[72] O'BRIEN, KEVIN FRANCIS, US
[71] THE DILLER CORPORATION, US
[85] 2019-10-11
[86] 2018-04-13 (PCT/US2018/027489)
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[25] EN
[54] **REDUCING DAMAGE FROM RADIATION THERAPY AND INCREASING CANCER KILL RATES BY INTERWEAVING OF LOW AND HIGH DOSE SESSIONS**
[54] **REDUCTION DES LESIONS PAR RADIOTHERAPIE ET AUGMENTATION DES TAUX D'ELIMINATION DU CANCER EN ENTRECROISANT DES SESSIONS A DOSE FAIBLE ET ELEVEE**
[72] BLANKENBECLER, RICHARD, US
[71] RADIATION BARRIER LLC, US
[85] 2019-10-21
[86] 2018-01-02 (PCT/US2018/012097)
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[30] US (62/441,265) 2016-12-31

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[51] **Int.Cl. C12N 5/00 (2006.01) C12N 1/00 (2006.01)**
[25] EN
[54] **VASCULARIZED IN VITRO ARRAYS OF LIVING CELLS**
[54] **RESEAUX VASCULARISES IN VITRO DE CELLULES VIVANTES**
[72] HOYING, JAMES BEATTY, US
[71] ADVANCED SOLUTIONS LIFE SCIENCES, LLC, US
[85] 2019-10-11
[86] 2018-04-13 (PCT/US2018/027516)
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[30] US (62/485,447) 2017-04-14

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[51] **Int.Cl. H01M 2/02 (2006.01) H01K 5/02 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **POWER SUPPLY ASSEMBLY WITH FAN ASSEMBLY FOR ELECTRONIC DEVICE**
[54] **ENSEMBLE D'ALIMENTATION ELECTRIQUE AVEC ENSEMBLE VENTILATEUR POUR DISPOSITIF ELECTRONIQUE**
[72] AGUIRRE, JOHN, US
[72] JIN, YOULIN, US
[72] REMSBURG, RALPH, US
[72] ROHENA, GUILLERMO PADIN, US
[72] RYNK, EVAN FRANCIS, US
[72] PEDROZA, CARLOS JULIO SUATE, US
[72] QUARTANA, GARY, JR., US
[72] FRASER, BRADLEY, US
[72] AWAD, HANEY, US
[72] WHEELER, WILLIAM, US
[72] NATSUME, SHIGERU, US
[71] MAGIC LEAP, INC., US
[85] 2019-10-11
[86] 2018-05-29 (PCT/US2018/034948)
[87] (WO2018/222618)
[30] US (62/512,635) 2017-05-30
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[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/00 (2006.01) G05B 13/04 (2006.01)**
[25] EN
[54] **CLOSED LOOP CONTROL OF PHYSIOLOGICAL GLUCOSE**
[54] **REGULATION EN BOUCLE FERMEE DE GLUCOSE PHYSIOLOGIQUE**
[72] HAIDAR, AHMAD MOHAMAD, US
[71] ELI LILLY AND COMPANY, US
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[54] **FILTRE POUR COMPOSES SOUFRES**
[72] SWANSON, MEGHAN E., US
[72] SASSANI, ANDREW, US
[71] MSA TECHNOLOGY, LLC, US
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[54] **THERAPIE DE PHOTOBIOMODULATION PERMETTANT DE REDUIRE LES EFFETS DE LA FIBROMYALGIE**
[72] JOHNSON, DOUGLAS, US
[72] KANARSKY, MAX, US
[72] LEAL-JUNIOR, ERNESTO, BR
[71] MULTI RADIANCE MEDICAL, US
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[54] **MULTI-ZONE WELL TREATMENT**
[54] **TRAITEMENT DE PUITS MULTI-ZONE**
[72] WATSON, BROCK W., US
[72] FERGUSON, ANDREW M., US
[72] SCHULTZ, ROGER L., US
[71] THRU TUBIING SOLUTIONS, INC., US
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[54] **REDUCING DAMAGE FROM CHEMOTHERAPY AND INCREASING CANCER KILL RATES BY USING INTERWEAVED LOW DOSE RADIATION**
[54] **REDUCTION DES LESIONS PAR CHIMIOTHERAPIE ET AUGMENTATION DES TAUX D'ELIMINATION DU CANCER A L'AIDE DE L'ENTRECROISEMENT DE RAYONNEMENTS A FAIBLE DOSE**
[72] BLANKENBECLER, RICHARD, US
[71] RADIATION BARRIER LLC, US
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[54] **ARTHROPOD PEST CONTROL COMPOSITIONS, KITS AND USES THEREOF**
[54] **COMPOSITIONS DE LUTTE CONTRE LES ARTHROPODES NUISIBLES, KITS ET LEURS UTILISATIONS**
[72] WOODS, DANIEL F., US
[71] INSCENT, INC., US
[85] 2019-10-11
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[25] EN
[54] **HUMAN COAGULATION FACTOR IX (FIX) FUSION PROTEIN, PREPARATION METHOD THEREFOR, AND USE THEREOF**
[54] **PROTEINE DE FUSION DU FACTEUR IX DE COAGULATION HUMAIN (FIX), SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] GAO, YONGJUAN, CN
[72] CHEN, SI, CN
[72] LI, ZIRUI, CN
[72] TU, XIAOPING, CN
[72] SUN, BILL NAI-CHAU, CN
[72] LI, QIANG, CN
[71] AMPSOURCE BIOPHARMA INC., CN
[71] PHARMAB, INC., CN
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[54] **VARIANTS DE CAPSIDE DE VIRUS ADENO-ASSOCIE ET LEURS PROCEDES D'UTILISATION**
[72] SCHAFFER, DAVID V., US
[72] OJALA, DAVID STEPHEN, US
[72] ROMERO, PHILIP A., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **A SOLAR REACTIVE MULCH FILM**
[54] **FILM DE PAILLIS REACTIF SOLAIRE**
[72] TRENCHARD, DOUGLAS MICHAEL, AU
[72] TRENCHARD, ROBERT CHARLES, AU
[71] TRENCHARD, DOUGLAS MICHAEL, AU
[71] TRENCHARD, ROBERT CHARLES, AU
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[54] **UPLINK SMALL DATA TRANSMISSION IN INACTIVE STATE**
[54] **TRANSMISSION DE FAIBLES VOLUMES DE DONNEES DE LIAISON MONTANTE A L'ETAT INACTIF**
[72] LIU, HUICHUN, US
[72] GRIOT, MIGUEL, US
[72] HORN, GAVIN BERNARD, US
[72] KUBOTA, KEIICHI, US
[72] LEE, SOO BUM, US
[71] QUALCOMM INCORPORATED, US
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[54] **MEMBER-TO-MEMBER LAMINAR FUSE CONNECTION**
[54] **CONNEXION DE FUSIBLE LAMINAIRE ELEMENT A ELEMENT**
[72] MCMANUS, PATRICK, US
[72] PUCKETT, JAY, US
[72] PETERSEN, JACK, US
[71] NOVEL STRUCTURES, LLC, US
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[54] **SMART BROADCAST DEVICE**
[54] **DISPOSITIF DE DIFFUSION INTELLIGENTE**
[72] BIAN, RAN, CN
[72] YIN, HUANMI, CN
[72] ZHOU, LE, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-10-15
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[54] **DUAL-WALLED COILED TUBING WITH DOWNHOLE FLOW ACTUATED PUMP**
[54] **TUBE SPIRALE A DOUBLE PAROI AVEC POMPE ACTIONNEE PAR ECOULEMENT DE FOND DE TROU**
[72] LIVESCU, SILVIU, US
[72] RAMSEY, TIMOTHY T., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[51] **Int.Cl. C01B 3/34 (2006.01)**
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[54] **IMPROVED USE OF THE RESIDUAL GAS FROM A PRESSURE SWING ADSORPTION PLANT**
[54] **UTILISATION AMELIOREE DU GAZ RESIDUEL D'UNE INSTALLATION D'ADSORPTION A PRESSION ALTERNEE**
[72] LEITMAYR, WERNER, DE
[72] KELLER, TOBIAS, DE
[72] HANG, FLORIAN, DE
[72] MAIER, ALEXANDER, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[54] **VARIABLE-SIZE HYDROPHOBICALLY-MODIFIED POLYMERS**
[54] **POLYMERES MODIFIES DE MANIERE HYDROPHOBE A TAILLE VARIABLE**
[72] DOWLING, MATTHEW, US
[71] GEL-E, INC., US
[85] 2019-10-11
[86] 2018-04-13 (PCT/US2018/027637)
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[54] **FASTENING SYSTEM FOR FASTENING A RAIL**
[54] **SYSTEME DE FIXATION PERMETTANT DE FIXER UN RAIL**
[72] KARPALA, MACIEJ, PL
[71] SIKA TECHNOLOGY AG, CH
[85] 2019-10-15
[86] 2018-04-18 (PCT/EP2018/059851)
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[54] **REMOVAL OF METAL IONS FROM ESSENTIAL OILS**
[54] **ELIMINATION D'IONS METALLIQUES A PARTIR D'HUILES ESSENTIELLES**
[72] JONSSON, STIG, SE
[71] BIOTAGE AB, SE
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[51] **Int.Cl. G05B 23/02 (2006.01) G01N 17/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ACQUIRING A REMAINING SERVICE LIFE OF A PROCESS-ENGINEERING APPARATUS THROUGH WHICH A FLUID FLOWS**
[54] **PROCEDE ET SYSTEME DE DETERMINATION DE LA DUREE DE VIE RESTANTE D'UN APPAREIL D'INGENIERIE TRAVERSE PAR UN FLUIDE**
[72] KRONER, ANDREAS, DE
[72] POTTMANN, MARTIN, DE
[72] SLABY, OLIVER, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[51] **Int.Cl. C08F 110/06 (2006.01) C08G 81/02 (2006.01)**
[25] EN
[54] **AZIDE-MODIFIED OLEFIN AS POLYMERIC COUPLING AGENT**
[54] **OLEFINE MODIFIEE PAR UN AZIDE EN TANT QU'AGENT DE COUPLAGE POLYMERE**
[72] FEW, CHIP, US
[72] FERNANDES, JONAS ALVES, US
[71] BRASKEM AMERICA, INC., US
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[54] **DOOR CLOSER**
[54] **FERME-PORTE**
[72] REID, ALISTER PETER, GB
[72] GALLAGHER, PHILIP, GB
[71] GALEID LTD, GB
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[54] **METERING ARRANGEMENT IN A CAPILLARY DRIVEN FLUID SYSTEM AND METHOD FOR THE SAME**
[54] **AGENCEMENT DE DOSAGE DANS UN SYSTEME DE FLUIDE ENTRAINE PAR FORCE CAPILLAIRE ET SON PROCEDE**
[72] JONES, BENJAMIN, BE
[71] MIDIAGNOSTICS NV, BE
[85] 2019-10-15
[86] 2018-04-19 (PCT/EP2018/060070)
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[54] **D2D COMMUNICATION METHOD, REMOTE USER EQUIPMENT, AND RELAY USER EQUIPMENT**
[54] **PROCEDE DE COMMUNICATION D2D, EQUIPEMENT UTILISATEUR DISTANT ET EQUIPEMENT UTILISATEUR RELAIS**
[72] YANG, NING, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **SAC A TOILETTES POUR COLLECTER DES DECHETS CORPORELS**
[72] OLGAARD MCNULTY, HELLE, DK
[72] MCNULTY, PAUL, DK
[71] REGION HOVEDSTADENS APOTEK, DK
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[54] **STEM-CELL DERIVED MYELOID CELLS, GENERATION AND USE THEREOF**
[54] **CELLULES MYELOIDES DERIVEES DE CELLULES SOUCHES, PRODUCTION ET UTILISATION CORRESPONDANTES**
[72] LACHMANN, NICO, DE
[72] ACKERMANN, MANIA, DE
[72] KEMPF, HENNING, DE
[72] ZWEIGERDT, ROBERT, DE
[72] MORITZ, THOMAS, DE
[71] MEDIZINISCHE HOCHSCHULE HANNOVER, DE
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[25] EN
[54] **PRESSURE REDUCER FOR ROTARY INTERNAL COMBUSTION ENGINE**
[54] **REDUCTEUR DE PRESSION POUR MOTEUR A COMBUSTION INTERNE ROTATIF**
[72] MOUSSA, SAMUEL, CH
[71] COGENERGY SUISSE SA, CH
[85] 2019-10-15
[86] 2018-04-20 (PCT/EP2018/060228)
[87] (WO2018/193112)
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[54] **ACTUATOR ASSEMBLY**
[54] **ENSEMBLE ACTIONNEUR**
[72] DUTHIE, JASON, GB
[71] WEATHERFORD TEHCNOLOGY HOLDINGS, LLC, US
[85] 2019-10-15
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[54] **IMPROVED PRODUCTION OF AGGREGATES**
[54] **PRODUCTION AMELIOREE D'AGREGATS**
[72] HILLS, COLIN, GB
[72] CAREY, PAULA, GB
[71] CARBON8 SYSTEMS LIMITED, GB
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[86] 2017-05-11 (PCT/GB2017/051319)
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[54] **EARLY TERMINATION OF SUCCESSIVE CANCELLATION LIST DECODING**
[54] **FIN ANTICIPEE DE DECODAGE DE LISTE D'ANNULATION SUCCESSIVE**
[72] SARKIS, GABI, US
[72] SANKAR, HARI, US
[72] WU, GAOJIN, US
[72] XU, CHANGLONG, US
[72] JIANG, JING, US
[72] LOU, HUANG, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **METHOD FOR PRODUCING A SOLDER CONNECTION**
[54] **DISPOSITIF DE BRASAGE ET PROCEDE POUR REALISER UNE LIAISON BRASEE ENTRE DES ELEMENTS PAR UTILISATION D'UN MATERIAU ADHESIF POUR LA LIAISON PROVISOIRE ENTRE LES ELEMENTS**
[72] HUTZLER, AARON, DE
[72] OETZEL, CHRISTOPH, DE
[71] PINK GMBH THERMOSYSTEME, DE
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[86] 2018-05-07 (PCT/EP2018/061727)
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[30] DE (10 2017 109 747.3) 2017-05-05
[30] DE (20 2017 105 174.9) 2017-08-28

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[51] **Int.Cl. C12Q 1/6806 (2018.01)**
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[54] **METHODS, COMPOSITIONS, AND KITS FOR PREPARING NUCLEIC ACID LIBRARIES**
[54] **PROCEDES, COMPOSITIONS ET KITS POUR PREPARER DES BANQUES D'ACIDES NUCLEIQUES**
[72] FU, GUOLIANG, GB
[72] FU, GUOLIANG, GB
[71] GENEFIRST LTD, GB
[71] FU, GUOLIANG, GB
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[86] 2018-04-17 (PCT/GB2018/051000)
[87] (WO2018/193233)
[30] GB (1706059.1) 2017-04-17
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[25] EN
[54] **MODIFIED CYTOMEGALOVIRUS PROTEINS AND STABILIZED COMPLEXES**
[54] **PROTEINES DE CYTOMEGALOVIRUS MODIFIEES ET COMPLEXES STABILISES**
[72] MALITO, ENRICO, US
[72] CHANDRAMOULI, SUMANA, US
[72] CARFI, ANDREA, US
[72] BOTTOMLEY, MATTHEW, US
[71] GLAXOSMITHKLINE BIOLOGICALS SA, BE
[85] 2019-10-15
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[30] US (62/487,065) 2017-04-19
[30] US (62/504,059) 2017-05-10
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[25] EN
[54] **A PROCESS FOR PREPARING A DRY POWDER FORMULATION COMPRISING AN ANTICHOLINERGIC, A CORTICOSTEROID AND A BETA-ADRENERGIC**
[54] **PROCEDE DE PREPARATION D'UNE FORMULATION DE POUDRE SECHE COMPRENANT UN ANTICHOLINERGIQUE, UN CORTICOSTEROIDE ET UN BETA-ADRENERGIQUE**
[72] CAVECCHI, ALESSANDRO, IT
[72] MERUSI, CRISTIANA, IT
[72] PIVETTI, FAUSTO, IT
[72] SCHIARETTI, FRANCESCA, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
[85] 2019-10-15
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[51] **Int.Cl. G01N 33/18 (2006.01) E04H 4/12 (2006.01)**
[25] EN
[54] **SWIMMING POOL WATER MONITORING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE SURVEILLANCE D'EAU DE PISCINE**
[72] BURNHAM, DOUGLAS, GB
[71] DAMAR SUPPLIES LIMITED, GB
[85] 2019-10-15
[86] 2018-04-19 (PCT/GB2018/051037)
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[30] GB (1706168.0) 2017-04-19

