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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.

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.

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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:

None

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 :

Aucun

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

Date de publication : 10 mai 2017
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

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

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

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.

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. 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

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 December 17, 2019 contains applications open to public inspection from December 1, 2019 to December 7, 2019.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 17 décembre 2019 contient les demandes disponibles au public pour consultation pour la période du 1 décembre 2019 au 7 décembre 2019.

Canadian Patents Issued

December 17, 2019

Brevets canadiens délivrés

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[54] **TRANSMISSION DE DONNEES ET COMMANDE DE PUISSANCE DANS UN SYSTEME DE COMMUNICATION DE RELAIS A SAUTS MULTIPLES**
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[54] **PHARMACEUTICAL COMPOSITION FOR ADMINISTRATION TO NAILS**
[54] **COMPOSITION PHARMACEUTIQUE POUR APPLICATION SUR LES ONGLES**
[72] GUNTHER, BERNHARD, DE
[72] THEISINGER, BASTIAN, DE
[72] THEISINGER, SONJA, DE
[73] NOVALIQ GMBH,
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[54] **TOPICAL WASH COMPOSITION**
[54] **COMPOSITION DE LAVAGE TOPIQUE**
[72] NADAU FOURCADE, KARINE, FR
[73] GALDERMA S.A.,
[85] 2013-11-12
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[51] **Int.Cl. H01R 13/62 (2006.01)**
[25] EN
[54] **A WATERPROOF COVER FOR AN ELECTRICAL PLUG**
[54] **COIFFE ETANCHE POUR UNE PRISE DE COURANT**
[72] ZAURRINI, PASQUALE PETER, AU
[73] ZAP CAP IP PTY LTD,
[85] 2013-11-14
[86] 2012-06-08 (PCT/AU2012/000666)
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[51] **Int.Cl. F04D 27/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR GATHERING GAS FROM A GAS FIELD COMPRISING A HIGH EFFICIENT HIGH PRESSURE COMPRESSOR**
[54] **SYSTEME DE COLLECTE DE GAZ DEPUIS UN CHAMP DE GAZ COMPRENANT UN COMPRESSEUR HAUTE-PRESSION A EFFICACITE ELEVEE**
[72] OKHUIJSEN, BOB, NL
[72] KAUFFELD, ARTHUR, NL
[72] WACKER, BERND, DE
[73] SIEMENS AKTIENGESELLSCHAFT,
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[25] EN
[54] **ENHANCING LOW FREQUENCY CONTENT IN MARINE SIMULTANEOUS VIBROSEIS AQUISITION**
[54] **AMELIORATION DU CONTENU BASSE FREQUENCE DANS UNE ACQUISITION VIBROSISMIQUE MARINE SIMULTANEE**
[72] BAGAINI, CLAUDIO, NO
[73] REFLECTION MARINE NORGE AS,
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[25] EN
[54] **INTERACTIVE BOOK WITH INTEGRATED ELECTRONIC DEVICE**
[54] **LIVRE INTERACTIF COMPORTANT UN DISPOSITIF ELECTRONIQUE INTEGRE**
[72] FAHRER, DAVID, US
[73] FAHRER, DAVID,
[86] (2842991)
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[51] **Int.Cl. B60C 23/00 (2006.01) F16J 15/16 (2006.01)**
[25] FR
[54] **ROTARY SEALING DEVICE, AND SEALING RING FOR SUCH A DEVICE**
[54] **DISPOSITIF D'ETANCHEITE TOURNANT ET BAGUE D'ETANCHEITE POUR UN TEL DISPOSITIF**
[72] TAJAN, EMMANUEL, FR
[73] NEXTER MECHANICS,
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[25] EN
[54] **LOCKING JOINT FOR COLLAPSIBLE LADDERS AND OTHER STRUCTURES**
[54] **JOINT DE VERROUILLAGE POUR ECHELLES PLIABLES ET AUTRES STRUCTURES**
[72] GALLUP, BENJAMIN, US
[72] BALL, NATHAN, US
[72] SCHMID, BRYAN, US
[72] WALKER, DANIEL, US
[73] ATLAS DEVICES LLC,
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[51] **Int.Cl. G01R 15/18 (2006.01) H02H 3/32 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MEASURING ELECTRIC CURRENTS BY MEANS OF A CURRENT TRANSFORMER**
[54] **PROCEDE ET DISPOSITIF DE MESURE DE COURANTS ELECTRIQUES L'AIDE D'UN TRANSFORMATEUR DE COURANT**
[72] RATHSMANN, STEFAN, DE
[73] EAN ELEKTROSCHALTANLAGEN GMBH,
[85] 2014-02-14
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[25] FR
[54] **DEVICE FOR HANDLING OBJECTS, USING ACOUSTIC FORCE FIELDS**
[54] **DISPOSITIF DE MANIPULATION D'OBJETS PAR CHAMP DE FORCE ACOUSTIQUE**
[72] AIDER, JEAN-LUC, FR
[72] DRON, OLIVIER, FR
[72] HOYOS, MAURICIO, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE,
[73] ECOLE SUPERIEURE DE PHYSIQUE ET DE CHIMIE INDUSTRIELLES DE LA VILLE DEARIS,
[85] 2014-02-21
[86] 2012-07-30 (PCT/IB2012/053882)
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[25] EN
[54] **NEW CYCLOHEXYLAMINE DERIVATIVES HAVING .BETA.2 ADRENERGIC AGONIST AND M3 MUSCARINIC ANTAGONIST ACTIVITIES**
[54] **NOUVEAUX DERIVES DE CYCLOHEXILAMINE AYANT DES ACTIVITES D'AGONISTE DES RECEPTEURS .BETA.2-ADRENERGIQUE ET D'ANTAGONISTE DES RECEPTEURS MUSCARINIQUES M3**
[72] AIGUADE BOSCH, JOSE, ES
[72] GUAL ROIG, SILVIA, ES
[72] PRAT QUINONES, MARIA, ES
[72] PUIG DURAN, CARLOS, ES
[73] ALMIRALL, S.A.,
[85] 2014-03-24
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[25] EN
[54] **PAINT PRETREATMENT AGENT FOR COATING-TYPE PAINT, AND COATING-TYPE PAINTING METHOD**
[54] **AGENT DE PRETRAITEMENT DE PEINTURE POUR PEINTURE DE TYPE A REVETEMENT ET PROCEDE DE PEINTURE DE TYPE A REVETEMENT**
[72] TOI, TERUZO, JP
[72] INOUE, MINORU, JP
[73] CHEMETALL GMBH,
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[25] EN
[54] **USING NOVEL AMINES TO STABILIZE QUATERNARY TRIALKYLALKANOLAMINES**
[54] **UTILISATION DE NOUVELLES AMINES POUR STABILISER DES TRIALKYLALCANOLAMINES QUATERNAIRES**
[72] FERGUSON, DAVE C., US
[73] HUNTSMAN PETROCHEMICAL LLC,
[85] 2014-04-07
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[25] EN
[54] **PRIMARY CLUTCH ELECTRONIC CVT**
[54] **TRANSMISSION A VARIATION CONTINUE ELECTRONIQUE A EMBRAYAGE PRIMAIRE**
[72] NELSON, STEPHEN L., US
[72] GILLINGHAM, BRIAN R., US
[72] WENGER, URS, CH
[72] FREDRICKSON, DONOVAN L., US
[72] KROSSCHELL, BRIAN D., US
[72] GRAJKOWSKI, KARL, US
[72] MEYER, PHILIPP, CH
[72] FROST, DONALD E., US
[72] KOHLER, BEAT, CH
[72] ZURBRUEGG, RONALD, CH
[72] ERASMUS, PETER J., CH
[72] PETERMAN, JEFFREY IVAN, US
[73] POLARIS INDUSTRIES INC.,
[85] 2014-04-09
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[51] **Int.Cl. G01N 21/95 (2006.01) G02B 27/40 (2006.01) H04N 5/30 (2006.01) H04N 5/33 (2006.01)**
[25] EN
[54] **HIGH SPEED AUTOFOCUS SYSTEM**
[54] **SYSTEME DE MISE AU POINT AUTOMATIQUE A GRANDE VITESSE**
[72] PINKNEY, TIMOTHY, US
[72] BISHOP, ROBERT, US
[73] RUDOLPH TECHNOLOGIES, INC.,
[85] 2014-04-16
[86] 2012-10-17 (PCT/US2012/060480)
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[30] US (61/547,916) 2011-10-17
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[25] EN
[54] **SALTS OF CARBOXYLIC ACID HERBICIDES**
[54] **SELS D'HERBICIDES ACIDES CARBOXYLIQUES**
[72] ZHANG, JUNHUA, US
[72] WRIGHT, DANIEL R., US
[72] ABRAHAM, WILLIAM, US
[73] MONSANTO TECHNOLOGY LLC,
[85] 2014-04-22
[86] 2012-10-26 (PCT/US2012/062059)
[87] (WO2013/063357)
[30] US (61/551,764) 2011-10-26

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[51] **Int.Cl. A61F 5/56 (2006.01)**
[25] EN
[54] **TISSUE SUPPORTING DEVICE AND METHOD**
[54] **DISPOSITIF DE SUPPORT DE TISSU ET PROCEDE**
[72] ROUSSEAU, ROBERT A., US
[72] LINDH, DAVID C., SR., US
[73] ETHICON, INC.,
[85] 2014-04-23
[86] 2012-10-24 (PCT/US2012/061569)
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[13] C
[51] **Int.Cl. B41J 15/04 (2006.01)**
[25] EN
[54] **PAPER-ROLL LOADING DEVICE FOR A PRINTER OF A PAYMENT TERMINAL**
[54] **DISPOSITIF DE CHARGEMENT DE ROULEAUX DE PAPIER POUR UNE IMPRIMANTE D'UN TERMINAL DE PAIEMENT**
[72] SAUVAGE, MICKAEL, FR
[72] MAYER, LAURENT, FR
[72] ROBERT, FRANCK, FR
[72] WOLFF, CAROLINE, FR
[72] NGYEN, FREDERIC, FR
[73] INGENICO GROUP,
[85] 2014-05-05
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[30] FR (1160400) 2011-11-15
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[51] **Int.Cl. B60S 9/18 (2006.01) B60S 9/22 (2006.01)**
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[54] **A JOCKEY WHEEL**
[54] **ROUE JOCKEY**
[72] ARAKELIAN, RICHARD, AU
[72] KUO, HSUAN-CHI, AU
[73] ARK CORPORATION PTY LTD,
[86] (2854707)
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[22] 2014-06-17
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[51] **Int.Cl. A62B 35/00 (2006.01) A63B 27/02 (2006.01) A44B 11/04 (2006.01)**
[25] EN
[54] **CONNECTING ADJUSTMENT ASSEMBLY**
[54] **ENSEMBLE D'AJUSTEMENT DE CONNEXION**
[72] PERNER, JUDD J., US
[72] PETTY, CLIFFORD D., US
[73] D B INDUSTRIES, LLC,
[85] 2014-05-06
[86] 2012-11-15 (PCT/US2012/065155)
[87] (WO2013/074718)
[30] US (61/561,432) 2011-11-18
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[25] FR
[54] **METHOD FOR RESHAPING A TURBOMACHINE BLADE THAT HAS AT LEAST ONE ZONE THAT HAS BECOME DEFORMED USING PEENING**
[54] **PROCEDE DE REFORMAGE D'UNE AUBE DE TURBOMACHINE COMPORTANT AU MOINS UNE ZONE DEFORMEE PAR GRENAILLAGE**
[72] DERRIEN, GERARD, FR
[73] SNECMA,
[85] 2014-05-09
[86] 2012-12-05 (PCT/FR2012/052811)
[87] (WO2013/083918)
[30] FR (1161272) 2011-12-07

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[13] C
[51] **Int.Cl. B29B 17/04 (2006.01) C08C 19/08 (2006.01) C08J 11/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR PROCESSING SCRAP CROSS-LINKED THERMOSET ELASTOMERIC MATERIAL**
[54] **APPAREIL DE TRAITEMENT D'UN MATERIAU DE REBUT ELASTOMERE THERMODURCI ET RETICULE**
[72] FISHER, JAMES F., CA
[73] REP INTERNATIONAL,
[85] 2014-05-20
[86] 2012-11-19 (PCT/CA2012/001070)
[87] (WO2013/075218)
[30] US (61/563,689) 2011-11-25

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[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/485 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **TRANSDERMAL DELIVERY SYSTEM COMPRISING BUPRENORPHINE**
[54] **SYSTEME D'ADMINISTRATION TRANSDERMIQUE COMPRENANT DE LA BUPRENORPHINE**
[72] HILLE, THOMAS, DE
[72] WAUER, GABRIEL, DE
[72] SMITH, KEVIN JOHN, GB
[72] MUNDIN, GILLIAN ELIZABETH, GB
[72] JOHNSON, HELEN ELIZABETH, GB
[73] LTS LOHMANN THERAPIE-SYSTEME AG,
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[51] **Int.Cl. C09K 3/10 (2006.01) C08F 2/46 (2006.01) C08L 51/08 (2006.01)**
[25] EN
[54] **FORM IN-PLACE GASKET WITH TACK FREE SURFACE**
[54] **JOINT D'ETANCHEITE MOULANT A SURFACE NON COLLANTE**
[72] NEBIOGLU, AYSEGUL KASCATAN, US
[72] RAHIM, MARUFUR, US
[73] DYMAX CORPORATION,
[86] (2858795)
[87] (2858795)
[22] 2014-08-07
[30] US (14/010,228) 2013-08-26

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[25] EN
[54] **COMPOSITE PARTICLES, MANUFACTURING METHOD THEREOF, ELECTRODE MATERIAL FOR SECONDARY BATTERY, AND SECONDARY BATTERY**
[54] **PARTICULES COMPOSITES, LEUR PROCEDE DE PRODUCTION, MATERIAU D'ELECTRODE POUR BATTERIES SECONDAIRES, ET BATTERIE SECONDAIRE**
[72] KAWASAKI, TAKASHI, JP
[72] YOSHINO, NOBUYUKI, JP
[72] MURATA, HIROSHI, JP
[72] SAWAI, TAKEHIKO, JP
[72] SAITO, SHINJI, JP
[72] URAO, KAZUNORI, JP
[73] DENKA COMPANY LIMITED,
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[51] **Int.Cl. C12P 7/06 (2006.01)**
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[54] **METHOD OF TREATING BYPRODUCTS FROM ETHANOL PRODUCTION**
[54] **PROCEDE DE TRAITEMENT DE SOUS-PRODUITS ISSUS DE LA PRODUCTION D'ETHANOL**
[72] TETARENKO, PAMELA KAREN, US
[72] BLACKBOURN, ROBERT LAWENCE, US
[72] WEIDER, PAUL RICHARD, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.,
[85] 2014-06-12
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[87] (WO2013/090526)
[30] US (61/570,917) 2011-12-15

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[54] **COMPOUNDS**
[54] **COMPOSES**
[72] COURTNEY, STEVE, GB
[72] YARNOLD, CHRIS, GB
[72] FLANAGAN, STUART, GB
[72] BRACE, GARETH, GB
[72] BARKER, JOHN, GB
[72] ICHIHARA, OSAMU, JP
[72] GADOULEAU, ELISE, GB
[72] RICHARDSON, ANTHONY, GB
[72] KONDO, TAKASHI, JP
[72] IMAGAWA, AKIRA, JP
[72] NAKATANI, SHINGO, JP
[72] SUZUKI, RYO, JP
[72] KOUYAMA, SHO, JP
[73] ONO PHARMACEUTICAL CO., LTD.,
[85] 2014-06-17
[86] 2012-12-20 (PCT/GB2012/053217)
[87] (WO2013/093484)
[30] GB (1122139.7) 2011-12-21
[30] GB (1217290.4) 2012-09-27

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[13] C
[51] **Int.Cl. A01J 5/08 (2006.01) A01J 5/04 (2006.01)**
[25] EN
[54] **A CARTRIDGE, AND A TEATCUP**
[54] **CARTOUCHE ET GOBELET TRAYEUR**
[72] LA TORRE, CARLOS, SE
[72] LIDMAR, ANNELI, SE
[72] PERSSON, MICHAEL, SE
[73] DELAVAL HOLDING AB,
[85] 2014-06-19
[86] 2012-12-20 (PCT/SE2012/051459)
[87] (WO2013/095288)
[30] SE (1151252-2) 2011-12-22
[30] US (61/578,990) 2011-12-22

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[13] C
[51] **Int.Cl. C10G 47/00 (2006.01) C01B 3/02 (2006.01) C01B 3/32 (2006.01)**
[25] EN
[54] **MULTISTAGE METHOD FOR PRODUCING HYDROGEN-CONTAINING GASEOUS FUEL AND THERMAL GAS-GENERATOR UNIT**
[54] **METHODE MULTIETAPE DE PRODUCTION D'UN COMBUSTIBLE GAZEUX RENFERMANT DE L'HYDROGENE ET MODULE DE GENERATEUR DE GAZ THERMIQUE**
[72] ARAKELIAN, GAMLET GURGENOVICH, RU
[72] ARAKELIAN, ARTUR GAMLETOVICH, RU
[72] ARAKELIAN, GRANAT GAMLETOVICH, RU
[73] NAUCHNO-PROEKTNOE PROIZVODSTVENNO-STROITELNOE OBEDINENIE "GRANTSTROI",
[85] 2014-06-19
[86] 2012-11-16 (PCT/RU2012/000943)
[87] (WO2013/095190)
[30] RU (2011152015) 2011-12-20

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[13] C
[51] **Int.Cl. D21H 17/45 (2006.01) C09C 3/10 (2006.01) D21H 21/52 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING PAPER, BOARD OR THE LIKE AND AGGLOMERATE**
[54] **PROCEDE DE PRODUCTION DE PAPIER, CARTON OU ANALOGUE ET AGGLOMERE**
[72] HIETANIEMI, MATTI, FI
[72] VIRTANEN, MIKKO, FI
[72] AHLGREN, JONNI, FI
[73] KEMIRA OYJ,
[85] 2014-06-26
[86] 2013-01-16 (PCT/FI2013/050043)
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[54] **PACKAGING SHEET, PACKAGING AND ASSOCIATED MANUFACTURING METHOD**
[54] **FEUILLE D'EMBALLAGE, EMBALLAGE ET PROCEDE DE FABRICATION ASSOCIE**
[72] DURIN-FRANCE, AGNES, FR
[72] COULON, DONATIEN, FR
[72] PROVOST, JEAN-JACQUES, FR
[72] BONIFACY, JEAN-MARIE NICOLAS, FR
[73] AMCOR FLEXIBLES FRANCE,
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[54] **PAD RETENTION SYSTEM OF A DISC BRAKE OF A MOTOR VEHICLE**
[54] **SYSTEME DE RETENUE DE GARNITURE D'UN FREIN A DISQUE D'UN VEHICULE A MOTEUR**
[72] BAUMGARTNER, JOHANN, DE
[72] PESCHEL, MICHAEL, DE
[72] WERTH, ALEXANDER, DE
[73] KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH,
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[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING GAS**
[54] **PROCEDE ET APPAREIL DE PRODUCTION DE GAZ**
[72] ANAGNOSTOPOULOS, GEORGE, ZA
[73] HYDROX HOLDINGS LIMITED,
[85] 2014-08-08
[86] 2013-02-11 (PCT/IB2013/051109)
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[51] **Int.Cl. E02D 13/04 (2006.01) E02D 27/52 (2006.01)**
[25] EN
[54] **A TEMPLATE FOR AND METHOD OF INSTALLING A PLURALITY OF FOUNDATION ELEMENTS IN AN UNDERWATER GROUND FORMATION**
[54] **GABARIT D'INSTALLATION D'UNE PLURALITE D'ELEMENTS DE FONDATION DANS UNE FORMATION SOUTERRAINE IMMERGEE ET PROCEDE ASSOCIE**
[72] VAN VESSEM, HENRICUS GERARDUS ANDREAS, NL
[73] IHC HOLLAND IE B.V.,
[85] 2014-08-06
[86] 2013-02-08 (PCT/NL2013/050076)
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[54] **MEDICAL APPARATUS HAVING A SOCKET UNIT FOR CONNECTION OF A DEVICE FOR SUPPLYING MEDICAL FLUIDS, AND DEVICE FOR SUPPLYING MEDICAL FLUIDS HAVING A PLUG UNIT FOR CONNECTION TO A MEDICAL APPARATUS**
[54] **DISPOSITIF MEDICAL DOTE D'UNE UNITE CONNECTEUR FEMELLE POUR LE RACCORDEMENT D'UN DISPOSITIF DE FOURNITURE DE LIQUIDES MEDICINAUX ET DISPOSITIF DE FOURNITURE DE LIQUIDES MEDICINAUXDOTE D'UNE UNITE CONNECTEUR MALE POUR LE RACCORDEMENT A UN DISPOSITIF MEDICAL**
[72] BRANDL, MATTHIAS, DE
[72] FAULHABER, THOMAS, DE
[72] HORMANN, JORN, DE
[72] KUGELMANN, FRANZ, DE
[72] ORTER, GOKHAN, DE
[72] STERZER, RAFAEL, DE
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH,
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[25] EN
[54] **METHOD FOR DISSOLVING CATIONIC STARCH, PAPERMAKING AGENT AND ITS USE**
[54] **PROCEDE DE DISSOLUTION D'AMIDON CATIONIQUE, AGENT DE FABRICATION DE PAPIER ET SON UTILISATION**
[72] KARPPI, ASKO, FI
[72] TIRRONEN, ESKO, FI
[73] KEMIRA OYJ,
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[25] EN
[54] **ACTUATOR FOR DUAL DRILL STRING VALVE AND ROTARY DRILL STRING VALVE CONFIGURATION THEREFOR**
[54] **ACTIONNEUR POUR SOUPAPE DE DOUBLE TRAIN DE TIGES ET CONFIGURATION DE SOUPAPE ROTATIVE DE TRAINS DE TIGES POUR CELUI-CI**
[72] ALHAUG, ESPEN, NO
[72] MEINSETH, STEIN ERIK, NO
[73] REELWELL AS,
[85] 2014-08-26
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[54] **DUAL BAND DIRECTIVE/REFLECTIVE ANTENNA**
[54] **ANTENNE DIRECTIVE/REFLECTIVE A DOUBLE BANDE**
[72] HUYNH, SON HUY, US
[73] NOVATEL INC.,
[86] (2865629)
[87] (2865629)
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[54] **ELECTRIC FENCE AND ASSEMBLY THEREWITH**
[54] **CLOTURE ELECTRIQUE ET ENSEMBLE EQUIPE DE CELLE-CI**
[72] VAN AALST, KRISTIAAN LEONARD, NL
[73] LELY PATENT N.V.,
[85] 2014-09-04
[86] 2013-03-25 (PCT/NL2013/050217)
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[25] EN
[54] **N-ACYLATED METHIONINE DERIVATIVES AS FOOD FLAVOURING COMPOUNDS**
[54] **DERIVES N-ACYLES DE METHIONINE COMME COMPOSES D'AROME ALIMENTAIRE**
[72] SHI, FENG, US
[72] RENES, HARRY, NL
[72] VAN OMMEREN, ESTHER, NL
[72] VORSTER, SUSANNA MAGDALENA, NL
[72] WANG, YILI, US
[72] DE KLERK, ADRI, NL
[73] GIVAUDAN S.A.,
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[54] **MESENCHYMAL STEM CELLS FOR TREATING INFLAMMATION**
[54] **CELLULES SOUCHES MESENCHYMATEUSES DESTINEES AU TRAITEMENT DE L'INFLAMMATION**
[72] PITTENGER, MARK F., US
[72] AGGARWAL, SUDEEPTA, US
[73] MESOBLAST INTERNATIONAL SARL,
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[25] EN
[54] **METHOD FOR THE PRODUCTION OF ACRYLIC ACID OR ITS DERIVATIVES**
[54] **PROCEDE DE PRODUCTION D'ACIDE ACRYLIQUE OU DE SES DERIVES**
[72] VELASQUEZ, JUAN ESTEBAN, US
[72] LINGOES, JANETTE VILLALOBOS, US
[72] COLLIAS, DIMITRIS IOANNIS, US
[72] GODLEWSKI, JANE ELLEN, US
[73] THE PROCTER & GAMBLE COMPANY,
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[25] EN
[54] **SELF-CONTAINED LINK MODULE FOR GANG-STYLE HIGH VOLTAGE DEAD TANK BREAKERS**
[54] **MODULE DE LIAISON AUTONOME POUR DES DISJONCTEURS DE TYPE DEAD TANK A TENSION ELEVEE DU TYPE A COUPLAGE**
[72] CUPPETT, MATTHEW, US
[72] FUGE, JONATHAN, US
[72] DAHM, BETH, US
[73] ABB SCHWEIZ AG,
[85] 2014-10-09
[86] 2013-04-04 (PCT/US2013/035186)
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[51] **Int.Cl. B65D 85/10 (2006.01)**
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[54] **CIGARETTE PACKAGE AND METHOD FOR PRODUCTION THEREOF**
[54] **ETUI A CIGARETTES ET PROCEDE POUR LE FABRIQUER**
[72] BUSE, HENRY, DE
[72] HEIN, VIKTOR, DE
[72] ROESLER, BURKARD, DE
[73] JT INTERNATIONAL SA,
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[25] EN
[54] **SYSTEM FOR MAKING BEVERAGES**
[54] **SYSTEME POUR LA PREPARATION DE BOISSONS**
[72] DIGIUNI, PAOLO, CH
[73] CAFFITALY SYSTEM S.P.A.,
[85] 2014-11-04
[86] 2013-05-13 (PCT/IB2013/053868)
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[25] EN
[54] **DRILLING FLUIDS WITH NANO AND GRANULAR PARTICLES AND THEIR USE FOR WELLBORE STRENGTHENING**
[54] **FLUIDES DE FORAGE COMPRENANT DES NANOPARTICULES ET DES PARTICULES GRANULAIRES ET LEUR UTILISATION POUR RENFORCER DES PUITS DE FORAGE**
[72] HUSEIN, MAEN MOH'D, CA
[72] HARELAND, GEIR, CA
[73] NFLUIDS INC.,
[85] 2014-11-07
[86] 2013-07-09 (PCT/CA2013/050532)
[87] (WO2014/008598)
[30] US (61/671,418) 2012-07-13

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[13] C
[51] **Int.Cl. B65D 1/02 (2006.01) B65D 79/00 (2006.01)**
[25] EN
[54] **HOT FILL CONTAINER HAVING IMPROVED CRUSH RESISTANCE**
[54] **RECEPTACLE POUR REMPLISSAGE A CHAUD PRESENTANT UNE RESISTANCE ACCRUE A L'ECRASEMENT**
[72] SCHLIES, ANTHONY J., US
[72] HOWELL, JUSTIN A., US
[73] GRAHAM PACKAGING COMPANY, L.P.,
[85] 2014-06-16
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[25] FR
[54] **AGRICULTURAL MACHINE HAVING AN IMPROVED CHASSIS**
[54] **MACHINE AGRICOLE AVEC UN CHASSIS PERFECTIONNE**
[72] AUDIGIE, JEAN-CHARLES, FR
[73] KUHN S.A.,
[85] 2014-11-12
[86] 2013-06-20 (PCT/FR2013/051440)
[87] (WO2013/190242)
[30] FR (1255913) 2012-06-22

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[51] **Int.Cl. B01J 13/04 (2006.01) A61K 9/00 (2006.01) B81B 1/00 (2006.01) B05B 1/06 (2006.01) B05B 7/04 (2006.01)**
[25] EN
[54] **MICROBUBBLE GENERATION**
[54] **GENERATION DE BULLES**
[72] PEYMAN, SALLY ANNE, GB
[72] ABOU-SALEH, RADWA HASSAN, GB
[72] EVANS, STEPHEN DEREK, GB
[73] UNIVERSITY OF LEEDS,
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[86] 2012-06-29 (PCT/GB2012/051524)
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[30] GB (1111082.2) 2011-06-29