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[54] **NOVEL CARRIER PARTICLES FOR DRY POWDER FORMULATIONS FOR INHALATION**
[54] **NOUVELLES PARTICULES DE SUPPORT POUR DES FORMULATIONS DE POUDRE SECHE POUR L'INHALATION**
[72] SCHIARETTI, FRANCESCA, IT
[72] BUTTINI, FRANCESCA, IT
[72] BETTINI, RUGGERO, IT
[72] SALOMI, ENRICO, IT
[72] BENASSI, ANDREA, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
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[86] 2018-05-16 (PCT/EP2018/062671)
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[54] **METHOD AND SYSTEM FOR MOVING SUBSTANCES AND PREVENTING CORROSION IN A CONDUIT**
[54] **PROCEDE ET SYSTEME DESTINES A DEPLACER DES SUBSTANCES ET EMPECHER LA CORROSION DANS UN CONDUIT**
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[54] **FAULT SWITCH CONFIGURATION AND CLEARING METHOD IN FLEXIBLE DC CONVERTER STATION**
[54] **CONFIGURATION DE COMMUTATEUR ET PROCEDE D'ELIMINATION DE DEFAILLANCE DANS UNE STATION DE CONVERSION FLEXIBLE DE CC**
[72] LU, YU, CN
[72] LI, GANG, CN
[72] TIAN, JIE, CN
[72] WANG, NANNAN, CN
[72] LI, HAIYING, CN
[72] JIANG, CHONGXUE, CN
[72] SUI, SHUNKE, CN
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[71] NR ENGINEERING CO., LTD, CN
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[54] **PROTEINS AND PEPTIDE TAGS WITH ENHANCED RATE OF SPONTANEOUS ISOPEPTIDE BOND FORMATION AND USES THEREOF**
[54] **PROTEINES ET MARQUEURS PEPTIDIQUES A TAUX AMELIORE DE FORMATION DE LIAISON ISOPEPTIDIQUE SPONTANEE ET LEURS UTILISATIONS**
[72] HOWARTH, MARK, GB
[72] KEEBLE, ANTHONY, GB
[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB
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[54] **POLYMER BASED FORMULATION FOR RELEASE OF DRUGS AND BIOACTIVES AT SPECIFIC GIT SITES**
[54] **FORMULATION A BASE DE POLYMERE POUR LA LIBERATION DE MEDICAMENTS ET DE PRODUITS BIOACTIFS AU NIVEAU DE SITES SPECIFIQUES DU GIT**
[72] KHANDARE, JAYANT JAGANNATH, IN
[72] GOTHOSKAR, ABHIJIT, IN
[72] KULKARNI, NILESH, IN
[72] ALAND, GOURISHANKAR, IN
[72] BANERJEE, SHASHWAT, IN
[72] GUPTA, RITUJA, IN
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[54] **PLANT FOR PRODUCING SOLAR ENERGY ABLE TO BE INSTALLED ON FARMLAND**
[54] **INSTALLATION DE PRODUCTION D'ENERGIE SOLAIRE POUVANT ETRE INSTALLEE SUR DES TERRES CULTIVABLES**
[72] REBOLDI, ALESSANDRO, IT
[72] KNOCHE, RONALD, IT
[72] PARMA, PAOLO, IT
[71] REM TEC S.R.L., IT
[85] 2019-10-15
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[54] **CATALYSEURS D'ISONITRILE A METAUX DE TRANSITION**
[72] HADEED, GERALD S., TT
[72] ABDUR-RASHID, KAMALUDDIN, CA
[71] HADEED, GERALD S., TT
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[25] EN
[54] **FIRE PROTECTION COMPOSITION, MULTI-COMPONENT SYSTEM AND USE THEREOF**
[54] **COMPOSITION D'IGNIFUGATION, SYSTEME MULTICOMPOSANT ET LEUR UTILISATION**
[72] STUDENT, KATJA, DE
[72] MILLER, JEKATERINA, DE
[72] JOCHMANN, PHILLIP, DE
[72] SCHLENK, STEFAN, DE
[72] SPEDDING, RICHARD, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[54] **DEMENTIA THERAPEUTIC AGENT COMBINING PYRAZOLOQUINOLINE DERIVATIVE AND DONEPEZIL**
[54] **AGENT THERAPEUTIQUE POUR LA DEMENCE COMBINANT UN DERIVE DE PYRAZOLOQUINOLINE ET DU DONEPEZIL**
[72] MIYAMOTO, MAI, JP
[72] KOTANI, SADAHARU, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2019-10-15
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[54] **BIOREACTOR WITH MOVING CARRIERS**
[54] **BIOREACTEUR DOTE DE TRANSPORTEURS MOBILES**
[72] NAUKKARINEN, MARTTI, FI
[72] KORVONEN, PASI, FI
[71] CLEWER AQUACULTURE OY, FI
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[25] EN
[54] **METHOD AND DEVICE FOR PERFORMING IMAGE DECODING ON BASIS OF INTRA PREDICTION IN IMAGE CODING SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE REALISATION DE DECODAGE D'IMAGE BASE SUR UNE INTRAPREDICTION DANS UN SYSTEME DE CODAGE D'IMAGE**
[72] YOO, SUNMI, KR
[72] LEE, JAEHO, KR
[72] CHOI, JANGWON, KR
[72] SEO, JUNGDONG, KR
[72] HEO, JIN, KR
[71] LG ELECTRONICS INC., KR
[85] 2019-10-15
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[25] EN
[54] **METHOD AND DEVICE FOR ENTROPY ENCODING AND DECODING VIDEO SIGNAL**
[54] **PROCEDE ET DISPOSITIF DE CODAGE ENTROPIQUE, DE DECODAGE ENTROPIQUE D'UN SIGNAL VIDEO**
[72] KOO, MOONMO, KR
[72] KIM, SEUNGHWAN, KR
[71] LG ELECTRONICS INC., KR
[85] 2019-10-15
[86] 2018-04-09 (PCT/KR2018/004143)
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[54] **WATER-SOLUBLE COSMETIC SHEET RETAINING FILM**
[54] **FILM DE RETENUE DE FEUILLE COSMETIQUE SOLUBLE DANS L'EAU**
[72] QUAN, YING-SHU, JP
[72] TANAKA, HIROSHI, JP
[72] KONDOU, NAOKO, JP
[72] KAMIYAMA, FUMIO, JP
[71] COSMED PHARMACEUTICAL CO., LTD., JP
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[25] EN
[54] **ANTI-EGFR/HIGH AFFINITY NK-CELLS COMPOSITIONS AND METHODS FOR CHORDOMA TREATMENT**
[54] **COMPOSITIONS DE CELLULES NK ANTI-EGFR/HAUTE AFFINITE ET PROCEDES DE TRAITEMENT DU CHORDOME**
[72] SOON-SHIONG, PATRICK, US
[72] LEE, JOHN, US
[71] NANTKWEST, INC., US
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[86] 2018-05-11 (PCT/US2018/032281)
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[51] **Int.Cl. C07D 401/04 (2006.01) A61K 9/00 (2006.01) A61K 31/4439 (2006.01)**
[25] EN
[54] **NOVEL CRYSTALLINE SOLID COMPOUND OF 3-PHENYL-4-PROPYL-1-(PYRIDIN-2-YL)-1H-PYRAZOL-5-OL HYDROCHLORIDE**
[54] **NOUVEAU COMPOSE SOLIDE CRISTALLIN DE CHLORHYDRATE DE 3-PHENYL-4-PROPYL-1-(PYRIDIN-2-YL)-1H-PYRAZOL-5-OL**
[72] MOON, SUNG HWAN, KR
[72] LEE, SOO JIN, KR
[72] LEE, SUNG CHAN, KR
[71] APTABIO THERAPEUTICS INC., KR
[85] 2019-10-15
[86] 2018-04-20 (PCT/KR2018/004604)
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[30] KR (10-2017-0050924) 2017-04-20

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[51] **Int.Cl. G06Q 20/36 (2012.01) G06Q 20/38 (2012.01) H04W 4/70 (2018.01)**
[25] EN
[54] **BLOCKCHAIN-BASED METHOD FOR MAKING PAYMENT FOR INTERNET OF THINGS DEVICE, AND SERVER, SERVICE PROVIDING TERMINAL, AND USER ELECTRONIC WALLET USING SAME**
[54] **PROCEDE REPOSANT SUR UNE CHAINE DE BLOCS POUR EFFECTUER UN PAIEMENT POUR UN DISPOSITIF DE L'INTERNET DES OBJETS, ET SERVEUR, TERMINAL DE FOURNITURE DE SERVICE, ET PORTEFEUILLE ELECTRONIQUE D'UTILISATEUR L'UTILISANT**
[72] UHR, JOON SUN, KR
[72] HONG, JAY WU, KR
[71] COINPLUG, INC., KR
[85] 2019-10-15
[86] 2018-05-10 (PCT/KR2018/005385)
[87] (WO2018/208105)
[30] KR (10-2017-0058014) 2017-05-10

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[54] **COMPOSITE INSULATION SYSTEM**
[54] **SYSTEME D'ISOLATION COMPOSITE**
[72] GOULET, ROBERT JACQUE, US
[71] SAPREX, LLC, US
[85] 2019-10-15
[86] 2017-04-17 (PCT/US2017/027994)
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[51] **Int.Cl. E21B 10/42 (2006.01) B22F 5/00 (2006.01) E21B 10/46 (2006.01) E21B 10/54 (2006.01)**
[25] EN
[54] **A DRILL BIT, A METHOD FOR MAKING A BODY OF A DRILL BIT, A METAL MATRIX COMPOSITE, AND A METHOD FOR MAKING A METAL MATRIX COMPOSITE**
[54] **TREPAN, PROCEDE DE FABRICATION D'UN CORPS D'UN TREPAN, COMPOSITE A MATRICE METALLIQUE, ET PROCEDE DE FABRICATION D'UN COMPOSITE A MATRICE METALLIQUE**
[72] WANG, ZHONGMING, US
[72] BELL, ANDREW, US
[72] HORSWELL, ROBERT, US
[72] VISWANADHAM, RAMAMURTHY, US
[71] OERLIKON METCO (US) INC., US
[85] 2019-10-15
[86] 2017-05-01 (PCT/US2017/030473)
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[51] **Int.Cl. E21B 47/12 (2012.01)**
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[54] **SYSTEM AND METHOD FOR MULTI-FREQUENCY DOWNHOLE BUS COMMUNICATION**
[54] **SYSTEME ET PROCEDE DE COMMUNICATION DE BUS EN FOND DE TROU MULTI-FREQUENCE**
[72] VEHRA, IMRAN SHARIF, US
[72] KRUGLIAK, ZINOVY B., US
[72] GRIFFING, MATTHEW CHASE, US
[72] LOZINSKY, CLINT PAUL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. B01D 53/00 (2006.01) B01D 53/04 (2006.01) B01J 20/34 (2006.01)**
[25] EN
[54] **REGENERATION OF A DESICCANT IN AN OFF-LINE TREATER OF A POLYOLEFIN PRODUCTION PROCESS**
[54] **REGENERATION D'UN DESHYDRATANT DANS UN DISPOSITIF DE TRAITEMENT HORS-LIGNE D'UN PROCEDE DE PRODUCTION DE POLYOLEFINE**
[72] ROMIG, RALPH W., US
[72] ODI, TIMOTHY O., US
[72] DREW, JENNIFER F., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2019-10-15
[86] 2017-11-17 (PCT/US2017/062330)
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[30] US (15/585,987) 2017-05-03

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[51] **Int.Cl. B01D 11/02 (2006.01) C11B 9/02 (2006.01) F25B 7/00 (2006.01)**
[25] EN
[54] **METHODS TO REDUCE CHLOROPHYLL CO-EXTRACTION THROUGH EXTRACTION OF SELECT ESSENTIAL OILS AND AROMATIC ISOLATES**
[54] **PROCEDES PERMETTANT DE REDUIRE LA CO-EXTRACTION DE CHLOROPHYLLE LORS DE L'EXTRACTION D'HUILES ESSENTIELLES SELECTIONNEES ET D'ISOLATS AROMATIQUES**
[72] GALYUK, GENE, US
[71] CAPNA INTELLECTUAL, US
[85] 2019-10-15
[86] 2018-01-31 (PCT/US2018/016130)
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[51] **Int.Cl. H01L 31/117 (2006.01) H01L 31/075 (2012.01) H01L 31/08 (2006.01)**
[25] EN
[54] **CENTROID CONTACT RADIATION DETECTOR SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DETECTEUR DE RAYONNEMENT PAR CONTACT CENTROIDE**
[72] COLARESI, JAMES FRANCIS, US
[72] YOCUM, KENNETH MICHAEL, US
[72] ADEKOLA, ADEREMI SIKIRU, US
[71] MIRION TECHNOLOGIES (CANBERRA), INC., US
[85] 2019-10-15
[86] 2018-03-30 (PCT/US2018/025436)
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[30] US (15/491,709) 2017-04-19

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[51] **Int.Cl. G02B 6/44 (2006.01) G02B 6/48 (2006.01)**
[25] EN
[54] **OPTICAL CONNECTION TERMINALS FOR FIBER OPTIC COMMUNICATIONS NETWORKS**
[54] **TERMINAL DE CONNEXION OPTIQUE POUR RESEAUX DE COMMUNICATION A FIBRE OPTIQUE**
[72] COURCHAINE, WILFRED, US
[72] VILLIGER, BRETT, US
[72] CIGNARALE, JOSEPH, US
[72] BALL, SHIRLEY, US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2019-10-15
[86] 2018-04-04 (PCT/US2018/026027)
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[30] US (15/493,861) 2017-04-21

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[51] **Int.Cl. C09K 8/60 (2006.01) A01N 59/00 (2006.01) A01P 1/00 (2006.01) C09K 8/524 (2006.01) C09K 8/54 (2006.01)**
[25] EN
[54] **ENHANCED KILL OF SULFATE REDUCING BACTERIA USING TIMED SEQUENTIAL ADDITION OF OXYANION AND BIOCIDE**
[54] **DESTRUCTION AMELIOREE DES BACTERIES SULFATO-REDUCTRICES PAR AJOUT SEQUENTIEL ECHELONNE D'UN OXYANION ET D'UN BIOCIDE**
[72] JENNEMAN, GARY, US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2019-10-15
[86] 2018-04-12 (PCT/US2018/027277)
[87] (WO2018/191483)
[30] US (62/485,176) 2017-04-13
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[13] A1
[51] **Int.Cl. B32B 17/10 (2006.01) B60Q 3/208 (2017.01) F21V 8/00 (2006.01)**
[25] FR
[54] **LIGHT-EMITTING LAMINATED GLAZING FOR A VEHICLE, COMPRISING INORGANIC LIGHT-EMITTING DIODES, AND PRODUCTION THEREOF**
[54] **VITRAGE FEUILLETE LUMINEUX DE VEHICULE A DIODES ELECTROLUMINESCENTES INORGANIQUES ET SA FABRICATION**
[72] FERRIERES-ZHAO, LI, FR
[72] KLEO, CHRISTOPHE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2019-10-23
[86] 2018-04-05 (PCT/FR2018/050853)
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[30] FR (1753052) 2017-04-07

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[51] **Int.Cl. G01N 35/00 (2006.01) B65D 83/04 (2006.01)**
[25] FR
[54] **DEVICE FOR PACKAGING BALLS FOR REACTION VESSELS FOR AN ANALYSIS APPLIANCE**
[54] **DISPOSITIF DE CONDITIONNEMENT DE BILLES POUR CUVETTES DE REACTION DESTINEES A UN APPAREIL D'ANALYSE**
[72] BROSSARD, MATTHIEU, FR
[71] DIAGNOSTICA STAGO, FR
[85] 2019-10-15
[86] 2018-04-10 (PCT/FR2018/050898)
[87] (WO2018/193184)
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[51] **Int.Cl. C09D 11/00 (2014.01) C09D 11/101 (2014.01) C09D 11/102 (2014.01) C09D 11/52 (2014.01) C09D 11/02 (2014.01) C09D 101/00 (2006.01) H01B 1/20 (2006.01) H01B 1/22 (2006.01) H05K 1/09 (2006.01)**
[25] EN
[54] **ELECTRICALLY-CONDUCTIVE INK FORMULATIONS CONTAINING MICROCRYSTALLINE CELLULOSE, METHODS OF PRINTING ELECTRICALLY-CONDUCTIVE TRACES, AND LAMINATES CONTAINING THE SAME**
[54] **FORMULATIONS D'ENCRES ELECTROCONDUCTRICES CONTENANT DE LA CELLULOSE MICROCRISTALLINE, PROCEDES D'IMPRESSION DE TRACES ELECTROCONDUCTRICES, ET STRATIFIES LES CONTENANT**
[72] KRAMER, ROBERT JACOB, US
[72] O'BRIEN, KEVIN FRANCIS, US
[71] THE DILLER CORPORATION, US
[85] 2019-10-15
[86] 2018-04-12 (PCT/US2018/027293)
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[30] US (62/485,153) 2017-04-13

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[51] **Int.Cl. A61K 31/137 (2006.01) A61K 47/02 (2006.01) A61K 47/18 (2017.01)**
[25] EN
[54] **EPINEPHRINE SPRAY FORMULATIONS**
[54] **FORMULATIONS POUR LA PULVERISATION D'EPINEPHRINE**
[72] POTTA, THRIMOORTHY, US
[72] BASTIAN, CRAIG, US
[72] YAN, NINGXIN, US
[72] GOSKONDA, VENKA, US
[72] CHILAMPALLI, CHANDESHWARI, US
[72] INAVOLU, RACHANA, US
[72] NARAYANAN, ESHWARAN, US
[71] HIKMA PHARMACEUTICALS USA INC., US
[85] 2019-10-15
[86] 2018-04-17 (PCT/US2018/027889)
[87] (WO2018/195029)
[30] US (15/488,712) 2017-04-17

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[13] A1
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[25] EN
[54] **PHARMACEUTICAL FORMULATIONS OF XANTHINE OR XANTHINE DERIVATIVES, AND THEIR USE**
[54] **FORMULATIONS PHARMACEUTIQUES DE XANTHINE OU DE DERIVES DE XANTHINE, ET LEUR UTILISATION**
[72] BUDERER, MATTHEW J., US
[72] SAADEH, DENNIS, US
[72] BOLL, ANDREW R., US
[71] HARROW IP, LLC, US
[85] 2019-10-15
[86] 2018-06-12 (PCT/US2018/036981)
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[30] US (15/620,430) 2017-06-12

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) C12N 15/115 (2010.01) A61K 31/4545 (2006.01) A61P 11/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING PULMONARY FIBROSIS**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE LA FIBROSE PULMONAIRE**
[72] GARCIA, JOE G.N., US
[72] HECKER, LOUISE, US
[71] THE UNITED STATES OF AMERICA AS REPRESENTED BY THE DEPARTMENT OF VETERS AFFAIRS, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[85] 2019-10-11
[86] 2018-04-16 (PCT/US2018/027799)
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[30] US (62/485,863) 2017-04-14

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[13] A1
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[54] **APPAREIL POUR LA PREPARATION DE COMPOSES PHARMACOLOGIQUEMENT PERTINENTS A PARTIR DE SOURCES BOTANIQUES**
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[71] RIVAS, JOSE, US
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[54] **LED BATTERY BACKUP LAMP**
[54] **LAMPE DE SECOURS A BATTERIE A DEL**
[72] RAMAIAH, RAGHU, US
[72] FIRIS, JAMES WILLIAM, US
[72] MCMAHON, MORGAN LANE, US
[71] GE LIGHTING SOLUTIONS, LLC, US
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[54] **CONTAMINATION RESISTANT POPPET VALVES**
[54] **SOUPAPES A CHAMPIGNON RESISTANT A LA CONTAMINATION**
[72] WOJICK, TROY GILCHRIST, US
[72] VIRKLER, ADAM, US
[72] BAILEY, TERRY, US
[72] NOSEK, DANIEL JOHN, US
[72] FOUNDOULIS, JOHN, US
[72] DIETRICH, BRENT, US
[71] GE ENERGY CONTROL SOLUTIONS, LLC, US
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[54] **SYSTEME D'HYBRIDATION POUR COURANT CONTINU HAUTE TENSION**
[72] GUILLARD, ERIC, FR
[71] LEACH INTERNATIONAL EUROPE, FR
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[54] **METHOD FOR DETERMINING DEFECTS AND VULNERABILITIES IN SOFTWARE CODE**
[54] **PROCEDE DE DETERMINATION DE DEFAUTS ET DE VULNERABILITES DANS UN CODE DE LOGICIEL**
[72] TAN, LIN, CA
[72] WANG, SONG, CA
[72] NAM, JAECHANG, CA
[71] TAN, LIN, CA
[71] WANG, SONG, CA
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[54] **METHODS OF PREPARING INDOLINOBENZODIAZEPINE DERIVATIVES**
[54] **PROCEDES DE PREPARATION DE DERIVES D'INDOLINOBENZODIAZEPINE**
[72] GERARD, BAUDOUIN, US
[72] SILVA, RICHARD A., US
[72] MILLER, MICHAEL LOUIS, US
[72] SHIZUKA, MANAMI, US
[71] IMMUNOGEN, INC., US
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[54] **SYSTEM FOR LINE MONITORING IN AN ENERGY CHAIN**
[54] **SYSTEME PERMETTANT DE SURVEILLER UNE CONDUITE OU UNE LIGNE DANS UNE CHAINE PORTE-CABLES**
[72] KRISTA, SEBASTIAN, DE
[71] IGUS GMBH, DE
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[25] EN
[54] **NEAR-END CROSSTALK CANCELLATION**
[54] **ELIMINATION DE LA PARADIAPHONIE**
[72] LINNEY, DAVID W, GB
[72] COOKE, STEPHEN PETER, CA
[72] COOKE, STEPHEN PETER, GB
[71] GENESIS TECHNICAL SYSTEMS CORP., CA
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[54] **PLAYER INPUT MOTION COMPENSATION BY ANTICIPATING MOTION VECTORS**
[54] **COMPENSATION DE MOUVEMENT D'ENTREE D'UN JOUEUR PAR ANTICIPATION DE VECTEURS DE MOUVEMENT**
[72] KOPIETZ, MICHAEL, DE
[71] ZENIMAX MEDIA INC., US
[85] 2019-10-15
[86] 2018-04-20 (PCT/US2018/028620)
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[54] **P-ETHOXY NUCLEIC ACIDS FOR IGF-1R INHIBITION**
[54] **ACIDES NUCLEIQUES P-ETHOXY POUR L'INHIBITION DE IGF-1R**
[72] ASHIZAWA, ANA, US
[72] HOOPER, DOUGLAS CRAIG, US
[72] ANDREWS, DAVID W., US
[71] BIO-PATH HOLDINGS, INC., US
[71] THOMAS JEFFERSON UNIVERSITY, US
[85] 2019-10-15
[86] 2018-04-19 (PCT/US2018/028308)
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[25] EN
[54] **COATED GRANULES, THEIR USE AND WASHING AND CLEANING AGENTS CONTAINING THESE**
[54] **GRANULES ENROBES, LEUR UTILISATION ET PRODUITS DE LAVAGE ET DE NETTOYAGE CONTENANT CES GRANULES**
[72] BARRELEIRO, PAULA, DE
[72] MORSCHHAUSER, ROMAN, DE
[72] KUHSE, BO, DE
[72] LUDWIG, ROLF, DE
[71] WEYLCHEM WIESBADEN GMBH, DE
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[54] **ENDOSCOPE HYBRIDE FLEXIBLE-RIGIDE ET FIXATIONS D'INSTRUMENT**
[72] NOYES, WILLARD S., US
[71] RESNENT, LLC, US
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[54] **LED LIGHT SOURCE**
[54] **SOURCE DE LUMIERE A DEL**
[72] CONRAD, WAYNE ERNEST, CA
[71] OMACHRON INTELLECTUAL PROPERTY INC., CA
[85] 2019-10-16
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[54] **APPLICATOR FOR PARTICULATE ADDITIVES**
[54] **APPLICATEUR POUR ADDITIFS PARTICULAIRES**
[72] HUMPHREY, DAVID E., US
[72] PAYNE, JOSEPH T. JR., US
[71] HOLLISON, LLC, US
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[54] **PROCEDE, APPAREIL ET SYSTEME DE TRANSMISSION D'INFORMATIONS/SIGNAUX DE LIAISON MONTANTE PERIODIQUES**
[72] LIN, YANAN, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **DOME FORMATION PROFILE & METHOD OF LIGHTWEIGHT CONTAINER DESIGN AND MANUFACTURE**
[54] **PROFIL DE FORMATION DE DOME ET METHODE DE CONCEPTION ET DE FABRICATION DE RECIPIENT LEGER**
[72] SINES, JAMES ALAN, US
[71] CAN FORMING TECHNOLOGIES, LLC, US
[85] 2019-10-15
[86] 2018-04-21 (PCT/US2018/028751)
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[51] **Int.Cl. C07K 14/435 (2006.01) C12N 5/07 (2010.01) A61K 35/36 (2015.01) A61K 38/17 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) C12N 9/50 (2006.01) C12N 9/64 (2006.01)**
[25] EN
[54] **DELIVERY OF AUTOLOGOUS CELLS COMPRISING MATRIX METALLOPROTEINASE FOR TREATMENT OF SCLERODERMA**
[54] **ADMINISTRATION DE CELLULES AUTOLOGUES COMPRENANT UNE METALLOPROTEINASE MATRICIELLE POUR LE TRAITEMENT DE LA SCLERODERMIE**
[72] THOMAS, DARBY, US
[72] MASLOWSKI, JOHN, US
[72] MALYALA, ANNA, US
[71] INTREXON CORPORATION, US
[85] 2019-10-15
[86] 2018-04-20 (PCT/US2018/028551)
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[51] **Int.Cl. G01H 9/00 (2006.01) G01V 1/18 (2006.01)**
[25] EN
[54] **METHOD OF MAKING AN ACOUSTIC SENSOR**
[54] **PROCEDE DE FABRICATION D'UN CAPTEUR ACOUSTIQUE**
[72] DANKERS, ARNE, CA
[72] JALILIAN, SEYED EHSAN, CA
[71] HIFI ENGINEERING INC., CA
[85] 2019-10-16
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[54] **ANTI-REPLAY ATTACK AUTHENTICATION PROTOCOL**
[54] **PROTOCOLE D'AUTHENTIFICATION D'ATTAQUE ANTI-REEXECUTION**
[72] LV, HONG, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
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[86] 2019-04-26 (PCT/CN2019/084510)
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[51] **Int.Cl. G01N 33/28 (2006.01)**
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[54] **METHOD OF DETERMINING THE STABILITY RESERVE AND SOLUBILITY PARAMETERS OF A PROCESS STREAM CONTAINING ASPHALTENES BY JOINT USE OF TURBIDIMETRIC METHOD AND REFRACTIVE INDEX**
[54] **PROCEDE DE DETERMINATION LES PARAMETRES DE RESERVE DE STABILITE ET DE SOLUBILITE D'UN FLUX DE TRAITEMENT CONTENANT DES ASPHALTENES PAR UTILISATION CONJOINTE D'UN PROCEDE DE TURBIDIMETRIE ET D'UN INDICE DE REFRACTION**
[72] RESPINI, MARCO, IT
[72] DELLA SALA, GIUSEPPE, GB
[72] SANDU, CORINA, US
[72] MEDINE, GAVIN MARK, NL
[72] PINAPPU, SAI REDDY, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[86] 2018-04-23 (PCT/US2018/028909)
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[54] **PRECIPITATION HARDENABLE COBALT-NICKEL BASE SUPERALLOY AND ARTICLE MADE THEREFORM**
[54] **SUPERALLIAGE A BASE DE COBALT-NICKEL A DURCISSEMENT PAR PRECIPITATION ET ARTICLE FABRIQUE A PARTIR DE CELUI-CI**
[72] FORSIK, STEPHANE, US
[72] POLAR-ROSAS, ALBERTO, US
[72] WANG, TAO, US
[72] KERNION, SAMUEL, US
[72] EPLER, MARIO, US
[72] ZHOU, NING, US
[71] CRS HOLDINGS, INC., US
[85] 2019-10-15
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[51] **Int.Cl. A61C 8/00 (2006.01)**
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[54] **BOTE CONTROLLED DRILL-HEAD GUIDE PLATE AND MANUFACTURING METHOD THEREOF**
[54] **PLAQUE GUIDE DE PIECE A MAIN DE COMMANDE D'OCCLUSION DE DENT ET SON PROCEDE DE FABRICATION**
[72] WU, SHENGFU, CN
[72] WU, MEIYAN, CN
[71] SHENZHEN AHEADFIT TECHNOLOGY CO., LTD, CN
[85] 2019-10-16
[86] 2017-06-04 (PCT/CN2017/087111)
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[30] CN (201710261853.4) 2017-04-20

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[51] **Int.Cl. A44C 21/00 (2006.01) B21K 23/00 (2006.01) B21K 25/00 (2006.01) B44B 5/00 (2006.01) G01N 27/02 (2006.01) G07D 5/08 (2006.01)**
[25] EN
[54] **COMPOSITE STRUCTURE WITH SEPARATOR FOR COINS AND THE LIKE**
[54] **STRUCTURE COMPOSITE AVEC SEPARATEUR POUR PIECES DE MONNAIE ET AUTRES**
[72] SAWATZKY, TREVOR, CA
[72] EVERTON, BRADLEY, CA
[72] LI, XIANYAO, CA
[71] MONNAIE ROYALE CANADIENNE/ROYAL CANADIAN MINT, CA
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[51] **Int.Cl. G08B 21/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR RECORDING AND REAL-TIME TRANSMISSION OF IN-FLIGHT OF AIRCRAFT COCKPIT TO GROUND SERVICES**
[54] **SYSTEME D'ENREGISTREMENT ET D'EMISSION EN TEMPS REEL DE VOL D'UN COCKPIT D'AERONEF A DES SERVICES AU SOL**
[72] OLSON, ERLEND, US
[71] THEIA GROUP, INCORPORATED, US
[85] 2019-10-15
[86] 2018-04-20 (PCT/US2018/028571)
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[25] EN
[54] **ENERGY-EFFICIENT SOLVENT-FREE METHOD FOR PRODUCING METAL CHELATES**
[54] **PROCEDE DE FABRICATION DE CHELATES DE METAUX SANS SOLVANT ECONOME EN ENERGIE**
[72] KAUFMANN, DIETER E., DE
[72] NAMYSLO, JAN C., DE
[72] FLORESCU, ROMAN, DE
[72] WAWRZINEK, BIRGIT, DE
[71] TECHNISCHE UNIVERSITAT CLAUSTHAL, DE
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[54] **METHOD FOR SECURING A DENTAL IMPLANT PREPARATION HOLE AND A BITE CONTROLLED DRILL-HEAD GUIDE PLATE**
[54] **PROCEDE DE FIXATION POUR MECANISME DE PREPARATION DE TROU POUR IMPLANT DENTAIRE ET PLAQUE GUIDE DE PIECE A MAIN DE COMMANDE REGLABLE D'OCCLUSION DE DENT POUR METTRE EN OEUVRE UNE PREPARATION DE TROU POUR IMPLANT DENTAIRE**
[72] WU, SHENGFU, CN
[72] WU, MEIYAN, CN
[71] SHENZHEN AHEADFIT TECHNOLOGY CO., LTD, CN
[85] 2019-10-16
[86] 2017-07-05 (PCT/CN2017/091774)
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[54] **ENGINEERED MEGANUCLEASES SPECIFIC FOR RECOGNITION SEQUENCES IN THE PCSK9 GENE**
[54] **MEGANUCLEASES MODIFIEES SPECIFIQUES POUR DES SEQUENCES DE RECONNAISSANCE DANS LE GENE PCSK9**
[72] BARTSEVICH, VICTOR, US
[72] JANTZ, DEREK, US
[72] SMITH, JAMES JEFFERSON, US
[72] LAPE, JANEL, US
[71] PRECISION BIOSCIENCES, INC., US
[85] 2019-10-15
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[30] US (62/488,403) 2017-04-21
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[25] EN
[54] **DOWNHOLE POWER GENERATION SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME DE PRODUCTION D'ENERGIE DE FOND DE TROU**
[72] MAO, SAIJUN, CN
[72] CHEN, YUNZHENG, DE
[72] LIAO, YI, US
[72] QI, XUELE, US
[72] XUE, MING, CN
[72] BRAZIL, STEWART BLAKE, US
[71] GENERAL ELECTRIC COMPANY, US
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[86] 2018-04-24 (PCT/US2018/029055)
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[25] EN
[54] **AN IRON TUNGSTEN BOROCARBIDE BODY FOR NUCLEAR SHIELDING APPLICATIONS**
[54] **CORPS EN BOROCARBURE DE FER-TUNGSTENE POUR APPLICATIONS DE BLINDAGE NUCLEAIRE**
[72] MARSHALL, JESSICA, GB
[71] HYPERION MATERIALS & TECHNOLOGIES (SWEDEN) AB, SE
[85] 2019-10-16
[86] 2018-02-23 (PCT/EP2018/054585)
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[25] FR
[54] **TOPICAL PHARMACEUTICAL COMPOSITION COMPRISING AT LEAST AMITRIPTYLINE, FOR THE TREATMENT OF PERIPHERAL NEUROPATHIC PAIN**
[54] **COMPOSITION PHARMACEUTIQUE TOPIQUE COMPRENANT AU MOINS DE L'AMITRIPTYLINE POUR LE TRAITEMENT DE DOULEURS NEUROPATHIQUES PERIPHERIQUES**
[72] GRECO, CELINE, FR
[71] ALGOTHERAPEUTIX, FR
[85] 2019-10-16
[86] 2018-04-18 (PCT/EP2018/059948)
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[30] FR (1753577) 2017-04-25

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[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING AND IDENTIFYING IDENTIFICATION CODE**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE GENERER ET D'IDENTIFIER UN CODE D'IDENTIFICATION**
[72] TU, YINHAI, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-10-16
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[25] EN
[54] **POLYMERIZATION CATALYST DELIVERY**
[54] **ADMINISTRATION DE CATALYSEUR DE POLYMERISATION**
[72] GUPTA, ANURAG, US
[72] BALINSKY, ANNE M., US
[72] MCELVAIN, ROBERT R., US
[72] STEWART, JOHN D., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2019-10-15
[86] 2018-04-25 (PCT/US2018/029326)
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[30] US (15/587,629) 2017-05-05

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[51] **Int.Cl. C07D 487/04 (2006.01) A61P 31/20 (2006.01)**
[25] EN
[54] **POLYMORPHIC FORM OF COMPOUND, PREPARATION METHOD AND USE THEREOF**
[54] **POLYMORPHE DE COMPOSE, PROCEDE DE PREPARATION S'Y RAPPORTANT ET UTILISATION DE CELUI-CI**
[72] SHEN, JIANWEI, CN
[72] ZHANG, JIN, CN
[72] LI, LONG, CN
[72] GAO, YONGHONG, CN
[72] ZHANG, ZHANTAO, CN
[72] ZHANG, YONG, CN
[71] QILU PHARMACEUTICAL CO., LTD., CN
[85] 2019-10-16
[86] 2018-04-26 (PCT/CN2018/084608)
[87] (WO2018/196805)
[30] CN (201710295287.9) 2017-04-28

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[51] **Int.Cl. A61K 39/102 (2006.01) A61K 39/12 (2006.01)**
[25] EN
[54] **BOVINE RESPIRATORY DISEASE VACCINE**
[54] **VACCIN CONTRE UNE MALADIE RESPIRATOIRE BOVINE**
[72] HALBUR, THOMAS, US
[72] HUNTIMER, LUCAS, US
[71] ELANCO US INC., US
[85] 2019-10-15
[86] 2018-04-27 (PCT/US2018/029759)
[87] (WO2018/204178)
[30] US (62/502,004) 2017-05-05

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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **MEDICAL IMAGE DETECTION**
[54] **DETECTION D'IMAGE MEDICALE**
[72] ZUO, FEI, NL
[72] WIMBERGER-FRIEDL, REINHOLD, NL
[72] PIERIK, ANKE, NL
[72] VAN LEEUWEN, MARINUS BASTIAAN, NL
[72] DE LAAT, KOEN, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2019-10-16
[86] 2018-04-10 (PCT/EP2018/059081)
[87] (WO2018/192796)
[30] EP (17167554.9) 2017-04-21

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[13] A1
[51] **Int.Cl. A61H 7/00 (2006.01)**
[25] FR
[54] **MASSAGE HEAD AND MASSAGE EQUIPMENT EMPLOYING SUCH A HEAD**
[54] **TETE DE MASSAGE ET APPAREIL DE MASSAGE METTANT EN OEUVRE UNE TELLE TETE**
[72] FUSTER, ARNAUD, FR
[71] LPG SYSTEMS, FR
[85] 2019-10-16
[86] 2018-04-19 (PCT/EP2018/059975)
[87] (WO2018/197317)
[30] FR (1753629) 2017-04-26