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[51] **Int.Cl. C11C 3/00 (2006.01) C11C 3/10 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF COMPLEX OLIGOMERIC STRUCTURES**
[54] **PROCEDE DE PREPARATION DE STRUCTURES OLIGOMERIQUES COMPLEXES**
[72] BORSOTTI, GIAMPIETRO, IT
[72] DIGIOIA, FRANCESCA, IT
[73] NOVAMONT S.P.A.,
[85] 2014-12-15
[86] 2013-06-18 (PCT/EP2013/062588)
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[25] EN
[54] **DISTRIBUTED HYDROGEN EXTRACTION SYSTEM**
[54] **SYSTEME D'EXTRACTION D'HYDROGENE DISTRIBUE**
[72] POLLICA, DARRYL, US
[72] BLANCHET, SCOTT, US
[72] LI, ZHIJIANG, US
[73] NUVERA FUEL CELLS, LLC,
[85] 2015-01-16
[86] 2013-07-19 (PCT/US2013/051286)
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[25] EN
[54] **BLOOD CONTROL IV CATHETER WITH ANTIMICROBIAL PROPERTIES**
[54] **CATHETER IV DE CONTROLE SANGUIN AUX PROPRIETES ANTIMICROBIENNES**
[72] BURKHOLZ, JONATHAN KARL, US
[72] ISAACSON, S. RAY, US
[72] STOUT, MARTY L., US
[73] BECTON, DICKINSON AND COMPANY,
[85] 2015-02-06
[86] 2013-08-21 (PCT/US2013/056034)
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[54] **ARCHIVAL DATA IDENTIFICATION**
[54] **IDENTIFICATION DE DONNEES D'ARCHIVES**
[72] PATIEJUNAS, KESTUTIS, US
[72] DONLAN, BRYAN J., US
[72] LAZIER, COLIN L., US
[72] SORENSON, JAMES CHRISTOPHER, III, US
[72] SEIGLE, MARK C., US
[72] CLAIBORN, CHRISTIAN L., US
[73] AMAZON TECHNOLOGIES, INC.,
[85] 2015-02-05
[86] 2013-08-06 (PCT/US2013/053853)
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[51] **Int.Cl. B60W 10/30 (2006.01) B60W 20/00 (2016.01) F16H 57/00 (2012.01)**
[25] EN
[54] **INTEGRATED HYDRAULIC SUPPLY PUMP**
[54] **POMPE D'ALIMENTATION HYDRAULIQUE INTEGREE**
[72] SCHULTE, JURGEN, US
[72] MUGGEO, FILIPPO, US
[72] MATTHEWS, DEREK, US
[72] PANCHERI, BRENDAN, US
[73] BAE SYSTEMS CONTROLS INC.,
[85] 2015-02-25
[86] 2013-08-29 (PCT/US2013/057181)
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[11] **2,884,768**
[13] C
[51] **Int.Cl. A61M 25/06 (2006.01) A61M 5/158 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **INTEGRATED CATHETER SECUREMENT AND LUER ACCESS DEVICE**
[54] **DISPOSITIF INTEGRE DE FIXATION DE CATHETER ET D'ACCES A UN SYSTEME LUER**
[72] BORNHOFT, STEPHEN, US
[73] BECTON, DICKINSON AND COMPANY,
[85] 2015-03-12
[86] 2013-09-10 (PCT/US2013/059052)
[87] (WO2014/043123)
[30] US (13/615,201) 2012-09-13

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[51] **Int.Cl. B60W 50/14 (2012.01) B60R 11/04 (2006.01) G08B 21/02 (2006.01)**
[25] EN
[54] **BACKWARD MOVEMENT INDICATOR APPARATUS FOR A VEHICLE**
[54] **APPAREIL INDICATEUR DE MOUVEMENT DE RECUL DESTINE A UN VEHICULE**
[72] HAMDAN, MAJED M., US
[72] PANDY, ANANDA, US
[73] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC,
[85] 2015-03-12
[86] 2013-03-20 (PCT/US2013/033076)
[87] (WO2014/042694)
[30] US (13/617,002) 2012-09-14

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[51] **Int.Cl. H02G 7/16 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR REMOVING MATERIAL FROM A POWER LINE WIRE**
[54] **PROCEDE ET DISPOSITIF POUR RETIRER UN MATERIAU D'UN FIL DE LIGNE DE PUISSANCE**
[72] JOKINEN, MARKO, FI
[73] GLOBAL BOILER WORKS OY,
[85] 2015-03-13
[86] 2013-09-20 (PCT/FI2013/050908)
[87] (WO2014/044915)
[30] FI (20125976) 2012-09-20

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[51] **Int.Cl. G10L 19/107 (2013.01)**
[25] EN
[54] **AN APPARATUS FOR ENCODING A SPEECH SIGNAL EMPLOYING ACELP IN THE AUTOCORRELATION DOMAIN**
[54] **APPAREIL POUR CODER UN SIGNAL DE PAROLE EMPLOYANT ACELP DANS LE DOMAINE D'AUTOCORRELATION**
[72] BACKSTROM, TOM, DE
[72] MULTRUS, MARKUS, DE
[72] FUCHS, GUILLAUME, DE
[72] HELMRICH, CHRISTIAN, DE
[72] DIETZ, MARTIN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.,
[85] 2015-04-01
[86] 2013-07-31 (PCT/EP2013/066074)
[87] (WO2014/053261)
[30] US (61/710,137) 2012-10-05

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[51] **Int.Cl. A01C 7/06 (2006.01) A01C 15/00 (2006.01) B65G 41/00 (2006.01)**
[25] EN
[54] **FILLING AIR SEEDER PRODUCT TANKS**
[54] **REMPLISSAGE DE RESERVOIRS DE PRODUIT DE SEMEUSE PNEUMATIQUE**
[72] BEAUJOT, NORBERT, CA
[72] KINCH, OWEN, CA
[72] OTTENBREIT, TIMOTHY, CA
[73] SEEDMASTER MANUFACTURING LTD.,
[86] (2888014)
[87] (2888014)
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[51] **Int.Cl. B65D 51/00 (2006.01)**
[25] EN
[54] **SEALING ARRANGEMENT AND CONTAINER ASSOCIATED WITH SAME**
[54] **ENSEMBLE D'ETANCHEITE ET RECIPIENT ASSOCIE A UN TEL ENSEMBLE**
[72] SPALLEK, MICHAEL, DE
[72] KOPPEL, KARL, DE
[73] KOCHER-PLASTIK MASCHINENBAU GMBH,
[85] 2015-04-17
[86] 2013-09-11 (PCT/EP2013/002730)
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[30] DE (10 2012 021 525.8) 2012-10-31

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[54] **COVERING DEVICE**
[54] **DISPOSITIF DE RECOUVREMENT**
[72] BACHMANN, BERNHARD, DE
[73] BACHMANN, BERNHARD,
[85] 2015-04-28
[86] 2013-11-07 (PCT/EP2013/003340)
[87] (WO2014/072050)
[30] DE (10 2012 021 924.5) 2012-11-09

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[25] EN
[54] **FASTBACK VORTICOR PIN**
[54] **TIGE A CANAUX CREUX ET PROFIL TRONQUE**
[72] ALLEN, JASON RANDOLPH, US
[72] BRIGGS, ROBERT DAVID, US
[72] BRAINCH, GULCHARAN SINGH, US
[72] STOVER, CURTIS WALTON, US
[73] GENERAL ELECTRIC COMPANY,
[86] (2891867)
[87] (2891867)
[22] 2015-05-21
[30] US (62/004,708) 2014-05-29

[11] **2,892,470**
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[51] **Int.Cl. H04L 12/803 (2013.01) H04W 28/08 (2009.01)**
[25] EN
[54] **COMMUNICATIONS BASE STATION WITH DECISION FUNCTION FOR DISTRIBUTING TRAFFIC ACROSS MULTIPLE BACKHAULS**
[54] **STATION DE BASE DE COMMUNICATION DOTEE D'UNE FONCTION DE DECISION POUR LA REPARTITION DU TRAFIC SUR PLUSIEURS LIAISONS TERRESTRES**
[72] RODDY, WARREN, US
[72] XU, HAIBO, US
[72] GELL, DAVID, US
[72] STANWOOD, KENNETH, US
[73] WI-LAN LABS, INC.,
[86] (2892470)
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[54] **MESOPOROUS ZEOLITE-Y HYDROCRACKING CATALYST AND ASSOCIATED HYDROCRACKING PROCESSES**
[54] **CATALYSEUR D'HYDROCRAQUAGE MESOPOREUX DE TYPE ZEOLITHE Y ET PROCEDES D'HYDROCRAQUAGE ASSOCIES**
[72] WU, JIANXIN JASON, US
[72] DANDEKAR, AJIT B., US
[72] OLIVERI, CHRISTOPHER G., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY,
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[54] **METHOD AND SYSTEM FOR UTILIZING MATERIALS OF DIFFERING THERMAL PROPERTIES TO INCREASE FURNACE RUN LENGTH**
[54] **METHODE ET SYSTEME D'UTILISATION DE MATERIAUX AYANT DES PROPRIETES THERMIQUES DIFFERENTES POUR AUGMENTER LA LONGUEUR DE PARCOURS D'UNE CHAUDIERE**
[72] YOUNG, BRUCE T., US
[72] MYSZKA, RONALD T., US
[73] FOSTER WHEELER USA CORPORATION,
[85] 2015-08-18
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[54] **HYBRID STEAM GENERATION WITH CARBON DIOXIDE RECYCLE**
[54] **GENERATION DE VAPEUR HYBRIDE AVEC RECYCLAGE DE DIOXYDE DE CARBONE**
[72] SCINTA, JAMES, US
[72] SEABA, JAMES, CA
[72] MACADAM, SCOTT, CA
[73] CONOCOPHILLIPS COMPANY,
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[54] **ROOT-PREFERRED PROMOTER AND METHODS OF USE**
[54] **PROMOTEUR PREFERE DES RACINES ET SES PROCEDES D'UTILISATION**
[72] CROW, ANDREW, US
[72] DIEHN, SCOTT, US
[72] PETERSON-BURCH, BROOKE, US
[73] PIONEER HI-BRED INTERNATIONAL, INC.,
[85] 2015-08-27
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[54] **SEALING ASSEMBLY TO FILL AND SEAL A RESERVOIR OF A DISPOSABLE GAS LIGHTER**
[54] **ENSEMBLE D'ETANCHEITE DESTINE A REMPLIR ET A TENIR DE FACON ETANCHE UN RESERVOIR D'UN BRIQUET A GAZ A USAGE UNIQUE**
[72] LEFEBVRE, GUY, FR
[72] LEFEBVRE, YANN, FR
[73] SOCIETE BIC,
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[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF CARBOXYHEMOGLOBINEMIA**
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE LA CARBOXYHEMOGLOBINEMIE**
[72] GLADWIN, MARK T., US
[72] TEJERO BRAVO, JESUS, US
[73] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATN,
[85] 2015-09-04
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[25] EN
[54] **CONTROLLER AND FLEXIBLE COILS FOR ADMINISTERING THERAPY, SUCH AS FOR CANCER THERAPY**
[54] **SYSTEME DE COMMANDE ET BOBINES SOUPLES POUR L'ADMINISTRATION D'UN TRAITEMENT, PAR EXEMPLE POUR LE TRAITEMENT DU CANCER**
[72] BUTTERS, JOHN T., US
[72] BUTTERS, BENNETT M., US
[72] AMMERMAN, MIKE, US
[72] CONWAY, SCOTT, US
[72] FISH, ROBERT, US
[72] HOOD, LARRY, US
[72] NATHANSON, JARED, US
[72] OBERKRAMER, KEVIN, US
[72] KUKULKA, KATHRYN, US
[72] MARCH, ANDREW, US
[73] NATIVIS, INC.,
[85] 2015-09-09
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[54] **TREATMENT OF SUBTERRANEAN FORMATIONS USING A COMPOSITION INCLUDING A LINEAR TRIBLOCK COPOLYMER AND INORGANIC PARTICLES**
[54] **TRAITEMENT DE FORMATIONS SOUTERRAINES A L'AIDE D'UNE COMPOSITION COMPRENANT UN COPOLYMERE LINEAIRE A TROIS BLOCS ET DES PARTICULES INORGANIQUES**
[72] LIVANEC, PHILIP WAYNE, US
[72] MILLER, MATTHEW LYNN, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2015-09-11
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[54] **LOW-PROFILE PROSTHETIC VALVE STRUCTURE**
[54] **STRUCTURE DE VALVE PROTHETIQUE AU PROFIL BAS**
[72] GAINOR, JOHN P., US
[73] HLT, INC.,
[85] 2015-09-15
[86] 2014-03-14 (PCT/US2014/028252)
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[54] **FLEXIBLE STORE FULFILLMENT**
[54] **EXECUTION DE MAGASIN FLEXIBLE**
[72] GRABOVSKI, VADIM, US
[72] VENABLE, LARRY CHRISTOPHER, US
[72] COLLIER, JOHN KEVIN, US
[73] WALMART APOLLO, LLC,
[85] 2015-09-15
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[54] **ELECTRICAL GENERATOR AND ELECTRIC MOTOR FOR DOWNHOLE DRILLING EQUIPMENT**
[54] **GENERATEUR ELECTRIQUE ET MOTEUR ELECTRIQUE POUR UN EQUIPEMENT DE FORAGE DE FOND**
[72] GAWSKI, VICTOR, GB
[72] SNYDER, JOHN KENNETH, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2015-10-06
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[54] **INTEGRATED HIGH THERMAL CONDUCTIVE FIBER AS COOLING FIN FOR SMA ACTUATOR WITH EXPANDABLE SLEEVE**
[54] **FIBRE A HAUTE CONDUCTIVITE THERMIQUE INTEGREE COMME AILETTE DE REFROIDISSEMENT POUR ACTIONNEUR SMA A MANCHON EXTENSIBLE**
[72] APDALHALIEM, SAHRUDINE, US
[72] SHOME, MOUSHUMI, US
[72] MEREDITH, KIMBERLY D., US
[72] ASHMAWI, WAEIL M., US
[72] SAFAI, MORTEZA, US
[72] CALKINS, FREDERICK T., US
[73] THE BOEING COMPANY,
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[54] **CHAIN SERVICE INDICATOR**
[54] **INDICATEUR DE SERVICE DE CHAINE**
[72] PARK, DO SEO, US
[73] PREMIER COIL SOLUTIONS, INC.,
[85] 2015-11-06
[86] 2014-05-08 (PCT/US2014/037367)
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[54] **SYSTEM AND METHODS FOR ENCRYPTING DATA**
[54] **SYSTEME ET PROCEDES DE CHIFFREMENT DE DONNEES**
[72] GILBERT, VINCENT LOGAN, US
[73] RISOFTDEV, INC.,
[85] 2015-12-08
[86] 2014-04-18 (PCT/US2014/034582)
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[54] **PROSTHETIC APPLIANCE KIT**
[54] **TROUSSE D'APPAREILS DE PROTHESE**
[72] BETTLES, STEPHEN, US
[73] BETTLES, STEPHEN,
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[25] EN
[54] **MIXED IMPEDANCE BOND WIRE CONNECTIONS AND METHOD OF MAKING THE SAME**
[54] **CONNEXIONS PAR FILS A IMPEDANCE MIXTE ET PROCEDE DE PRODUCTION CORRESPONDANT**
[72] CAHILL, SEAN S., US
[72] SANJUAN, ERIC A., US
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG,
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[54] **ADJUSTING NETWORK SERVICE LEVEL BASED ON USAGE**
[54] **AJUSTEMENT DE NIVEAU DE SERVICE RESEAU SUR LA BASE DE L'UTILISATION**
[72] SELLA, WILLIAM THOMAS, US
[72] CAPUTO, PETE JOSEPH, II, US
[72] SELLA, JAMES MICHAEL, US
[72] TEETS, HAROLD WAYNE, US
[72] EWERT, TRAVIS DUANE, US
[73] LEVEL 3 COMMUNICATIONS, LLC,
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[54] **REMOTE CONTROL APPLICATION FOR WIRELESS BOOSTER**
[54] **APPLICATION DE COMMANDE A DISTANCE POUR UN AMPLIFICATEUR SANS FIL**
[72] TERRY, SCOTT, US
[73] WILSON ELECTRONICS HOLDINGS LLC,
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[54] **HIGHER DENSITY POLYOLEFINS WITH IMPROVED STRESS CRACK RESISTANCE**
[54] **POLYOLEFINES A DENSITE SUPERIEURE PRESENTANT UNE MEILLEURE RESISTANCE A LA FISSURE SOUS CONTRAINTE**
[72] HLAVINKA, MARK L., US
[72] DING, ERRUN, US
[72] DESLAURIERS, PAUL J., US
[72] INN, YONGWOO, US
[72] CUI, LILI, US
[72] YANG, QING, US
[72] SUKHADIA, ASHISH M., US
[72] ST. JEAN, GUYLAINE, US
[72] BUCK, RICHARD M., US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP,
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[54] **ASSESSMENT OF THE PI3K CELLULAR SIGNALING PATHWAY ACTIVITY USING MATHEMATICAL MODELLING OF TARGET GENE EXPRESSION**
[54] **EVALUATION DE L'ACTIVITE DE LA VOIE DE SIGNALISATION CELLULAIRE DE PI3K A L'AIDE DE LA MODELISATION MATHEMATIQUE DE L'EXPRESSION DE GENES CIBLES**
[72] VAN OOIJEN, HENDRIK JAN, NL
[72] VERHAEGH, WILHELMUS FRANCISCUS JOHANNES, NL
[72] VAN DE STOLPE, ANJA, NL
[73] KONINKLIJKE PHILIPS N.V.,
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[54] **A SYSTEM AND METHOD OF CONTROL OF ELECTRONIC PARCEL LOCKERS**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE CASIERS DE COLIS ELECTRONIQUES**
[72] IRWIN, DONALD E., US
[72] MCKENZIE, NAN K., US
[72] TARTAL, WILLIAM A., US
[72] STEPHEN, VICTORIA K., US
[72] AMATO, MICHAEL J., US
[73] UNITED STATES POSTAL SERVICE,
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[87] (2923344)
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[51] **Int.Cl. E21B 37/00 (2006.01) E21B 37/06 (2006.01)**
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[54] **WELL APPARATUS AND METHOD FOR USE IN GAS PRODUCTION**
[54] **APPAREIL POUR PUITS ET SON PROCEDE D'UTILISATION DANS LA PRODUCTION DE GAZ**
[72] MAXWELL, DOUGLAS, GB
[73] VENTURE ENGINEERING SERVICES LIMITED,
[85] 2016-03-14
[86] 2014-09-17 (PCT/GB2014/052830)
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[51] **Int.Cl. H04L 12/02 (2006.01)**
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[54] **PROVISIONING DEDICATED NETWORK RESOURCES WITH API SERVICES**
[54] **FOURNITURE DE RESSOURCES RESEAU DEDIEES AVEC DES SERVICES API**
[72] CAPUTO, PETE JOSEPH, II, US
[72] RITCHIE, AUSTIN DAVID, US
[72] PREHMUS, ALAN WADE, US
[72] EWERT, TRAVIS DUANE, US
[72] TEETS, HAROLD WAYNE, US
[73] LEVEL 3 COMMUNICATIONS, LLC,
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[51] **Int.Cl. E21B 44/00 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **MEASURING CRITICAL SHEAR STRESS FOR MUD FILTERCAKE REMOVAL**
[54] **MESURE DE LA CONTRAINTE DE CISAILLEMENT CRITIQUE POUR PERMETTRE UN RETRAIT DE GATEAU DE FILTRATION DE BOUE**
[72] AHUJA, GOPAL NEVANDRAM, IN
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2016-04-15
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[25] EN
[54] **ORGANIC ACID COMPOSITIONS FOR USE IN THE OIL AND GAS INDUSTRY**
[54] **COMPOSITIONS D'ACIDE ORGANIQUES DESTINEES A UNE UTILISATION DANS L'INDUSTRIE DU PETROLE ET DU GAZ**
[72] PURDY, CLAY, CA
[72] THATCHER, DARREN, CA
[72] GARNER, JON, CA
[72] ULMER, BRUCE, CA
[72] JAMIESON, ALEXANDER DAVID, CA
[73] FLUID ENERGY GROUP LTD.,
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[51] **Int.Cl. C07D 493/04 (2006.01)**
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[54] **ENHANCED REGIO-SELECTIVITY IN GLYCOL ACYLATION**
[54] **REGIOSELECTIVITE AMELIOREE DANS L'ACYLATION DE GLYCOL**
[72] STENSRUD, KENNETH, US
[72] HAGBERG, ERIK, US
[72] ROCKAFELLOW, ERIN M., US
[73] ARCHER DANIELS MIDLAND COMPANY,
[85] 2016-05-31
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[51] **Int.Cl. G01B 11/245 (2006.01)**
[25] EN
[54] **STRUCTURED LIGHT MATCHING OF A SET OF CURVES FROM TWO CAMERAS**
[54] **MISE EN CORRESPONDANCE A LUMIERE STRUCTUREE D'UN ENSEMBLE DE COURBES PROVENANT DE DEUX APPAREILS DE PRISE DE VUES**
[72] TUBIC, DRAGAN, CA
[72] SOUCY, MARTIN, CA
[72] GIGNAC, OLIVIER, CA
[72] CARON, ANTOINE THOMAS, CA
[73] CREAFORM INC.,
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[25] EN
[54] **NON-CONCENTRIC PROTRUDING SHAFT FIXED BEARING RECIPROCATING IMPACT PART FOR IMPLEMENTING RECIPROCATING IMPACT NON-CONCENTRIC PROTRUDING SHAFT FIFIXED BEARING METHOD**
[54] **PIECE DE CHOC ALTERNATIF A PALIER FIXE D'ARBRE EN SAILLIE NON CONCENTRIQUE SERVANT A METTRE EN OEUVRE UNE METHODE DE CHOC ALTERNATIF DE PALIER FIXE D'ARBRE EN SAILLIE NON CONCENTRIQUE**
[72] LIU, SUHUA, CA
[73] LIU, SUHUA,
[85] 2016-07-29
[86] 2015-01-29 (PCT/CN2015/071782)
[87] (WO2015/113504)
[30] CN (201410042607.6) 2014-01-29
[30] CN (201410379365.X) 2014-08-01

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[13] C
[51] **Int.Cl. H04H 60/33 (2009.01) H04N 21/258 (2011.01) H04N 21/40 (2011.01)**
[25] EN
[54] **METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO ESTIMATE LOCAL MARKET AUDIENCES OF MEDIA CONTENT**
[54] **METHODES, DISPOSITIF ET ARTICLES DE FABRICATION POUR L'ESTIMATION DE L'ATTENTION DU PUBLIC AU CONTENU DE MEDIA A DES MARCHES LOCAUX**
[72] DOE, PETER CAMPBELL, US
[73] THE NIELSEN COMPANY (US), LLC,
[86] (2941723)
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[25] EN
[54] **APPARATUS AND METHOD FOR SCREEN RELATED AUDIO OBJECT REMAPPING**
[54] **APPAREIL ET PROCEDE POUR UN REMAPPAGE D'OBJET AUDIO ASSOCIE A UN ECRAN**
[72] FUEG, SIMONE, DE
[72] PLOGSTIES, JAN, DE
[72] DICK, SASCHA, DE
[72] HILPERT, JOHANNES, DE
[72] ROBILLIARD, JULIEN, DE
[72] KUNTZ, ACHIM, DE
[72] HOELZER, ANDREAS, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.,
[85] 2016-09-22
[86] 2015-03-25 (PCT/EP2015/056417)
[87] (WO2015/144766)
[30] EP (14161819.9) 2014-03-26
[30] EP (14196769.5) 2014-12-08