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[51] **Int.Cl. E01B 3/44 (2006.01)**
[25] EN
[54] **SLEEPER FOR THE TRACK SUPERSTRUCTURE**
[54] **TRAVERSE POUR SUPERSTRUCTURE DE VOIE**
[72] BOSTERLING, WINFRIED, DE
[72] LIU, DUO, DE
[71] VOSSLOH FASTENING SYSTEMS GMBH, DE
[85] 2019-10-16
[86] 2018-04-17 (PCT/EP2018/059794)
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[30] DE (10 2017 108 224.7) 2017-04-18

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[25] EN
[54] **GENE THERAPY**
[54] **THERAPIE GENIQUE**
[72] KAJASTE-RUDNITSKI, ANNA CHRISTINA, IT
[72] PETRILLO, CAROLINA, IT
[72] GENTNER, BERNHARD RUDOLF, IT
[72] NALDINI, LUIGI, IT
[72] GENOVESE, PIETRO, IT
[72] SCHIROLI, GIULIA, IT
[71] OSPEDALE SAN RAFFAELE S.R.L., IT
[71] FONDAZIONE TELETHON, IT
[85] 2019-10-15
[86] 2018-04-20 (PCT/EP2018/060237)
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[30] GB (1706394.2) 2017-04-21

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[51] **Int.Cl. B07B 1/15 (2006.01) F16C 27/06 (2006.01)**
[25] EN
[54] **DEVICE FOR THE CLASSIFICATION OF MATERIAL BEING CLASSIFIED**
[54] **DISPOSITIF DE CRIBLAGE DE PRODUIT A CRIBLER**
[72] DOPPSTADT, FERDINAND, DE
[71] DOPPSTADT FAMILIENHOLDING GMBH, DE
[85] 2019-10-16
[86] 2018-04-12 (PCT/EP2018/059349)
[87] (WO2018/202395)
[30] DE (10 2017 004 272.1) 2017-05-04

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[51] **Int.Cl. A61K 39/00 (2006.01) C07K 7/00 (2006.01) C07K 17/14 (2006.01)**
[25] EN
[54] **SILAFFIN SILICA PARTICLE ADJUVANT**
[54] **ADJUVANT DE PARTICULES DE SILICE SILAFFINE**
[72] BECKER, CHRISTIAN FRIEDRICH WILHELM, AT
[72] KAMALOV, MEDER, AT
[71] UNIVERSITAT WIEN, AT
[85] 2019-10-16
[86] 2018-04-19 (PCT/EP2018/060052)
[87] (WO2018/193039)
[30] EP (17167306.4) 2017-04-20

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[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01)**
[25] EN
[54] **CONTROL MODULE, CONFIGURATION SYSTEM, METHOD FOR USE AND MOTOR VEHICLE CONTROL UNIT**
[54] **MODULE DE COMMANDE, SYSTEME DE CONFIGURATION, PROCEDE D'UTILISATION ET UNITE DE COMMANDE DE VEHICULE AUTOMOBILE**
[72] KURNER, RAINER, DE
[72] BURKHARDT, UWE, DE
[71] FLEX AUTOMOTIVE GMBH, DE
[85] 2019-10-16
[86] 2018-04-13 (PCT/EP2018/059530)
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[30] EP (17167064.9) 2017-04-19

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[13] A1
[51] **Int.Cl. B66B 9/08 (2006.01)**
[25] EN
[54] **METHOD OF PLANNING A PLATFORM LIFT**
[54] **PROCEDE DE PLANIFICATION DE PLATE-FORME ELEVATRICE**
[72] SCHIERENBECK, ANDREAS, DE
[72] FELIS, THOMAS, US
[72] SESMA SANCHEZ, FRANCISCO JAVIER, ES
[72] XU, JIE, US
[72] DE KLEER, PIETER-BAS, NL
[72] HERNANDEZ ALVAREZ, JONATAN, ES
[72] QUIROGA SANCHEZ, ANA BELEN, ES
[72] PEREZ PEREZ, MARCOS, ES
[71] THYSSENKRUPP ELEVATOR AG, DE
[71] THYSSENKRUPP AG, DE
[85] 2019-10-16
[86] 2018-04-19 (PCT/EP2018/060044)
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[51] **Int.Cl. G01N 33/542 (2006.01) C08B 37/02 (2006.01) G01N 33/66 (2006.01)**
[25] EN
[54] **USING A BLUE-SHIFTED REFERENCE DYE IN AN OPTICAL GLUCOSE ASSAY**
[54] **UTILISATION D'UN COLORANT DE REFERENCE DECALE VERS LE BLEU DANS UN DOSAGE OPTIQUE DU GLUCOSE**
[72] AASMUL, SOREN, DK
[72] SVENNING KRISTENSEN, JESPER, DK
[71] MEDTRONIC MINIMED, INC., US
[85] 2019-10-15
[86] 2018-04-27 (PCT/US2018/029823)
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[30] US (15/581,540) 2017-04-28

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[13] A1
[51] **Int.Cl. A61K 51/04 (2006.01) A61K 51/08 (2006.01)**
[25] EN
[54] **NOVEL PSMA-BINDING AGENTS AND USES THEREOF**
[54] **NOUVEAUX AGENTS DE LIAISON AU PSMA ET UTILISATION DE CES AGENTS**
[72] BENESOVA, MARTINA, CH
[72] MULLER, CRISTINA, CH
[72] UMBRICHT, CHRISTOPH, CH
[72] SCHIBLI, ROGER, CH
[72] ZHERNOSEKOV, KONSTANTIN, DE
[71] ITM ISOTOPEN TECHNOLOGIEN MUNCHEN AG, DE
[71] PAUL SCHERRER INSTITUT, CH
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[86] 2018-05-24 (PCT/EP2018/063734)
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[30] EP (17000891.6) 2017-05-24
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[25] EN
[54] **GENE THERAPY**
[54] **THERAPIE GENIQUE**
[72] NALDINI, LUIGI, IT
[72] ESCOBAR, GIULIA, IT
[72] GENTNER, BERNHARD RUDOLF, IT
[72] MUCCI, ADELE, IT
[71] OSPEDALE SAN RAFFAELE S.R.L., IT
[71] FONDAZIONE TELETHON, IT
[85] 2019-10-15
[86] 2018-04-20 (PCT/EP2018/060238)
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[30] GB (1706410.6) 2017-04-21
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[25] EN
[54] **HOLDERS, HOLDER STRIPS AND A CULTIVATION-, PACKAGING- AND SHIPPING SYSTEM AND METHOD FOR PLUGS**
[54] **SUPPORTS, BANDES DE SUPPORTS AINSI QUE SYSTEME ET PROCEDE DE CULTURE, D'EMBALLAGE ET D'EXPEDITION POUR MOTTES**
[72] VISSER, ANTHONY, NL
[71] VISSER 'S-GRAVENDEEL HOLDING B.V., NL
[71] HISHTIL LTD., IL
[85] 2019-10-16
[86] 2018-04-19 (PCT/EP2018/060103)
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[51] **Int.Cl. A61K 48/00 (2006.01) C07H 21/02 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **RAF-DEGRADING CONJUGATE COMPOUNDS**
[54] **COMPOSES CONJUGUES DE DEGRADATION DE RAF**
[72] ZAMBONI, ROBERT, US
[72] HENNING, RYAN, US
[72] JI, XIAN ALAN, US
[72] SMITH, TYLER, US
[72] HELLER, BRADLEY, US
[72] REDDY, THUMKUNTA JAGADEESWAR, US
[72] ROCHELEAU, SYLVAIN, US
[72] BEAULIEU, MARC ANDRE, US
[71] QUARTZ THERAPEUTICS, INC., US
[85] 2019-10-15
[86] 2018-04-27 (PCT/US2018/029837)
[87] (WO2018/200981)
[30] US (62/491,925) 2017-04-28
[30] US (62/581,464) 2017-11-03

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[51] **Int.Cl. A61B 18/18 (2006.01) A61B 18/14 (2006.01) A61N 1/32 (2006.01) A61B 18/00 (2006.01) A61B 18/12 (2006.01)**
[25] EN
[54] **ELECTROSURGICAL INSTRUMENT FOR PERFORMING ABLATION OR ELECTROPORATION OF BIOLOGICAL TISSUE**
[54] **INSTRUMENT ELECTROCHIRURGICAL POUR EFFECTUER UNE ABLATION OU UNE ELECTROPORATION DE TISSU BIOLOGIQUE**
[72] HANCOCK, CHRISTOPHER PAUL, GB
[72] BISHOP, JOHN, GB
[71] CREO MEDICAL LIMITED, GB
[85] 2019-10-16
[86] 2018-06-01 (PCT/EP2018/064467)
[87] (WO2018/224404)
[30] GB (1709134.9) 2017-06-08

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[51] **Int.Cl. B65D 41/34 (2006.01) B65D 50/04 (2006.01)**
[25] EN
[54] **SAFETY CAPSULE WITH STRIP FOR PREVENTING EXTRACTION**
[54] **CAPSULE DE SECURITE AVEC BANDE POUR EMPECHER L'EXTRACTION**
[72] PAGANUZZI, VALERIO, IT
[71] BORMIOLI PHARMA S.P.A., IT
[85] 2019-10-16
[86] 2018-04-24 (PCT/IB2018/052842)
[87] (WO2018/198027)
[30] IT (102017000046734) 2017-04-28

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[13] A1
[51] **Int.Cl. C07H 19/10 (2006.01) C12Q 1/6869 (2018.01) C07H 19/06 (2006.01) C07H 19/16 (2006.01) C07H 19/20 (2006.01) C07H 21/00 (2006.01)**
[25] EN
[54] **SHORT PENDANT ARM LINKERS FOR NUCLEOTIDES IN SEQUENCING APPLICATIONS**
[54] **LIEURS DE BRAS PENDANTS COURTS POUR NUCLEOTIDES DANS DES APPLICATIONS DE SEQUENCAGE**
[72] CRESSINA, ELENA, GB
[72] FRANCAIS, ANTOINE, GB
[72] LIU, XIAOHAI, GB
[71] ILLUMINA CAMBRIDGE LTD, GB
[85] 2019-10-16
[86] 2018-07-12 (PCT/EP2018/069030)
[87] (WO2019/012080)
[30] GB (1711219.4) 2017-07-12

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[51] **Int.Cl. A61K 45/00 (2006.01) A23L 33/10 (2016.01) A61K 9/20 (2006.01) A61K 31/194 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01) A61P 13/12 (2006.01) A61P 19/06 (2006.01)**
[25] EN
[54] **BLOOD PURIFICATION BY ALKALINIZING AGENT**
[54] **PROCEDE DE PURIFICATION DU SANG A L'AIDE D'UN AGENT D'ALCALINISATION**
[72] ABE, MICHIAKI, JP
[72] KOSHIBA, SEIZO, JP
[72] NISHIOKA, KOICHIRO, JP
[72] KAWAGUCHI, KAZUHIKO, JP
[72] YAMASAKI, SATOMI, JP
[72] TERANAKA, YASUYUKI, JP
[71] TOHOKU UNIVERSITY, JP
[71] NIPPON CHEMIPHAR CO., LTD., JP
[85] 2019-10-16
[86] 2018-03-13 (PCT/JP2018/009679)
[87] (WO2018/193752)
[30] JP (2017-082423) 2017-04-18
[30] JP (2017-085741) 2017-04-24
[30] JP (2017-103935) 2017-05-25
[30] JP (PCT/JP2017/032931) 2017-09-12

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[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **CAPSULE**
[54] **CAPSULE**
[72] BARTOLI, ANDREA, IT
[72] CAPITINI, DAVIDE, IT
[71] SARONG SOCIETA' PER AZIONI, IT
[85] 2019-10-16
[86] 2018-05-02 (PCT/IB2018/053036)
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[30] IT (102017000047824) 2017-05-03

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[51] **Int.Cl. H05K 1/02 (2006.01) H01Q 1/38 (2006.01) H01Q 21/08 (2006.01) H01Q 23/00 (2006.01) H05K 3/46 (2006.01) H05K 9/00 (2006.01)**
[25] EN
[54] **MULTILAYER SUBSTRATE, MULTILAYER SUBSTRATE ARRAY, AND TRANSMISSION/RECEPTION MODULE**
[54] **SUBSTRAT MULTICOUCHE, RESEAU DE SUBSTRATS MULTICOUCHES ET MODULE D'EMISSION/RECEPTION**
[72] WADA, HIDEYUKI, JP
[71] FUJIKURA LTD., JP
[85] 2019-10-16
[86] 2018-04-04 (PCT/JP2018/014416)
[87] (WO2018/193844)
[30] JP (2017-081136) 2017-04-17

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[51] **Int.Cl. G02B 27/00 (2006.01) G02B 5/18 (2006.01) G02B 27/01 (2006.01) G02B 27/10 (2006.01) G02B 27/42 (2006.01)**
[25] EN
[54] **DISPLAY ELEMENT, PERSONAL DISPLAY DEVICE, METHOD OF PRODUCING AN IMAGE ON A PERSONAL DISPLAY AND USE**
[54] **ELEMENT D'AFFICHAGE, DISPOSITIF D'AFFICHAGE PERSONNEL, PROCEDE DE PRODUCTION D'UNE IMAGE SUR UN AFFICHAGE PERSONNEL ET UTILISATION**
[72] OLKKONEN, JUUSO, FI
[72] SUNNARI, ANTTI, FI
[71] DISPELIX OY, FI
[85] 2019-10-16
[86] 2018-05-03 (PCT/FI2018/050322)
[87] (WO2018/202951)
[30] FI (20175389) 2017-05-03

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[51] **Int.Cl. G09B 23/28 (2006.01)**
[25] EN
[54] **MEDICAL SIMULATIONS**
[54] **SIMULATIONS MEDICALES**
[72] SERRES CREIXAMS, XAVIER, ES
[72] TORRENTE ORTIZ, ANTONIO MIGUEL, ES
[72] FORT FERNANDEZ, SANTIAGO, ES
[72] ADROVER NADAL, MIQUEL ANGEL, ES
[71] FUNDACIO HOSPITAL UNIVERSITARI VALL D'HEBRON - INSTITUT DE RECERCA, ES
[71] FUNDACIO EURECAT, ES
[85] 2019-10-16
[86] 2018-04-19 (PCT/EP2018/060116)
[87] (WO2018/193064)
[30] EP (17382210.7) 2017-04-20

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[51] **Int.Cl. G02B 5/18 (2006.01) G02B 27/00 (2006.01) G02B 27/01 (2006.01) G02B 27/42 (2006.01)**
[25] EN
[54] **DIFFRACTIVE GRATING WITH VARIABLE DIFFRACTION EFFICIENCY AND METHOD FOR DISPLAYING AN IMAGE**
[54] **RESEAU DE DIFFRACTION A EFFICACITE DE DIFFRACTION VARIABLE ET PROCEDE D'AFFICHAGE D'UNE IMAGE**
[72] VARTIAINEN, ISMO, FI
[72] OLKKONEN, JUUSO, FI
[72] RAHOMAKI, JUSSI, FI
[71] DISPELIX OY, FI
[85] 2019-10-16
[86] 2018-05-08 (PCT/FI2018/050340)
[87] (WO2018/206847)
[30] FI (20175412) 2017-05-08

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[51] **Int.Cl. C02F 1/28 (2006.01) C02F 1/44 (2006.01) C02F 1/76 (2006.01)**
[25] EN
[54] **METHOD OF REMOVING SOLUBLE MANGANESE**
[54] **PROCEDE D'ELIMINATION DU MANGANESE SOLUBLE**
[72] MIMA, SATORU, JP
[72] SHIODE, SADAMITSU, JP
[72] OYACHI, HIROYUKI, JP
[72] SUGIURA, KIYOTAKA, JP
[72] TAKEUCHI, HIDEKI, JP
[71] METAWATER CO., LTD., JP
[85] 2019-10-16
[86] 2018-04-05 (PCT/JP2018/014606)
[87] (WO2018/198714)
[30] JP (2017-085428) 2017-04-24

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[13] A1
[51] **Int.Cl. G02F 1/025 (2006.01) G02F 1/017 (2006.01)**
[25] EN
[54] **SEMICONDUCTOR MACH-ZEHNDER MODULATOR**
[54] **MODULATEUR DE MACH-ZEHNDER SEMI-CONDUCTEUR**
[72] OZAKI, JOSUKE, JP
[72] OGISO, YOSHIHIRO, JP
[72] KASHIO, NORIHIDE, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2019-10-16
[86] 2018-04-17 (PCT/JP2018/015801)
[87] (WO2018/194044)
[30] JP (2017-082313) 2017-04-18

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[13] A1
[51] **Int.Cl. A47J 37/07 (2006.01) A47B 37/04 (2006.01) F24C 15/30 (2006.01)**
[25] EN
[54] **A TABLE HAVING A HEATING APPLIANCE**
[54] **TABLE EQUIPEE D'UN APPAREIL CHAUFFANT**
[72] RITCHIE, GUY STUART, GB
[72] TRUE, NIGEL, GB
[71] GUY RITCHIE HEATING COMPANY LIMITED, GB
[85] 2019-10-16
[86] 2018-08-31 (PCT/GB2018/000117)
[87] (WO2019/043351)
[30] GB (1713935.3) 2017-08-31

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 39/00 (2006.01) A61P 25/00 (2006.01) A61P 25/02 (2006.01) C07K 16/06 (2006.01)**
[25] EN
[54] **IMMUNOGLOBULIN PRODUCTS FOR USE IN THE TREATMENT OF CHRONIC INFLAMMATORY DEMYELINATING POLYNEUROPATHY**
[54] **PRODUITS D'IMMUNOGLOBULINE DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE LA POLYNEUROPATHIE DEMYELINISANTE INFLAMMATOIRE CHRONIQUE**
[72] MIELKE, ORELL, DE
[72] LAWO, JOHN-PHILIP, DE
[72] DURN, BILLIE, US
[72] TORTORICI, MICHAEL, US
[72] ZENKER, OTHMAR, DE
[72] VAN SCHAIK, IVO, NL
[71] CSL BEHRING AG, CH
[85] 2019-10-16
[86] 2018-04-20 (PCT/EP2018/060158)
[87] (WO2018/193078)
[30] US (62/488219) 2017-04-21
[30] EP (17177134.8) 2017-06-21
[30] US (62/571812) 2017-10-13

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **TERMINAL APPARATUS, BASE STATION APPARATUS, AND COMMUNICATION METHOD**
[54] **DISPOSITIF TERMINAL, DISPOSITIF DE STATION DE BASE ET PROCEDE DE COMMUNICATION**
[72] YOSHIMURA, TOMOKI, JP
[72] SUZUKI, SHOICHI, JP
[72] OUCHI, WATARU, JP
[72] LIU, LIQING, JP
[71] FG INNOVATION COMPANY LIMITED, CN
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2019-10-16
[86] 2018-04-26 (PCT/JP2018/017006)
[87] (WO2018/199240)
[30] JP (2017-087101) 2017-04-26

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[54] **DISPOSITIF DE TRANSMISSION A COURROIE DENTEE**
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[71] MITSUBOSHI BELTING LTD., JP
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[54] **SYSTEM FOR SENSING LEAKS IN A STUFFING BOX**
[54] **SYSTEME DE DETECTION DE FUITES DANS UN PRESSE-ETOUPE**
[72] GAGLIOTI, SILVIO FERREIRA, BR
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
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[25] EN
[54] **ADHESIVE TAPE FOR SPLICING OF METAL SHEETS USED IN HIGH-TENSION, HIGH TEMPERATURE PROCESSES**
[54] **BANDE ADHESIVE POUR L'EPISSAGE DE FEUILLES METALLIQUES UTILISEES DANS LES PROCEDES A HAUTE TENSION, HAUTE TEMPERATURE**
[72] TWORK, DEREK, US
[71] TESA SE, DE
[85] 2019-10-16
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[54] **THERAPEUTIC AGENT CONTAINING PYRANODIPYRIDINE COMPOUND**
[54] **AGENT THERAPEUTIQUE CONTENANT UN COMPOSE DE PYRANODIPYRIDINE**
[72] IDO, KATSUTOSHI, JP
[72] WAKITA, HISASHI, JP
[72] HATANAKA, KEN, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2019-10-16
[86] 2018-05-07 (PCT/JP2018/017619)
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[54] **VWF TRONQUE**
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[72] LAFFAN, MIKE, GB
[71] IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE, GB
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[25] EN
[54] **METHOD FOR DETECTING FORMATION OF A SEPARATE SYSTEM**
[54] **PROCEDE DE DETECTION D'UNE CONSTRUCTION DE RESEAU EN ILOT**
[72] DIEDRICHS, VOLKER, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[25] EN
[54] **DEMENTIA THERAPEUTIC AGENT COMBINING PYRAZOLOQUINOLINE DERIVATIVE AND MEMANTINE**
[54] **AGENT THERAPEUTIQUE POUR TRAITER LA DEMENCE ASSOCIANT UN DERIVE DE PYRAZOLOQUINOLINE ET DE LA MEMANTINE**
[72] MIYAMOTO, MAI, JP
[72] KOTANI, SADAHARU, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2019-10-16
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[54] **GENE THERAPY FOR CILIOPATHIES**
[54] **THERAPIE GENIQUE CONTRE LES CILIOPATHIES**
[72] BEALES, PHILLIP, GB
[72] HERNANDEZ, VICTOR, GB
[71] UCL BUSINESS LTD, GB
[85] 2019-10-16
[86] 2018-05-04 (PCT/GB2018/051219)
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[30] GB (1707212.5) 2017-05-05

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[51] **Int.Cl. C08B 15/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING CELLULOSE NANOFIBERS**
[54] **PROCEDE DE PRODUCTION DE NANOFIBRES DE CELLULOSE**
[72] KAMIYA, DAISUKE, JP
[72] MATSUKI, SHIROSHI, JP
[71] TOAGOSEI CO., LTD., JP
[85] 2019-10-16
[86] 2018-06-01 (PCT/JP2018/021103)
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[25] EN
[54] **T CELL REDIRECTING BISPECIFIC ANTIBODIES FOR THE TREATMENT OF EGFR POSITIVE CANCERS**
[54] **ANTICORPS BISPECIFIQUES DE REDIRECTION DE LYMPHOCYTES T POUR LE TRAITEMENT DE CANCERS POSITIFS DE L'EGFR**
[72] LISSILAA, RAMI, CH
[72] STUTZ, CIAN, CH
[71] GLENMARK PHARMACEUTICALS S.A., CH
[85] 2019-10-16
[86] 2018-04-24 (PCT/EP2018/060488)
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[54] **DOWNHOLE IMPACT APPARATUS**
[54] **APPAREIL IMPACTEUR DE FOND DE TROU**
[72] MASSEY, JAMES P., US
[71] IMPACT SELECTOR INTERNATIONAL, LLC, US
[85] 2019-10-16
[86] 2017-11-05 (PCT/IB2017/056911)
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[25] EN
[54] **SYNCHRONOUS BELT WITH STIFFENED TEETH**
[54] **COURROIE SYNCHRONE A DENTS RAIDIES**
[72] OCHOA, CHARLES F., US
[72] DECKER, CYNTHIA, US
[72] BIER, KARLA J., US
[72] PEASE, JENNIFER E., US
[72] MCNAMEE, PATRICK JOSEPH, US
[71] GATES CORPORATION, US
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[25] FR
[54] **NOVEL DEVICE FOR DISTRIBUTING A POLYPHASE MIXTURE IN A CHAMBER COMPRISING A FLUIDISED MEDIUM**
[54] **NOUVEAU DISPOSITIF DE DISTRIBUTION DE MELANGE POLYPHASIQUE DANS UNE ENCEINTE COMPORTANT UN MILIEU FLUIDISE**
[72] TEBIANIAN, SINA, FR
[72] AMBLARD, BENJAMIN, FR
[72] GAUTHIER, THIERRY, FR
[71] IFP ENERGIES NOUVELLES, FR
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[86] 2018-04-26 (PCT/EP2018/060799)
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[25] EN
[54] **MATERIAL FOR REMOVING ACTIVATED LEUKOCYTE-ACTIVATED PLATELET COMPLEX**
[54] **MATERIAU PERMETTANT D'ELIMINER UN COMPLEXE FORME DE PLAQUETTES ACTIVEES-LEUCOCYTES ACTIVES**
[72] TOMITA, NAOTOSHI, JP
[72] SHIMADA, KAORU, JP
[72] TAKAHASHI, HIROSHI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2019-10-16
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[25] EN
[54] **SYNCHRONOUS BELT WITH UNIDIRECTIONAL FABRIC REINFORCEMENT**
[54] **COURROIE SYNCHRONE DOTEE D'UN RENFORT EN TISSU UNIDIRECTIONNEL**
[72] MCNAMEE, PATRICK JOSEPH, US
[72] ANYAOGU, KELECHI C., US
[71] GATES CORPORATION, US
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[51] **Int.Cl. H04N 19/13 (2014.01) H04N 19/119 (2014.01) H04N 19/124 (2014.01) H04N 19/129 (2014.01) H04N 19/176 (2014.01)**
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[54] **IMAGE ENCODING/DECODING METHOD AND DEVICE THEREFOR**
[54] **PROCEDE DE CODAGE/DECODAGE D'IMAGE, ET DISPOSITIF ASSOCIE**
[72] KOO, MOONMO, KR
[72] KIM, SEUNGHWAN, KR
[71] LG ELECTRONICS INC., KR
[85] 2019-10-16
[86] 2018-03-13 (PCT/KR2018/002952)
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[51] **Int.Cl. B01J 2/04 (2006.01) B01J 2/16 (2006.01)**
[25] EN
[54] **PRODUCTION OF A SOLID CHEMICAL PRODUCT**
[54] **PRODUCTION D'UN PRODUIT CHIMIQUE SOLIDE**
[72] SCOTTO, ANDREA, CH
[72] REGGIORI, STEFANO, IT
[72] GABBIADINI, SERENA, IT
[71] CASALE SA, CH
[85] 2019-10-16
[86] 2018-04-30 (PCT/EP2018/061021)
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[30] EP (17169652.9) 2017-05-05

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[51] **Int.Cl. A01N 1/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR SCALE-DOWN THE PROCESSES OF FREEZING AND THAWING AQUEOUS SOLUTIONS OF THERMO-SENSITIVE PHARMACEUTICALS**
[54] **SYSTEME POUR LA REDUCTION D'ECHELLE DE PROCESSUS DE CONGELATION ET DE DECONGELATION DE SOLUTIONS AQUEUSES DE PRODUITS PHARMACEUTIQUES THERMOSENSIBLES**
[72] SILVESTRE DUARTE, ANDREIA FILIPA, PT
[72] SENA REGO, PEDRO GIL, PT
[72] DE BRITO ESTRELA, RUI, PT
[71] SMARTFREEZ LDA, PT
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[54] **UNIVERSAL FARE PAYMENT AND COLLECTION SYSTEM**
[54] **SYSTEME UNIVERSEL DE PAIEMENT ET DE COLLECTE DE PRIX**
[72] MANGO, MOUA BRANCKAY CESAR SERGE, FR
[71] MANGO, MOUA BRANCKAY CESAR SERGE, FR
[85] 2019-10-16
[86] 2018-04-23 (PCT/IB2018/000505)
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[51] **Int.Cl. A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07D 401/12 (2006.01) C07H 15/203 (2006.01)**
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[54] **QUATERNIZED NICOTINAMIDE ADENINE DINUCLEOTIDE SALVAGE PATHWAY INHIBITOR CONJUGATES**
[54] **CONJUGUES D'INHIBITEUR DE LA VOIE DE RECUPERATION DU NICOTINAMIDE ADENINE DINUCLEOTIDE QUATERNARISE**
[72] NEUMANN, CHRISTOPHER SCOTT, US
[72] OLIVAS, KATHLEEN, US
[72] LYON, ROBERT, US
[72] WANG, KUNG-PERN, US
[71] SEATTLE GENETICS, INC., US
[85] 2019-10-15
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[30] US (62/490,733) 2017-04-27
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[51] **Int.Cl. B64C 35/00 (2006.01) B60F 5/02 (2006.01) B64C 37/00 (2006.01)**
[25] EN
[54] **METHOD FOR TRANSFORMATION OF MOTOR TRANSPORTATION VEHICLE FOR GROUND AND AIR TRANSPORT, MOTOR TRANSPORTATION VEHICLE**
[54] **PROCEDE DE TRANSFORMATION DE VEHICULE DE TRANSPORT A MOTEUR DESTINE AU TRANSPORT TERRESTRE ET AERIEN, ET VEHICULE DE TRANSPORT A MOTEUR ASSOCIE**
[72] KLEIN, STEFAN, SK
[71] KLEIN, STEFAN, SK
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[86] 2018-05-10 (PCT/SK2018/050005)
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[54] **METHOD AND DEVICE FOR COMPRESSING A TRACK BALLAST BED**
[54] **PROCEDE ET DISPOSITIF DESTINES A COMPRIMER UN BALLAST**
[72] KOPF, FRITZ, AT
[72] ADAM, DIETMAR, AT
[72] ANTONY, BERNHARD, AT
[72] AUER, FLORIAN, AT
[72] BARBIR, OLJA, AT
[72] PISTROL, JOHANNES, AT
[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GMBH, AT
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[51] **Int.Cl. G02B 27/01 (2006.01) G06T 19/20 (2011.01) G02B 27/22 (2018.01)**
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[54] **MATCHING CONTENT TO A SPATIAL 3D ENVIRONMENT**
[54] **MISE EN CORRESPONDANCE D'UN CONTENU AVEC UN ENVIRONNEMENT 3D SPATIAL**
[72] BASTOV, DENYS, US
[72] NG-THOW-HING, VICTOR, US
[72] REINHARDT, BENJAMIN ZAARON, US
[72] ZOLOTAREV, LEONID, US
[72] PELLET, YANNICK, US
[72] MARCHENKO, ALEKSEI, US
[72] MEANEY, BRIAN EVERETT, US
[72] SHELTON, MARC COLEMAN, US
[72] GEIMAN, MEGAN ANN, US
[72] GOTCHER, JOHN A., US
[72] BOGUE, MATTHEW SCHON, US
[72] BALASUBRAMANYAM, SHIVAKUMAR, US
[72] RUEDIGER, JEFFREY EDWARD, US
[72] LUNDMARK, DAVID CHARLES, US
[71] MAGIC LEAP, INC., US
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[25] EN
[54] **NICOTINAMIDE FOR TREATING DYSLIPIDEMIA**
[54] **NICOTINAMIDE POUR LE TRAITEMENT DE LA DYSLIPIDEMIE**
[72] AMMER, RICHARD, DE
[71] SALMON PHARMA GMBH, CH
[85] 2019-10-16
[86] 2018-05-02 (PCT/EP2018/061196)
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[30] EP (17169011.8) 2017-05-02

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[51] **Int.Cl. A47K 10/38 (2006.01)**
[25] EN
[54] **PREMATURE REPLACEMENT PREVENTION OR DETERRENCE FOR MULTIPLE ROLL SHEET PRODUCT DISPENSERS**
[54] **PREVENTION OU DISSUASION DE REMPLACEMENT PREMATURE POUR DISTRIBUTEURS DE PRODUITS EN FEUILLES A ROULEAUX MULTIPLES**
[72] GROSZ, JOHN WILLIAM, US
[72] ROBERTSON, TIMOTHY ANDREW, US
[72] ROCHE, NATHAN PATRICK, US
[72] MALESKY, JACOB EDWARD, US
[72] KANTOR, RYAN ALEXANDER, US
[72] ROZEK, ROY J., US
[71] GPCP IP HOLDINGS LLC, US
[85] 2019-10-15
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[25] EN
[54] **METHOD AND SYSTEM FOR PRODUCING SUBSTANTIALLY MONO-DISPERSE PARTICLES OF A SUBSTANCE**
[54] **PROCEDE ET SYSTEME DE PRODUCTION DE PARTICULES SENSIBLEMENT MONODISPERSEES D'UNE SUBSTANCE**
[72] LEDUC, LUCIE ANNE AUDE, NL
[72] DUWEL, ROBERTUS FRANCISCUS, NL
[72] GIRONES NOGUE, MIRIAM, NL
[72] VELDHUIS, GERRIT JAN, NL
[71] NANOMI B.V., NL
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[54] **MODIFIED RELEASE NICOTINAMIDE**
[54] **NICOTINAMIDE A LIBERATION MODIFIEE**
[72] AMMER, RICHARD, DE
[71] SALMON PHARMA GMBH, CH
[85] 2019-10-16
[86] 2018-05-02 (PCT/EP2018/061202)
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[30] EP (17168957.3) 2017-05-02

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[51] **Int.Cl. E05B 75/00 (2006.01)**
[25] EN
[54] **RESTRAINT DEVICES**
[54] **DISPOSITIFS DE RETENUE**
[72] HEINEY, JONATHAN GARRY, US
[71] HEINEY, JONATHAN GARRY, US
[85] 2019-10-15
[86] 2018-05-16 (PCT/US2018/033024)
[87] (WO2018/213488)
[30] US (62/507,331) 2017-05-17
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[51] **Int.Cl. H01R 9/24 (2006.01) H05K 7/14 (2006.01)**
[25] EN
[54] **MODULAR ELECTRICAL FIELDBUS SYSTEM WITH STACKED INTERCONNECTED FUNCTIONAL COMPONENTS**
[54] **SYSTEME DE BUS DE TERRAIN ELECTRIQUE MODULAIRE A COMPOSANTS FONCTIONNELS INTERCONNECTES EMPILES**
[72] DE CAROLIS, ENRICO, US
[72] HERIOT, SCOTT, US
[72] FRAZIER, MITCH, US
[71] ASCO, L.P., US
[85] 2019-10-16
[86] 2017-05-02 (PCT/US2017/030594)
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[51] **Int.Cl. H01L 21/285 (2006.01) H01L 21/768 (2006.01) H01L 23/532 (2006.01) H01L 39/24 (2006.01)**
[25] EN
[54] **DEPOSITION METHODOLOGY FOR SUPERCONDUCTOR INTERCONNECTS**
[54] **METHODOLOGIE DE DEPOT POUR INTERCONNEXIONS SUPRACONDUCTRICES**
[72] KIRBY, CHRISTOPHER F., US
[72] LUU, VIVIEN M., US
[72] RENNIE, MICHAEL, US
[72] MCLAUGHLIN, SEAN R., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2019-10-15
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[30] US (15/612,326) 2017-06-02

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[51] **Int.Cl. C07K 14/54 (2006.01) A61K 38/20 (2006.01)**
[25] EN
[54] **SECRETION-COMPETENT MUTEINS OF THE HUMAN IL-27 ALPHA-SUBUNIT**
[54] **MUTEINES COMPETENTES DE SECRETION DE SOUS-UNITE ALPHA DE L'IL-27 HUMAINE**
[72] FEIGE, MATTHIAS, DE
[72] MUELLER, STEPHANIE, DE
[71] TECHNISCHE UNIVERSITAET MUENCHEN, DE
[85] 2019-10-16
[86] 2018-05-04 (PCT/EP2018/061561)
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[30] EP (17169358.3) 2017-05-04