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[51] **Int.Cl. H04B 7/0456 (2017.01) H04W 88/08 (2009.01) H04B 7/0417 (2017.01)**
[25] EN
[54] **PRECODING MATRIX INDICATOR FEEDBACK METHOD, RECEIVING METHOD, AND APPARATUS**
[54] **PROCEDES ET APPAREILS DE RENVOI ET DE RECEPTION D'INDICATEUR DE MATRICE DE PRECODAGE**
[72] ZHANG, LEIMING, CN
[72] WU, QIANG, CN
[72] LIU, JIANGHUA, CN
[73] HUAWEI TECHNOLOGIES CO., LTD.,
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[54] **AMELIORATION DE LA CARACTERISATION DE RESERVOIR EN UTILISANT DES PARAMETRES D'EVOLUTION DE FRACTURE ET UN VOLUME DE RESERVOIR STIMULE EN TEMPS REEL**
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[54] **DISPOSITIF DE LAISSE DE DRESSAGE ET SON PROCEDE D'UTILISATION POUR DRESSER UN ANIMAL DOMESTIQUE**
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[54] **NOVEL CELL PENETRATING PEPTIDE, CONJUGATE THEREOF WITH BOTULINUM TOXIN, AND USE THEREOF**
[54] **NOUVEAU PEPTIDE PENETRANT UNE CELLULE, CONJUGUE ASSOCIE COMPORTANT LA TOXINE BOTULINUM ET UTILISATION ASSOCIEE**
[72] LEE, BYUNG KYU, KR
[72] LEE, KANG JIN, KR
[72] KIM, MINJOONG, KR
[72] PARK, HONGGYU, KR
[73] PROCELL THERAPEUTICS INC.,
[73] ATGC CO., LTD.,
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[54] **TIGE DE PISTON POUVANT ETRE FIXEE ET CONDITIONNEMENT ASSOCIE**
[72] HILLIARD, CHRISTOPHER TODD, US
[72] HOTTOVY, TRACY RAY, US
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[54] **ENSEMBLE DE CHAUFFAGE/SOUDAGE PAR INDUCTION HYBRIDE A DISTORSION REDUITE**
[72] JONES, JERALD EDWARD, US
[72] RHOADES, VALERIE LISA, US
[72] HOLVERSON, TODD EARL, US
[72] CUNEO, ADAM NATHAN, US
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[54] **NOUVEAUX COMPOSES DERIVES DE PYRIDOPYRIMIDINES**
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[73] BIOLAB SANUS FARMACEUTICA LTDA.,
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[54] **ATTENUATEUR DE BRUIT HYDROSONORE ET METHODE DE TRAITEMENT D'ATTENUATEUR DE BRUIT HYDROSONORE**
[72] ELMER, KARL-HEINZ, DE
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[54] **IMPLANTABLE MEDICAL DEVICES COMPRISING BIO-DEGRADABLE ALLOYS**
[54] **DISPOSITIFS MEDICAUX IMPLANTABLES COMPRENANT DES ALLIAGES BIODEGRADABLES**
[72] JANKO, GORDON F., US
[72] RADISCH, HERBERT R., US
[72] TROZERA, THOMAS A., US
[73] BIO DG, INC.,
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[54] **SYSTEME ET PROCEDE D'ABLATION LASER A BASE DE FLUORESCENCE**
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[72] WANG, CHIA-JEAN, US
[73] VERILY LIFE SCIENCES LLC,
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[54] **STRUCTURE D'ECLAIRAGE MULTICOUCHE SOUPLE**
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[54] **CAPTEUR DE RESISTIVITE DE MOLETTE**
[72] HAY, RICHARD THOMAS, US
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[54] **SYSTEMES ET PROCEDES DE FABRICATION DE FILAMENT CONTINU GONFLANT**
[72] CLARK, THOMAS R., US
[73] ALADDIN MANUFACTURING CORPORATION,
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[54] **ELEMENT DE DEVIATION A AILE SEGMENTEE**
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[73] GX TECHNOLOGY CANADA LTD.,
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[73] MOCHIDA PHARMACEUTICAL CO., LTD.,
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[54] **APPAREIL DE BRACHYTHERAPIE ET PROCEDES POUR SON UTILISATION**
[72] HERMANN, GEORGE D., US
[72] CHI SING, EDUARDO, US
[72] LEBOVIC, GAIL S., US
[72] COLE, MARK A., US
[72] RITCHART, MARK A., US
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[54] **SYSTEMS FOR DISTRIBUTING DATA OVER A COMPUTER NETWORK AND METHODS FOR ARRANGING NODES FOR DISTRIBUTION OF DATA OVER A COMPUTER NETWORK**
[54] **SYSTEMES DESTINES A DISTRIBUER DES DONNEES SUR UN RESEAU INFORMATIQUE ET PROCEDES DESTINES A AGENCER DES NOEUDS EN VUE D'UNE DISTRIBUTION DE DONNEES SUR UN RESEAU INFORMATIQUE**
[72] O'NEAL, MIKE, US
[72] TALTON, JOHN P., US
[73] NETWORK FOUNDATION TECHNOLOGIES, LLC,
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[54] **DISPOSITIF PROTHETIQUE DE STERNUM AVEC MANUBRIUM**
[72] FABRE, DOMINIQUE, FR
[72] FADEL, ELIE, FR
[72] MERCIER, OLAF, FR
[72] MOREAU, PATRICE, FR
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[54] **TRANSMITTER AND METHOD FOR GENERATING ADDITIONAL PARITY THEREOF**
[54] **EMETTEUR, ET PROCEDE DE GENERATION DE PARITE SUPPLEMENTAIRE CORRESPONDANT**
[72] KIM, KYUNG-JOONG, KR
[72] MYUNG, SE-HO, KR
[72] JEONG, HONG-SIL, KR
[73] SAMSUNG ELECTRONICS CO., LTD.,
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[54] **METHOD FOR TREATING CANCER BY COMBINED USE**
[54] **POLYTHERAPIE POUR TRAITER UN CANCER**
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[73] DAIICHI SANKYO COMPANY, LIMITED,
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[54] **TUBES DISSIPATEURS D'ENERGIE, DISPOSITIFS D'ETANCHEITE ET PROCEDES DE FABRICATION ET D'INSTALLATION ASSOCIES**
[72] DUQUETTE, SCOTT, US
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[54] **TRANSMITTER AND METHOD FOR GENERATING ADDITIONAL PARITY THEREOF**
[54] **EMETTEUR ET PROCEDE POUR GENERER UNE PARITE ADDITIONNELLE POUR CELUI-CI**
[72] JEONG, HONG-SIL, KR
[72] KIM, KYUNG-JOONG, KR
[72] MYUNG, SE-HO, KR
[73] SAMSUNG ELECTRONICS CO., LTD.,
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[54] **DISPOSITIF DE REFOULEMENT PNEUMATIQUE ET INSTALLATION DE DOSAGE AINSI QU'INSTALLATION DE SABLAGE COMPRENANT UNE POMPE A JET DE PRODUIT COULANT**
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[72] SCHNEIDER, ALBERT, AT
[73] KNORR-BREMSE GESELLSCHAFT MIT BESCHRANKTER HAFTUNG,
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[54] **HECTORITE SYNTHETIQUE DANS DES SUSPENSIONS DE PERLES DE VERRE**
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[72] HUNDT, GREGORY ROBERT, US
[72] MAXSON, JOSEPH KLEBER, US
[72] LUMSDEN, SIMONE ELIZABETH ASHLEY, US
[72] BRENNEIS, DARRELL CHAD, US
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[54] **SOLID PREPARATIONS OF [(1R,5S,6S)-6-(AMINOMETHYL)-3-ETHYLBICYCLO[3.2.0]HEPT-3-EN-6-YL]ACETIC ACID MONOBENZENESULFONATE STABILIZED BY CONTAINING A SPECIFIC ANTIOXIDANT, AND METHODSFOR PREPARING THE SAME**
[54] **PREPARATIONS SOLIDES DE MONOBENZENE SULFONATE D'ACIDE [(1R,5S,6S)(AMINOMETHYL)-3-ETHYLBICYCLO[3.2.0]HEPT-3-ENE-6-YL]ACETIQUE STABILISE PAR UN ANTIOXYDANT SPECIFIQUE, ET PROCEDE POUR LEUR PREPARATION**
[72] TAJIRI, SHINICHIRO, JP
[72] HISAZUMI, JIN, JP
[72] YOSHINAGA, SHINJI, JP
[72] FUJIMORI, HIROYUKI, JP
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[54] **DISPOSITIF BROSSE POUR ANIMAUX**
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[54] **WIRELESS COMMUNICATIONS SYSTEM, BASE STATION, MOBILE STATION, AND PROCESSING METHOD**
[54] **SYSTEME DE COMMUNICATION SANS FIL, STATION DE BASE, STATION MOBILE, ET PROCEDE DE TRAITEMENT**
[72] OHTA, YOSHIAKI, JP
[72] AIKAWA, SHINICHIRO, JP
[72] ODE, TAKAYOSHI, JP
[72] SUGA, JUNICHI, JP
[72] TAKECHI, RYUICHI, JP
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[54] **PROCEDE DE FABRICATION D'ENSEMBLE ELECTRODE-MEMBRANE**
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[72] BUSBY, F. COLIN, US
[73] W.L. GORE & ASSOCIATES, INC.,
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[54] **ENSEMBLE DE VANNES DE CIRCULATION A CYCLES MULTIPLES**
[72] MANKE, KEVIN R., US
[72] SCHULTZ, ROGER L., US
[73] THRU TUBING SOLUTIONS, INC.,
[85] 2017-10-23
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[54] **SUPPORT D'ARTICLES A LONGUEUR EXTENSIBLE**
[72] JOSHI, ANEET, CA
[73] HONDA MOTOR CO., LTD.,
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[54] **THERMOCOUPLE ACTIF MIS A LA TERRE ET PROCEDE DE FONCTIONNEMENT**
[72] REIMAN, JEFFREY, US
[72] ROHDE, JOHN P., US
[73] WATLOW ELECTRIC MANUFACTURING COMPANY,
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[54] **FIBER-REINFORCED PLASTIC PRODUCING DEVICE, MOVABLE STAGE, SHAPED FABRIC PRODUCING METHOD, AND FIBER-REINFORCED PLASTIC PRODUCING METHOD**
[54] **DISPOSITIF DE PRODUCTION DE PLASTIQUE RENFORCE PAR DES FIBRES, ETAGE MOBILE, PROCEDE DE PRODUCTION DE MATERIAU DE BASE DE FIBRE FORMEE, ET PROCEDE DE PRODUCTION DE PLASTIQUE RENFORCE PAR DES FIBRES**
[72] TOKUTOMI, HIROSHI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD.,
[85] 2017-11-14
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[25] EN
[54] **STEAMLESS HYDROCARBON PROCESSING (UPGRADING) FACILITY WITH MULTIPLE & INTEGRATED USES OF NON-CONDENSABLE GAS FOR HYDROCARBON PROCESSING**
[54] **INSTALLATION DE TRAITEMENT (VALORISATION) D'HYDROCARBURE TRANSPARENT OFFRANT PLUSIEURS USAGES INTEGRES DE GAZ NON CONDENSABLE DESTINE AU TRAITEMENT D'HYDROCARBURE**
[72] CORSCADDEN, TOM, CA
[72] GUFFEY, FRANK DAVID, US
[72] DIDUCH, GREG, CA
[72] REMESAT, DARIUS, CA
[72] KEARNS, JIM, CA
[73] MEG ENERGY CORP.,
[86] (2986515)
[87] (2986515)
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[54] **MULTIFUNCTIONAL SOLAR ENERGY SYSTEM**
[54] **SYSTEME D'ENERGIE SOLAIRE MULTIFONCTIONNEL**
[72] HU, XIAOPING, CN
[73] BOLY MEDIA COMMUNICATIONS (SHENZHEN) CO., LTD.,
[85] 2017-11-28
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[54] **GROUNDING STRUCTURE OF OPTICAL FIBER CABLE**
[54] **STRUCTURE DE MISE A LA TERRE DE CABLE DE FIBRES OPTIQUES**
[72] AGATA, KATSUSHI, JP
[72] MOMOTSU, NORIHIRO, JP
[73] FUJIKURA LTD.,
[86] (2989877)
[87] (2989877)
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[25] EN
[54] **HIGH-STRENGTH AND EASILY FORMABLE ALMG-STRIP, AND METHOD FOR PRODUCING THE SAME**
[54] **BANDE ALMG A HAUTE RESISTANCE AISEMENT FACONNABLE ET PROCEDE DE PRODUCTION DE CELLE-CI**
[72] ENGLER, OLAF, DE
[72] BRINKMAN, HENK-JAN, DE
[73] HYDRO ALUMINIUM ROLLED PRODUCTS GMBH,
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[25] EN
[54] **CART APPARATUSES WITH OPERABLE STEPS**
[54] **APPAREILLAGES DE CHARIOT A MARCHES FONCTIONNELLES**
[72] FINSTAD, CLEMANCE BERNARD, US
[73] CANNON EQUIPMENT LLC,
[86] (2990682)
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[54] **MOBILE CHAMBER APPARATUSES AND RELATED METHODS**
[54] **APPAREILS DE CHAMBRE MOBILE ET PROCEDES ASSOCIES**
[72] SALAPATEK, ANNE MARIE, CA
[72] SALAPATEK, RONALD STEVEN, CA
[72] PATEL, PIYUSH RANCHODBHAI, CA
[73] INFLAMAX RESEARCH LIMITED,
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[54] **INCREASING EFFICIENCY IN AN LNG PRODUCTION SYSTEM BY PRE-COOLING A NATURAL GAS FEED STREAM**
[54] **AUGMENTATION DE L'EFFICACITE DANS UN SYSTEME DE PRODUCTION DE GNL PAR PRE-REFROIDISSEMENT D'UN FLUX D'ALIMENTATION EN GAZ NATUREL**
[72] PIERRE, FRITZ, US
[72] GUPTE, PARAG A., US
[72] HUNTINGTON, RICHARD A., US
[72] DENTON, ROBERT D., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY,
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[54] **SYSTEM AND METHODS FOR THE PRODUCTION OF LIQUEFIED NITROGEN GAS USING LIQUEFIED NATURAL GAS**
[54] **SYSTEME ET PROCEDES DESTINES A LA PRODUCTION D'AZOTE GAZEUX LIQUEFIE AU MOYEN DE GAZ NATUREL LIQUEFIE**
[72] PIERE, FRITZ, JR., US
[72] GUPTE, PARAG A., US
[72] HUNTINGTON, RICHARD A., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY,
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[54] **CONNECTEUR ET SYSTEME DE SOUTIEN DE PANNEAUX DE PLACAGE**
[72] HATZINIKOLAS, MICHAEL, CA
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[54] **RELEASABLE COUPLING SYSTEM**
[54] **SYSTEME D'ACCOUPLEMENT LIBERABLE**
[72] GARZA MONTEMAYOR, JOSE GUADALUPE, MX
[72] GARZA MONTEMAYOR, JORGE EUGENIO, MX
[73] GARZA MONTEMAYOR, JOSE GUADALUPE,
[73] GARZA MONTEMAYOR, JORGE EUGENIO,
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[54] **INVERTER DEVICE AND OUTDOOR UNIT OF HEAT PUMP DEVICE**
[54] **DISPOSITIF INVERSEUR ET MODULE EXTERIEUR DE DISPOSITIF DE THERMOPOMPE**
[72] YAGI, SATOSHI, JP
[72] HIRAHARA, KAZUYA, JP
[72] OSHIMI, DAISUKE, JP
[73] DAIKIN INDUSTRIES, LTD.,
[86] (2993969)
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[25] EN
[54] **DUAL CHAMBER SYRINGE WITH RETRACTABLE NEEDLE**
[54] **SERINGUE A DOUBLE COMPARTIMENT COMPRENANT UNE AIGUILLE RETRACTABLE**
[72] ZIVKOVIC, IVAN, US
[72] HAGER, JORGEN, SE
[72] HANDBERG, ULF, SE
[72] HANNER, GERT, SE
[72] WAHLBERG, ULF, SE
[72] HOLMA, THOMAS, SE
[73] BECTON, DICKINSON AND COMPANY,
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[25] EN
[54] **PASS THROUGH CONVECTION OVEN**
[54] **FOUR A CONVECTION A PASSAGE**
[72] DENG, ERIC, US
[72] MASON, MICHAEL D., US
[72] MOY, CHRIS, US
[73] HESTAN COMMERCIAL CORPORATION,
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[54] **PROCESS FOR MAKING BERAPROST**
[54] **PROCEDE DE PREPARATION DE BERAPROST**
[72] BATRA, HITESH, US
[72] GUO, LIANG, US
[73] UNITED THERAPEUTICS CORPORATION,
[85] 2018-02-09
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[54] **IV ANTICOAGULANT TREATMENT SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT ANTICOAGULANTS POUR PERFUSION INTRAVEINEUSE**
[72] MA, YIPING, US
[72] TAI, JEFF, US
[73] BECTON, DICKINSON AND COMPANY,
[85] 2018-02-13
[86] 2016-08-31 (PCT/US2016/049698)
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[54] **CANNABIDIOL EXTRACTION AND CONVERSION PROCESS**
[54] **PROCEDE D'EXTRACTION ET DE CONVERSION DE CANNABIDIOL**
[72] KELLER, RAYMOND M., US
[73] CLS LABS, INC.,
[86] (2996909)
[87] (2996909)
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[25] EN
[54] **STIRRING MEMBER, STIRRING ROD ARRANGEMENT AS WELL AS TRANSPORT AND STORAGE CONTAINER FOR LIQUIDS HAVING A STIRRING MEMBER ARRANGEMENT**
[54] **ELEMENT DE BRASSAGE, DISPOSITION DE TIGE DE BRASSAGE AINSI QUE CONTENANT DE TRANSPORT ET ENTREPOSAGE DE LIQUIDES COMPORTANT UNE DISPOSITION DE TIGE DE BRASSAGE**
[72] BLOMER, PETER, DE
[72] BUSCH, CARSTEN, DE
[73] PROTECHNA S.A.,
[85] 2018-03-05
[86] 2016-08-11 (PCT/EP2016/069116)
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[54] **ARRANGEMENT FOR TRANSFERRING FLUID TO GUIDE BAR OF CHAIN SAW**
[54] **AGENCEMENT PERMETTANT DE TRANSFERER UN FLUIDE VERS UNE BARRE DE GUIDAGE DE SCIE A CHAINE**
[72] KOHIO, TONI, FI
[73] PONSSE OYJ,
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[54] **A STORAGE AND RETRIEVAL METHOD AND SYSTEM**
[54] **UNE METHODE ET UN SYSTEME DE STOCKAGE ET EXTRACTION**
[72] KOMIYAMA, MASAKAZU, JP
[73] NS SOLUTIONS CORPORATION,
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[54] **RECIPIENT A PRESSION VARIABLE**
[72] KARAMANEV, DIMITRE, CA
[73] ISOCURRENT ENERGY INCORPORATED,
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[25] EN
[54] **BONE CEMENT APPLICATOR WITH LINE ELEMENT AND CLOSURE RECEPTACLE**
[54] **APPLICATEUR DE CIMENT ORTHOPEDIQUE DOTE D'UN ELEMENT EN LIGNE ET D'UN RECIPIENT DE FERMETURE**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[73] HERAEUS MEDICAL GMBH,
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[25] EN
[54] **SAFETY CAP ASSEMBLY AND A PRESSURE COOKER PROVIDED THEREWITH**
[54] **ASSEMBLAGE DE CAPUCHON DE SECURITE ET AUTOCUISEUR COMPORTANT LEDIT ASSEMBLAGE**
[72] HASEGAWA, TOM HIROSHI, US
[73] HASEGAWA, TOM HIROSHI,
[86] (3005537)
[87] (3005537)
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[25] EN
[54] **HYDRAULIC TOOLS INCLUDING REMOVABLE COATINGS, DRILLING SYSTEMS, AND METHODS OF MAKING AND USING HYDRAULIC TOOLS**
[54] **OUTILS HYDRAULIQUES COMPRENANT DES REVETEMENTS AMOVIBLES, SYSTEMES DE FORAGE ET PROCEDES DE FABRICATION ET D'UTILISATION D'OUTILS HYDRAULIQUES**
[72] BLAKE, CHRISTOPHER W., DE
[72] VOSS, CARSTEN, DE
[73] BAKER HUGHES, A GE COMPANY, LLC,
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[54] **WINDOW SHADE**
[54] **STORE DE FENETRE**
[72] HUANG, CHIN-TIEN, TW
[72] HUANG, CHIEN-IAN, TW
[73] TEH YOR CO., LTD.,
[85] 2018-06-18
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[30] US (62/351,352) 2016-06-17

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[54] **CELL STRUCTURE UNIT AND MULTILAYER CELL**
[54] **UNITE DE STRUCTURE CELLULAIRE ET CELLULE MULTICOUCHE**
[72] IWAO, GOUICHI, JP
[72] KIKUTA, MAKOTO, JP
[72] SANO, MASAMI, JP
[73] KABUSHIKI KAISHA NIHON MICRONICS,
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[54] **INTELLIGENT WATERING SYSTEM**
[54] **SYSTEME INTELLIGENT D'ARROSAGE**
[72] GUNGL, JOHANNES, DE
[72] SOOR, FLORIAN, DE
[72] SCHNURLE, HORST, DE
[72] BOLLIGER, PHILIPP, CH
[73] HUSQVARNA AB,
[85] 2018-07-30
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[54] **SPACECRAFT ACTUATOR WHEEL WITH INTEGRATED BATTERY AND FUEL STORAGE**
[54] **ROUE D'ACTIONNEUR D'ENGIN SPATIAL A PILES ET DISPOSITIF DE STOCKAGE DE CARBURANT INTEGRES**
[72] JAEGER, TALBOT, US
[73] NOVAWURKS, INC.,
[85] 2018-07-31
[86] 2016-02-10 (PCT/US2016/017342)
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[25] EN
[54] **DYNAMIC CONFIGURATION OF A FLEXIBLE ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING PHY TRANSPORT DATA FRAME**
[54] **CONFIGURATION DYNAMIQUE D'UNE TRAME FLEXIBLE DE DONNEES DE TRANSPORT/PHY A MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE**
[72] SIMON, MICHAEL J., US
[72] EARNSHAW, MARK, CA
[72] SHELBY, KEVIN A., US
[73] ONE MEDIA, LLC,
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[54] **TEATCUP LINER**
[54] **DOUBLURE DE GOBELET-TRAYEUR**
[72] CHOWDHURY, MOFAZZAL H., US
[73] CHOWDHURY, MOFAZZAL H.,
[86] (3018109)
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[22] 2011-07-11
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[25] EN
[54] **DMF METHOD AND SYSTEM FOR CONCENTRATING ANALYTE FROM LARGE VOLUMES INTO SMALLER VOLUMES USING MAGNETIC MICROPARTICLES**
[54] **PROCEDE ET SYSTEME DMF PERMETTANT DE CONCENTRER UN ANALYTE A PARTIR DE GRANDS VOLUMES EN VOLUMES PLUS PETITS A L'AIDE DE MICROPARTICULES MAGNETIQUES**
[72] RACKUS, DARIUS GEORGE, CH
[72] WHEELER, AARON RAY, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO,
[85] 2018-09-27
[86] 2017-03-31 (PCT/CA2017/050399)
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[25] EN
[54] **HIGH ACTIVITY ALLOY-BASED ELECTRODE CATALYST, AND MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL USING HIGH ACTIVITY ALLOY-BASED ELECTRODE CATALYST**
[54] **CATALYSEUR A ELECTRODE A HAUTE ACTIVITE A BASE D'ALLIAGE, ET ASSEMBLAGE D'ELECTRODE MEMBRANAIRE ET PILE A COMBUSTIBLE EMPLOYANT LE CATALYSEUR A ELECTRODE A HAUTE ACTIVITE A BASE D'ALLIAGE**
[72] SUZUE, YOSHINORI, JP
[72] ARIHARA, KAZUKI, JP
[72] MASHIO, TETSUYA, JP
[72] TANAKA, HIROYUKI, JP
[72] HAYAKAWA, KATSUICHIRO, JP
[72] MATSUTANI, KOICHI, JP
[72] NAKAJIMA, HITOSHI, JP
[73] NISSAN MOTOR CO., LTD.,
[73] TANAKA KIKINZOKU KOGYO K.K.,
[73] NIPPON STEEL CHEMICAL & MATERIAL CO., LTD.,
[85] 2018-10-18
[86] 2017-04-06 (PCT/JP2017/014415)
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[54] **APPARATUS FOR NUCLEAR MAGNETIC RESONANCE THERAPY**
[54] **DISPOSITIF DE THERAPIE PAR RESONANCE MAGNETIQUE NUCLEAIRE**
[72] MUNTERMANN, AXEL, DE
[73] MUNTERMANN, AXEL,
[85] 2018-11-07
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[54] **FISH SLAUGHTER DEVICE AND TRIGGER DEVICE CONFIGURED FOR SAME**
[54] **DISPOSITIF D'ABATTAGE DES POISSONS ET DISPOSITIF DECLENCHEUR CONCU A CET EFFET**
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[54] **WHEEL BRACKET FOR DEHUMIDIFIER**
[54] **SUPPORT DE ROUE DE DESHUMIDIFICATEUR**
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[72] DINGLE, STEVEN S., US
[72] DEMONTE, TODD R., US
[73] THERMA-STOR LLC,
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[54] **DISPOSITIF D'EXERCICE**
[72] SANSEVERINO, JOSEPH, US
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[54] **METHODS OF GENERATING COMPRESSION GARMENT MEASUREMENT INFORMATION FOR A PATIENT BODY PART AND FITTING PRE-FABRICATED COMPRESSION GARMENTS THERETO**
[54] **METHODES DE PRODUCTION D'INFORMATION DE MESURE DE VETEMENT DE COMPRESSION SUR UNE PARTIE DU CORPS D'UN PARENT ET ADAPTATION DE VETEMENTS DE COMPRESSION PREFABRIQUES**
[72] WEILER, MICHAEL J., US
[72] FRANK, NATHAN DANIEL, US
[73] LYMPHATECH, INC.,
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[54] **DISPOSITIF DE CONFINEMENT DE FLUIDE**
[72] MCKECHNIE, KRIS, CA
[73] 2C ENVIRO INC.,
[86] (3033434)
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[54] **PROCEDURE D'ACTIVATION POUR DES RESEAUX SANS FIL A FAIBLE RAYONNEMENT**
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[54] **PROCEDE ET DISPOSITIF D'ASSISTANCE AU STATIONNEMENT**
[72] TANIGUCHI, YOHEI, JP
[72] HAYAKAWA, YASUHISA, JP
[72] SUZUKI, YASUHIRO, JP
[72] YAMAGUCHI, ICHIRO, JP
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[25] EN
[54] **PULSED EDDY CURRENT CASING INSPECTION TOOL**
[54] **OUTIL D'INSPECTION DE TUBAGE A COURANT DE FOUCAULT PULSE**
[72] ZHANG, JUN, US
[73] PROBE TECHNOLOGY SERVICES, INC.,
[85] 2019-03-14
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[54] **HOSE CART**
[54] **DEVIDOIR MOBILE**
[72] FREY, REINER, DE
[72] MULLER-BRAUN, MATTHIAS, DE
[72] SCHLEGEL, TOBIAS, DE
[73] HUSQVARNA AB,
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[54] **NICKEL POWDER MANUFACTURING METHOD**
[54] **PROCEDE DE FABRICATION DE POUDRE DE NICKEL**
[72] TAKAISHI, KAZUYUKI, JP
[72] OZAKI, YOSHITOMO, JP
[72] HEGURI, SHIN-ICHI, JP
[72] YAMAGUMA, RYO-MA, JP
[72] DOI, YASUO, JP
[73] SUMITOMO METAL MINING CO., LTD.,
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[25] EN
[54] **PYRIDONE COMPOUND AS C-MET INHIBITOR**
[54] **COMPOSE DE PYRIDONE EN TANT QU'INHIBITEUR DE C-MET**
[72] XU, XIONGBIN, CN
[72] LI, GANG, CN
[72] DING, CHARLES Z., CN
[72] HU, LIHONG, CN
[72] HU, GUOPING, CN
[72] LI, JIAN, CN
[72] CHEN, SHUHUI, CN
[72] CHI, ZHIGANG, CN
[72] WANG, KUN, CN
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[54] **WELDED MEMBER AND METHOD FOR MANUFACTURING SAME**
[54] **ELEMENT SOUDE ET SON PROCEDE DE FABRICATION**
[72] HOSOMI, KAZUAKI, JP
[72] NOBUTOKI, TOMOKAZU, JP
[72] NAKAKO, TAKEFUMI, JP
[73] NIPPON STEEL NISSHIN CO., LTD.,
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[54] **SYSTEMS AND METHODS FOR SETTING AN EXTREME-RANGE ANCHOR WITHIN A WELLBORE**
[54] **SYSTEMES ET PROCEDES DE REGLAGE D'UNE ANCRE A PORTEE EXTREME A L'INTERIEUR D'UN PUITS DE FORAGE**
[72] ROBERTSON, MICHAEL C., US
[72] GRATTAN, ANTONY F., US
[72] STREIBICH, DOUGLAS J., US
[72] HUGGINS, CORY L., US
[73] ROBERTSON INTELLECTUAL PROPERTIES, LLC,
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[54] **INFORMATION PROCESSING DEVICE, SYSTEM, INFORMATION PROCESSING METHOD, AND STORAGE MEDIUM**
[54] **DISPOSITIF DE TRAITEMENT D'INFORMATIONS, SYSTEME, PROCEDE DE TRAITEMENT D'INFORMATIONS, ET SUPPORT DE STOCKAGE**
[72] KOMIYAMA, MASAKAZU, JP
[73] NS SOLUTIONS CORPORATION,
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[54] **SYSTEM FOR PEER-TO-PEER, SELF-DIRECTED OR CONSENSUS HUMAN MOTION CAPTURE, MOTION CHARACTERIZATION, AND SOFTWARE-AUGMENTED MOTION EVALUATION**
[54] **SYSTEME DE CAPTURE DE MOUVEMENT HUMAIN, DE CARACTERISATION DE MOUVEMENT, ET D'EVALUATION DE MOUVEMENT AUGMENTEE PAR LOGICIEL PAR PAIRS, AUTO-APPRENTISSAGE OU CONSENSUS**
[72] KATZ, LARRY, CA
[73] SAVVY KNOWLEDGE CORPORATION,
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[54] **AUTOMATIC LIQUID WASTE RESERVOIR LEVEL CONTROL**
[54] **COMMANDE AUTOMATIQUE DE NIVEAU DE RESERVOIR DE DECHETS LIQUIDES**
[72] CURTIS, MICAH A., US
[73] MUSTANG SAMPLING, LLC,
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[25] EN
[54] **WELDED MEMBER**
[54] **ELEMENT SOUDE**
[72] HOSOMI, KAZUAKI, JP
[72] NOBUTOKI, TOMOKAZU, JP
[72] NAKAKO, TAKEFUMI, JP
[73] NIPPON STEEL NISSHIN CO., LTD.,
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[54] **CENTRE D'ALIMENTATION PIVOTANT POUR UNE SURFACE DE TRAVAIL**
[72] BYRNE, NORMAN R., US
[72] MITCHELL, MARC A., US
[72] PATE, RANDELL E., US
[73] BYRNE, NORMAN R.,
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[54] **SUN-AIR INDOOR/OUTDOOR CLOTHES DRYING CABINET**
[54] **ARMOIRE DE SECHAGE DE VETEMENTS AU SOLEIL ET A L`AIR, INTERIEUR/EXTERIEUR**
[72] UNKNOWN, XX
[71] WIEBE, ILENE, CA
[71] WIEBE, MARK, CA
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[54] **PORTABLE HUNTING SHACK**
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[72] MCLEOD, JAMES A., CA
[71] MCLEOD, JAMES A., CA
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[25] EN
[54] **QUICK CONNECT ONE HAND OPERATION BUCKLE**
[54] **BOUCLE A RACCORD RAPIDE ACTIONNE D'UNE MAIN**
[72] BEDFORD, MURRAY R., CA
[71] BEDFORD, MURRAY R., CA
[22] 2018-06-01
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[54] **INTERACTIVE SHOPPING AND METHOD FOR MAKING CUSTOMIZED SLIME TOY**
[54] **ACHATS INTERACTIFS ET METHODE DE FABRICATION D'UN JOUET VISQUEUX PERSONNALISE**
[72] ING-GILBERT, LINDA, CA
[72] GILBERT, ADAM, CA
[72] GILBERT, ERIC, CA
[72] GILBERT, JULIETTE, CA
[71] ING-GILBERT, LINDA, CA
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[72] ROGERS, PETER, CN
[71] AT-PAC CHINA BUSINESS TRUST, LU
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[25] EN
[54] **SAFETY LADDER SYSTEM FOR WATER-BORNE VESSELS**
[54] **SYSTEME D'ECHELLE DE SECURITE DESTINE AUX BATEAUX**
[72] ASPREY, JEFFREY, CA
[71] ASPREY, JEFFREY, CA
[22] 2018-06-04
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[51] **Int.Cl. F16L 55/46 (2006.01)**
[25] EN
[54] **PIPELINE PIG RETRIEVAL SYSTEM**
[54] **SYSTEME D`ENLEVEMENT DE RACLEUR DE PIPELINE**
[72] DUKE, MARVIN, CA
[72] DUKE, TERRY, CA
[71] DUKE, MARVIN, CA
[71] DUKE, TERRY, CA
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[54] **SYSTEM AND METHOD FOR CREATING ANIMATED GREETING CARDS**
[54] **SYSTEME ET METHODE DE CREATION DE CARTES DE SOUHAITS ANIMEES**
[72] FILKOV, GUENNADI, CA
[72] ROBERTS, OLGA, CA
[72] FILKOV, OLEG, RU
[71] FILKOV, GUENNADI, CA
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[72] COYLE, SEAN PLUNKETT, GB
[71] MASONRY SUPPORT SYSTEMS LIMITED, GB
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[25] EN
[54] **CURLING SHOE - STABILIZATION DEVICE FOR TRAILING FOOT**
[54] **CHAUSSURE DE CURLING - DISPOSITIF DE STABILISATION DU PIED A LA TRAINE**
[72] CARTER, DAVID B., CA
[71] CARTER, DAVID B., CA
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[54] **DUAL PATH ROBOTIC DERRICK AND METHODS APPLICABLE IN WELL DRILLING**
[54] **DERRICK ROBOTIQUE A DOUBLE PARCOURS ET METHODES APPLICABLES AU FORAGE DE PUITS**
[72] JORGIC, VLADIMIR, CA
[72] VRACAR, JOVAN, CA
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[54] **NOZZLE GAS FLOW SENSOR**
[54] **DETECTEUR DE FLUX DE GAZ DE BUSE**
[72] RICE, JODY, CA
[71] NASARC TECHNOLOGIES INC., CA
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[25] FR
[54] **DISTILLATION PROCESS FOR WHEY**
[54] **PROCEDE DE DISTILLATION DU LACTOSERUM**
[72] INCONNU, XX
[71] DUFOUR, MAURICE AGR., CA
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[54] **INTEROPERABILITE AVEC L'EMBARQUEMENT DE NIVEAU AODA-ADA**
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[54] **MODULAR WALKWAY SYSTEM**
[54] **SYSTEME DE PASSERELLE MODULAIRE**
[72] SMART, DYLAN, CA
[71] SMART, DYLAN, CA
[22] 2018-06-05
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[13] A1
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[25] EN
[54] **AUTOMATED SECURED PACKAGE DELIVERY SYSTEM WITH SIMULTANEOUS CONFIRMATION TO PURCHASER AND SHIPPER**
[54] **SYSTEME DE DISTRIBUTION D'EMBALLAGE SECURISE AUTOMATISE OFFRANT LA CONFIRMATION SIMULTANEE A L'ACHETEUR ET A L'EXPEDITEUR**
[72] BROW, GEORGES RAYMOND, CA
[71] BROW, GEORGES RAYMOND, CA
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[25] EN
[54] **VIAREA TRANSPORT SYSTEM**
[54] **SYSTEME DE TRANSPORT VIAREA**
[72] WOODS, TIMOTHY J., CA
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[22] 2018-06-04
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[51] **Int.Cl. B42D 25/45 (2014.01) B42D 25/30 (2014.01) B42D 25/405 (2014.01) G06K 19/00 (2006.01)**
[25] EN
[54] **METHOD FOR MAKING A SECURITY DOCUMENT COMPRISING A THERMOSPLASTIC SUBSTRATE AND UV-CURED IMAGE AND SECURITY DOCUMENT FORMED THEREBY**
[54] **METHODE DE FABRICATION D'UN DOCUMENT DE SECURITE COMPORTANT UN SUBSTRAT THERMOPLASTIQUE ET UNE IMAGE DURCIE AUX UV ET DOCUMENT DE SECURITE AINSI FORME**
[72] SUZZARINI, LAURENCE, CA
[72] CRUIKSHANK, DAVID, CA
[72] THURAILINGAM, THIVAHARAN, CA
[71] CANADIAN BANK NOTE COMPANY, LIMITED, CA
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[25] EN
[54] **DEVICE FOR DETECTING HAZARDOUS, VOLATILE SUBSTANCES**
[54] **DISPOSITIF DE DETECTION DE SUBSTANCES VOLATILES DANGEREUSES**
[72] BROUGHAM, RAY, CA
[72] LENT, BRIAN, CA
[71] RAINHOUSE MANUFACTURING CANADA LTD., CA
[22] 2018-06-04
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[54] **PREPARATION DE CATALYSEUR ZIEGLER-NATTA SANS FILTRE HORS LIGNE**
[72] WANG, QINYAN, CA
[72] KALMA, HOLLY, CA
[72] CLAPSON, MARISSA, CA
[72] ZORICAK, PETER, CA
[72] VANASSELDONK, LAWRENCE, CA
[72] BROWN, STEPHEN, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2018-06-06
[41] 2019-12-06