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[51] **Int.Cl. A42B 3/04 (2006.01) F21V 21/084 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **CONFIGURABLE USER TRACKING AND SITE SAFETY**
[54] **SUIVI D'UTILISATEURS ET SECURITE DE SITE CONFIGURABLES**
[72] ROYAL, ANDREW, US
[72] PRIDIE, STEVE, CA
[72] JONES, CHELSEA, CA
[72] SHUMAY, TRENT, CA
[72] CUNLIFFE, GRAHAM, CA
[71] ILLUMAGEAR, INC., US
[85] 2019-10-16
[86] 2017-05-16 (PCT/US2017/032911)
[87] (WO2017/201053)
[30] US (62/337,223) 2016-05-16

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[51] **Int.Cl. D04H 1/587 (2012.01) D04H 1/425 (2012.01) D04H 1/435 (2012.01) D04H 1/60 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **A LAUNDERABLE PLANT-BASED SUBSTRATE THAT IS THERMALLY BONDED WITH BIOBASED FIBERS**
[54] **SUBSTRAT LAVABLE A BASE DE PLANTE LIE THERMIQUEMENT A DES FIBRES D'ORIGINE BIOLOGIQUE**
[72] REDMANN, TERESA M., US
[72] ROBINSON, MARK L., US
[71] GPCP IP HOLDINGS LLC, US
[85] 2019-10-15
[86] 2018-06-01 (PCT/US2018/035523)
[87] (WO2018/231540)
[30] US (62/520,511) 2017-06-15

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[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/4439 (2006.01) A61K 31/513 (2006.01) A61K 31/675 (2006.01) A61K 31/683 (2006.01) A61P 31/14 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY FOR USE IN TREATING RETROVIRAL INFECTIONS**
[54] **POLYTHERAPIE DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT D'INFECTIONS RETROVIRALES**
[72] MALHOTRA, GEENA, IN
[72] JOSHI, KALPANA, IN
[72] RAUT, PREETI, IN
[71] CIPLA LIMITED, IN
[85] 2019-10-16
[86] 2018-04-18 (PCT/IN2018/050229)
[87] (WO2018/193470)
[30] IN (201721013733) 2017-04-18

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[13] A1
[51] **Int.Cl. B23K 9/10 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND APPARATUS TO PROVIDE PREHEAT VOLTAGE FEEDBACK LOSS PROTECTION**
[54] **SYSTEMES, PROCEDES ET APPAREIL DESTINES A OFFRIR UNE PROTECTION CONTRE LA PERTE DE REACTION DE TENSION DE PRECHAUFFAGE**
[72] UECKER, JAMES LEE, US
[72] ZWAYER, JAKE, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2019-10-16
[86] 2018-03-21 (PCT/US2018/023485)
[87] (WO2018/194785)
[30] US (15/490,169) 2017-04-18

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[51] **Int.Cl. G02B 6/44 (2006.01) G02B 6/38 (2006.01)**
[25] EN
[54] **FIBER OPTIC SPLICE ENCLOSURES**
[54] **ENCEINTES D'EPISSURE DE FIBRE OPTIQUE**
[72] DOBBINS, PATRICK E., US
[72] REEVE, DAVID, US
[72] MEGILL, RICHARD, US
[72] EBRAHIMI, VAHID, US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2019-10-16
[86] 2017-10-24 (PCT/US2017/058013)
[87] (WO2018/200027)
[30] US (15/498,634) 2017-04-27

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[51] **Int.Cl. C07K 7/64 (2006.01) A61K 47/50 (2017.01) A61K 47/68 (2017.01) A61K 38/12 (2006.01)**
[25] EN
[54] **MODIFIED MICROCYSTINS AND NODULARINS**
[54] **MICROCYSTINES ET NODULARINES MODIFIEES**
[72] ENKE, HEIKE, DE
[72] LORENZEN, WOLFRAM, DE
[72] JAHNS, STEFAN, DE
[72] KRAMER, DAN, DE
[72] NIEDERMEYER, TIMO, DE
[72] MOSCHNY, JULIA, DE
[71] CYANO BIOTECH GMBH, DE
[85] 2019-10-16
[86] 2018-05-09 (PCT/EP2018/062129)
[87] (WO2018/206715)
[30] EP (17170283.0) 2017-05-09

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[13] A1
[51] **Int.Cl. A61K 35/741 (2015.01) A61K 35/745 (2015.01) C12N 1/20 (2006.01)**
[25] EN
[54] **COMMENSAL BACTERIA AS NOVEL TREATMENT FOR DRY EYE AND SJOGREN SYNDROME**
[54] **BACTERIE COMMENSALE EN TANT QUE NOUVEAU TRAITEMENT POUR LA SECHERESSE OCULAIRE ET LE SYNDROME DE SJOGREN**
[72] DE PAIVA, CINTIA S., US
[72] PFLUGFELDER, STEPHEN C., US
[72] BRITTON, ROBERT ALLEN, US
[71] BAYLOR COLLEGE OF MEDICINE, US
[85] 2019-10-16
[86] 2018-04-11 (PCT/US2018/027063)
[87] (WO2018/194889)
[30] US (62/486,307) 2017-04-17

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[13] A1
[51] **Int.Cl. E21B 43/00 (2006.01) F17D 5/00 (2006.01)**
[25] EN
[54] **HIGH-INTEGRITY PRESSURE PROTECTION SYSTEM FOR A FLUID LINE**
[54] **SYSTEME DE PROTECTION CONTRE LA PRESSION DE GRANDE INTEGRITE POUR UNE CONDUITE DE FLUIDE**
[72] MUJICA, PEDRO ALEJANDRO, SA
[72] CIPRIANO, HERMAN ROBERTO, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2019-10-16
[86] 2018-04-11 (PCT/US2018/027134)
[87] (WO2018/194896)
[30] US (15/489,371) 2017-04-17

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[51] **Int.Cl. B23K 26/03 (2006.01) B23K 26/082 (2014.01) B23K 26/36 (2014.01) B23K 26/38 (2014.01) B23K 26/40 (2014.01) B26D 5/34 (2006.01) G05B 19/18 (2006.01) G05B 19/402 (2006.01) G05B 19/4093 (2006.01)**
[25] EN
[54] **SELF RECOGNITION CNC MACHINING**
[54] **USINAGE A COMMANDE NUMERIQUE A RECONNAISSANCE AUTOMATIQUE**
[72] WHITE, DAVID ROSS, US
[72] DICKEY, JASON ADAM, US
[71] THE NORDAM GROUP, INC., US
[85] 2019-10-16
[86] 2018-04-12 (PCT/US2018/027220)
[87] (WO2018/194901)
[30] US (62/487,259) 2017-04-19
[30] US (15/631,412) 2017-06-23

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[13] A1
[51] **Int.Cl. F26B 3/08 (2006.01) B29B 9/16 (2006.01) B29B 13/06 (2006.01) F26B 5/04 (2006.01) F26B 17/14 (2006.01)**
[25] EN
[54] **PROCESS FOR DRYING GRANULAR POLYMERIC MATERIAL AND PLANT OPERATING ACCORDING TO SAID PROCESS**
[54] **PROCEDE DE SECHAGE DE MATERIAU POLYMERE GRANULAIRE ET INSTALLATION FONCTIONNANT SELON LEDIT PROCEDE**
[72] PIVA, RINALDO, IT
[71] PEGASO INDUSTRIES S.P.A., IT
[85] 2019-10-16
[86] 2018-04-19 (PCT/IB2018/052704)
[87] (WO2018/193396)
[30] IT (102017000043004) 2017-04-19

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[51] **Int.Cl. C08F 220/18 (2006.01) C08F 212/08 (2006.01) C08F 220/06 (2006.01) C08F 220/58 (2006.01) C08F 230/08 (2006.01) C09D 4/02 (2006.01) C09D 109/08 (2006.01) C09D 125/14 (2006.01) C09D 133/04 (2006.01) C09D 133/08 (2006.01) C09D 133/26 (2006.01)**
[25] EN
[54] **ELASTOMERIC LATICES AND COATING COMPOSITIONS CONTAINING THE SAME**
[54] **MATRICES ELASTOMERES ET COMPOSITIONS DE REVETEMENT LES CONTENANT**
[72] PEZZOTTI-ROBLETO, FABIO, MX
[71] CONSORCIO COMEX, S.A. DE C.V., MX
[85] 2019-10-16
[86] 2018-04-20 (PCT/IB2018/052741)
[87] (WO2018/193409)
[30] US (62/488,246) 2017-04-21

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[13] A1
[51] **Int.Cl. A61N 5/06 (2006.01) A61N 1/32 (2006.01)**
[25] EN
[54] **DEVICE FOR STIMULATING THE MEIBOMIAN GLANDS**
[54] **DISPOSITIF DE STIMULATION DES GLANDES DE MEIBOMIUS**
[72] POMAR, RODOLFO, IT
[71] POMAR, RODOLFO, IT
[71] GOMEDI, MORENA, IT
[85] 2019-10-16
[86] 2018-04-20 (PCT/IB2018/052779)
[87] (WO2018/193426)
[30] IT (102017000043757) 2017-04-20

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[13] A1
[51] **Int.Cl. H01Q 1/12 (2006.01) H01Q 21/00 (2006.01) H01Q 21/06 (2006.01) H01Q 21/29 (2006.01)**
[25] EN
[54] **LOW-PROFILE VERTICALLY-POLARIZED OMNI ANTENNA**
[54] **ANTENNE OMNIDIRECTIONNELLE A POLARISATION VERTICALE DISCRETE**
[72] SUNDARARAJAN, NIRANJAN, US
[72] ENDERS, MICHAEL, US
[71] JOHN MEZZALINGUA ASSOCIATES, LLC, US
[85] 2019-10-16
[86] 2018-04-17 (PCT/US2018/027921)
[87] (WO2018/195047)
[30] US (62/488,298) 2017-04-21

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[13] A1
[51] **Int.Cl. C12G 1/022 (2006.01) C12G 3/02 (2019.01) C12N 11/08 (2006.01) C12N 11/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING NON-FERMENTED LIQUIDS**
[54] **SYSTEMES ET METHODES DE TRAITEMENT DE LIQUIDES NON FERMENTES**
[72] KOHLER, JAMES, US
[72] RISSI, MICHAEL, US
[71] PINT AT HOME, LLC, US
[85] 2019-10-16
[86] 2018-04-19 (PCT/US2018/028306)
[87] (WO2018/195279)
[30] US (62/487,164) 2017-04-19

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[13] A1
[51] **Int.Cl. C08F 8/00 (2006.01) A61K 47/58 (2017.01)**
[25] EN
[54] **POLYMER MATERIALS FOR DELIVERY OF SHORT-CHAIN FATTY ACIDS TO THE INTESTINE FOR APPLICATIONS IN HUMAN HEALTH AND TREATMENT OF DISEASE**
[54] **MATIERES POLYMERES POUR L'ADMINISTRATION D'ACIDES GRAS A CHAINE COURTE A L'INTESTIN POUR DES APPLICATIONS DE SANTE HUMAINE ET DE TRAITEMENT DE MALADIE**
[72] HUBBELL, JEFFREY A., US
[72] WANG, RUYI, US
[72] WILSON, D. SCOTT, US
[72] NAGLER, CATHRYN R., US
[72] PLUNKETT, CATHERINE, US
[71] THE UNIVERSITY OF CHICAGO, US
[85] 2019-10-16
[86] 2018-04-17 (PCT/US2018/027955)
[87] (WO2018/195067)
[30] US (62/486,124) 2017-04-17

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[51] **Int.Cl. B65C 9/18 (2006.01) B65C 3/14 (2006.01)**
[25] EN
[54] **LABEL APPLICATION SYSTEMS**
[54] **SYSTEMES D'APPLICATION D'ETIQUETTES**
[72] LUX, BENJAMIN DAVID, US
[72] MEEK, JASON A., US
[72] MEDEIROS, MICHAEL, US
[72] WOODS, MICHAEL CLARKE, US
[72] MARSELLA, ANDREW W., US
[72] VOICECHOVSKI, NIKOLAI A., US
[72] MUNNELLY, HEIDI M., US
[72] GRAUDS, JURIS ALEX, US
[71] ACTEGA NORTH AMERICA TECHNOLOGIES, INC., US
[85] 2019-10-16
[86] 2018-04-20 (PCT/US2018/028631)
[87] (WO2018/195469)
[30] US (62/487,520) 2017-04-20

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[13] A1
[51] **Int.Cl. A61K 31/506 (2006.01) A61K 9/72 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **COMPOUNDS, COMPOSITIONS AND METHODS OF TREATING OR PREVENTING ACUTE LUNG INJURY**
[54] **COMPOSES, COMPOSITIONS ET METHODES DE TRAITEMENT OU DE PREVENTION D'UNE LESION PULMONAIRE AIGUE**
[72] WU, DIANQING, US
[72] YUAN, QIANYING, US
[72] BASIT, ABDUL, US
[72] TANG, WENWEN, US
[71] YALE UNIVERSITY, US
[85] 2019-10-16
[86] 2018-04-17 (PCT/US2018/027980)
[87] (WO2018/195084)
[30] US (62/486,232) 2017-04-17

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[51] **Int.Cl. A61K 31/7105 (2006.01) C12N 15/113 (2010.01) A61K 31/713 (2006.01) A61K 38/00 (2006.01) A61K 38/16 (2006.01) C07K 14/47 (2006.01) C12N 15/63 (2006.01) C12N 15/66 (2006.01) C12N 15/864 (2006.01)**
[25] EN
[54] **REGULATION OF RAN PROTEIN TRANSLATION BY PKR AND EIF2A-P PATHWAYS**
[54] **REGULATION DE LA TRADUCTION DE RAN PAR LES VOIES PKR ET EIF2A-P**
[72] RANUM, LAURA, US
[72] ZU, TAO, US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED, US
[85] 2019-10-16
[86] 2018-04-17 (PCT/US2018/028015)
[87] (WO2018/195110)
[30] US (62/486,424) 2017-04-17
[30] US (62/563,588) 2017-09-26

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/495 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **VMAT2 INHIBITOR COMPOUNDS AND COMPOSITIONS THEREOF**
[54] **COMPOSES INHIBITEURS DE VMAT2 ET COMPOSITIONS DE CEUX-CI**
[72] HARRIOT, NICOLE, US
[72] HETTINGER, DONALD, US
[72] BRANUM, SHAWN, US
[72] CULHANE, JEFFREY C., US
[71] NEUROCRINE BIOSCIENCES, INC., US
[85] 2019-10-16
[86] 2018-04-17 (PCT/US2018/028031)
[87] (WO2018/195121)
[30] US (62/487,413) 2017-04-19
[30] US (62/652,837) 2018-04-04

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[13] A1
[51] **Int.Cl. B64D 33/04 (2006.01) F01D 11/00 (2006.01) F01D 25/30 (2006.01) F02C 7/28 (2006.01) F02K 1/80 (2006.01) B64D 41/00 (2006.01)**
[25] EN
[54] **AIRCRAFT AUXILIARY POWER UNIT EXHAUST PIPE SEALS AND METHODS**
[54] **JOINTS D'ETANCHEITE DE TUYAU D'ECHAPPEMENT D'UNITE D'ALIMENTATION AUXILIAIRE D'AERONEF ET PROCEDES**
[72] SANDIFORD, A. DAVID, US
[71] ITT MANUFACTURING ENTERPRISES LLC, US
[85] 2019-10-16
[86] 2018-04-17 (PCT/US2018/028033)
[87] (WO2018/195122)
[30] US (62/486,704) 2017-04-18

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[13] A1
[51] **Int.Cl. G02B 27/64 (2006.01) G01B 11/27 (2006.01)**
[25] EN
[54] **AUTOMATIC STRUCTURALLY INDUCED LINE OF SIGHT JITTER COMPENSATION FOR ELECTRO-OPTICAL/INFRARED TURRET SYSTEM**
[54] **COMPENSATION AUTOMATIQUE DE GIGUE DE LIGNE DE VISEE INDUITE STRUCTURELLEMENT DESTINEE A UN SYSTEME DE TOURELLE ELECTRO-OPTIQUE/INFRAROUGE**
[72] MILLER, KIRK A., US
[72] BAKER, CHRISTOPHER J., US
[72] MILLER, STEVEN A., US
[72] NORMAN, WALTER W., US
[72] MARR, LYALE F., US
[72] SCOTT, RICHARD L., US
[71] RAYTHEON COMPANY, US
[85] 2019-10-16
[86] 2017-12-20 (PCT/US2017/067506)
[87] (WO2018/200035)
[30] US (15/499,120) 2017-04-27

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[13] A1
[51] **Int.Cl. A63G 1/00 (2006.01) A63G 7/00 (2006.01) A63G 31/16 (2006.01)**
[25] EN
[54] **ANNULAR MOTION SIMULATION AMUSEMENT PARK ATTRACTION**
[54] **ATTRACTION DE PARC D'ATTRACTIONS DE SIMULATION D'UN MOUVEMENT ANNULAIRE**
[72] FREEDMAN, DANIEL MATTHEW, US
[72] WHITE, NATHANAEL GORDON, US
[72] STENZLER, PAULA, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2019-10-16
[86] 2018-04-23 (PCT/US2018/028931)
[87] (WO2018/200405)
[30] US (62/489,895) 2017-04-25
[30] US (15/852,685) 2017-12-22

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[51] **Int.Cl. A61K 31/57 (2006.01) A61K 9/00 (2006.01) A61K 9/10 (2006.01) A61K 9/14 (2006.01) A61K 47/10 (2017.01) A61K 47/36 (2006.01) A61P 25/14 (2006.01) A61P 25/18 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01)**
[25] EN
[54] **SUSTAINED RELEASE INJECTABLE NEUROSTEROID FORMULATIONS**
[54] **FORMULATIONS DE NEUROSTEROIDE INJECTABLES A LIBERATION PROLONGEE**
[72] SAPORITO, MICHAEL, US
[72] ZHANG, MINGBAO, US
[72] GLOWAKY, RAYMOND C., US
[72] CZEKAI, DAVID, US
[71] MARINUS PHARMACEUTICALS, INC, US
[85] 2019-10-16
[86] 2018-04-18 (PCT/US2018/028151)
[87] (WO2018/195186)
[30] US (62/486,599) 2017-04-18

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[13] A1
[51] **Int.Cl. G06T 15/08 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COMBINING 3D IMAGES IN COLOR**
[54] **SYSTEME ET PROCEDE DE COMBINAISON D'IMAGES 3D EN COULEUR**
[72] SAMANIEGO, RAYMOND, US
[72] TOMICH, JOHN L., US
[71] RAYTHEON COMPANY, US
[85] 2019-10-16
[86] 2018-01-29 (PCT/US2018/015693)
[87] (WO2018/194739)
[30] US (15/489,652) 2017-04-17

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[13] A1
[51] **Int.Cl. B65G 1/137 (2006.01) B65G 47/96 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING OBJECTS INCLUDING SPACE EFFICIENT DISTRIBUTION STATIONS AND AUTOMATED OUTPUT PROCESSING**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT D'OBJETS COMPRENANT DES STATIONS DE DISTRIBUTION EFFICACES DANS L'ESPACE ET UN TRAITEMENT DE SORTIE AUTOMATISE**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] AMEND, JOHN RICHARD, JR., US
[72] COHEN, BENJAMIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] FORT, WILLIAM HARTMAN, US
[72] GEYER, CHRISTOPHER, US
[72] HINCHEY, VICTORIA, US
[72] KING, JENNIFER EILEEN, US
[72] KOLETSCHKA, THOMAS, US
[72] KOVAL, MICHAEL CAP, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW T., US
[72] MCMAHAN, WILLIAM CHU-HYON, US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[71] BERKSHIRE GREY, INC., US
[85] 2019-10-16
[86] 2018-04-18 (PCT/US2018/028164)
[87] (WO2018/195196)
[30] US (62/486,783) 2017-04-18

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[13] A1
[51] **Int.Cl. F16L 3/12 (2006.01) H02G 7/00 (2006.01) H02G 7/08 (2006.01) H02G 7/12 (2006.01)**
[25] EN
[54] **CONDUCTOR SPACER ASSEMBLY WITH LOCKING FEATURE**
[54] **ENSEMBLE ESPACEUR DE CONDUCTEUR AVEC ELEMENT DE VERROUILLAGE**
[72] DEFRANCE, ROBERT V., US
[71] BURNDY, LLC, US
[85] 2019-10-16
[86] 2018-04-18 (PCT/US2018/028169)
[87] (WO2018/195199)
[30] US (62/602,239) 2017-04-18

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[13] A1
[51] **Int.Cl. B23K 9/173 (2006.01) B23K 9/26 (2006.01) B23K 9/29 (2006.01)**
[25] EN
[54] **WELDING SYSTEMS FOR COOLING WELDING CONTACT TIPS**
[54] **SYSTEMES DE SOUDAGE PERMETTANT DE REFROIDIR LES EMBOUTS DE CONTACT DE SOUDAGE**
[72] JANSMA, JEREMY, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2019-10-16
[86] 2018-04-19 (PCT/US2018/028255)
[87] (WO2018/195247)
[30] US (62/487,199) 2017-04-19
[30] US (15/956,515) 2018-04-18

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[13] A1
[51] **Int.Cl. H04L 1/00 (2006.01)**
[25] EN
[54] **PAYLOAD SIZE AMBIGUITY AND FALSE ALARM RATE REDUCTION FOR POLAR CODES**
[54] **REDUCTION D'AMBIGUITE DE TAILLE DE CHARGE UTILE ET DE TAUX DE FAUSSES ALARMES POUR DES CODES POLAIRES**
[72] LOU, HUANG, US
[72] JIANG, JING, US
[72] LU, ENOCH SHIAO-KUANG, US
[72] SARKIS, GABI, US
[72] YANG, YANG, US
[72] SANKAR, HARI, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-10-16
[86] 2018-04-16 (PCT/US2018/027712)
[87] (WO2018/212881)
[30] US (62/506,439) 2017-05-15
[30] US (15/953,239) 2018-04-13

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[13] A1
[51] **Int.Cl. B65D 23/02 (2006.01) B05D 1/02 (2006.01) B05D 7/22 (2006.01) B05D 7/24 (2006.01) B08B 17/06 (2006.01) B64D 15/06 (2006.01) B65D 3/04 (2006.01)**
[25] EN
[54] **DURABLE LUBRICIOUS SURFACES**
[54] **SURFACES LUBRIFIEES DURABLES**
[72] CONG, TAO, US
[72] UMANS, ARI, US
[72] THEKKOODAN, DILIP, US
[72] FARNHAM, TAYLOR A., US
[72] VARANASI, KRIPA, US
[72] SMITH, JONATHAN DAVID, US
[71] LIQUIGLIDE INC., US
[85] 2019-10-16
[86] 2018-04-12 (PCT/US2018/027340)
[87] (WO2018/191523)
[30] US (62/485,183) 2017-04-13

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[13] A1
[51] **Int.Cl. B65D 51/22 (2006.01)**
[25] EN
[54] **CONTAINER CAP AND METHOD OF PIERCING A SEAL COVERING AN OPENING OF A CONTAINER**
[54] **BOUCHON DE RECIPIENT ET PROCEDE DE PERFORATION D'UN OPERCULE RECOUVRANT UNE OUVERTURE D'UN RECIPIENT**
[72] BORGARDT, JOY ELIZABETH, US
[72] HUGHES, JAMES J., US
[72] KLIKUSZOWIAN, TED, US
[72] MARSHALL, TODD, US
[72] PLEW, MARC, US
[72] COFFEY, KELSEY M., US
[72] FISHER, SCOTT L., US
[72] ROWE, JASON A., US
[71] ABBVIE INC., US
[85] 2019-10-16
[86] 2018-04-16 (PCT/US2018/027730)
[87] (WO2018/194957)
[30] US (62/487,942) 2017-04-20

[21] **3,060,266**
[13] A1
[51] **Int.Cl. C07C 66/00 (2006.01) C07C 235/78 (2006.01) C07D 295/185 (2006.01)**
[25] EN
[54] **PREVENTION AND REVERSAL OF INFLAMMATION INDUCED DNA DAMAGE**
[54] **PREVENTION ET INVERSION D'UNE ALTERATION DE L'ADN INDUITE PAR UNE INFLAMMATION**
[72] KELLEY, MARK R., US
[72] FEHRENBACHER, JILL, US
[71] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
[85] 2019-10-16
[86] 2018-04-16 (PCT/US2018/027786)
[87] (WO2018/194976)
[30] US (62/486,033) 2017-04-17

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[51] **Int.Cl. G10G 5/00 (2006.01)**
[25] EN
[54] **DEVICE FOR SUPPORTING A SAXOPHONE**
[54] **DISPOSITIF POUR SOUTENIR UN SAXOPHONE**
[72] GRANIC, MATEO, AT
[71] GRANIC, MATEO, AT
[85] 2019-10-15
[86] 2019-01-22 (PCT/IB2019/050539)
[87] (WO2019/145858)
[30] AT (A 23/2018) 2018-01-23

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[21] **3,060,301**
[13] A1
[25] EN
[54] **EXHAUST GAS TREATMENT SYSTEM AND EXHAUST GAS PURIFICATION METHOD**
[54]
[72] SUZUKI, HIDENORI, JP
[72] OKA, KAZUKI, JP
[71] TOKYO ROKI CO., LTD., JP
[85] 2019-10-28
[86] 2019-04-22 (PCT/JP2019/016970)
[87] (3060301)
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[51] **Int.Cl. G06F 9/44 (2018.01) G06F 11/30 (2006.01)**
[25] EN
[54] **SCALABLE COMPUTING SYSTEMS FOR GENERATING NOTIFICATIONS, AND METHODS OF OPERATING THEREOF**
[54] **SYSTEMES DE CALCUL MODULABLES DESTINES A GENERER DES NOTIFICATIONS, ET METHODES D'UTILISATION ASSOCIEES**
[72] LI, KARNEY, CA
[72] COSTA, MARCO, CA
[72] CARTRIGHT, JOHN, CA
[72] KUDLACZ, MAREK, CA
[71] WEALTHSIMPLE INC., CA
[22] 2018-04-09
[41] 2019-10-09

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[21] **3,015,916**
[13] A1
[25] EN
[54] **APPARATUS AND METHOD FOR DELIVERY OF CONCENTRATED DISINFECTANT OR STERILANT TO LUMEN OF MEDICAL INSTRUMENT**
[54] **APPAREIL ET METHODE DE DISTRIBUTION D'UN PRODUIT DESINFECTANT OU STERILISANT CONCENTRE DANS UNE LUMIERE D'UN INSTRUMENT MEDICAL**
[72] YANG, SUNGWOOK, US
[72] OMIDBAKHSH, NAVID, US
[71] ETHICON, INC., US
[22] 2018-08-30
[41] 2019-03-06
[30] US (15/696,420) 2017-09-06

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[21] **3,024,743**
[13] A1
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO RESIN SUPPLY SYSTEMS**
[54] **AMELIORATIONS CONCERNANT DES SYSTEMES DE FOURNITURE DE RESINE**
[72] BERTIN, ANDRE, BE
[71] COEXPAIR S.A., BE
[22] 2018-11-20
[41] 2019-05-20
[30] WO (PCT/EP2017/079807) 2017-11-20

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[21] **3,034,720**
[13] A1
[25] EN
[54] **PROCESS FOR ISOLATING BIOACTIVE BIOMOLECULES FROM ANIMAL BY-PRODUCTS**
[54] **PROCEDE D'ISOLATION DE BIOMOLECULES BIOACTIVES A PARTIR DE SOUS-PRODUITS ANIMAUX**
[72] MASON, BETH, CA
[72] KHIARI, ZIED, CA
[71] MASON, BETH, CA
[71] KHIARI, ZIED, CA
[22] 2019-02-21
[41] 2019-08-28
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[51] **Int.Cl. G03B 29/00 (2006.01) G03B 21/00 (2006.01) G03B 21/54 (2006.01) G03B 31/06 (2006.01)**
[25] EN
[54] **IMAGE PROJECTION DEVICE**
[54] **DISPOSITIF DE PROJECTION D~IMAGE**
[72] REBOT, NATALIE ROSANNA, CA
[71] MOONLITE WORLD INC., CA
[22] 2017-06-16
[41] 2017-12-21
[62] 3,005,079
[30] US (62/351,506) 2016-06-17
[30] US (15/217,067) 2016-07-22

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[13] A1
[51] **Int.Cl. H02G 15/18 (2006.01)**
[25] EN
[54] **HOLDOUT DEVICES AND COVER ASSEMBLIES AND METHODS INCORPORATING THE SAME**
[54]
[72] YAWORSKI, HARRY GEORGE, US
[72] SERAJ, MAHMOUD K., US
[72] PULLIUM, GEORGE W., III, US
[72] O'SULLIVAN, EDWARD, US
[71] TYCO ELECTRONICS CORPORATION, US
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[41] 2014-08-07
[62] 2,988,341
[30] US (13/758,532) 2013-02-04

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[51] **Int.Cl. A61K 8/97 (2017.01) A61K 8/9789 (2017.01) A61K 8/06 (2006.01) A61Q 19/00 (2006.01) A61Q 19/02 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **TOPICAL SKIN CARE FORMULATIONS COMPRISING PLANT EXTRACTS**
[54]
[72] FLORENCE, TIFFANY, US
[72] GAN, DAVID, US
[72] HINES, MICHELLE, US
[71] MARY KAY INC., US
[22] 2012-04-05
[41] 2012-10-11
[62] 2,832,300
[30] US (61/472,461) 2011-04-06

[21] **3,053,745**
[13] A1
[25] EN
[54] **PERFUSION MANIFOLD ASSEMBLY**
[54] **ENSEMBLE COLLECTEUR DE PERFUSION**
[72] LEVNER, DANIEL, US
[72] SLIZ, JOSIAH DANIEL, US
[72] HINOJOSA, CHRISTOPHER DAVID, US
[72] FREAKE, JACOB, US
[72] GOMES, JOSHUA, US
[72] MARTINUS VAN RUIJVEN, PETRUS, AU
[72] POTZNER, CHRISTIAN ALEXANDER, AU
[72] SABIN, DOUG, US
[72] SOLOMON, MATTHEW DANIEL, AU
[72] THOMPSON, GUY ROBERT, II, US
[72] TUOHY, PATRICK SEAN, AU
[72] WEN, NORMAN, US
[71] EMULATE, INC., US
[22] 2016-08-26
[41] 2017-03-02
[62] 2,996,000
[30] US (62/210,122) 2015-08-26
[30] US (62/250,861) 2015-11-04
[30] US (62/361,244) 2016-07-12
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[21] **3,054,231**
[13] A1
[51] **Int.Cl. B29C 48/36 (2019.01)**
[25] EN
[54] **MOLD HAVING A PRESSURIZATION MEMBER**
[54] **MOULAGE EQUIPE D~UN ELEMENT DE MISE SOUS PRESSION**
[72] CONRAD, WAYNE ERNEST, CA
[71] OMACHRON INTELLECTUAL PROPERTY INC., CA
[22] 2015-08-12
[41] 2017-02-12
[62] 2,989,935

[21] **3,054,232**
[13] A1
[51] **Int.Cl. E05B 47/06 (2006.01) E05B 15/02 (2006.01)**
[25] EN
[54] **ELECTRIC DOOR STRIKE HAVING A DEAD LATCH RELEASE PLATFORM ACTUATED BY A SPRING LATCH KEEPER AND A SPRING LATCH LIFTER FEATURE**
[54]
[72] SCHEFFLER, DOMINIK, US
[72] SULLIVAN, SCOTT, US
[71] HANCHETT ENTRY SYSTEMS, INC., US
[22] 2011-12-15
[41] 2012-06-21
[62] 3,017,249
[30] US (61/423,657) 2010-12-16

[21] **3,055,046**
[13] A1
[51] **Int.Cl. B41J 3/407 (2006.01) B41J 23/00 (2006.01)**
[25] EN
[54] **PRINTING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D~IMPRESSION**
[72] COFLER, MARIAN, IL
[71] VELOX-PUREDIGITAL LTD., IL
[22] 2013-11-14
[41] 2014-05-22
[62] 2,891,578
[30] US (61/726,859) 2012-11-15
[30] WO (IL2013/050946) 2013-11-14

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[13] A1
[51] **Int.Cl. C12N 5/0775 (2010.01) C12N 5/071 (2010.01) A61K 35/51 (2015.01) A61K 35/28 (2015.01) C12N 5/02 (2006.01)**
[25] EN
[54] **METHOD OF CULTURING MESENCHYMAL STEM CELLS AND USES THEREOF IN THERAPY**
[54] **METHODE DE CULTURE DE CELLULES SOUCHES MESENCHYMATEUSES ET SES UTILISATIONS DANS LA THERAPIE**
[72] TAGHIZADEH, ROUZBEH R., US
[71] AUXOCELL LABORATORIES, INC., US
[22] 2011-06-01
[41] 2011-12-08
[62] 2,801,009
[30] US (61/350,303) 2010-06-01
[30] WO (US2011/038710) 2011-06-01

[21] **3,056,869**
[13] A1
[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/159 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **MOVING PICTURE DECODING METHOD AND MOVING PICTURE DECODING APPARATUS**
[54]
[72] SUGIO, TOSHIYASU, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] TANIKAWA, KYOKO, JP
[72] SASAI, HISAO, JP
[72] MATSUNOBU, TORU, JP
[72] TERADA, KENGO, JP
[71] TAGIVAN II LLC, US
[22] 2012-11-01
[41] 2013-05-10
[62] 2,825,761
[30] US (61/554,598) 2011-11-02

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[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/159 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **MOVING PICTURE ENCODING METHOD AND MOVING PICTURE ENCODING APPARATUS**
[54] **METHODE DE CODAGE D'IMAGE MOBILE ET APPAREIL DE CODAGE D'IMAGE MOBILE**
[72] MATSUNOBU, TORU, JP
[72] NISHI, TAKAHIRO, JP
[72] SASAI, HISAO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
[72] TANIKAWA, KYOKO, JP
[72] TERADA, KENGO, JP
[71] TAGIVAN II LLC, US
[22] 2012-11-01
[41] 2013-05-10
[62] 2,825,761
[30] US (61/554,598) 2011-11-02

[21] **3,056,999**
[13] A1
[51] **Int.Cl. C12Q 1/6809 (2018.01) G01N 33/48 (2006.01)**
[25] EN
[54] **INHIBITION OF AXL SIGNALING IN ANTI-METASTATIC THERAPY**
[54]
[72] GIACCIA, AMATO J., US
[72] RANKIN, ERINN BRUNO, US
[72] COCHRAN, JENNIFER R., US
[72] JONES, DOUGLAS, US
[72] KARIOLIS, MIHALIS, US
[72] FUH, KATHERINE, US
[72] MIAO, YU, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[22] 2011-01-21
[41] 2011-07-28
[62] 2,786,149
[30] US (61/336478) 2010-01-22

[21] **3,057,031**
[13] A1
[51] **Int.Cl. E06C 1/22 (2006.01)**
[25] EN
[54] **LADDERS, LADDER COMPONENTS AND RELATED METHODS**
[54]
[72] MOSS, N. RYAN, US
[72] PETERSON, SEAN R., US
[72] RUSSELL, BRIAN B., US
[71] WING ENTERPRISES, INCORPORATED, US
[22] 2012-02-21
[41] 2012-08-30
[62] 2,968,780
[30] US (61/445387) 2011-02-22

[21] **3,057,221**
[13] A1
[51] **Int.Cl. B60Q 9/00 (2006.01) B60Q 1/26 (2006.01) B60Q 5/00 (2006.01)**
[25] EN
[54] **AUTONOMOUS VEHICLE NOTIFICATION SYSTEM**
[54]
[72] MATTHIESEN, TAGGART, US
[72] GUO, JISI, US
[72] BRANNSTROM, SEBASTIAN ROLF JOHAN, US
[72] GARMS, JESS, US
[71] LYFT, INC., US
[22] 2018-01-11
[41] 2018-07-26
[62] 3,046,340
[30] US (15/408,150) 2017-01-17