[21] **3,007,398**
[13] A1
[51] **Int.Cl. F16M 11/04 (2006.01) B62D 65/10 (2006.01) B66F 5/00 (2006.01)**
[25] EN
[54] **STAND HEAD ASSEMBLY**
[54] **ASSEMBLAGE DE TETE DE SUPPORT**
[72] MILEKOVIC, PETER, AU
[71] MILEKOVIC, PETER, AU
[22] 2018-06-06
[41] 2019-12-06

[21] **3,007,404**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/12 (2012.01) H04W 4/021 (2018.01) H04W 4/80 (2018.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INTERACTING WITH CLIENTS IN AN ESTABLISHMENT**
[54] **SYSTEME ET METHODE D'INTERACTION AVEC DES CLIENTS DANS UN ETABLISSEMENT**
[72] KEWALRAMANI, IMAN K., CA
[71] KEWALRAMANI, IMAN K., CA
[22] 2018-06-06
[41] 2019-12-06

[21] **3,007,523**
[13] A1
[51] **Int.Cl. A63B 69/00 (2006.01) A61N 5/06 (2006.01) A63B 21/02 (2006.01) A63B 24/00 (2006.01) A61H 33/06 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR HIGH INTENSITY TRAINING USING FAR INFRARED HEAT**
[54] **UN SYSTEME ET UNE METHODE D'ENTRAINEMENT HAUTE INTENSITE EMPLOYANT LA CHALEUR INFRAROUGE**
[72] SAVIDIS, JOHN, CA
[71] SAVIDIS, JOHN, CA
[22] 2018-06-07
[41] 2019-12-07

[21] **3,007,534**
[13] A1
[51] **Int.Cl. A47J 27/58 (2006.01)**
[25] EN
[54] **COOKING POT WITH BOIL-OVER PROTECTION**
[54] **CASSEROLE DOTEE DE PROTECTION CONTRE LE DEVERSEMENT ATTRIBUABLE A L'EBULLITION**
[72] PRITCHARD, IRENE, CA
[71] PRITCHARD, IRENE, CA
[22] 2018-06-07
[41] 2019-12-07

[21] **3,007,546**
[13] A1
[51] **Int.Cl. H01R 4/38 (2006.01) H01R 4/26 (2006.01)**
[25] EN
[54] **ELECTRICAL CONNECTOR**
[54] **CONNECTEUR ELECTRIQUE**
[72] RABY, ROLAND-DOMINIQUE, CA
[71] RABYCONNECTINC., CA
[22] 2018-06-07
[41] 2019-12-07

[21] **3,007,547**
[13] A1
[51] **Int.Cl. G06F 7/00 (2006.01) G06N 3/02 (2006.01)**
[25] EN
[54] **UNSUPERVISED CLASSIFICATION OF DOCUMENTS USING A LABELED DATA SET OF OTHER DOCUMENTS**
[54] **CLASSEMENT NON SUPERVISE DE DOCUMENTS AU MOYEN D'UN ENSEMBLE DE DONNEES ETIQUETEES D'AUTRES DOCUMENTS**
[72] BOQUET, THOMAS, CA
[72] DUPLESSIS, FRANCIS, CA
[71] ELEMENT AI INC., CA
[22] 2018-06-07
[41] 2019-12-07

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[13] A1
[51] **Int.Cl. F16M 13/02 (2006.01) H04B 1/3888 (2015.01) A45C 11/24 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR HOLDING A PORTABLE ELECTRONIC DEVICE**
[54] **UN APPAREIL SERVANT A TENIR UN DISPOSITIF ELECTRONIQUE PORTATIF**
[72] FURSHMAN, MICHAEL, US
[72] FINE, SETH, US
[71] FURSHMAN, MICHAEL, US
[71] FINE, SETH, US
[22] 2018-06-07
[41] 2019-12-07

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[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01)**
[25] EN
[54] **PROCESS FOR SEPARATING SOLVENT FROM SPENT OIL SAND SOLIDS USING SUPERHEATED STEAM**
[54] **PROCEDE DE SEPARATION DE SOLVANT DES SOLIDES DE SABLES BITUMINEUX USES AU MOYEN DE VAPEUR SURCHAUFFEE**
[72] WU, XIN ALEX, CA
[71] SYNCRUDE CANADA LTD., CA
[22] 2018-06-07
[41] 2019-12-07

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[51] **Int.Cl. F28D 21/00 (2006.01) F24H 1/44 (2006.01) F28F 23/00 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER AND METHOD**
[54] **ECHANGEUR THERMIQUE ET METHODE**
[72] GRAMLICH, ALLEN, CA
[71] ARG GROUP INC., CA
[22] 2018-06-07
[41] 2019-12-07

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[13] A1
[51] **Int.Cl. B25H 3/00 (2006.01)**
[25] EN
[54] **TOOL CLAMPING ASSSEMBLY**
[54] **ASSEMBLAGE DE SERRAGE D'OUTIL**
[72] KAO, JUI-CHIEN, CN
[71] KAO, JUI-CHIEN, CN
[22] 2018-06-07
[41] 2019-12-07

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[13] A1
[51] **Int.Cl. A61K 9/50 (2006.01)**
[25] EN
[54] **PH-SENSING MICROENCAPSULATION SYSTEM**
[54] **SYSTEME DE MICROENCAPSULATION DETECTANT LE PH**
[72] MONTEMAGNO, CARLO, CA
[72] CHOI, HYO-JICK, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[41] 2019-12-07

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[13] A1
[51] **Int.Cl. A61G 1/04 (2006.01) A61G 1/00 (2006.01) A61G 7/053 (2006.01)**
[25] EN
[54] **STEP SYSTEM FOR PATIENT STRETCHER**
[54] **SYSTEME DE MARCHE DESTINE A UNE CIVIERE**
[72] LAZARO-CAETANO, JOSEPHINE, CA
[71] LAZARO-CAETANO, JOSEPHINE, CA
[22] 2018-06-07
[41] 2019-12-06
[30] US (16001876) 2018-06-06

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[51] **Int.Cl. B64F 5/40 (2017.01) B64F 5/60 (2017.01) B08B 9/027 (2006.01) B64D 13/00 (2006.01) G01N 1/24 (2006.01)**
[25] EN
[54] **AIR QUALITY PRESERVATION SYSTEM FOR PRESSURIZED AIRCRAFTS**
[54] **SYSTEME DE PRESERVATION DE LA QUALITE DE L`AIR POUR AERONEFS PRESSURISES**
[72] CADIEUX, DANIEL, CA
[71] PROP-AIR AVIATION SOLUTION INC., CA
[22] 2018-06-07
[41] 2019-12-07

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[13] A1
[51] **Int.Cl. F03B 13/00 (2006.01) B63B 22/00 (2006.01) E02B 9/00 (2006.01) F03B 17/06 (2006.01)**
[25] EN
[54] **A MULTI-FUNCTIONAL BALLASTED BUOYANT LOW SPEED TURBINE BASED DEVICE**
[54] **UN DISPOSITIF MULTIFONCTIONNEL FLOTTANT LESTE FONDE SUR UNE TURBINE BASSE VITESSE**
[72] VOWLES, GERALD J., CA
[71] VOWLES, GERALD J., CA
[22] 2018-06-07
[41] 2019-12-07

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[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) G06F 3/0481 (2013.01) H04W 4/30 (2018.01) G16Z 99/00 (2019.01) A47K 3/00 (2006.01) A61H 33/00 (2006.01) E04H 4/00 (2006.01) G05B 19/042 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **A METHOD, SYSTEM, COMPUTER PROGRAM PRODUCT AND DEVICE FOR FACILITATING CENTRALIZED CONTROL AND MONITORING OVER A NETWORK OF A SET OF REMOTE BATHING UNIT SYSTEMS**
[54] **UNE METHODE, UN SYSTEME, UN PRODUIT DE PROGRAMME INFORMATIQUE ET UN DISPOSITIF SERVANT A FACILITER LE CONTROLE CENTRALISE ET LA SURVEILLANCE SUR UN RESEAU D'UN ENSEMBLE DE SYSTEMES DE MODULE DE BAIN A DISTANCE**
[72] LAFLAMME, BENOIT, CA
[71] GECKO ALLIANCE GROUP INC., CA
[22] 2018-06-07
[41] 2019-12-07

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[13] A1
[51] **Int.Cl. G09B 23/18 (2006.01)**
[25] EN
[54] **LENZ' LAW DEMONSTRATION DEVICE**
[54] **DISPOSITIF DE DEMONSTRATION DE LA LOI DE LENZ**
[72] SCOTT, KEN, CA
[71] SCOTT, KEN, CA
[22] 2018-06-08
[41] 2019-12-07
[30] US (16003011) 2018-06-07

[21] **3,011,645**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/31 (2013.01) H04L 9/30 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CONTROLLING ACCESS TO A PROTECTED RESOURCE**
[54] **METHODES ET SYSTEMES DE CONTROLE D'ACCES A UNE RESSOURCE PROTEGEE**
[72] DUNJIC, MILOS, CA
[72] NGUYEN, ANTHONY HAITUYEN, CA
[72] LIU, YUBING, CA
[72] CHOW, ARTHUR CARROLL, CA
[72] THAKE, RICHARD JOHN FREDERICK, CA
[72] DOYLE, CASEY LYN, CA
[72] WANG, MENGFEI, CA
[72] HUDALI, AARON ASHISH, CA
[72] KLIEWER, GREGORY ALBERT, CA
[72] LOZON, MARTIN ALBERT, CA
[72] DIAZ, YUSBEL GARCIA, CA
[72] DALY, GARETH, CA
[72] KOBAYASHI, MASASHI, CA
[72] BAST, RANDALL JOHN, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2018-07-18
[41] 2019-12-05
[30] US (16/000,086) 2018-06-05

[21] **3,012,775**
[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01) B01D 21/01 (2006.01)**
[25] EN
[54] **METHOD AND TREATMENT SYSTEM FOR TREATING MINERAL OR OIL SANDS TAILINGS**
[54] **METHODE ET SYSTEME DE TRAITEMENT SERVANT A TRAITER DES RESIDUS DE MINERAUX OU DE SABLES BITUMINEUX**
[72] FENDERSON, THOMAS, US
[72] PELAEZ, MIGUEL, US
[72] MAASEN, IGAL, US
[72] LUO, YUPING, US
[71] KEMIRA OYJ, FI
[22] 2018-07-27
[41] 2019-12-01
[30] US (15/995,180) 2018-06-01

[21] **3,018,492**
[13] A1
[51] **Int.Cl. G02B 21/36 (2006.01) G02B 21/06 (2006.01) G02B 21/26 (2006.01)**
[25] EN
[54] **FULLY AUTOMATIC MICROSCOPIC SCANNER**
[54] **SCANNEUR MICROSCOPIQUE ENTIEREMENT AUTOMATIQUE**
[72] LI, XINYU, CN
[71] LI, XINYU, CN
[22] 2018-09-25
[41] 2019-12-07
[30] US (16/037,178) 2018-07-12
[30] CN (PCT/CN2018/090292) 2018-06-07

[21] **3,019,027**
[13] A1
[51] **Int.Cl. E04D 1/34 (2006.01) E04D 1/12 (2006.01) E04D 1/36 (2006.01) E04D 15/02 (2006.01) E04G 23/02 (2006.01)**
[25] EN
[54] **A ONE-PIECE AND TWO-PIECE SHINGLE REPAIR PATCH**
[54] **UNE PIECE DE REPARATION DE BARDEAU EN UNE PARTIE ET EN DEUX PARTIES**
[72] MATHIESON, THOMAS R., US
[71] MATHIESON, THOMAS R., US
[22] 2018-09-27
[41] 2019-12-07
[30] US (16/002,544) 2018-06-07

[21] **3,019,031**
[13] A1
[51] **Int.Cl. E04D 1/30 (2006.01) E04D 1/12 (2006.01)**
[25] EN
[54] **A ONE-PIECE SHINGLE REPAIR PATCH**
[54] **UNE PIECE DE REPARATION DE BARDEAU EN UNE PARTIE**
[72] MATHIESON, THOMAS R., US
[71] MATHIESON, THOMAS R., US
[22] 2018-09-27
[41] 2019-12-07
[30] US (16/002,501) 2018-06-07

[21] **3,019,727**
[13] A1
[51] **Int.Cl. B02C 18/24 (2006.01) A47J 42/26 (2006.01) A47J 42/46 (2006.01) B02C 18/22 (2006.01) B27L 11/00 (2006.01)**
[25] EN
[54] **FLYWHEEL AND PADDLE ASSEMBLY FOR A CHIPPING OR SHREDDING APPARATUS, AND AN APPARATUS INCORPORATING SAME**
[54] **ENSEMBLE DE VOLANT ET PALETTE DESTINE A UN APPAREIL DE DECHIQUETAGE ET UN APPAREIL COMPORTANT LEDIT ENSEMBLE**
[72] BRAMLEY, NEIL K., CA
[72] MALCOLM, JOSHUA J., CA
[71] WOODLAND MILLS INC., CA
[22] 2018-10-03
[41] 2019-12-05

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) F21K 9/23 (2016.01) F21K 9/65 (2016.01) F21V 23/04 (2006.01)**
[25] EN
[54] **LIGHT EMITTING DIODE (LED) LIGHTING DEVICE OR LAMP WITH CONFIGURABLE LIGHT QUALITIES**
[54] **LAMPE OU DISPOSITIF D'ECLAIRAGE A DIODE ELECTROLUMINESCENTE AYANT DES QUALITES D'ECLAIRAGE CONFIGURABLES**
[72] HALLIWELL, BRIAN, US
[71] FEIT ELECTRIC COMPANY, INC., US
[22] 2018-10-22
[41] 2019-12-06
[30] US (16/001,260) 2018-06-06

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[13] A1
[51] **Int.Cl. G01R 31/00 (2006.01) G09G 5/12 (2006.01)**
[25] EN
[54] **HEALTH MONITORING DEVICE AND LARGE AREA DISPLAY INCLUDING THE SAME**
[54] **DISPOSITIF DE SURVEILLANCE DE LA SANTE ET AFFICHEUR GRAND FORMAT COMPORTANT LEDIT DISPOSITIF**
[72] HWANG, BYEUNG CHANG, KR
[71] COTS TECHNOLOGY CO., LTD., KR
[22] 2018-10-23
[41] 2019-12-07
[30] KR (10-2018-0065455) 2018-06-07

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[13] A1
[51] **Int.Cl. A63G 31/00 (2006.01) A62B 35/00 (2006.01)**
[25] EN
[54] **CONTINUOUS SAFETY OR BELAY SYSTEM**
[54] **SYSTEME DE SECURITE OU TOURNAGE EN CONTINU**
[72] WESTON, MARK, US
[72] MARINAKIS, ANTHONY, CA
[72] BRIGGS, RICK, US
[72] MACDOUGALL, GREG, CA
[72] FRANKOWSKI, HYUMA, CA
[71] WHITEWATER WEST INDUSTRIES LTD., CA
[22] 2018-11-13
[41] 2019-12-01
[30] CA (16/030,427) 2018-07-09
[30] US (15/996,359) 2018-06-01

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[13] A1
[51] **Int.Cl. B65D 43/18 (2006.01) B65D 1/16 (2006.01) B65D 53/02 (2006.01)**
[25] EN
[54] **CUPS AND CONTAINERS WITH A LIVING HINGE AND SLEEVES**
[54] **GOBELETS ET CONTENANT COMPORTANT UNE CHARNIERE ACTIVE ET DES MANCHONS**
[72] TOBIAS, GLENN, US
[71] CLARITY, INC., US
[22] 2018-11-23
[41] 2019-12-06
[30] US (16/001,785) 2018-06-06

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[21] **3,031,280**
[13] A1
[51] **Int.Cl. E01B 35/12 (2006.01) E01B 35/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR GATHERING DATA FROM SENSORS ORIENTED AT AN OBLIQUE ANGLE RELATIVE TO A RAILWAY TRACK**
[54] **APPAREIL ET METHODE DE COLLECTE DE DONNEES DE CAPTEURS ORIENTES A UN ANGLE OBLIQUE PAR RAPPORT A UNE VOIE DE CHEMIN DE FER**
[72] MESHER, DAREL, CA
[71] TETRA TECH, INC., US
[22] 2019-01-24
[41] 2019-12-01
[30] US (62/679,467) 2018-06-01
[30] US (16/127,956) 2018-09-11

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[13] A1
[51] **Int.Cl. E02F 3/627 (2006.01) E02F 3/96 (2006.01)**
[25] EN
[54] **LATCHING ARRANGEMENT FOR COUPLING A FRONT LOADER TO A WORK VEHICLE**
[54] **ARRANGEMENT DE VERROUILLAGE SERVANT AU RACCORDEMENT D'UNE CHARGEUSE FRONTALE A UN VEHICULE DE TRAVAIL**
[72] FAIVRE, DAMIEN, DE
[72] VILLARREAL, DIEGO, MX
[71] DEERE & COMPANY, US
[22] 2019-03-15
[41] 2019-12-01
[30] US (15/996,278) 2018-06-01

[21] **3,037,038**
[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) H02J 3/00 (2006.01) H01F 27/08 (2006.01)**
[25] EN
[54] **TRANSFORMER POWER MANAGEMENT CONTROLLERS AND TRANSFORMER POWER MANAGEMENT METHODS**
[54] **CONTROLEURS DE GESTION DE PUISSANCE DE TRANSFORMATEUR ET METHODE DE GESTION DE PUISSANCE DE TRANSFORMATEUR**
[72] PRATT, RICHARD M., US
[72] KINTNER-MEYER, MICHAEL C.W., US
[71] BATTELLE MEMORIAL INSTITUTE, US
[22] 2019-03-18
[41] 2019-12-06
[30] US (16/001,465) 2018-06-06

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[13] A1
[51] **Int.Cl. A01D 47/00 (2006.01) A01D 41/06 (2006.01) A01D 45/02 (2006.01)**
[25] EN
[54] **SINGLE TOP BEAM FOLDING CORN HEAD MAINFRAME**
[54] **STRUCTURE PRINCIPALE DE BEC CUEILLEUR A MAIS PLIANT A MONTANT SUPERIEUR SIMPLE**
[72] BRAET, ANDREW J., US
[72] SILVER, DENNIS P., US
[72] KREHBIEL, NATHAN E., US
[72] ACHARYA, SHANTANU, IN
[71] DEERE & COMPANY, US
[22] 2019-04-04
[41] 2019-12-05
[30] US (16/000,030) 2018-06-05

[21] **3,039,700**
[13] A1
[51] **Int.Cl. G01S 19/49 (2010.01) G01C 21/16 (2006.01)**
[25] EN
[54] **RELATIVE POSITION NAVIGATION SYSTEM FOR MULTIPLE MOVING VEHICLES**
[54] **SYSTEME DE NAVIGATION DE POSITION RELATIVE DESTINE A PLUSIEURS VEHICULES EN MOUVEMENT**
[72] BOBYE, MICHAEL, CA
[71] NOVATEL INC., CA
[22] 2019-04-09
[41] 2019-12-05
[30] US (16/000,463) 2018-06-05

[21] **3,040,141**
[13] A1
[51] **Int.Cl. A01C 7/04 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SEED METER SINGULATOR**
[54] **SEPARATEUR DE DOSEUR DE SEMENCE**
[72] GARNER, ELIJAH B., US
[72] WOLFS, BETH A., US
[72] BORKGREN, STANLEY R., US
[72] DHOBALE, DNYANESH, IN
[71] DEERE & COMPANY, US
[22] 2019-04-12
[41] 2019-12-01
[30] US (15/995,548) 2018-06-01

[21] **3,040,318**
[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **METERING MEMBER AND METHOD OF MOUNTING THE SAME**
[54] **ELEMENT DOSEUR ET METHODE D'INSTALLATION DUDIT ELEMENT**
[72] GARNER, ELIJAH B., US
[72] BORKGREN, STANLEY R., US
[71] DEERE & COMPANY, US
[22] 2019-04-15
[41] 2019-12-01
[30] US (15/995,541) 2018-06-01

[21] **3,040,322**
[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SEAL FOR A SEED METERING SYSTEM**
[54] **JOINT DESTINE A UN SYSTEME DE DOSAGE DE SEMENCE**
[72] GARNER, ELIJAH B., US
[72] WOLFS, BETH A., US
[72] DHOBALE, DNYANESH, IN
[71] DEERE & COMPANY, US
[22] 2019-04-15
[41] 2019-12-01
[30] US (15/995,556) 2018-06-01

[21] **3,040,556**
[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SEED METER AND METHOD OF MOUNTING THE SAME**
[54] **DOSEUR DE SEMENCE ET METHODE D'INSTALLATION DUDIT DOSEUR**
[72] GARNER, ELIJAH B., US
[72] BORKGREN, STANLEY R., US
[71] DEERE & COMPANY, US
[22] 2019-04-17
[41] 2019-12-01
[30] US (15/995,565) 2018-06-01

[21] **3,040,748**
[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **SEED METER DISK**
[54] **DISQUE DE DOSEUR DE SEMENCE**
[72] GARNER, ELIJAH B., US
[72] WOLFS, BETH A., US
[71] DEERE & COMPANY, US
[22] 2019-04-18
[41] 2019-12-01
[30] US (15/995,566) 2018-06-01

[21] **3,041,146**
[13] A1
[51] **Int.Cl. A01B 51/00 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **TOOL-FREE COUPLING STRUCTURE IN AGRICULTURAL MACHINES**
[54] **STRUCTURE DE RACCORD SANS OUTIL DANS LES MACHINES AGRICOLES**
[72] GARNER, ELIJAH B., US
[72] DHOBALE, DNYANESH, IN
[71] DEERE & COMPANY, US
[22] 2019-04-25
[41] 2019-12-01
[30] US (15/995,569) 2018-06-01

[21] **3,041,209**
[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01) G01F 15/00 (2006.01)**
[25] EN
[54] **SEED SENSOR**
[54] **DETECTEUR DE SEMENCE**
[72] GARNER, ELIJAH B., US
[72] BORKGREN, STANLEY R., US
[72] WOLFS, BETH A., US
[71] DEERE & COMPANY, US
[22] 2019-04-25
[41] 2019-12-01
[30] US (15/995,561) 2018-06-01

[21] **3,041,229**
[13] A1
[51] **Int.Cl. E04F 15/024 (2006.01) E04F 15/02 (2006.01) E04F 15/18 (2006.01) E04F 15/22 (2006.01)**
[25] EN
[54] **SUPPORT FOR RAISED FLOORS**
[54] **SUPPORT DE PLANCHERS SURELEVES**
[72] BORDIN, DENNIS, IT
[71] PROGRESS PROFILES SPA, IT
[22] 2019-04-24
[41] 2019-12-05
[30] IT (10 2018 000006024) 2018-06-05

[21] **3,041,262**
[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR LIMITING RAIN INGRESS**
[54] **METHODES ET DISPOSITIFS DE LIMITATION DE L'ENTREE DE LA PLUIE**
[72] GARNER, ELIJAH B., US
[72] BORKGREN, STANLEY R., US
[72] DHOBALE, DNYANESH, US
[72] WOLFS, BETH A., US
[71] DEERE & COMPANY, US
[22] 2019-04-25
[41] 2019-12-01
[30] US (15/995,567) 2018-06-01

[21] **3,041,466**
[13] A1
[51] **Int.Cl. A62B 18/08 (2006.01) H04R 1/08 (2006.01)**
[25] EN
[54] **SPEECH DIAPHRAGM MODULE FOR A RESPIRATOR MASK**
[54] **MODULE DE MEMBRANE PHONIQUE DESTINE A UN MASQUE RESPIRATOIRE**
[72] FERRY, CHRISTOPHER ANDREW, GB
[71] AVON POLYMER PRODUCTS LIMITED, GB
[22] 2019-04-29
[41] 2019-12-01
[30] GB (1808993.8) 2018-06-01

[21] **3,042,482**
[13] A1
[51] **Int.Cl. F16H 25/20 (2006.01) E05F 15/611 (2015.01) F16B 7/10 (2006.01) F16C 7/06 (2006.01) B64D 29/08 (2006.01)**
[25] EN
[54] **DUAL MODE ACTUATOR**
[54] **ACTIONNEUR A DOUBLE MODE**
[72] BURGHDOFF, MICHAEL J., US
[72] ESTES, REX E., US
[71] THE BOEING COMPANY, US
[22] 2019-05-07
[41] 2019-12-05
[30] US (16/000112) 2018-06-05

[21] **3,042,652**
[13] A1
[51] **Int.Cl. B23P 15/26 (2006.01) B23K 31/02 (2006.01) B23K 37/04 (2006.01)**
[25] EN
[54] **METHOD OF WELDING CONDUIT COMPONENTS OF A HEAT EXCHANGER AND BACKING DEVICE THEREFORE**
[54] **METHODE DE SOUDAGE DE COMPOSANTES DE CONDUIT D'UN ECHANGEUR THERMIQUE ET DISPOSITIF D'APPUI ASSOCIE**
[72] FOURNIER, JEAN, CA
[72] PANERO, SAMUEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2019-05-07
[41] 2019-12-05
[30] US (16/000,430) 2018-06-05

[21] **3,042,662**
[13] A1
[51] **Int.Cl. B64D 11/06 (2006.01) B60N 2/90 (2018.01) B61D 33/00 (2006.01) B64D 45/00 (2006.01) G01D 21/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF DETERMINING A SEAT BACK STATUS OF A PASSENGER SEAT IN A VEHICLE**
[54] **SYSTEME ET METHODE DE DETERMINATION D'UN ETAT DE DOSSIER DE SIEGE D'UN SIEGE PASSAGER DANS UN VEHICULE**
[72] NICKS, ERIC LEE, US
[71] THE BOEING COMPANY, US
[22] 2019-05-07
[41] 2019-12-01
[30] US (15/995235) 2018-06-01

[21] **3,042,791**
[13] A1
[51] **Int.Cl. F16M 13/02 (2006.01) B25B 5/04 (2006.01) B25B 5/10 (2006.01) F16B 2/10 (2006.01)**
[25] EN
[54] **POLE CLAMP**
[54] **PINCE DE POTEAU**
[72] HERMANN, CARL, US
[72] CAYWOOD, RONALD JESSE, US
[71] GCX CORPORATION, US
[22] 2019-05-09
[41] 2019-12-06
[30] US (16/001,583) 2018-06-06

[21] **3,042,805**
[13] A1
[51] **Int.Cl. H04W 12/10 (2009.01) H04W 4/12 (2009.01) H04W 12/06 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REDUCED V2X RECEIVER PROCESSING LOAD USING CERTIFICATES**
[54] **METHODE ET SYSTEME DE TRAITEMENT DE RECEPTEUR V2X A CHARGE REDUITE AU MOYEN DE CERTIFICATS**
[72] BARRETT, STEPHEN JOHN, CA
[72] GOYO, JOHN OCTAVIUS, CA
[72] LEPP, JAMES RANDOLPH WINTER, CA
[71] BLACKBERRY LIMITED, CA
[22] 2019-05-09
[41] 2019-12-06
[30] US (16/001,600) 2018-06-06

[21] **3,042,809**
[13] A1
[51] **Int.Cl. B61C 15/04 (2006.01) B61C 15/14 (2006.01)**
[25] EN
[54] **TRACTION SYSTEM FOR RAILCAR MOVERS**
[54] **SYSTEME DE TRACTION DESTINE A DES TRACTEURS DE MANOEUVRE DE WAGONS**
[72] BLOUIN, MICHAEL TERRENCE, US
[72] NOYES, ANDREW MARCUS, US
[72] CAMPBELL, LEE WILLIAMS, US
[72] FRANK, JOEL WESLEY, US
[72] SLOCOMBE, ERIC JOHN, US
[71] NORDCO INC., US
[22] 2019-05-09
[41] 2019-12-06
[30] US (62/681,248) 2018-06-06
[30] US (16/395,394) 2019-04-26

[21] **3,042,893**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **AUTOMATED SECURED PACKAGE DELIVERY SYSTEM WITH SIMULTANEOUS CONFIRMATION TO PURCHASER AND SHIPPER**
[54] **SYSTEME DE DISTRIBUTION D'EMBALLAGE SECURISE AUTOMATISE OFFRANT LA CONFIRMATION SIMULTANEE A L'ACHETEUR ET A L'EXPEDITEUR**
[72] BROW, GEORGES RAYMOND, CA
[71] BROW, GEORGES RAYMOND, CA
[22] 2019-05-10
[41] 2019-12-05
[30] CA (3,007,249) 2018-06-05

[21] **3,042,903**
[13] A1
[51] **Int.Cl. F17C 13/04 (2006.01) F16K 11/10 (2006.01) F16K 24/04 (2006.01) F16K 31/46 (2006.01)**
[25] EN
[54] **DEVICE FOR SUPPLYING PRESSURIZED FLUID**
[54] **DISPOSITIF DE FOURNITURE DE FLUIDE SOUS PRESSION**
[72] PAOLI, HERVE, FR
[72] FRENAL, ANTOINE, FR
[72] MULLER, DENIS, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCES GEORGES CLAUDE, FR
[22] 2019-05-09
[41] 2019-12-04
[30] FR (1854815) 2018-06-04

[21] **3,043,374**
[13] A1
[51] **Int.Cl. B01D 33/067 (2006.01)**
[25] EN
[54] **FILTER DRUM FOR A VACUUM AND/OR PRESSURE FILTRATION DEVICE**
[54] **TAMBOUR DE FILTRE DESTINE A UN DISPOSITIF DE FILTRE A ASPIRATION OU A PRESSION**
[72] KNOBLOCH, WOLFGANG, DE
[72] SCHERER, DIETER, DE
[71] ANDRITZ KMPT GMBH, DE
[22] 2019-05-15
[41] 2019-12-05
[30] EP (18175971.3) 2018-06-05
[30] US (16/126,129) 2018-09-10

[21] **3,043,415**
[13] A1
[51] **Int.Cl. E01H 1/05 (2006.01) E01H 5/09 (2006.01)**
[25] EN
[54] **ROTARY BROOM WITH SNOW AND ICE REMOVAL SYSTEM**
[54] **BALAI ROTATIF COMPORTANT UN SYSTEME D'ENLEVEMENT DE NEIGE ET DE GLACE**
[72] KASIM, RIKOS A., US
[72] TADYSAK, TED N., US
[71] ALAMO GROUP INC., US
[22] 2019-05-14
[41] 2019-12-04
[30] US (15/996.911) 2018-06-04

[21] **3,043,785**
[13] A1
[51] **Int.Cl. B25B 13/46 (2006.01)**
[25] EN
[54] **REVERSING LEVER**
[54] **LEVIER INVERSEUR**
[72] THOMPSON, CHRISTOPHER D., US
[71] SNAP-ON INCORPORATED, US
[22] 2019-05-17
[41] 2019-12-07
[30] US (16/002,234) 2018-06-07

[21] **3,043,957**
[13] A1
[51] **Int.Cl. F16B 25/00 (2006.01) E04F 13/21 (2006.01) F16B 33/02 (2006.01)**
[25] EN
[54] **FACADE PANEL SCREW AND FASTENING ARRANGEMENT HEREIN**
[54] **VIS DE PANNEAU DE FACADE ET ARRANGEMENT DE FIXATION INTEGRAL**
[72] MAIR, ROLAND, AT
[72] BACHMANN, OLIVER, CH
[72] ANDERSAG, MARKUS, AT
[71] SFS INTEC HOLDING AG, CH
[22] 2019-05-21
[41] 2019-12-04
[30] EP (18175689.1) 2018-06-04

[21] **3,044,002**
[13] A1
[51] **Int.Cl. B60F 5/00 (2006.01) B60K 11/04 (2006.01) B62D 25/12 (2006.01)**
[25] EN
[54] **ALL-TERRAIN VEHICLE**
[54] **VEHICULE TOUT-TERRAIN**
[72] FISCHER, BURTON D., US
[72] BARBREY, WILLIAM L., US
[71] POLARIS INDUSTRIES INC., US
[22] 2019-05-22
[41] 2019-12-05
[30] US (16/000395) 2018-06-05

[21] **3,044,010**
[13] A1
[51] **Int.Cl. F25B 40/00 (2006.01) F25B 41/00 (2006.01)**
[25] EN
[54] **COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT**
[72] ZHA, SHITONG, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2019-05-22
[41] 2019-12-05
[30] US (16/000,067) 2018-06-05

[21] **3,044,224**
[13] A1
[51] **Int.Cl. F24F 7/02 (2006.01) E04D 1/30 (2006.01) E04D 3/40 (2006.01) E04D 13/17 (2006.01)**
[25] EN
[54] **RIDGE VENT FOR USE ON A ROOF RIDGE**
[54] **EVENT DE FAITE DESTINE A UN FAITE DE TOIT**
[72] HASCHER, LORI, US
[72] MATHIS, JAMES, US
[72] WINGFIELD, ALLAN, US
[71] LOW & BONAR INC., US
[22] 2019-05-23
[41] 2019-12-05
[30] US (16/000,456) 2018-06-05

[21] **3,044,301**
[13] A1
[51] **Int.Cl. G08B 13/196 (2006.01) H04W 4/30 (2018.01) H04W 4/90 (2018.01) H04N 7/18 (2006.01)**
[25] EN
[54] **SECURITY SYSTEM**
[54] **SYSTEME DE SECURITE**
[72] NAKAMURA, KAZUTO, JP
[71] NAKAMURA, KAZUTO, JP
[22] 2019-05-27
[41] 2019-12-05
[30] JP (2018-107739) 2018-06-05
[30] JP (2018247020) 2018-12-28

[21] **3,044,317**
[13] A1
[51] **Int.Cl. F17C 7/04 (2006.01) F02C 3/22 (2006.01) F02C 7/22 (2006.01) F17C 13/00 (2006.01)**
[25] EN
[54] **GAS SUPPLY SYSTEM**
[54] **SYSTEME D'APPROVISIONNEMENT DE GAZ**
[72] KANEI, NAOFUMI, JP
[72] NAGURA, KENJI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[22] 2019-05-24
[41] 2019-12-01
[30] JP (2018-106142) 2018-06-01

[21] **3,044,444**
[13] A1
[51] **Int.Cl. E21B 47/01 (2012.01) E21B 47/00 (2012.01)**
[25] EN
[54] **INSTRUMENTED WELLBORE CABLE AND SENSOR DEPLOYMENT SYSTEM ANS METHOD**
[54] **SYSTEME ET METHODE DE DEPLOIEMENT DE CABLE DE TROU DE FORAGE ET DE CAPTEUR EQUIPE D'INSTRUMENT**
[72] MCCOY, BRIAN KELLY, US
[71] TOUCHROCK, INC., US
[22] 2019-05-28
[41] 2019-12-04
[30] US (15/997,013) 2018-06-04

[21] **3,044,460**
[13] A1
[51] **Int.Cl. B65D 85/30 (2006.01) B65D 61/00 (2006.01) B65D 81/07 (2006.01)**
[25] EN
[54] **SYSTEM FOR TRANSPORTING FRAGILE OBJECTS**
[54] **SYSTEME DE TRANSPORT D'OBJETS FRAGILES**
[72] KRONKRIGHT, DALE PAUL, US
[72] PADILLA, ALEX, US
[72] WITT, PATRICIA, US
[71] THE SUPPORTING ORGANIZATION FOR THE GEORGIA O'KEEFFE MUSEUM, US
[22] 2019-05-28
[41] 2019-12-01
[30] US (15/995,476) 2018-06-01

[21] **3,044,472**
[13] A1
[51] **Int.Cl. F04B 39/00 (2006.01) F04B 15/00 (2006.01) F04B 39/12 (2006.01) F17D 1/07 (2006.01)**
[25] EN
[54] **COMPRESSION DEVICE**
[54] **DISPOSITIF DE COMPRESSION**
[72] HASHIMOTO, KOICHIRO, JP
[72] KANEI, NAOFUMI, JP
[72] WASHIO, TAKUYA, JP
[72] WADA, DAISUKE, JP
[72] MORI, RYOSUKE, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[22] 2019-05-27
[41] 2019-12-06
[30] JP (2018-108771) 2018-06-06

[21] **3,044,476**
[13] A1
[51] **Int.Cl. B64C 25/10 (2006.01) F16L 3/015 (2006.01)**
[25] FR
[54] **AIRCRAFT LANDING GEAR EQUIPPED WITH THE MEANS FOR ROUTING CABLES AND PIPES**
[54] **ATTERISSEUR D'AERONEF MUNI DE MOYENS DE ROUTAGE DE CABLES ET TUYAUX**
[72] PIZANA, PIERRE, FR
[72] SERIGNAC, YVAIN, FR
[71] SAFRAN LANDING SYSTEMS, FR
[22] 2019-05-27
[41] 2019-12-04
[30] FR (1854843) 2018-06-04

[21] **3,044,477**
[13] A1
[51] **Int.Cl. G09G 5/395 (2006.01) G09G 5/399 (2006.01)**
[25] EN
[54] **DISPLAY BUFFERING METHODS AND SYSTEMS**
[54] **METHODES ET SYSTEMES DE MISE EN TAMPON D'AFFICHAGE**
[72] SZOBER, GREGORY, CA
[72] VIGGERS, STEPHEN, CA
[72] FABIUS, AIDAN, CA
[71] SZOBER, GREGORY, CA
[71] VIGGERS, STEPHEN, CA
[71] FABIUS, AIDAN, CA
[22] 2019-05-28
[41] 2019-12-01
[30] US (62/679,140) 2018-06-01

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[21] **3,044,575**
[13] A1
[51] **Int.Cl. F25B 41/00 (2006.01) F25B 47/02 (2006.01)**
[25] EN
[54] **COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT**
[72] ZHA, SHITONG, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2019-05-29
[41] 2019-12-06
[30] US (16/001,296) 2018-06-06

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[21] **3,044,590**
[13] A1
[51] **Int.Cl. B60P 7/15 (2006.01)**
[25] EN
[54] **CARGO RESTRAINT ASSEMBLY**
[54] **ASSEMBLAGE DE RETENUE DE CHARGEMENT**
[72] KANCZUZEWSKI, NICHOLAS, US
[72] TOWNSEND, JOHN E., US
[71] LOGISTICK, INC., US
[22] 2019-05-29
[41] 2019-12-01
[30] US (15/995488) 2018-06-01

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[21] **3,044,601**
[13] A1
[51] **Int.Cl. H01R 13/73 (2006.01) A41D 13/00 (2006.01) H01R 13/52 (2006.01)**
[25] EN
[54] **CONNECTOR SYSTEM FOR A WEARABLE ARTICLE**
[54] **SYSTEME DE CONNECTEUR DESTINE A UN ARTICLE PORTABLE**
[72] MILLER, KEITH EDWIN, US
[72] ANNIS, KYLE GARY, US
[72] THACKSTON, KEVIN MICHAEL, US
[72] MULFINGER, ROBERT NEIL, US
[71] TE CONNECTIVITY CORPORATION, US
[22] 2019-05-29
[41] 2019-12-05
[30] US (15/997897) 2018-06-05

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[21] **3,044,619**
[13] A1
[51] **Int.Cl. G06F 17/00 (2019.01) G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CLUSTERING INTEREST PATTERNS BASED ON A PLURALITY OF PRIORITY VALUES**
[54] **SYSTEME ET METHODE DE MISE EN GRAPPE DE MOTIFS D'INTERET FONDES SUR UNE PLURALITE DE VALEURS PRIORITAIRES**
[72] PROCTOR, THOMAS JOHN, CA
[71] FULCRUM MANAGEMENT SOLUTIONS LTD., CA
[22] 2019-05-29
[41] 2019-12-06
[30] US (16/001,375) 2018-06-06

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[21] **3,044,634**
[13] A1
[51] **Int.Cl. E01C 19/20 (2006.01) E01H 10/00 (2006.01)**
[25] EN
[54] **SALT SPREADER HEATING SYSTEM**
[54] **SYSTEME DE CHAUFFAGE D'EPANDEUSE DE SEL**
[72] HOCHSPRUNG, BERT, US
[72] WILLIAMS, KENT, US
[71] HOCHSPRUNG, BERT, US
[71] WILLIAMS, KENT, US
[22] 2019-05-29
[41] 2019-12-05
[30] US (15997787) 2018-06-05

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[21] **3,044,714**
[13] A1
[51] **Int.Cl. F25B 7/00 (2006.01) F25B 5/02 (2006.01) F25B 6/04 (2006.01) F25B 9/00 (2006.01) F25B 21/00 (2006.01)**
[25] EN
[54] **CO2 REFRIGERATION SYSTEM WITH MAGNETIC REFRIGERATION SYSTEM COOLING**
[54] **SYSTEME DE REFRIGERATION AU CO2 EQUIPE DE REFROIDISSEMENT MAGNETIQUE DE SYSTEME DE REFRIGERATION**
[72] NEWEL, JEFFREY E., US
[72] BITTNER, JOHN D., US
[72] HAYES, NIEL M., US
[71] HILL PHOENIX, INC., US
[22] 2019-05-30
[41] 2019-12-05
[30] US (62/680,879) 2018-06-05

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[21] **3,044,726**
[13] A1
[51] **Int.Cl. G07F 19/00 (2006.01) G09G 5/377 (2006.01)**
[25] EN
[54] **PROVIDING AN AUGMENTED REALITY OVERLAY TO SECURE INPUT DATA**
[54] **FOURNITURE DE SUPERPOSITION DE REALITE AUGMENTEE POUR SECURISER LES DONNEES D'ENTREE**
[72] BENKREIRA, ABDELKADAR M'HAMED, US
[72] MOSSOBA, MICHAEL, US
[72] EDWARDS, JOSHUA, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-05-30
[41] 2019-12-06
[30] US (16/001860) 2018-06-06

[21] **3,044,736**
[13] A1
[51] **Int.Cl. A47B 88/00 (2017.01) A47B 13/02 (2006.01)**
[25] EN
[54] **DESK WITH SLIDABLE DRAWER ASSEMBLY**
[54] **BUREAU DOTE D'UN ASSEMBLAGE DE TIROIR COULISSANT**
[72] COOPER, JOHN DAVID, US
[71] SUNJOY INDUSTRIES GROUP LTD., US
[22] 2019-05-29
[41] 2019-12-01
[30] US (15/996,270) 2018-06-01

[21] **3,044,744**
[13] A1
[51] **Int.Cl. C09D 11/104 (2014.01) C09D 11/102 (2014.01) B41F 7/02 (2006.01)**
[25] EN
[54] **AQUEOUS INK COMPOSITION COMPRISING POLYURETHANE**
[54] **COMPOSITION D'ENCRE AQUEUSE RENFERMANT DU POLYURETHANE**
[72] CHOPRA, NAVEEN, CA
[72] CLARIDGE, ROBERT CHRISTOPHER, CA
[72] ABRAHAM, BIBY ESTHER, CA
[72] MOORLAG, CAROLYN, CA
[72] SACRIPANTE, GUERINO G., CA
[71] XEROX CORPORATION, US
[22] 2019-05-30
[41] 2019-12-05
[30] US (15/997760) 2018-06-05

[21] **3,044,745**
[13] A1
[51] **Int.Cl. A47C 31/00 (2006.01) A47C 7/62 (2006.01) A61G 5/00 (2006.01) A61G 5/10 (2006.01) B62B 3/00 (2006.01) B62B 3/02 (2006.01)**
[25] EN
[54] **CHAIR CADDIE**
[54] **CHARIOT DE CHAISE**
[72] SCHELLENBERG, RANDY DWAYNE, CA
[71] COMFOR TEK SEATING INC., CA
[22] 2019-05-30
[41] 2019-12-01
[30] US (15/996,068) 2018-06-01

[21] **3,044,764**
[13] A1
[51] **Int.Cl. F25D 17/04 (2006.01) A47G 29/14 (2006.01) F25D 13/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR PROVIDING TEMPERATURE CONTROLLED STORAGE**
[54] **SYSTEME DE FOURNITURE D'ENTREPOSAGE A TEMPERATURE CONTROLEE**
[72] LISKI, MARIKA, FI
[71] FOODMAIL FINLAND OY, FI
[22] 2019-05-30
[41] 2019-12-05
[30] FI (20185514) 2018-06-05

[21] **3,044,768**
[13] A1
[51] **Int.Cl. C09D 11/106 (2014.01) C09D 11/033 (2014.01) C09D 11/104 (2014.01) B41F 7/02 (2006.01)**
[25] EN
[54] **WATERBORNE CLEAR INK COMPOSITIONS**
[54] **COMPOSITIONS AEROSOL D'ENCRE CLAIRE**
[72] CHOPRA, NAVEEN, CA
[72] CLARIDGE, ROBERT CHRISTOPHER, CA
[72] ABRAHAM, BIBY ESTHER, CA
[72] MOORLAG, CAROLYN, CA
[72] SACRIPANTE, GUERINO G., CA
[71] XEROX CORPORATION, US
[22] 2019-05-30
[41] 2019-12-05
[30] US (15/997753) 2018-06-05

[21] **3,044,788**
[13] A1
[51] **Int.Cl. C09D 11/104 (2014.01) C09D 11/106 (2014.01) B41F 7/02 (2006.01)**
[25] EN
[54] **AQUEOUS INK COMPOSITION COMPRISING POLYISOPRENE**
[54] **COMPOSITION D'ENCRE AQUEUSE RENFERMANT DU POLYISOPRENE**
[72] CHOPRA, NAVEEN, CA
[72] ABRAHAM, BIBY ESTHER, CA
[72] SACRIPANTE, GUERINO G., CA
[72] MOORLAG, CAROLYN, CA
[71] XEROX CORPORATION, US
[22] 2019-05-30
[41] 2019-12-05
[30] US (15/997746) 2018-06-05

[21] **3,044,792**
[13] A1
[51] **Int.Cl. G01S 15/08 (2006.01) H04R 19/01 (2006.01) H04R 19/02 (2006.01) H04R 19/04 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A LOUDSPEAKER UNIT, AND LOUDSPEAKER UNIT**
[54] **METHODE DE FONCTIONNEMENT D'UN MODULE DE HAUT-PARLEUR, ET MODULE DE HAUT-PARLEUR**
[72] RUSCONI CLERICI BELTRAMI, ANDREA, AT
[72] BOTTONI, FERRUCCIO, AT
[71] USOUND GMBH, AU
[22] 2019-05-29
[41] 2019-12-01
[30] DE (10 2018 113 112.7) 2018-06-01

[21] **3,044,811**
[13] A1
[51] **Int.Cl. E21C 35/08 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CONTROLLING THE HEADING OF A MINING MACHINE**
[54] **METHODES ET SYSTEMES DE CONTROLE DE LA TETE D'UNE MACHINE D'EXPLOITATION MINIERE**
[72] DAVIS, LEE, US
[72] FERGUSON, DANIEL C., US
[72] HUMENAY, ERIC, US
[72] ROGERS, RICK, US
[71] JOY GLOBAL UNDERGROUND MINING LLC, US
[22] 2019-05-31
[41] 2019-12-01
[30] US (62/679,424) 2018-06-01
[30] US (62/681,345) 2018-06-06

[21] **3,044,817**
[13] A1
[51] **Int.Cl. G06F 21/32 (2013.01) G06F 21/40 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR USING MICRO ACCELERATIONS AS A BIOMETRIC IDENTIFICATION FACTOR**
[54] **SYSTEMES ET METHODES D'UTILISATION DES MICROACCELERATIONS COMME FACTEUR D'IDENTIFICATION BIOMETRIQUE**
[72] WURMFELD, DAVID, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-05-30
[41] 2019-12-06
[30] US (16/001,930) 2018-06-06

[21] **3,044,819**
[13] A1
[51] **Int.Cl. G07F 19/00 (2006.01) G10L 17/22 (2013.01) G06F 3/16 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR VOICE INPUT AT AN ATM**
[54] **METHODE ET SYSTEME D'ENTREE VOCALE A UN GUICHET AUTOMATIQUE**
[72] EDWARDS, JOSHUA, US
[72] BENKREIRA, ABDELKADER, US
[72] MOSSOBA, MICHAEL, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-05-31
[41] 2019-12-07
[30] US (16/002,358) 2018-06-07

[21] **3,044,831**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 3/0481 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING ENHANCED REWARDS TO CUSTOMERS**
[54] **SYSTEME ET METHODE DE FOURNITURE DE RECOMPENSES AMELIOREES AUX CONSOMMATEURS**
[72] BALLEPU, SHARAD, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-05-30
[41] 2019-12-07
[30] US (16/002289) 2018-06-07

[21] **3,044,871**
[13] A1
[51] **Int.Cl. B29C 64/188 (2017.01)**
[25] EN
[54] **ADDITIVELY MANUFACTURED INTEGRATED HANDLING PROTECTION**
[54] **PROTECTION DE MANUTENTION INTEGREE FABRIQUEE DE MANIERE ADDITIVE**
[72] GILB, ANDREW, US
[72] ISEBRAND, SCOTT D., US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2019-05-30
[41] 2019-12-05
[30] US (16/000,412) 2018-06-05

[21] **3,044,878**
[13] A1
[51] **Int.Cl. H01H 33/36 (2006.01) H02B 11/00 (2006.01)**
[25] EN
[54] **ARC QUENCHING DEVICE WITH RACKING DRIVE**
[54] **DISPOSITIF D'EXTINCTION D'ARC COMPORTANT UN ENTRAINEMENT PAR CREMAILLERE**
[72] BURNS, ROBERT J., US
[72] HRNCIR, DAN E., US
[72] METCALF, DAVID A., US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2019-05-31
[41] 2019-12-05
[30] US (16/000303) 2018-06-05

[21] **3,044,879**
[13] A1
[51] **Int.Cl. G06Q 20/06 (2012.01) G06Q 30/02 (2012.01) G07F 17/32 (2006.01)**
[25] EN
[54] **CASINO BEVERAGE VALIDATION AND PAYMENT SYSTEMS**
[54] **SYSTEMES DE PAIEMENT ET VALIDATION DE BOISSON AU CASINO**
[72] GUINN, ROBERT, US
[71] ARDENT PROGRESSIVE SYSTEMS AND GAMES, LLC, US
[22] 2019-05-31
[41] 2019-12-01
[30] US (62/679,591) 2018-06-01