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[13] A1
[51] **Int.Cl. A61K 8/97 (2017.01) A61K 8/9789 (2017.01) A61K 8/34 (2006.01) A61Q 19/02 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **TOPICAL SKIN CARE FORMULATIONS COMPRISING PLANT EXTRACTS**
[54] **FORMULATIONS DE SOINS DE PEAU TOPIQUES RENFERMANT DES EXTRAITS DE VEGETAUX**
[72] FLORENCE, TIFFANY, US
[72] GAN, DAVID, US
[72] HINES, MICHELLE, US
[71] MARY KAY INC., US
[22] 2012-04-23
[41] 2012-10-26
[62] 2,833,803
[30] US (61/477,812) 2011-04-21

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[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) C12N 5/078 (2010.01) C12N 5/0783 (2010.01) C12N 5/0784 (2010.01) A61K 39/00 (2006.01) A61K 49/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 14/705 (2006.01) C07K 19/00 (2006.01) C12N 15/62 (2006.01) C12N 15/85 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **GENERATING AN IMMUNE RESPONSE BY INDUCING CD40 AND PATTERN RECOGNITION RECEPTORS**
[54]
[72] SPENCER, DAVID, US
[72] LAPTEVA, NATALIA, US
[71] BAYLOR COLLEGE OF MEDICINE, US
[22] 2007-10-19
[41] 2008-04-24
[62] 2,666,667
[30] US (60/862211) 2006-10-19
[30] US (60/895088) 2007-03-15

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[13] A1
[51] **Int.Cl. G01N 21/78 (2006.01) G01N 1/24 (2006.01) G01N 21/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR VISUAL AND ELECTRONIC READING OF COLORIMETRIC TUBES**
[54] **SYSTEME DE LECTURE VISUELLE ET ELECTRONIQUE DE TUBES COLORIMETRIQUES**
[72] TRUEX, BRYAN I., US
[72] MIHAYLOV, GUEORGUI, US
[71] NEXTTEQ LLC, US
[22] 2011-09-07
[41] 2012-03-15
[62] 2,810,650
[30] US (61/380,582) 2010-09-07

[21] **3,058,527**
[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/20 (2012.01)**
[25] EN
[54] **CROSS-FUNDS MANAGEMENT SERVER-BASED PAYMENT SYSTEM, AND METHOD, DEVICE AND SERVER THEREFOR**
[54] **SYSTEME DE PAIEMENT BASE SUR UN SERVEUR DE GESTION DE FONDS CROISES, ET PROCEDE, DISPOSITIF ET SERVEUR ASSOCIE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[22] 2015-05-28
[41] 2016-11-03
[62] 2,987,291
[30] CN (201510218467.8) 2015-04-30

[21] **3,058,529**
[13] A1
[51] **Int.Cl. G06Q 20/10 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **CROSS-FUNDS MANAGEMENT SERVER-BASED PAYMENT SYSTEM, AND METHOD, DEVICE AND SERVER THEREFOR**
[54] **SYSTEME DE PAIEMENT BASE SUR UN SERVEUR DE GESTION DE FONDS CROISES, ET PROCEDE, DISPOSITIF ET SERVEUR ASSOCIE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[22] 2015-05-28
[41] 2016-11-03
[62] 2,987,291
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[13] A1
[51] **Int.Cl. G06Q 20/10 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **CROSS-FUNDS MANAGEMENT SERVER-BASED PAYMENT SYSTEM, AND METHOD, DEVICE AND SERVER THEREFOR**
[54] **SYSTEME DE PAIEMENT BASE SUR UN SERVEUR DE GESTION DE FONDS CROISES, ET PROCEDE, DISPOSITIF ET SERVEUR ASSOCIE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[22] 2015-05-28
[41] 2016-11-03
[62] 2,987,291
[30] CN (201510218467.8) 2015-04-30

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[51] **Int.Cl. G07F 17/32 (2006.01) G06Q 20/20 (2012.01) G06Q 20/00 (2012.01) G07C 15/00 (2006.01)**
[25] EN
[54] **GAME AT CASH REGISTER**
[54] **JEU A LA CAISSE ENREGISTREUSE**
[72] LUTNICK, HOWARD W., US
[72] GELMAN, GEOFFREY M., US
[71] CFPH, LLC, US
[22] 2008-02-22
[41] 2008-08-28
[62] 2,678,880
[30] US (11/678,573) 2007-02-23

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[51] **Int.Cl. F16G 15/04 (2006.01) F16G 13/14 (2006.01) F16G 15/12 (2006.01)**
[25] EN
[54] **CHAIN AND COUPLING LINKS**
[54] **CHAINE ET MAILLONS D'ACCOUPLEMENT**
[72] BRISCOE, TERRY L., US
[72] CARPENTER, CHRISTOPHER M., US
[72] ROSE, MICHAEL, US
[72] HIRTLE, SEAN T., US
[72] OLLINGER, CHARLES G., US
[71] ESCO GROUP LLC, US
[22] 2012-08-29
[41] 2013-03-07
[62] 2,842,043
[30] US (61/529,223) 2011-08-30

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[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/10 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **CROSS-FUNDS MANAGEMENT SERVER-BASED PAYMENT SYSTEM, AND METHOD, DEVICE AND SERVER THEREFOR**
[54] **SYSTEME DE PAIEMENT BASE SUR UN SERVEUR DE GESTION DE FONDS CROISES, ET PROCEDE, DISPOSITIF ET SERVEUR ASSOCIE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[22] 2015-05-28
[41] 2016-11-03
[62] 2,987,291
[30] CN (201510218467.8) 2015-04-30

[21] **3,058,604**
[13] A1
[51] **Int.Cl. E05B 47/06 (2006.01) E05B 77/00 (2014.01) E05B 13/00 (2006.01) E05C 17/56 (2006.01)**
[25] EN
[54] **IMPROVED DOOR CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE PORTIERE AMELIORE**
[72] MIU, TRAIAN, CA
[72] ENGLISH, MITCHELL, CA
[72] BANJONGPANITH, PASIT, CA
[72] BROADHEAD, DOUGLAS, CA
[71] WARREN INDUSTRIES LTD., CA
[22] 2017-12-01
[41] 2018-06-07
[62] 3,045,930
[30] US (62/429,028) 2016-12-01

[21] **3,058,636**
[13] A1
[51] **Int.Cl. F24F 7/02 (2006.01) E04D 13/00 (2006.01) F24F 13/08 (2006.01)**
[25] EN
[54] **VENT**
[54] **EVENT**
[72] FISER, JAKOB D., US
[71] LOMANCO, INC., US
[22] 2017-09-14
[41] 2018-11-09
[62] 2,979,248
[30] US (15/703,762) 2017-09-13

[21] **3,058,646**
[13] A1
[51] **Int.Cl. B65D 5/72 (2006.01)**
[25] EN
[54] **A METHOD FOR STORING CARDS**
[54]
[72] SHIGETA, YASUSHI, JP
[71] ANGEL PLAYING CARDS CO., LTD., JP
[22] 2015-05-15
[41] 2015-11-19
[62] 2,949,196
[30] JP (2014-115255) 2014-05-15

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **MODULAR METER ROLLER CARTRIDGE**
[54] **CARTOUCHE DE ROULEAU DOSEUR MODULAIRE**
[72] GERVAIS, JOEL JOHN OCTAVE, CA
[72] HENRY, JAMES WAYNE, CA
[72] BENT, ETHAN CURTIS STEPHEN, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-17
[41] 2016-05-04
[62] 2,904,786
[30] US (62/075,155) 2014-11-04

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[13] A1
[51] **Int.Cl. C08L 67/04 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING ARTICLES FORMED FROM POLYLACTIC ACID AND ARTICLES MADE THEREFROM**
[54] **PROCEDE DE FABRICATION D'ARTICLES FORMES A PARTIR D'ACIDE POLYLACTIQUE ET ARTICLES FABRIQUES A PARTIR DE CELUI-CI**
[72] SBRIGLIA, GUY A., US
[72] GORE, SCOTT A., US
[71] W. L. GORE & ASSOCIATES, INC., US
[22] 2015-07-29
[41] 2016-02-04
[62] 2,956,702
[30] US (62/030,408) 2014-07-29
[30] US (14/811,054) 2015-07-28

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **MODULAR METER ROLLER CARTRIDGE**
[54] **CARTOUCHE DE ROULEAU DOSEUR MODULAIRE**
[72] GERVAIS, JOEL JOHN OCTAVE, CA
[72] HENRY, JAMES WAYNE, CA
[72] BENT, ETHAN CURTIS STEPHEN, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-09-17
[41] 2016-05-04
[62] 2,904,786
[30] US (62/075,155) 2014-11-04

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[13] A1
[25] EN
[54] **MONOCLONAL ANTIBODIES AGAINST CLAUDIN-18 FOR TREATMENT OF CANCER**
[54] **ANTICORPS MONOCLONAUX CONTRE LA CLAUDINE-18 POUR LE TRAITEMENT DU CANCER**
[72] SAHIN, UGUR, DE
[72] TURECI, OZLEM, DE
[72] USENER, DIRK, DE
[72] FRITZ, STEFAN, DE
[72] UHEREK, CHRISTOPH, DE
[72] BRANDENBURG, GUNDA, DE
[72] GEPPERT, HARALD-GERHARD, DE
[72] SCHRODER, ANJA KRISTINA, DE
[72] THIEL, PHILIPPE, DE
[71] ASTELLAS PHARMA INC., JP
[71] TRON - TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITATSMEDIZIN DER JOHANNEGUTENBERG-UNIVERSITAT MAINZ GEMEINNUTZIGE GMBH, DE
[22] 2006-11-24
[41] 2007-05-31
[62] 2,886,580
[30] EP (05 025 657.7) 2005-11-24

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[21] **3,058,737**
[13] A1
[51] **Int.Cl. B01D 65/02 (2006.01) B01D 69/08 (2006.01)**
[25] EN
[54] **MEMBRANE CLEANING WITH PULSED AIRLIFT PUMP**
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[72] ZHA, FUFANG, AU
[72] JAMES, GERIN, US
[72] ZUBACK, JOSEPH EDWARD, US
[72] ZAUNER, PETER, AU
[72] PHELPS, ROGER WILLIAM, AU
[71] EVOQUA WATER TECHNOLOGIES LLC, US
[22] 2008-05-29
[41] 2008-12-18
[62] 2,688,455
[30] US (60/940,507) 2007-05-29

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[21] **3,058,744**
[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) A61F 13/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **INLINE STORAGE POUCHES FOR USE WITH BODY FLUIDS**
[54] **POCHETTES DE STOCKAGE EN LIGNE DESTINEES A ETRE UTILISER AVEC DES LIQUIDES BIOLOGIQUES**
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] RYDER, ELLIOTT JAMES, GB
[72] PRATT, BENJAMIN A., GB
[71] KCI LICENSING, INC., US
[22] 2012-04-09
[41] 2013-03-07
[62] 2,844,924
[30] US (61/529,709) 2011-08-31
[30] US (61/543,558) 2011-10-05

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[21] **3,058,758**
[13] A1
[51] **Int.Cl. A61C 7/08 (2006.01) A61C 7/36 (2006.01) A61F 5/56 (2006.01)**
[25] EN
[54] **MANDIBULAR PROTRUSION DEVICE**
[54] **DISPOSITIF DE PROPULSION MANDIBULAIRE**
[72] MIQUEL, FLORENT, CA
[71] PANTHERA DENTA INC., CA
[22] 2013-09-24
[41] 2014-03-27
[62] 2,885,624
[30] CA (2791139) 2012-09-24

[21] **3,058,773**
[13] A1
[25] EN
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[54] **DETERMINATION DE LA DOSE DU STIMULANT DE L'ERYTHROPOIESE (ESA)**
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[72] MCCARTHY, JAMES T., US
[72] STEENSMA, DAVID P., US
[72] DINGLI, DAVID, US
[72] ROGERS, JAMES L., US
[72] GALLAHER, EDWARD G., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[22] 2011-01-04
[41] 2011-07-07
[62] 2,786,297
[30] US (61/292,087) 2010-01-04

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[21] **3,058,821**
[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) G06T 7/50 (2017.01) H04N 13/122 (2018.01) H04N 13/128 (2018.01) G06F 3/03 (2006.01) G06F 3/042 (2006.01)**
[25] EN
[54] **TOUCHLESS INPUT**
[54] **SAISIE SANS TOUCHER POUR INTERFACE D'UTILISATEUR**
[72] HEGDE, GURU, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[22] 2013-10-11
[41] 2014-04-17
[62] 2,884,884
[30] US (13/651187) 2012-10-12

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[21] **3,058,829**
[13] A1
[51] **Int.Cl. C22C 38/38 (2006.01) B21J 1/06 (2006.01) C21D 8/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/26 (2006.01) C22C 38/28 (2006.01) C22C 38/32 (2006.01)**
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[54] **ACIER POUR UNE TREMPE A LA PRESSE ET PIECE TREMPEE A LA PRESSE FABRIQUEE A PARTIR D'UN TEL ACIER**
[72] DRILLET, PASCAL, FR
[72] POIRIER, MARIA, FR
[72] SARKAR, SUJAY, FR
[71] ARCELORMITTAL, LU
[22] 2016-06-10
[41] 2017-01-12
[62] 2,990,356
[30] IB (PCT/IB2015/001156) 2015-07-09

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[21] **3,058,839**
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[51] **Int.Cl. G06F 17/00 (2019.01) G06F 8/00 (2018.01) G06F 7/00 (2006.01) G06F 11/30 (2006.01)**
[25] EN
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[54] **LANGAGE DE TRAITEMENT DE FLUX DE DONNEES POUR L'ANALYSE DE LOGICIEL INSTRUMENTE**
[72] RAMAN, RAJESH, US
[72] MUKHERJI, ARIJIT, US
[72] GRANDY, KRIS, US
[72] LIU, PHILLIP, US
[71] SIGNALFX, INC., US
[22] 2015-12-16
[41] 2016-06-23
[62] 2,969,131
[30] US (62/094,935) 2014-12-19
[30] US (14/970,454) 2015-12-15
[30] US (14/970,451) 2015-12-15
[30] US (14/970,450) 2015-12-15

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[21] **3,058,855**
[13] A1
[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/03 (2006.01) E21B 21/00 (2006.01) E21B 33/138 (2006.01)**
[25] EN
[54] **POLYMER-BASED DRILLING FLUIDS CONTAINING NON-BIODEGRADABLE MATERIALS AND METHODS FOR USE THEREOF**
[54] **FLUIDES DE FORAGE A BASE DE POLYMERES CONTENANT DES MATERIAUX NON BIODEGRADABLES ET LEURS PROCEDES D'UTILISATION**
[72] COLLINS, RYAN PATRICK, US
[72] MAY, PRESTON ANDREW, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2014-08-05
[41] 2016-02-11
[62] 2,952,414

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[21] **3,058,857**
[13] A1
[51] **Int.Cl. G01V 8/00 (2006.01) G01B 11/16 (2006.01) G01J 5/10 (2006.01) G01K 11/12 (2006.01) H04N 5/262 (2006.01) H04N 5/33 (2006.01) H04N 7/18 (2006.01)**
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[72] WENDORF, SCOTT, US
[72] RICHARDS, WILLIAM MARK, US
[72] HAMID, SYED, US
[72] RODNEY, PAUL F., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2014-04-30
[41] 2015-11-05
[62] 2,942,674

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/803 (2013.01) G06F 12/0802 (2016.01) G06F 9/455 (2018.01) H04L 29/12 (2006.01)**
[25] EN
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[54] **MISE EN .UVRE D'UN SERVICE QUI COORDONNE LE PLACEMENT ET L'EXECUTION DE CONTENEURS**
[72] CARL, CRAIG KEITH, US
[71] AMAZON TECHNOLOGIES, INC., US
[22] 2015-03-27
[41] 2015-10-01
[62] 2,943,492
[30] US (14/229,702) 2014-03-28

[21] **3,058,864**
[13] A1
[51] **Int.Cl. F24B 1/187 (2006.01) A47J 37/07 (2006.01) F23B 40/00 (2006.01) F23N 1/02 (2006.01)**
[25] EN
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[54] **GRIL DE CUISSON UTILISANT DU COMBUSTIBLE EN PASTILLES**
[72] MCADAMS, TOM, CA
[72] HOFER, ETHAN, CA
[72] DNESTRIANSCHII, LUCIEN, CA
[71] CRYSTAL SPRING COLONY FARMS LTD., CA
[22] 2016-02-19
[41] 2016-09-09
[62] 2,978,548
[30] US (14637494) 2015-03-04

[21] **3,058,918**
[13] A1
[25] EN
[54] **PRECAST STORMWATER INLET FILTER AND TRAP**
[54] **FILTRE ET PIEGE PRECOULES POUR ENTREE D'EAU DE RUISSELLEMENT**
[72] LISTON, PATRICK WILLIAM, US
[71] FORTERRA PIPE & PRECAST, LLC, US
[22] 2014-03-13
[41] 2014-10-02
[62] 2,905,899
[30] US (61/782,424) 2013-03-14
[30] US (14/206,154) 2014-03-12

[21] **3,058,990**
[13] A1
[51] **Int.Cl. G10L 19/06 (2013.01) G10L 19/08 (2013.01)**
[25] EN
[54] **AUDIO CODING METHOD AND RELATED APPARATUS**
[54] **METHODE DE CODAGE AUDIO ET APPAREIL CONNEXE**
[72] LIU, ZEXIN, CN
[72] MIAO, LEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[22] 2015-04-01
[41] 2016-02-04
[62] 2,951,321
[30] CN (201410363905.5) 2014-07-28

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