[21] **3,044,882**
[13] A1
[51] **Int.Cl. C09D 11/03 (2014.01) C09D 11/104 (2014.01) B41F 7/02 (2006.01)**
[25] EN
[54] **INK COMPOSITION COMPRISING HUMECTANT BLEND**
[54] **COMPOSITION D'ENCRE RENFERMANT UN MELANGE HUMECTANT**
[72] CHOPRA, NAVEEN, CA
[72] CLARIDGE, ROBERT CHRISTOPHER, CA
[72] ABRAHAM, BIBY ESTHER, CA
[72] MOORLAG, CAROLYN, CA
[72] SACRIPANTE, GUERINO G., CA
[71] XEROX CORPORATION, US
[22] 2019-05-31
[41] 2019-12-05
[30] US (15/997781) 2018-06-05

[21] **3,044,883**
[13] A1
[51] **Int.Cl. B05D 7/14 (2006.01) B05D 3/00 (2006.01)**
[25] EN
[54] **SLURRY-BASED COATING SYSTEM REPAIR**
[54] **REPARATION DE SYSTEME DE REVETEMENT A BASE DE BOUE**
[72] OVERHOLSER, RONALD, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2019-05-31
[41] 2019-12-01
[30] US (62/679,547) 2018-06-01
[30] US (62/827,584) 2019-04-01

[21] **3,044,888**
[13] A1
[51] **Int.Cl. C09D 11/104 (2014.01) C09D 11/03 (2014.01) B41F 7/02 (2006.01)**
[25] EN
[54] **AQUEOUS INK COMPOSITION COMPRISING A POLYMER ADDITIVE**
[54] **COMPOSITION D'ENCRE AQUEUSE RENFERMANT UN ADDITIF POLYMERIQUE**
[72] CHOPRA, NAVEEN, CA
[72] CLARIDGE, ROBERT CHRISTOPHER, CA
[72] ABRAHAM, BIBY ESTHER, CA
[72] MOORLAG, CAROLYN, CA
[72] SACRIPANTE, GUERINO G., CA
[71] XEROX CORPORATION, US
[22] 2019-05-31
[41] 2019-12-05
[30] US (15/997770) 2018-06-05

[21] **3,044,890**
[13] A1
[51] **Int.Cl. C09D 11/104 (2014.01) C09D 11/03 (2014.01) B41F 7/02 (2006.01)**
[25] EN
[54] **SULFONATED POLYESTER INK**
[54] **ENCRE EN POLYESTER SULFONATE**
[72] CHOPRA, NAVEEN, CA
[72] CLARIDGE, ROB, CA
[72] ABRAHAM, BIBY ESTHER, CA
[72] MOORLAG, CAROLYN, CA
[72] LEE, JONATHAN SIU-CHUNG, CA
[72] SACRIPANTE, GUERINO, CA
[71] XEROX CORPORATION, US
[22] 2019-05-31
[41] 2019-12-05
[30] US (16/000401) 2018-06-05

[21] **3,044,918**
[13] A1
[51] **Int.Cl. D21H 27/30 (2006.01)**
[25] EN
[54] **THICK AND ABSORBENT AND/OR FLEXIBLE TOILET TISSUE**
[54] **PAPIER HYGIENIQUE EPAIS ET ABSORBANT ET/OU SOUPLE**
[72] KLEINWAECHTER, JOERG, US
[72] BOND, ERIC BRYAN, US
[72] MCKEE, MATTHEW GARY, US
[72] EROGLU, HASAN, US
[72] WERNER, TYLER JACOB, US
[72] CHAN, JEFFREY, US
[72] FUNG, JOSHUA THOMAS, US
[72] SHEEHAN, JEFFREY GLEN, US
[72] TROKHAN, PAUL DENNIS, US
[72] IBRAHIM, JEAN A., US
[72] WOODS, BROOKE MARIE, US
[71] THE PROCTOR & GAMBLE COMPANY, US
[22] 2019-05-31
[41] 2019-12-04
[30] US (62/680,160) 2018-06-04

[21] **3,044,924**
[13] A1
[51] **Int.Cl. D21H 27/30 (2006.01) D21H 17/28 (2006.01) D21H 17/33 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURES COMPRISING A MOVABLE SURFACE**
[54] **STRUCTURES FIBREUSES RENFERMANT UNE SURFACE MOBILE**
[72] KLEINWAECHTER, JOERG, US
[72] BOND, ERIC BRYAN, US
[72] MCKEE, MATTHEW GARY, US
[72] EROGLU, HASAN, US
[72] WERNER, TYLER JACOB, US
[72] CHAN, JEFFREY, US
[72] FUNG, JOSHUA THOMAS, US
[72] SHEEHAN, JEFFREY GLEN, US
[72] TROKHAN, PAUL DENNIS, US
[72] IBRAHIM, JEAN A., US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2019-05-31
[41] 2019-12-04
[30] US (62/680,216) 2018-06-04

[21] **3,044,948**
[13] A1
[51] **Int.Cl. C10M 133/44 (2006.01) C10M 159/12 (2006.01)**
[25] EN
[54] **LUBRICANT COMPOSITION AND DISPERSANTS THEREFOR HAVING A BENEFICIAL EFFECT ON OXIDATION STABILITY**
[54] **COMPOSITION LUBRIFIANTE ET DISPERSANTS ASSOCIES AYANT UN EFFET AVANTAGEUX SUR LA STABILITE DE L'OXYDATION**
[72] RANSOM, PAUL, GB
[71] AFTON CHEMICAL CORPORATION, US
[22] 2019-05-31
[41] 2019-12-05
[30] US (16/000362) 2018-06-05

[21] **3,044,972**
[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] EN
[54] **MESSAGING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE MESSAGERIE**
[72] SHAH, SALIK, US
[72] MOSSOBA, MICHAEL, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-06-03
[41] 2019-12-01
[30] US (15/995429) 2018-06-01

[21] **3,044,985**
[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) B60L 58/18 (2019.01) H01M 2/30 (2006.01) H01M 2/34 (2006.01) H01M 10/44 (2006.01) H02H 3/087 (2006.01)**
[25] EN
[54] **DUAL VOLTAGE BATTERY PACK**
[54] **BLOC-PILE A DOUBLE TENSION**
[72] YANG, AN-TAO ANTHONY, CA
[71] YANG, AN-TAO ANTHONY, CA
[22] 2019-06-03
[41] 2019-12-06
[30] TW (107119502) 2018-06-06

[21] **3,044,986**
[13] A1
[51] **Int.Cl. A61J 3/07 (2006.01) A61K 9/48 (2006.01) B08B 1/00 (2006.01) B65B 1/10 (2006.01) B65B 1/30 (2006.01)**
[25] EN
[54] **CAPSULE FILLING MACHINE FOR FILLING CAPSULES, AND CLEANING UNIT FOR USE IN A CAPSULE FILLING MACHINE**
[54] **MACHINE DE REMPLISSAGE DE CAPSULE SERVANT A REMPLIR DES CAPSULES, ET MODULE DE NETTOYAGE DESTINE A UNE UTILISATION DANS UNE MACHINE DE REMPLISSAGE DE CAPSULE**
[72] JESCHKE, MICHAEL, DE
[72] HOPFER, JONAS, DE
[72] PUPPICH, THOMAS, DE
[72] KIEHN, UWE, DE
[71] HARRO HOFLIGER VERPACKUNGSMASCHINEN GMBH, DE
[22] 2019-06-03
[41] 2019-12-05
[30] EP (18 176 035.6) 2018-06-05
[30] EP (19 175 015.7) 2019-05-17

[21] **3,044,988**
[13] A1
[51] **Int.Cl. H04N 5/355 (2011.01) G06T 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND COMPUTER PROGRAMS FOR COLORIMETRIC MAPPING**
[54] **SYSTEMES, METHODES ET PROGRAMMES INFORMATIQUES DESTINES A LA CARTOGRAPHIE COLORIMETRIQUE**
[72] BROWN, MICHAEL SCOTT, CA
[72] KARAIMER, HAKKI CAN, CA
[71] BROWN, MICHAEL SCOTT, CA
[71] KARAIMER, HAKKI CAN, CA
[22] 2019-06-03
[41] 2019-12-04
[30] US (62/680,033) 2018-06-04
[30] US (62/694,577) 2018-07-06

[21] **3,044,990**
[13] A1
[51] **Int.Cl. A47J 47/18 (2006.01) A47L 13/50 (2006.01)**
[25] EN
[54] **SANITATION PAIL WITH POUR AND SEDIMENT COLLECTION FEATURES**
[54] **SEAU D'ASSAINISSEMENT COMPORTANT UN BEC VERSEUR ET DES FONCTIONNALITES DE COLLECTE DE SEDIMENTS**
[72] YOUNG, MICHAEL, US
[71] SAN JAMAR, INC., US
[22] 2019-06-03
[41] 2019-12-04
[30] US (15/997,088) 2018-06-04

[21] **3,044,991**
[13] A1
[51] **Int.Cl. G06Q 20/30 (2012.01) G06Q 20/06 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **SECURE TRANSACTIONAL CRYPTOCURRENCY HARDWARE WALLET**
[54] **PORTEFEUILLE MATERIEL DE CRYPTOMONNAIE TRANSACTIONNEL SECURISE**
[72] PARTHIMOS, GEORGE, AU
[71] PARTHIMOS, GEORGE, AU
[22] 2019-06-03
[41] 2019-12-02
[30] AU (2018203904) 2018-06-02

[21] **3,044,993**
[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) A47B 21/00 (2006.01) A47B 97/00 (2006.01) A47C 7/72 (2006.01) H01R 13/24 (2006.01) H01R 13/633 (2006.01) H02J 3/02 (2006.01) H02J 15/00 (2006.01) H02M 7/04 (2006.01)**
[25] EN
[54] **REMOVABLE POWER SUPPLY FOR POWER AND DATA UNITS**
[54] **ALIMENTATION ELECTRIQUE AMOVIBLE DESTINEE A L'ALIMENTATION ET AUX MODULES DE DONNEES**
[72] BYRNE, NORMAN R., US
[72] SHEPHERD, JORDAN L., US
[71] BYRNE, NORMAN R., US
[22] 2019-05-31
[41] 2019-12-01
[30] US (62/679572) 2018-06-01

[21] **3,044,999**
[13] A1
[51] **Int.Cl. A43B 7/12 (2006.01) A43B 7/06 (2006.01)**
[25] EN
[54] **WATERPROOF BOOT WITH INTERNAL CONVECTION SYSTEM**
[54] **BOTTE ETANCHE EQUIPEE D'UN SYSTEME DE CONVECTION INTERNE**
[72] DULUDE, RYAN, US
[72] STROTHER, BRIAN LEE, US
[72] MCLAIN, JAMES, US
[72] AMMON, STEPHEN DOUGLAS, US
[72] YEH, THOMAS, US
[72] MILLER, EMILY, US
[71] TBL LICENSING LLC, US
[22] 2019-06-03
[41] 2019-12-04
[30] US (62/680,231) 2018-06-04

[21] **3,045,031**
[13] A1
[51] **Int.Cl. B65G 54/02 (2006.01) H02K 41/02 (2006.01)**
[25] EN
[54] **METHOD AND LONG-STATOR LINEAR MOTOR FOR TRANSFERRING A TRANSPORT UNIT AT A TRANSFER POSITION**
[54] **METHODE ET MOTEUR LINEAIRE A STATOR LONG DESTINE AU TRANSFERT D'UN MODULE DE TRANSPORT EN UNE POSITION DE TRANSFERT**
[72] WEBER, ANDREAS, AT
[72] FORTHUBER, FRIEDRICH, AT
[71] B&R INDUSTRIAL AUTOMATION GMBH, AT
[22] 2019-06-03
[41] 2019-12-05
[30] EP (18176080.2) 2018-06-05

[21] **3,045,082**
[13] A1
[51] **Int.Cl. A47L 9/24 (2006.01) A47L 5/38 (2006.01) B65H 75/36 (2006.01) F16L 5/02 (2006.01)**
[25] EN
[54] **HOSE VALVE SUB-ASSEMBLY APPARATUS AND METHOD FOR RETRACTABLE HOSE VACUUM SYSTEMS**
[54] **APPAREIL DE SOUS-ASSEMBLAGE DE VANNE DE TUYAU ET METHODE DESTINEE AUX SYSTEMES D'ASPIRATEUR A TUYAU RETRACTABLE**
[72] RAWLS, ROBERT LEE, US
[72] DRIVSTUEN, ROD, US
[71] RAWLS, ROBERT LEE, US
[71] DRIVSTUEN, ROD, US
[22] 2019-06-04
[41] 2019-12-04
[30] US (62/680,463) 2018-06-04

[21] **3,045,087**
[13] A1
[51] **Int.Cl. A01G 18/00 (2018.01) A01G 18/60 (2018.01) A01G 18/62 (2018.01)**
[25] EN
[54] **DEVICE FOR GROWING MUSHROOMS**
[54] **DISPOSITIF DE CULTURE DE CHAMPIGNONS**
[72] LEMMEN, JACOBUS ALEXANDER JOZEF, NL
[72] VAN DOREMAELE, MARCUS GERARDUS MARIA, NL
[71] LEMMEN, JACOBUS ALEXANDER JOZEF, NL
[71] VAN DOREMAELE, MARCUS GERARDUS MARIA, NL
[22] 2019-06-04
[41] 2019-12-04
[30] NL (2021053) 2018-06-04
[30] NL (2022703) 2019-03-08

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[13] A1
[51] **Int.Cl. F16L 55/46 (2006.01)**
[25] EN
[54] **PIPELINE PIG RETRIEVAL APPARATUS**
[54] **APPAREIL D'ENLEVEMENT DE RACLEUR DE PIPELINE**
[72] DUKE, MARVIN, CA
[72] DUKE, TERRY, CA
[71] DUKE, MARVIN, CA
[71] DUKE, TERRY, CA
[22] 2019-06-04
[41] 2019-12-04
[30] CA (3,007,140) 2018-06-04

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[13] A1
[51] **Int.Cl. E01C 9/08 (2006.01) E01C 15/00 (2006.01) E01D 15/12 (2006.01)**
[25] EN
[54] **MODULAR WALKWAY SYSTEM**
[54] **SYSTEME DE PASSERELLE MODULAIRE**
[72] SMART, DYLAN, CA
[71] SMARTPATH SAFETY SYSTEMS LTD., CA
[22] 2019-06-04
[41] 2019-12-05
[30] CA (3,007,232) 2018-06-05

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[21] **3,045,100**
[13] A1
[51] **Int.Cl. E03D 9/08 (2006.01)**
[25] EN
[54] **TOILET HAVING A BIDET SHOWER**
[54] **TOILETTE EQUIPEE D'UNE DOUCHE DE BIDET**
[72] ETHIER, DENIS, CA
[71] ETHIER, DENIS, CA
[22] 2019-06-04
[41] 2019-12-04
[30] GB (1809139.7) 2018-06-04

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[21] **3,045,150**
[13] A1
[51] **Int.Cl. G01N 17/04 (2006.01) C23F 13/22 (2006.01)**
[25] EN
[54] **APPARATUS FOR MEASURING A CATHODIC PROTECTION CONDITION OF A BURIED STEEL STRUCTURE, AND METHOD**
[54] **APPAREIL DE MESURE D'UN ETAT DE PROTECTION CATHODIQUE D'UNE STRUCTURE D'ACIER ENFOUIE, ET METHODE**
[72] GUMMOW, ROBERT, CA
[72] FINGAS, DANIEL, CA
[72] BAHGAT, HYCEM, CA
[71] CORROSION SERVICE COMPANY LIMITED, CA
[22] 2019-06-03
[41] 2019-12-05
[30] US (62/680631) 2018-06-05

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[13] A1
[51] **Int.Cl. H02N 2/18 (2006.01) B82Y 30/00 (2011.01)**
[25] EN
[54] **1D/2D HYBRID PIEZOELECTRIC NANOGENERATOR AND METHOD FOR MAKING SAME**
[54] **NANOGENERATEUR PIEZOELECTRIQUE HYBRIDE 1D/2D ET METHODE DE FABRICATION**
[72] MAHMUD, ALAM, CA
[72] KHAN, AISF ABUDULLAH, CA
[72] BAN, DAYAN, CA
[72] VOSS, PETER, CA
[71] SHIMCO NORTH AMERICA INC., CA
[22] 2019-06-04
[41] 2019-12-04
[30] US (62/763,096) 2018-06-04
[30] US (62/917,121) 2018-11-21

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[13] A1
[51] **Int.Cl. G07C 15/00 (2006.01) A63F 3/06 (2006.01) G07B 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING PLAYERS WITH LOCATION OF LOTTERY TICKETS WITH SPECIFIC GAME PLAY CHARACTERS**
[54] **SYSTEME ET METHODE DE FOURNITURE AUX JOUEURS D'UN EMPLACEMENT DE BILLETS DE LOTERIE AYANT DES CARACTERES DE JEU SPECIFIQUES**
[72] BENNETT, JOSEPH W., III, US
[71] SCIENTIFIC GAMES INTERNATIONAL, INC., US
[22] 2019-06-04
[41] 2019-12-05
[30] US (15/997,829) 2018-06-05

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[13] A1
[51] **Int.Cl. B05B 3/04 (2006.01)**
[25] EN
[54] **SPRINKLER MOTOR WITH BYPASS FILTER FOR GEAR-LUBRICATING WATER**
[54] **MOTEUR DE GICLEUR COMPORTANT UN FILTRE DE DERIVATION POUR L'EAU DE LUBRIFICATION D'ENGRENAGE**
[72] NIES, JUERGEN, US
[71] NIES, JUERGEN, US
[22] 2019-06-04
[41] 2019-12-06
[30] US (62/681,336) 2018-06-06

[21] **3,045,197**
[13] A1
[51] **Int.Cl. G01N 21/88 (2006.01) B61K 9/08 (2006.01) G01C 11/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DATA ACQUISITION AND ASSET INSPECTION IN PRESENCE OF MAGNETIC INTERFERENCE**
[54] **SYSTEMES ET METHODES D'ACQUISITION DE DONNEES ET D'INSPECTION D'ACTIFS EN PRESENCE D'INTERFERENCE MAGNETIQUE**
[72] JOSHI, SUNIL DATTATRAYA, IN
[72] MISHRA, MAYANK, IN
[72] VYAWAHARE, VAIBHAV, IN
[72] SALSINGIKAR, SHRIPAD, IN
[72] GUBBI LAKSHMINARASIMHA, JAYAVARDHANA RAMA, IN
[72] KOTAMRAJU, SRINIVAS, IN
[72] BHOGINENI, SREEHARI KUMAR, IN
[72] RAJ, RISHIN, IN
[72] HARIHARAN ANAND, VISHNU, IN
[72] BAJPAI, VISHAL, IN
[72] MOHAN PONRAJ, JEGAN, IN
[72] RANGARAJAN, MAHESH, IN
[72] PURUSHOTHAMAN, BALAMURALIDHAR, IN
[72] KANDASWAMY, GOPI, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
[22] 2019-06-05
[41] 2019-12-05
[30] IN (201821020933) 2018-06-05

[21] **3,045,250**
[13] A1
[51] **Int.Cl. E04H 9/02 (2006.01) E04B 1/98 (2006.01)**
[25] EN
[54] **A VOLUMETRIC COMPRESSION RESTRAINER**
[54] **UN LIMITEUR DE COMPRESSION VOLUMETRIQUE**
[72] HEJAZI, FARZAD, MY
[72] JAAFAR, MOHD SALEH, MY
[72] EBRAHIMI, ESMAEIL, MY
[71] UNIVERSITI PUTRA MALAYSIA, MY
[22] 2019-06-05
[41] 2019-12-06
[30] MY (PI 2018702230) 2018-06-06

[21] **3,045,251**
[13] A1
[51] **Int.Cl. B63B 22/00 (2006.01) B63B 21/04 (2006.01) E02B 15/06 (2006.01)**
[25] EN
[54] **BOTTOM PLATE FOR MARINE BOOM**
[54] **PLAQUE DE BAS D'UNE GRUE DE BATEAU**
[72] MEEKS, PAUL S., US
[72] GARVER, JON D., US
[72] SANGER, JEFFREY S., US
[71] WORTHINGTON PRODUCTS, INC., US
[22] 2019-06-05
[41] 2019-12-07
[30] US (16/002,049) 2018-06-07

[21] **3,045,257**
[13] A1
[51] **Int.Cl. B60P 1/02 (2006.01)**
[25] EN
[54] **TRUCK WITH LOWERABLE BED**
[54] **CAMION EQUIPE D'UN LIT ABAISSABLE**
[72] YANG, AN-TAO ANTHONY, CA
[71] YANG, AN-TAO ANTHONY, CA
[22] 2019-06-05
[41] 2019-12-06
[30] TW (107119503) 2018-06-06

[21] **3,045,265**
[13] A1
[51] **Int.Cl. A61J 7/00 (2006.01) B65B 69/00 (2006.01) B65G 1/02 (2006.01)**
[25] EN
[54] **PHARMACY ORDER PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE COMMANDE DE PHARMACIE**
[72] HOFFMAN, ROBERT E., US
[71] EXPRESS SCRIPTS STRATEGIC DEVELOPMENT, INC., US
[22] 2019-06-04
[41] 2019-12-04
[30] US (15/996,909) 2018-06-04

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[54] **PHARMACY ORDER PROCESSING SYSTEM WORKSTATIONS AND RELATED METHODS**
[54] **POSTES DE TRAVAIL DE SYSTEME DE TRAITEMENT DE PHARMACIE ET METHODES ASSOCIEES**
[72] HOFFMAN, ROBERT E., US
[71] EXPRESS SCRIPTS STRATEGIC DEVELOPMENT, INC., US
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[54] **CROSS-LINK FOR TRACKS OF SNOW GROOMERS**
[54] **LIAISON TRANSVERSALE DE CHENILLES DE DAMEUSES**
[72] MAURER, GREGOR, IT
[72] KIRCHMAIR, MARTIN, IT
[71] PRINOTH S.P.A., IT
[22] 2019-06-04
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[54] **SPINNING RAFT RIDE**
[54] **ATTRACTION DE RAFTING TOURNANTE**
[72] SALL, KELLY, CA
[72] JENSEN, SHANE, CA
[72] LENNOX, TIM, CA
[71] SALL, KELLY, CA
[71] JENSEN, SHANE, CA
[71] LENNOX, TIM, CA
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[54] **INTERACTIVE RAFT RIDE**
[54] **ATTRACTION DE RAFTING INTERACTIVE**
[72] SALL, KELLY, CA
[72] BRIGGS, RICK, US
[72] WESTON, MARK, US
[71] SALL, KELLY, CA
[71] BRIGGS, RICK, US
[71] WESTON, MARK, US
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[54] **RFID CONTROL SURFACE DISCONNECT DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION DE DEBRANCHEMENT DE SURFACE DE CONTROLE A RFID**
[72] ANKNEY, DARRELL E., US
[72] GASPERS, STEPHANIE, US
[71] HAMILTON SUNDSTRAND CORPORATION, US
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[54] **CHOPPED FIBER ADDITIVE MANUFACTURING VOID DETECTION**
[54] **DETECTION DE VIDE DE FABRICATION ADDITIVE DE FIBRE DECHIQUETEE**
[72] SAFAI, MORTEZA, US
[71] THE BOEING COMPANY, US
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[54] **PROTECTION AND RESPIRATORY EQUIPMENT FOR AIRCRAFT PILOT AND INDIVIDUAL USER**
[54] **EQUIPEMENT PROTECTEUR ET RESPIRATOIRE DESTINE A UN PILOTE D'AERONEF ET UN UTILISATEUR INDIVIDUEL**
[72] DELPRAT, JEAN-BAPTISTE, FR
[72] POTET, OLIVIER, FR
[71] ZODIAC AEROTECHNICS, FR
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[54] **DISPOSITIFS D'AUTHENTIFICATION MULTIFACTEUR**
[72] MOSSABA, MICHAEL, US
[72] BENKREIRA, ABDELKADAR M'HAMED, US
[72] EDWARDS, JOSHUA, US
[71] CAPITAL ONE SERVICES, LLC, US
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[25] EN
[54] **JOINTED PLUNGER ASSEMBLY AND METHOD THEREFOR**
[54] **ASSEMBLAGE DE PISTON JOINTE ET METHODE ASSOCIEE**
[72] FORD, MICHAEL BRENT, US
[71] FORD, MICHAEL BRENT, US
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[54] **VEHICLE LADDER RACK ASSEMBLY**
[54] **ASSEMBLAGE DE SUPPORT D'ECHELLE DE VEHICULE**
[72] LIVINGSTON, NOLIN MILLER, US
[72] HENRY, MARK ANTHONEY, JR., US
[71] ADRIAN STEEL COMPANY, US
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[54] **PERFORMANCE TESTING PLATFORM THAT ENABLES REUSE OF AUTOMATION SCRIPTS AND PERFORMANCE TESTING SCALABILITY**
[54] **PLATEFORME DE TEST DE RENDEMENT QUI PERMET LA REUTILISATION DE SCRIPTS D'AUTOMATISATION ET EXTENSIBILITE DE TEST DE RENDEMENT**
[72] SZERENYI, LASZLO, US
[71] CAPITAL ONE SERVICES, LLC, US
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[54] **PRE-STEP CO-SIMULATION METHOD AND DEVICE**
[54] **METHODE DE COSTIMULATION PREALABLE ET DISPOSITIF**
[72] BENEDIKT, MARTIN, AT
[72] GENSER, SIMON, AT
[72] BERNASCH, JOST, AT
[71] KOMPETENZZENTRUM - DAS VIRTUELLE FAHRZEUG, FORSCHUNGSGESELLSCHAFT MBH, AT
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[54] **TRANSACTION TERMINALS FOR AUTOMATED BILLING**
[54] **TERMINAUX DE TRANSACTION DE FACTURATION AUTOMATISEE**
[72] EDWARDS, JOSHUA, US
[72] BENKREIRA, ABDELKADAR M'HAMED, US
[72] MOSSOBA, MICHAEL, US
[72] NORMAN, CARRIE, US
[71] CAPITAL ONE SERVICES, LLC, US
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[54] **A GEARBOX AND A GEARED GAS TURBINE ENGINE**
[54] **BOITE D'ENGRENAGE ET TURBINE A GAZ A ENGRENAGES**
[72] CLARK, DANIEL, GB
[72] RAMSHAW, ANDREW R., GB
[72] DIXON, PETER J., GB
[71] ROLLS-ROYCE PLC, GB
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[25] EN
[54] **UTILIZING MACHING LEARNING TO REDUCE CLOUD INSTANCES IN A CLOUD COMPUTING ENVIRONMENT**
[54] **UTILISATION D`APPRENTISSAGE MACHINE POUR REDUIRE LES INSTANCES NUAGIQUES DANS UN ENVIRONNEMENT INFONUAGIQUE**
[72] NARANG, SUNIL, US
[72] SINGH, ABHISHEK KUMAR, US
[72] SARANG, NAZIA, US
[72] VIJAY, VIKAS, US
[71] CAPITAL ONE SERVICES, LLC, US
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[25] EN
[54] **APPARATUS AND METHOD FOR PROCESSING ROUGHAGES**
[54] **APPAREIL ET METHODE DE TRAITEMENT DE FOURRAGE GROSSIER**
[72] PATTERSON, R. C., US
[71] PATTERSON, R. C., US
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[25] EN
[54] **A VISCOELASTIC BRACING DAMPER**
[54] **UN AMORTISSEUR DE RENFORT VISCOELASTIQUE**
[72] HEJAZI, FARZAD, MY
[72] JAAFAR, MOHD SALEH, MY
[72] EBRAHIMI, ESMAEIL, MY
[71] UNIVERSITI PUTRA MALAYSIA, MY
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[25] EN
[54] **CHEMICAL ETCHING OF EMITTER TIPS**
[54] **GRAVURE CHIMIQUE DE POINTES D'EMETTEUR**
[72] BACHUS, KYLE JOHN JAMES, AU
[72] FOO, HERBERT TZE CHEUNG, AU
[72] EBENDORFF-HEIDEPRIEM, HEIKE, AU
[72] STOKES, YVONNE MARIE, AU
[72] GIDDINGS, JOSEF ADAM, AU
[71] TRAJAN SCIENTIFIC AUSTRALIA PTY LTD, AU
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[41] 2019-12-06
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[54] **FLOW CONTROL VALVE**
[54] **VANNE DE COMMANDE D`ECOULEMENT**
[72] WACHER, RICHARD, TC
[72] PAVLOVIC, NENAD, CA
[71] THE BENTLEY GROUP LTD., TC
[22] 2019-06-07
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[54] **SMART BIN SYSTEM**
[54] **SYSTEME DE BAC INTELLIGENT**
[72] BISCHHOFFSHAUSEN, JOHANNES K., DE
[72] TUCCI, CIRO D., DE
[72] MAROLI, SREESH, DE
[71] TRELLEBORG SEALING SOLUTIONS US, INC., US
[22] 2019-06-06
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[51] **Int.Cl. G06K 7/10 (2006.01) G06F 16/00 (2019.01) G06F 3/12 (2006.01)**
[25] EN
[54] **SCANNING APPARATUS AND CORRESPONDING METHOD**
[54] **APPAREIL DE BALAYAGE ET METHODE CORRESPONDANTE**
[72] LUCARELLI, RACHELLE SAMSON, US
[72] LUCARELLI, BRUNO, III, US
[71] LUCARELLI, RACHELLE SAMSON, US
[71] LUCARELLI, BRUNO, III, US
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[25] EN
[54] **SYSTEM AND METHOD FOR DECENTRALIZED DIGITAL STRUCTURED DATA STORAGE, MANAGEMENT, AND AUTHENTICATION USING BLOCKCHAIN**
[54] **SYSTEME ET METHODE DE STOCKAGE, GESTION ET AUTHENTIFICATION DE DONNEES STRUCTUREES NUMERIQUES DECENTRALISEES AU MOYEN D`UNE CHAINE DE BLOCS**
[72] WONG, ALEXANDER SHEUNG LAI, CA
[71] WONG, ALEXANDER SHEUNG LAI, CA
[22] 2019-06-07
[41] 2019-12-07
[30] US (62/682,162) 2018-06-07

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[51] **Int.Cl. F24D 3/14 (2006.01) E04B 5/48 (2006.01)**
[25] EN
[54] **IN-FLOOR HEATING SYSTEM USING HEAT TRANSFER LIQUID FOR A BUILDING WITH CONCRETE FLOOR AND RELATED METHOD**
[54] **SYSTEME DE CHAUFFAGE INTEGRE AU PLANCHER EMPLOYANT UN LIQUIDE DE TRANSFERT DE CHALEUR DESTINE A UN BATIMENT COMPORTANT UN PLANCHER DE BETON ET METHODE ASSOCIEE**
[72] HARRISON, TRAVIS K., CA
[71] HARRISON, TRAVIS K., CA
[22] 2019-10-01
[41] 2019-12-06

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[51] **Int.Cl. G01M 3/00 (2006.01) E03B 9/02 (2006.01)**
[25] EN
[54] **HYDRANT NOZZLE CAP**
[54] **CAPUCHON DE BUSE DE BORNE-FONTAINE**
[72] GIBSON, DARYL LEE, US
[72] O'BRIEN, WILLIAM MARK, CA
[72] PERRIER, SEBASTIEN, CA
[72] GIFFORD, PAUL S., US
[71] MUELLER INTERNATIONAL, LLC, US
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[25] EN
[54] **HYDRANT CAP LEAK DETECTOR WITH ORIENTED SENSOR**
[54] **DETECTEUR DE FUITE DE BOUCHON DE BORNE-FONTAINE EQUIPEE D'UN DETECTEUR ORIENTE**
[72] GIBSON, DARYL LEE, US
[72] O'BRIEN, WILLIAM MARK, CA
[72] ROBERTSON, BRUCE, CA
[72] BURTEA, VALENTIN MIRCEA, CA
[72] LAVEN, KEVIN ADAM, CA
[72] PERRIER, SEBASTIEN, CA
[71] MUELLER INTERNATIONAL, LLC, US
[85] 2019-10-01
[86] 2019-08-07 (PCT/US2019/045451)
[87] (3057167)
[30] US (16/121,136) 2018-09-04

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[51] **Int.Cl. B60L 53/66 (2019.01) B60L 53/14 (2019.01) B60L 53/67 (2019.01) B60L 53/68 (2019.01)**
[25] EN
[54] **ELECTRIC VEHICLE CHARGING STATION AND METHOD OF CONTROLLING THE SAME**
[54] **POSTE DE CHARGE DE VEHICULE ELECTRIQUE ET METHODE DE CONTROLE DUDIT POSTE**
[72] PIZZURRO, CARMINE, CA
[72] SUDAN, HIMANSHU, CA
[72] SZYMCZYK, RICK, CA
[72] IRAVANI, REZA, CA
[72] BURKOV, DENIS, CA
[72] FU, YOUHAN, CA
[71] ECAMION INC., CA
[85] 2019-10-03
[86] 2019-06-05 (PCT/CA2019/050779)
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[13] A1
[51] **Int.Cl. F02M 21/06 (2006.01) F02M 21/02 (2006.01)**
[25] EN
[54] **PRESSURE BUILDING CRYOGENIC FLUID DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE FLUIDE CRYOGENIQUE A ACCUMULATION DE PRESSION**
[72] POAG, BRIAN, US
[72] STROM, JASON, US
[71] CHART INC., US
[85] 2019-10-11
[86] 2018-04-25 (PCT/US2018/029441)
[87] (WO2018/200725)
[30] US (62/489,575) 2017-04-25

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[51] **Int.Cl. E03D 9/08 (2006.01) A47K 4/00 (2006.01) A47K 7/08 (2006.01) A47K 13/30 (2006.01) E03D 9/00 (2006.01)**
[25] EN
[54] **SPRAYING NOZZLE APPARATUS**
[54] **SYSTEME DE SIEGE ET DE COUVERCLE AVEC BUSE DE PULVERISATION DYNAMIQUE**
[72] SCHWAB, BRIAN, US
[71] WHOLE BATH, LLC, US
[85] 2019-10-21
[86] 2017-05-06 (PCT/US2017/031482)
[87] (WO2017/193111)
[30] US (62/333,152) 2016-05-06
[30] US (15/588,635) 2017-05-06

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[51] **Int.Cl. E03D 9/08 (2006.01) A47K 7/08 (2006.01) A47K 10/48 (2006.01) A47K 13/24 (2006.01) E03D 9/00 (2006.01)**
[25] EN
[54] **DRYING NOZZLE APPARATUS**
[54] **MECANISME DE SECHAGE DYNAMIQUE DESTINE A UN SYSTEME DE LAVAGE ET DE NETTOYAGE**
[72] SCHWAB, BRIAN, US
[71] WHOLE BATH, LLC, US
[85] 2019-10-21
[86] 2017-05-06 (PCT/US2017/031483)
[87] (WO2017/193112)
[30] US (62/333,152) 2016-05-06
[30] US (15/588,637) 2017-05-06

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[51] **Int.Cl. C07D 257/04 (2006.01) A61K 31/41 (2006.01) A61K 31/415 (2006.01) A61K 31/4164 (2006.01) A61K 31/4192 (2006.01) A61K 31/4196 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) C07D 231/12 (2006.01) C07D 249/08 (2006.01) C07D 401/04 (2006.01) C07D 401/06 (2006.01) C07D 401/12 (2006.01) C07D 403/04 (2006.01) C07D 405/04 (2006.01) C07D 405/06 (2006.01) C07D 409/06 (2006.01)**
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[54] **NON-FUSED TRICYCLIC COMPOUNDS**
[54] **COMPOSES TRICYCLIQUES NON FUSIONNES**
[72] KONRADI, ANDREI W., US
[72] LIN, TRACY TZU-LING TANG, US
[71] VIVACE THERAPEUTICS, INC., US
[85] 2019-11-01
[86] 2018-05-02 (PCT/US2018/030721)
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[25] EN
[54] **COMPOSITION CONTAINING CYCLODEXTRIN AND BUSULFAN**
[54] **COMPOSITION CONTENANT DE LA CYCLODEXTRINE ET DU BUSULFAN**
[72] PIPKIN, JAMES D., US
[71] CYDEX PHARMACEUTICALS, INC., US
[85] 2019-11-01
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[87] (WO2018/204535)
[30] US (62/500,970) 2017-05-03

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[13] A1
[51] **Int.Cl. F21V 9/00 (2018.01) A01G 7/04 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **LIGHTING SYSTEM AND SENSOR ARRAY FOR GROWING PLANTS**
[54] **SYSTEME D'ECLAIRAGE ET RESEAU DE CAPTEURS POUR CULTIVER DES PLANTES**
[72] WELLS, KEVIN, US
[71] LUMIGROW, INC., US
[85] 2019-11-01
[86] 2018-05-02 (PCT/US2018/030732)
[87] (WO2018/204539)
[30] US (62/500,364) 2017-05-02

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[51] **Int.Cl. A61B 10/00 (2006.01) A61B 10/02 (2006.01) B01L 3/00 (2006.01) G01N 35/04 (2006.01)**
[25] EN
[54] **DEVICE FOR REDUCING FLUID IN THE IMAGING FIELD OF A TISSUE HANDLING APPARATUS FOR IMPROVING BIOPSY SYSTEM IMAGING QUALITY**
[54] **DISPOSITIFS DE REDUCTION DE FLUIDE DANS LE CHAMP D'IMAGERIE D'UN APPAREIL DE MANIPULATION DE TISSUS POUR AMELIORER LA QUALITE D'IMAGERIE D'UN SYSTEME DE BIOPSIE**
[72] SAFIR, FAREEHA, US
[72] STAND, JOSEPH A., III, US
[72] CARANO, JACQUELINE, US
[72] FISK, THOMAS H., US
[72] FARBIZIO, TOM, US
[71] HOLOGIC, INC., US
[85] 2019-11-01
[86] 2018-05-03 (PCT/US2018/030975)
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[51] **Int.Cl. G06T 7/73 (2017.01) G06T 7/33 (2017.01) A61B 8/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PREDICTIVE FUSION**
[54] **SYSTEME ET PROCEDE DE FUSION PREDICTIVE**
[72] PIPER, JONATHAN WILLIAM, US
[71] MIM SOFTWARE, INC., US
[85] 2019-11-01
[86] 2018-05-04 (PCT/US2018/031016)
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[30] US (62/501,329) 2017-05-04

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[51] **Int.Cl. A61L 29/08 (2006.01) A61L 29/14 (2006.01)**
[25] EN
[54] **LUBRICIOUS HYDROPHILIC COATINGS AND METHODS OF FORMING THE SAME**
[54] **REVETEMENTS HYDROPHILES LUBRIFIES ET LEURS PROCEDES DE FORMATION**
[72] O'MANHONY, JOHN P., US
[72] FARRELL, DAVID J., US
[71] HOLLISTER INCORPORATED, US
[85] 2019-11-01
[86] 2018-05-04 (PCT/US2018/031060)
[87] (WO2018/204767)
[30] US (62/501,476) 2017-05-04

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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/103 (2006.01) A61B 5/11 (2006.01)**
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[54] **WEARABLE ELECTRONIC BELT DEVICE**
[54] **DISPOSITIF DE CEINTURE ELECTRONIQUE METTABLE**
[72] MARTINEZ, R. ERIC, US
[72] KOLEY, GOUTAM, US
[72] MADATHIL, KAPIL CHALIL, US
[71] MODJOUL, INC., US
[85] 2019-11-01
[86] 2018-05-04 (PCT/US2018/031062)
[87] (WO2018/204769)
[30] US (62/501,558) 2017-05-04

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[51] **Int.Cl. C07H 19/173 (2006.01) C12M 1/00 (2006.01) C12N 15/10 (2006.01) C12P 19/34 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR MINIMIZING HOOK EFFECT INTERFERENCE IN IMMUNOASSAYS**
[54] **DISPOSITIFS ET PROCEDES POUR REDUIRE AU MINIMUM L'INTERFERENCE D'EFFET CROCHET DANS DES DOSAGES IMMUNOLOGIQUES**
[72] ZIMMERLE, CHRIS, US
[72] RHEINHEIMER, GARY, US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2019-11-01
[86] 2018-05-04 (PCT/US2018/031085)
[87] (WO2018/204784)
[30] US (62/501,284) 2017-05-04

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[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01)**
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[54] **SHIFTING TOOL RESETTABLE DOWNHOLE**
[54] **OUTIL DE DEPLACEMENT POUVANT ETRE REDISPOSE EN FOND DE TROU**
[72] CROWLEY, SCOTT, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2019-11-05
[86] 2018-04-17 (PCT/US2018/027937)
[87] (WO2018/217329)
[30] US (15/602,636) 2017-05-23

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[51] **Int.Cl. B01D 15/08 (2006.01) C07K 1/16 (2006.01) C07K 1/22 (2006.01) C07K 1/36 (2006.01) C12N 7/00 (2006.01)**
[25] EN
[54] **MECHANICAL METHOD OF MAINTAINING NARROW RESIDENCE TIME DISTRIBUTIONS IN CONTINUOUS FLOW SYSTEMS**
[54] **PROCEDE MECANIQUE POUR MAINTENIR LA DISTRIBUTION DE TEMPS DE SEJOUR LIMITEE DANS DES SYSTEMES A FLUX CONTINU**
[72] TUCCELLI, RONALD, US
[72] CAULMARE, JOHN, US
[72] MESSIER, LUC, US
[72] HOLSTEIN, MELISSA, US
[72] GILLESPIE, CHRISTOPHER, US
[72] HILL, ROGER, US
[71] EMD MILLIPORE CORPORATION, US
[85] 2019-11-05
[86] 2018-04-18 (PCT/US2018/028101)
[87] (WO2018/208447)
[30] US (62/504,633) 2017-05-11

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[25] EN
[54] **METHOD OF MAINTAINING NARROW RESIDENCE TIME DISTRIBUTIONS IN CONTINUOUS FLOW SYSTEMS**
[54] **PROCEDE DE MAINTIEN DE DISTRIBUTIONS DE TEMPS DE SEJOUR ETROITES DANS DES SYSTEMES A FLUX CONTINU**
[72] TUCCELLI, RONALD, US
[72] CAULMARE, JOHN, US
[72] HOLSTEIN, MELISSA, US
[72] COTONI, KRISTEN, US
[72] GILLESPIE, CHRISTOPHER, US
[71] EMD MILLIPORE CORPORATION, US
[85] 2019-11-05
[86] 2018-04-18 (PCT/US2018/028102)
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[51] **Int.Cl. C12Q 1/37 (2006.01) C12Q 1/68 (2018.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING ENDOMETRIOSIS AND ENDOMETRIOSIS ASSOCIATED SYMPTOMS**
[54] **METHODES ET COMPOSITIONS DE TRAITEMENT DE L'ENDOMETRIOSE ET DES SYMPTOMES ASSOCIES A L'ENDOMETRIOSE**
[72] GROSS, ERIC, US
[72] MOCHLY-ROSEN, DARIA, US
[72] MCALLISTER, STACY LYNN, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2019-11-05
[86] 2018-05-03 (PCT/US2018/030924)
[87] (WO2018/204673)
[30] US (62/502,310) 2017-05-05
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 51/08 (2006.01) A61K 51/10 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **IGF-1R MONOCLONAL ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS MONOCLONAUX ANTI-IGF-1R ET UTILISATIONS DE CEUX-CI**
[72] BURAK, ERIC STEVEN, CA
[72] FORBES, JOHN RICHARD, CA
[72] MORAN, MATTHEW DAVID BURR, CA
[72] SIMMS, RYAN WAYNE, CA
[72] VALLIANT, JOHN FITZMAURICE, CA
[71] FUSION PHARMACEUTICALS INC., CA
[71] BURAK, ERIC STEVEN, CA
[85] 2019-11-05
[86] 2018-05-04 (PCT/US2018/031233)
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[30] US (62/502,288) 2017-05-05
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[25] EN
[54] **METHOD FOR CROSS-CUTTING A MATERIAL WEB MOVED IN A DIRECTION OF MOVEMENT, AND DEVICE THEREFOR**
[54] **PROCEDE DE DECOUPE TRANSVERSALE D'UNE BANDE DE MATIERE DEPLACEE LE LONG D'UNE DIRECTION DE DEPLACEMENT ET DISPOSITIF ASSOCIE**
[72] ORNIK, MICHAEL, AT
[72] GRONOSTAY, JURGEN, AT
[72] JAMMERNEGG, ALOIS, AT
[71] ANDRITZ AG, AT
[85] 2019-11-06
[86] 2018-07-26 (PCT/AT2018/060165)
[87] (WO2019/051516)
[30] AT (A 50777/2017) 2017-09-15

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[25] EN
[54] **POLYMER FILM FOR IN-MOLD LABELING**
[54] **FILM POLYMERE POUR ETIQUETAGE DANS LE MOULE**
[72] WEIS, KATJA, DE
[72] DUPRE, YVONNE, DE
[72] SCHMIDT, SANDRA, DE
[71] TREOFAN GERMANY GMBH & CO. KG, DE
[85] 2019-11-06
[86] 2018-04-09 (PCT/EP2018/000173)
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[30] DE (10 2017 003 962.3) 2017-04-25

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[13] A1
[51] **Int.Cl. A47J 31/36 (2006.01)**
[25] EN
[54] **A BREWING MODULE AND DRINKS PREPARATION MACHINE**
[54] **MODULE D'INFUSION ET MACHINE DE PREPARATION DE BOISSON**
[72] ZWICKER, DOMINIC, CH
[72] SCHULTHEISS, CHRISTIAN, CH
[72] FEDERER, JOHANNES, CH
[71] TCHIBO GMBH, DE
[85] 2019-11-06
[86] 2018-05-16 (PCT/EP2018/062650)
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[30] EP (17172058.4) 2017-05-19

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[51] **Int.Cl. A61B 5/0205 (2006.01) A61B 5/16 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR MONITORING HUMAN PERFORMANCE**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE PERFORMANCE HUMAINE**
[72] MADNANI, AKASH, IN
[72] SHARMA, VIVEK, IN
[72] SHEIKH, JAVED, IN
[72] SHUKLA, PRATAP, IN
[72] CHANDRA, MANISH, IN
[72] AZAD, AELISH, IN
[72] MESHRAM, SWAPNIL, IN
[72] HASSANI, UMESH, IN
[72] SHIVNANI, ANAADI, IN
[72] PAGHADAL, ANIL, IN
[71] MADNANI, AKASH, IN
[85] 2019-11-06
[86] 2018-05-02 (PCT/IB2018/053023)
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[30] IN (201721016237) 2017-05-08

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[51] **Int.Cl. C12N 5/10 (2006.01) C12N 5/071 (2010.01) A61L 27/38 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING INTESTINAL ORGANOID DERIVED FROM PLURIPOTENT STEM CELLS**
[54] **PROCEDE DE PRODUCTION D'UN ORGANOIDE INTESTINAL DERIVE DE CELLULES SOUCHES PLURIPOTENTES**
[72] MATSUNAGA, TAMIHIDE, JP
[72] IWAO, TAKAHIRO, JP
[72] ONOZATO, DAICHI, JP
[72] OGAWA, ISAMU, JP
[71] PUBLIC UNIVERSITY CORPORATION NAGOYA CITY UNIVERSITY, JP
[85] 2019-11-06
[86] 2018-05-02 (PCT/JP2018/017572)
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[30] JP (2017-093418) 2017-05-09

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[13] A1
[51] **Int.Cl. A61F 13/00 (2006.01)**
[25] EN
[54] **COMPOSITE FOAM IN WOUND TREATMENT**
[54] **MOUSSE COMPOSITE DANS LE TRAITEMENT DE PLAIES**
[72] GARDINER, ERIC S., US
[72] PALEDZKI, MAGNUS, US
[72] JOHNSON, JASON RAYMOND, US
[71] MOLNLYCKE HEALTH CARE AB, SE
[85] 2019-11-07
[86] 2018-05-08 (PCT/EP2018/061872)
[87] (WO2018/206578)
[30] EP (17170446.3) 2017-05-10

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[13] A1
[51] **Int.Cl. A61K 31/7105 (2006.01) A61P 1/04 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **COBITOLIMOD FOR USE IN THE TREATMENT OF INFLAMMATORY BOWEL DISEASE**
[54] **COBITOLIMOD DESTINE A ETRE UTILISE DANS LE TRAITEMENT D'UNE MALADIE INFLAMMATOIRE DE L'INTESTIN**
[72] ZARGARI, AREZOU, SE
[72] ADMYRE, CHARLOTTE, SE
[72] SANDWALL, PERNILLA, SE
[72] KNITTEL, THOMAS, SE
[72] ZERHOUNI, PETER, SE
[71] INDEX PHARMACEUTICALS AB, SE
[85] 2019-11-07
[86] 2018-05-09 (PCT/EP2018/062124)
[87] (WO2018/206711)
[30] GB (1707501.1) 2017-05-10

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[13] A1
[51] **Int.Cl. A61K 31/415 (2006.01) A61K 31/4155 (2006.01) A61K 31/675 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PHENYL-HETEROCYCLE-PHENYL DERIVATIVES FOR USE IN THE TREATMENT OR PREVENTION OF MELANOMA**
[54] **DERIVES DE PHENYL-HETEROCYCLE-PHENYLE DESTINES A UNE UTILISATION DANS LE TRAITEMENT OU LA PREVENTION D'UN MELANOME**
[72] BECKER, DOROTHEA, DE
[72] JOVIN, THOMAS M., DE
[72] GRIESINGER, CHRISTIAN, DE
[72] LEONOV, ANDREI, DE
[72] RYAZANOV, SERGEY, DE
[72] GIESE, ARMIN, DE
[72] OUTEIRO, TIAGO F., DE
[72] LAZARO, DIANA F., DE
[72] SCHON, MICHAEL P., DE
[72] SCHON, MARGARETE, DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[71] LUDWIG-MAXIMILIANS-UNIVERSITAT MUNCHEN, DE
[71] GEORG-AUGUST-UNIVERSITAT GOTTINGEN, DE
[85] 2019-11-07
[86] 2018-05-11 (PCT/EP2018/062236)
[87] (WO2018/206778)
[30] EP (17170855.5) 2017-05-12

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[13] A1
[51] **Int.Cl. B01D 15/18 (2006.01)**
[25] EN
[54] **METHOD FOR SEPARATING NATURAL SUBSTANCE MIXTURES BY MEANS OF SCPC**
[54] **PROCEDE DE SEPARATION DE MELANGES DE PRODUITS NATURELS PAR CHROMATOGRAPHIE DE PARTAGE CENTRIFUGE (SEQUENTIAL CENTRIFUGAL PARTITION CHROMATOGRAPHY (SCPC))**
[72] ENGLERT, MICHAEL, DE
[72] RUTZ, ANDREAS, DE
[71] BIONORICA ETHICS GMBH, DE
[85] 2019-11-07
[86] 2018-05-29 (PCT/EP2018/064121)
[87] (WO2018/233991)
[30] EP (17173304.1) 2017-05-29

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[51] **Int.Cl. A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **VAPOUR PROVISION SYSTEMS**
[54] **SYSTEMES DE FOURNITURE DE VAPEUR**
[72] HEPWORTH, RICHARD, GB
[72] DICKENS, COLIN, GB
[72] MOLONEY, PATRICK, GB
[71] BRITISH-AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2019-11-07
[86] 2018-05-09 (PCT/GB2018/051238)
[87] (WO2018/206940)
[30] GB (1707627.4) 2017-05-12

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[13] A1
[51] **Int.Cl. A61K 31/496 (2006.01) A61K 31/428 (2006.01) A61K 31/495 (2006.01) A61K 31/4985 (2006.01)**
[25] EN
[54] **METHODS OF TREATMENT**
[54] **PROCEDES DE TRAITEMENT**
[72] SRINIVASAN, SUNDAR, US
[72] CHOW, CHRISTINA, US
[71] BOW RIVER LLC, US
[85] 2019-11-07
[86] 2017-05-16 (PCT/US2017/032924)
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[30] US (15/596,585) 2017-05-16

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[13] A1
[51] **Int.Cl. G10K 11/175 (2006.01) H04R 1/02 (2006.01) H04R 1/20 (2006.01)**
[25] EN
[54] **SELF-POWERED LOUDSPEAKER FOR SOUND MASKING**
[54] **HAUT-PARLEUR AUTO-ALIMENTE POUR MASQUAGE SONORE**
[72] COOK, GORDON V., US
[72] NOLLMAN, MITCHELL, US
[71] CAMBRIDGE SOUND MANAGEMENT, INC., US
[85] 2019-11-07
[86] 2017-05-18 (PCT/US2017/033303)
[87] (WO2017/201269)
[30] US (62/339,417) 2016-05-20

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[51] **Int.Cl. G06F 17/00 (2019.01) G06F 16/903 (2019.01)**
[25] EN
[54] **INTEGRATING VIRTUAL AND HUMAN AGENTS IN A MULTI-CHANNEL SUPPORT SYSTEM FOR COMPLEX SOFTWARE APPLICATIONS**
[54] **INTEGRATION D'AGENTS VIRTUELS ET HUMAINS DANS UN SYSTEME D'ASSISTANCE MULTICANAL POUR DES APPLICATIONS LOGICIELLES COMPLEXES**
[72] INDYK, BENJAMIN, US
[72] PODGORNY, IGOR A., US
[72] CANNON, MATTHEW, US
[72] GIELOW, CHRIS, US
[71] INTUIT INC., US
[85] 2019-11-07
[86] 2017-05-25 (PCT/US2017/034536)
[87] (WO2018/217208)
[30] US (15/603,112) 2017-05-23

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[13] A1
[51] **Int.Cl. A23K 10/30 (2016.01) A23K 20/147 (2016.01) A23K 20/163 (2016.01) A23K 50/75 (2016.01) A23L 33/105 (2016.01) A23L 33/185 (2016.01) A23J 1/00 (2006.01) A23N 17/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR THE PRODUCTION OF NON-RUMINANT ANIMAL FEED**
[54] **PROCEDE ET SYSTEME POUR LA PRODUCTION D'ALIMENTS POUR ANIMAUX NON RUMINANTS**
[72] SANDERS, JOHAN PIETER MARINUS, NL
[72] KOOPMANS, SYBRANDUS, NL
[71] GRASSA B.V., NL
[85] 2019-11-07
[86] 2018-04-30 (PCT/NL2018/050280)
[87] (WO2018/208147)
[30] NL (2018873) 2017-05-09

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[13] A1
[51] **Int.Cl. G06K 9/48 (2006.01) G06K 9/00 (2006.01) G06K 9/20 (2006.01)**
[25] EN
[54] **DETECTING FONT SIZE IN A DIGITAL IMAGE**
[54] **DETECTION DE TAILLE DE POLICE DANS UNE IMAGE NUMERIQUE**
[72] CHIANG, PEIJUN, US
[72] YELLAPRAGADA, VIJAY, US
[71] INTUIT INC., US
[85] 2019-11-07
[86] 2017-06-07 (PCT/US2017/036292)
[87] (WO2018/226218)
[30] US (15/614,298) 2017-06-05

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[13] A1
[51] **Int.Cl. G06K 9/32 (2006.01) G06K 9/00 (2006.01) G06K 9/22 (2006.01)**
[25] EN
[54] **OUT-OF-BOUNDS DETECTION OF A DOCUMENT IN A LIVE CAMERA FEED**
[54] **DETECTION HORS LIMITES D'UN DOCUMENT DANS UN FLUX DE CAMERA EN DIRECT**
[72] YELLAPRAGADA, VIJAY, US
[72] CHIANG, PEIJUN, US
[72] LEE, DANIEL, US
[72] HALL, JASON, US
[72] SOLIWAL, SHAILESH, US
[71] INTUIT INC., US
[85] 2019-11-07
[86] 2017-06-15 (PCT/US2017/037763)
[87] (WO2018/231238)
[30] US (15/623,113) 2017-06-14

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[13] A1
[51] **Int.Cl. G06K 9/20 (2006.01) G06K 9/34 (2006.01)**
[25] EN
[54] **DETECTING LONG DOCUMENTS IN A LIVE CAMERA FEED**
[54] **DETECTION DE DOCUMENTS LONGS DANS UNE ALIMENTATION DE CAMERA EN DIRECT**
[72] YELLAPRAGADA, VIJAY, US
[72] CHIANG, PEIJUN, US
[72] LEE, DANIEL, US
[72] HALL, JASON, US
[72] SOLIWAL, SHAILESH, US
[71] INTUIT INC., US
[85] 2019-11-07
[86] 2017-06-16 (PCT/US2017/037835)
[87] (WO2018/231243)
[30] US (15/623,008) 2017-06-14

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **DYNAMIC REPUTATION SCORE FOR A DIGITAL IDENTITY**
[54] **SCORE DE REPUTATION DYNAMIQUE POUR UNE IDENTITE NUMERIQUE**
[72] JOSHI, REKHA, US
[71] INTUIT INC., US
[85] 2019-11-07
[86] 2017-06-30 (PCT/US2017/040479)
[87] (WO2019/005150)
[30] US (15/634,221) 2017-06-27

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[13] A1
[51] **Int.Cl. G06N 99/00 (2019.01)**
[25] EN
[54] **NONLINEAR CALIBRATION OF A QUANTUM COMPUTING APPARATUS**
[54] **ETALONNAGE NON LINEAIRE D'UN APPAREIL INFORMATIQUE QUANTIQUE**
[72] MARTINIS, JOHN, US
[72] CHEN, YU, US
[72] NEVEN, HARTMUT, US
[72] KAFRI, DVIR, US
[71] GOOGLE LLC, US
[85] 2019-11-07
[86] 2017-12-15 (PCT/US2017/066783)
[87] (WO2019/005206)
[30] US (62/525,058) 2017-06-26

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[13] A1
[51] **Int.Cl. A23L 19/00 (2016.01) A23L 5/10 (2016.01) A23L 5/30 (2016.01) A23L 19/18 (2016.01) A23L 33/00 (2016.01) A23B 7/015 (2006.01)**
[25] EN
[54] **ATMOSPHERICALLY FRIED CRISPS, EQUIPMENT AND METHOD FOR MAKING SAME**
[54] **CHIPS FRITES EN CONDITIONS ATMOSPHERIQUES, EQUIPEMENT ET LEUR PROCEDE DE FABRICATION**
[72] BHASKAR, AJAY RAJESHWAR, US
[72] RUEGG, RICHARD JAMES, US
[72] SULLIVAN, LESLIE SCOTT, US
[71] FRITO-LAY NORTH AMERICA, INC., US
[85] 2019-11-07
[86] 2018-01-02 (PCT/US2018/012035)
[87] (WO2018/236418)
[30] US (15/629,425) 2017-06-21

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[13] A1
[51] **Int.Cl. F16K 37/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS TO CHARACTERIZE FLUID CONTROL VALVES**
[54] **APPAREIL ET PROCEDES POUR CARACTERISER DES VANNES DE REGULATION DE FLUIDE**
[72] IMSLAND, THOMAS A., US
[72] SEYLLER, JEFFREY D., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2019-11-07
[86] 2018-04-30 (PCT/US2018/030176)
[87] (WO2018/212974)
[30] US (15/599,145) 2017-05-18

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[13] A1
[51] **Int.Cl. A61B 17/80 (2006.01)**
[25] EN
[54] **BONE FIXATION IMPLANTS AND METHODS**
[54] **IMPLANTS ET PROCEDES DE FIXATION OSSEUSE**
[72] MADJAROV, JEKO METODIEV, US
[72] MADJAROV, SOPHIA JEKOVA, US
[72] MADZHAROV, SVETOZAR, US
[71] MADJAROV, JEKO METODIEV, US
[85] 2019-11-07
[86] 2018-05-02 (PCT/US2018/030616)
[87] (WO2018/208551)
[30] US (15/591,444) 2017-05-10

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[13] A1
[51] **Int.Cl. A61K 9/08 (2006.01) A61K 38/39 (2006.01) A61K 47/18 (2017.01) A61K 47/26 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **STABLE FORMULATIONS OF FIBRONECTIN BASED SCAFFOLD DOMAIN PROTEINS THAT BIND TO MYOSTATIN**
[54] **FORMULATIONS STABLES DE PROTEINES DE DOMAINE D'ECHAFAUDAGE A BASE DE FIBRONECTINE SE LIANT A LA MYOSTATINE**
[72] NASHINE, VISHAL C., US
[72] PATEL, RUSHIKESH K., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[30] US (62/500,649) 2017-05-03

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[54] **PARENTERAL NUTRITION DIAGNOSTIC SYSTEM, APPARATUS, AND METHOD**
[54] **SYSTEME, APPAREIL ET PROCEDE DE DIAGNOSTIC DE NUTRITION PARENTERALE**
[72] LIPSCHULTZ, STEPHEN A., US
[72] PARSAD, NIGEL M., US
[72] SILVERSTEIN, JONATHAN, US
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE S.A., CH
[85] 2019-11-07
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[30] US (62/503,670) 2017-05-09

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[51] **Int.Cl. C07C 279/14 (2006.01) A61K 9/00 (2006.01) A61K 31/221 (2006.01) A61K 31/428 (2006.01) A61K 31/54 (2006.01) A61K 31/575 (2006.01) A61P 21/06 (2006.01)**
[25] EN
[54] **TASTE-MODIFIED CREATINE SALTS, COMPOUNDS, COMPOSITIONS AND USES THEREOF**
[54] **SELS DE CREATINE AU GOUT MODIFIE , COMPOSES, COMPOSITIONS ET LEURS UTILISATIONS**
[72] LEBEDYEVA, IRYNA, US
[72] KLUG, CHRISTOPHER, US
[71] AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC., US
[85] 2019-11-07
[86] 2018-05-07 (PCT/US2018/031319)
[87] (WO2018/208647)
[30] US (62/505,179) 2017-05-12

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[51] **Int.Cl. G06T 19/00 (2011.01) G06T 15/00 (2011.01) G06T 17/00 (2006.01)**
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[54] **SYSTEM AND METHODS FOR 3D MODEL EVALUATION**
[54] **SYSTEME ET PROCEDES D'EVALUATION DE MODELE 3D**
[72] WARNER, GLENN, US
[72] POWERS, PAUL, US
[71] PHYSNA LLC, US
[85] 2019-11-07
[86] 2018-05-08 (PCT/US2018/031554)
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[54] **HOT FILL CONTAINER WITH WAVY GROOVE**
[54] **CONTENANT DE REMPLISSAGE A CHAUD A RAINURE ONDULEE**
[72] KLOK, JEFFREY, US
[72] STEWARD, STERLING LANE, US
[72] GOVINDARAJAN, VENKAT, US
[72] SHI, FENG, US
[71] THE COCA-COLA COMPANY, US
[85] 2019-11-07
[86] 2018-05-09 (PCT/US2018/031788)
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[54] **NIGHT VISION GOGGLE ADAPTER**
[54] **ADAPTATEUR DE LUNETTES DE VISION NOCTURNE**
[72] SOTO, RONALD R., US
[72] PRENDERGAST, JONATHON R., US
[71] NOROTOS, INC., US
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[54] **STABLE CANNABINOID FORMULATIONS**
[54] **FORMULATIONS DE CANNABINOIDES STABLES**
[72] VANGARA, KIRAN KUMAR, US
[72] LI, HUAGUANG, US
[72] YAN, NINGXIN, US
[72] NGUYEN, HUNG Q., US
[72] GOSKONDA, VENKAT R., US
[71] INSYS DEVELOPMENT COMPANY, INC., US
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[51] **Int.Cl. G05B 15/02 (2006.01) G06F 3/041 (2006.01)**
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[54] **TINTABLE WINDOW SYSTEM COMPUTING PLATFORM**
[54] **PLATE-FORME INFORMATIQUE DE SYSTEME DE FENETRES POUVANT ETRE TEINTES**
[72] TRIKHA, NITESH, US
[72] BROWN, STEPHEN CLARK, US
[72] SHRIVASTAVA, DHAIRYA, US
[72] ROZBICKI, ROBERT T., US
[71] VIEW, INC., US
[85] 2019-10-25
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[87] (WO2018/200702)
[30] US (62/490,457) 2017-04-26
[30] US (62/506,514) 2017-05-15
[30] US (62/507,704) 2017-05-17
[30] US (62/523,606) 2017-06-22
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[54] **TECHNOLOGIES FOR EVALUATING RELATIONSHIPS BETWEEN SOCIAL NETWORKING PROFILES**
[54] **TECHNOLOGIES D'EVALUATION DE RELATIONS ENTRE DES PROFILS DE RESEAUTAGE SOCIAL**
[72] ALLEN, GREGORY, US
[71] RANDOMWALK ANALYTICS INC., D/B/A PAIRITY, US
[85] 2019-11-07
[86] 2018-05-10 (PCT/US2018/031963)
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[25] EN
[54] **TINTABLE WINDOW SYSTEM FOR BUILDING SERVICES**
[54] **SYSTEME DE FENETRE POUVANT ETRE TEINTEE POUR SERVICES DANS UN BATIMENT**
[72] TRIKHA, NITESH, US
[72] BROWN, STEPHEN CLARK, US
[72] SHRIVASTAVA, DHAIRYA, US
[72] ROZBICKI, ROBERT T., US
[71] VIEW, INC., US
[85] 2019-10-25
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[30] US (62/490,457) 2017-04-26
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[54] **DISPLAYS FOR TINTABLE WINDOWS**
[54] **DISPOSITIFS D'AFFICHAGE POUR FENETRES A COMMUTATION OPTIQUE**
[72] TRIKHA, NITESH, US
[72] BROWN, STEPHEN CLARK, US
[72] SHRIVASTAVA, DHAIRYA, US
[72] ROZBICKI, ROBERT T., US
[71] VIEW, INC., US
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[30] US (62/506,514) 2017-05-15
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[54] **FERRITIC ALLOY**
[54] **ALLIAGE FERRITIQUE**
[72] JONSSON, BO, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **DEHYDRATION BELOW THE TRIPLE POINT OF WATER**
[54] **DESHYDRATATION SOUS LE POINT TRIPLE DE L'EAU**
[72] DURANCE, TIMOTHY D, CA
[72] NOORBAKHSH, REIHANEH, CA
[72] FU, JUN, CA
[72] SANDBERG, GARY, CA
[71] ENWAVE CORPORATION, CA
[85] 2019-10-25
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[51] **Int.Cl. A01K 61/13 (2017.01)**
[25] EN
[54] **METHODS, SYSTEMS AND APPARATUS FOR CONTROL OF PARASITE INFESTATION IN AQUATIC ANIMALS**
[54] **PROCEDES, SYSTEMES ET APPAREIL PERMETTANT DE LUTTER CONTRE UNE INFESTATION PARASITAIRE CHEZ DES ANIMAUX AQUATIQUES**
[72] CAMPBELL, PAUL, GB
[72] CONNEELY, MICHAEL, GB
[71] UNIVERSITY OF DUNDEE, GB
[85] 2019-10-25
[86] 2017-05-17 (PCT/GB2017/051368)
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[54] **RISER GAS HANDLING SYSTEM AND METHOD OF USE**
[54] **SYSTEME DE PRISE EN CHARGE DES GAZ DANS UNE COLONNE MONTANTE ET SON PROCEDE D'UTILISATION**
[72] CLARK, ALAN MURRAY, GB
[72] REID, ALAN JOHN, GB
[72] ALLAN, IAN MCQUEEN, GB
[72] BIRKETT, GRAHAM PATERSON, GB
[71] DEEP BLUE OIL & GAS LIMITED, GB
[85] 2019-10-25
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[25] EN
[54] **SYSTEMS AND DEVICES AND METHODS OF MAKING AND USING THE SAME TO PREPARE NUT MILK PRODUCTS**
[54] **SYSTEMES ET DISPOSITIFS ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION POUR PREPARER DES PRODUITS A BASE DE LAIT DE FRUIT A COQUE**
[72] KAISER, ADAM, US
[71] ELEMENTAL DEVICE DESIGN, LLC, US
[85] 2019-11-07
[86] 2018-05-08 (PCT/US2018/031648)
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[30] US (62/503,176) 2017-05-08

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[25] EN
[54] **COMPOUNDS AND METHODS FOR TREATMENT OF VISCERAL PAIN**
[54] **COMPOSES ET METHODES DE TRAITEMENT DE LA DOULEUR VISCERALE**
[72] LASSEN, CHERYL GERALDINE, US
[72] PICCIRILLO, MARCELO FABIAN, US
[71] ARENA PHARMACEUTICALS, INC., US
[85] 2019-11-07
[86] 2018-05-08 (PCT/US2018/031688)
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[51] **Int.Cl. A61K 39/00 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/32 (2006.01)**
[25] EN
[54] **ANTI-CD3-BINDING DOMAINS AND ANTIBODIES COMPRISING THEM, AND METHODS FOR THEIR GENERATION AND USE**
[54] **DOMAINES DE LIAISON ANTI-CD3 ET ANTICORPS LES COMPRENANT, LEURS PROCEDES DE GENERATION ET D'UTILISATION**
[72] WALKER, LAURA M., US
[72] PEJCHAL, ROBERT, US
[72] KRAULAND, ERIC, US
[72] VASQUEZ, MAXIMILIANO, US
[72] LEUNG, MONICA WAI LING, US
[71] ADIMAB, LLC, US
[85] 2019-11-07
[86] 2018-05-08 (PCT/US2018/031705)
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[25] EN
[54] **HOT FILL CONTAINER WITH CORNER SUPPORT COLUMNS**
[54] **RECIPIENT DE REMPLISSAGE A CHAUD COMPRENANT DES COLONNES DE SUPPORT ANGULAIRE**
[72] KLOK, JEFFREY, US
[72] STEWARD, STERLING LANE, US
[72] GOVINDARAJAN, VENKAT, US
[72] SHI, FENG, US
[71] THE COCA-COLA COMPANY, US
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[86] 2018-05-09 (PCT/US2018/031782)
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[30] US (62/504,076) 2017-05-10

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[54] **BIOPSIE A SATURATION PERSONNALISABLE**
[72] STRONGOSKY, DAVID, US
[72] SUKTHANKAR, SUJAT M., US
[71] BEST MEDICAL INTERNATIONAL, INC., US
[85] 2019-11-07
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[51] **Int.Cl. G06F 13/36 (2006.01) G06F 13/37 (2006.01) H04L 12/40 (2006.01) H04L 12/417 (2006.01)**
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[54] **SEQUENTIAL NODE IDENTIFICATION IN MULTIPLE-COMPARTMENT DISPENSING ENCLOSURES**
[54] **IDENTIFICATION DE N□UD SEQUENTIEL DANS DES ENCEINTES DE DISTRIBUTION A COMPARTIMENTS MULTIPLES**
[72] HENTZ, TIMOTHY P., US
[72] ALLEN, JAMES M., US
[71] APEX INDUSTRIAL TECHNOLOGIES LLC, US
[85] 2019-11-07
[86] 2018-05-15 (PCT/US2018/032708)
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[30] US (62/506,495) 2017-05-15

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[51] **Int.Cl. C07D 473/32 (2006.01) C07D 473/40 (2006.01) C07H 19/16 (2006.01)**
[25] EN
[54] **METHOD FOR SYNTHESIZING DIVERSELY SUBSTITUTED PURINES**
[54] **PROCEDE DE SYNTHESE DE PURINES A SUBSTITUTIONS DIVERSES**
[72] DECOUT, JEAN-LUC, FR
[72] ZELLI, RENAUD, FR
[72] ZEINYEH, WAEL, FR
[72] BOUCHERLE, BENJAMIN, FR
[72] HAUDECOEUR, ROMAIN, FR
[71] UNIVERSITE GRENOBLE ALPES, FR
[85] 2019-10-25
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[51] **Int.Cl. E04G 11/48 (2006.01) E04G 17/14 (2006.01) E04G 25/00 (2006.01)**
[25] EN
[54] **SYSTEM, APPARATUS AND METHOD FOR USE IN CONSTRUCTION TO ASSIST IN SUPPORTING SUSPENDED CONCRETE**
[54] **SYSTEME, APPAREIL ET PROCEDE DESTINES A ETRE UTILISES DANS LA CONSTRUCTION POUR FACILITER LE SUPPORT DE BETON SUSPENDU**
[72] COOTE, EAMUS PAUL, AU
[72] CALLANAN, KEITH ANTHONY, AU
[71] COOTE, EAMUS PAUL, AU
[71] CALLANAN, KEITH ANTHONY, AU
[85] 2019-10-29
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[30] AU (2016904174) 2016-10-14
[30] AU (2017901229) 2017-04-04

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[51] **Int.Cl. C09J 133/06 (2006.01)**
[25] EN
[54] **CURABLE FILM-FORMING COMPOSITIONS CONTAINING HYDROXYL FUNCTIONAL ACRYLIC POLYMERS AND BISUREA COMPOUNDS AND MULTILAYER COMPOSITE COATINGS**
[54] **COMPOSITIONS FILMOGENES DURCISSABLES CONTENANT DES POLYMERES ACRYLIQUES A FONCTION HYDROXYLE ET DES COMPOSES DE BISUREE, ET REVETEMENTS COMPOSITES MULTICOUCHES**
[72] LEWIS, JASON RYAN, US
[72] ZHOU, HONGYING, US
[72] LUCHANSKY, MATTHEW S., US
[72] SWARUP, SHANTI, US
[72] BURGMAN, JOHN W., US
[72] JONES, JUSTIN, US
[72] KIRBY, DANIELLE, US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2019-11-07
[86] 2018-05-16 (PCT/US2018/033014)
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[30] US (15/596,127) 2017-05-16

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[54] **A GROUND COVERING FOR OUTDOOR APPLICATION**
[54] **REVETEMENT DE SOL POUR APPLICATION D'EXTERIEUR**
[72] BROWN, GRAHAM KEVIN, AU
[71] COMBITILE PTY LTD, AU
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[86] 2017-10-20 (PCT/AU2017/051141)
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[54] **SOLID FORMS OF BERBERINE URSODEOXYCHOLATE AND COMPOSITIONS AND METHODS THEREOF**
[54] **FORMES SOLIDES DE BERBERINE URSODESOXYCHOLATE, COMPOSITIONS ET PROCEDES ASSOCIES**
[72] YU, MENG, CN
[72] LIU, LIPING, CN
[72] FU, XINXIANG, CN
[71] SHENZHEN HIGHTIDE BIOPHARMACEUTICAL LTD., CN
[85] 2019-11-06
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[30] CN (201710335467.5) 2017-05-12

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[54] **FORMULATIONS OF HOMOTAURINES AND SALTS THEREOF**
[54] **FORMULATIONS D'HOMOTAURINES ET DE LEURS SELS**
[72] JOHNS, STEVEN, US
[72] PAYIE, KENNETH, US
[72] DONIPARTHI, BADRINATH, IN
[71] CONFLUENCE PHARMACEUTICALS, LLC, US
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[30] US (62/507,532) 2017-05-17
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[13] A1
[51] **Int.Cl. F41A 33/00 (2006.01) F41G 3/26 (2006.01)**
[25] EN
[54] **INDIRECT FIRE MISSION TRAINING SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT POUR MISSION A TIR INDIRECT**
[72] ARMSTRONG, MARTYN, GB
[72] SMILES, NEALE, GB
[72] PARKINSON, ALASTAIR, GB
[72] BOISSEL, DAVID, GB
[71] CUBIC CORPORATION, US
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[86] 2017-11-16 (PCT/US2017/062027)
[87] (WO2018/236415)
[30] US (62/522,444) 2017-06-20
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[51] **Int.Cl. A61M 1/28 (2006.01)**
[25] EN
[54] **PERITONEAL DIALYSIS CONCENTRATE, PERITONEAL DIALYSIS BAG AND SET FOR CONTINUOUS AMBULATORY PERITONEAL DIALYSIS OR AUTOMATED PERITONEAL DIALYSIS**
[54] **CONCENTRE DE DIALYSE PERITONEALE, POCHE DE DIALYSE PERITONEALE ET ENSEMBLE DE DIALYSE PERITONEALE AMBULATOIRE CONTINUE OU DIALYSE PERITONEALE AUTOMATISEE**
[72] LU, AARON, CN
[72] LIU, TAO, CN
[72] MA, ZHENGXIN, CN
[72] GONG, MINGTAO, CN
[72] LASHER, RICHARD ALLEN, US
[72] CAO, HAIJUN, CN
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2019-10-31
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[51] **Int.Cl. A61B 5/103 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR VISUALIZING CLINICAL TRIAL SITE PERFORMANCE**
[54] **SYSTEMES ET PROCEDES DE VISUALISATION DES PERFORMANCES D'UN SITE D'ESSAI CLINIQUE**
[72] MORALES, ARTURO J., US
[72] KATZ, NATHANIEL P., US
[71] ANALGESIC SOLUTIONS, US
[85] 2019-11-07
[86] 2018-05-09 (PCT/US2018/031829)
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[30] US (62/503,537) 2017-05-09

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[51] **Int.Cl. F03D 1/06 (2006.01) F03D 9/25 (2016.01) F03D 15/00 (2016.01)**
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[54] **AIGUILLE DE SECURITE A CANULE DEFORMABLE POUR STYLO INJECTEUR**
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[72] LAGANA', MATTEO, IT
[71] SOL-MILLENNIUM SWISS R&D CENTER SA, CH
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[54] **BATTERIE A CATHODE ACIDIFIEE ET ANODE AU LITHIUM**
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[71] HHELI, LLC, US
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[54] **METHOD AND APPARATUS FOR FACILITATING CREATION OF SIMULATION MODEL**
[54] **PROCEDE ET APPAREIL POUR FACILITER LA CREATION D'UN MODELE DE SIMULATION**
[72] NUTT, LARRY EDWIN, US
[72] MARQUINO, WAYNE, US
[71] GE-HITACHI NUCLEAR ENERGY AMERICAS LLC, US
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[54] **SEARCH DOCUMENT INFORMATION STORAGE DEVICE**
[54] **DISPOSITIF DE STOCKAGE D'INFORMATIONS DE DOCUMENT DE RECHERCHE**
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[71] INTERACTIVE SOLUTIONS INC., JP
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[54] **PEPTIDE LIBRARY CONSTRUCTING METHOD**
[54] **PROCEDE DE CONSTRUCTION DE BANQUE DE PEPTIDES**
[72] WANG, ZHUYING, US
[72] LI, XIANGQUN, CN
[71] HUNAN ZONSEN PEPLIB BIOTECH CO., LTD, CN
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[54] **PROCESS FOR REMOVING SULFUR COMPOUNDS FROM A LIQUID COMPOSITION**
[54] **PROCEDE D'ELIMINATION DE COMPOSES SOUFRES D'UNE COMPOSITION LIQUIDE**
[72] ZHOU, WENJUAN, CN
[72] LIEBENS, ARMIN T., CN
[72] DOURNEL, PIERRE, BE
[72] WILLSON, ANDREW, BE
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[54] **SYSTEMS AND METHODS FOR OCULAR DRUG DELIVERY**
[54] **SYSTEMES ET METHODES POUR L'ADMINISTRATION DE MEDICAMENTS PAR VOIE OPHTALMIQUE**
[72] ANDINO, RAFAEL V., US
[72] GODFREY, THOMAS EDWARD, US
[72] HANCOCK, SHELLEY ECKERT, US
[72] PATEL, SAMIRKUMAR, US
[72] STRUDTHOFF, KELEIGH JO, US
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[54] **VIDEO NUMERIQUE MOBILE ET SYSTEME D'ENREGISTREMENT DE DONNEES**
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[72] SHANIN, GEORGE, US
[71] SEON DESIGN (USA) CORP., CA
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[54] **MULTICOMPONENT PLASMONIC PHOTOCATALYSTS CONSISTING OF A PLASMONIC ANTENNA AND A REACTIVE CATALYTIC SURFACE: THE ANTENNA-REACTOR EFFECT**
[54] **PHOTOCATALYSEURS PLASMONIQUES A COMPOSANTS MULTIPLES CONSTITUES D'UNE ANTENNE PLASMONIQUE ET D'UNE SURFACE CATALYTIQUE REACTIVE: EFFET ANTENNE-REACTEUR**
[72] HALAS, NANCY JEAN, US
[72] NORDLANDER, PETER, US
[72] ROBATJAZI, HOSSEIN, US
[72] SWEARER, DAYNE FRANCIS, US
[72] ZHANG, CHAO, US
[72] ZHAO, HANGQI, US
[72] ZHOU, LINAN, US
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[54] **OPTICAL COMPONENT FOR GENERATING A PERIODIC LIGHT PATTERN**
[54] **COMPOSANT OPTIQUE POUR UNE GENERATION DE MOTIFS LUMINEUX PERIODIQUES**
[72] AHLUWALIA, BALPREET SINGH, NO
[72] HUSER, THOMAS R., DE
[72] HELLESO, OLAV GAUTE, NO
[71] UNIVERSITETET I TROMSO - NORGES ARKTISKE UNIVERSITET, NO
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[54] **METHOD OF PREPARING (3R,4S)-3-ACETAMIDO-4-ALLYL-N-(TERT-BUTYL)PYRROLIDINE-3-CARBOXAMIDE**
[54] **PROCEDE DE PREPARATION DE (3R,4S)-3-ACETAMIDO-4-ALLYL-N-(TERT-BUTYL)PYRROLIDINE-3-CARBOXAMIDE**
[72] VAN ZANDT, MICHAEL C., US
[72] SAVOY, JENNIFER L., US
[71] CALITHERA BIOSCIENCES, INC., US
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[54] **PEPTIDES ANTIMICROBIENS A HELICES ALPHA-NOYAUX**
[72] YOUNT, NANNETTE Y., US
[72] YEAMAN, MICHAEL R., US
[71] LOS ANGELES BIOMEDICAL RESEARCH INSTITUTE AT HARBOR-UCLA MEDICAL CENTE, US
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[54] **REACTIVE ULTRAVIOLET ABSORBER AND APPLICATION THEREOF**
[54] **ABSORBEUR REACTIF D'ULTRAVIOLETS ET APPLICATION CORRESPONDANTE**
[72] CHIU, CHINGFAN CHRIS, CN
[72] WU, HUANG-MIN, CN
[72] CHANG, WEI-CHUN, CN
[72] WU, CHI-FENG, CN
[72] CHENG, CHING-HAO, CN
[72] WU, SHAO-HSUAN, CN
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[54] **METHOD FOR PREDICTING RISKS ASSOCIATED WITH HYDRAULIC FRACTURING**
[54] **PROCEDE POUR PRONOSTIQUER LES RISQUES D'UNE FRACTURATION HYDRAULIQUE**
[72] ISAEV, VADIM ISMAILOVICH, RU
[72] KUZNETSOV, DMITRY SERGEEVICH, RU
[72] VELIKANOV, IVAN VLADIMIROVICH, RU
[72] BANNIKOV, DENIS VIKTROVICH, RU
[72] TIKHONOV, ALEXEY ALEXANDROVICH, RU
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **AMINOPYRIDINE COMPOUNDS AND METHODS FOR THE PREPARATION AND USE THEREOF**
[54] **COMPOSES AMINOPYRIDINE ET PROCEDES POUR LEUR PREPARATION ET LEUR UTILISATION**
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[72] KONRADI, ANDREI, US
[72] GALEMMO, ROBERT A., JR., US
[71] CORTEXYME, INC., US
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[54] **BLADE PROFILE TUBE NOZZLE FOR GAS TURBINE**
[54] **BUSE DE TYPE A TUBE DE ROTOR POUR TURBINE A GAZ**
[72] LYU, JIANBO, CN
[72] LUO, HUALING, CN
[72] HU, SHUZHEN, CN
[72] PAN, XIANDE, CN
[72] LIU, GUOFENG, CN
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[54] **ENDOPROTHESE A VALULE POUR REMPLACEMENT ORTHOTOPIQUE DE VALVULE CARDIAQUE DYSFONCTIONNELLE ET SYSTEME D'ADMINISTRATION**
[72] QUIJANO, RODOLFO, US
[72] BERTWELL, RYAN, US
[71] NAVIGATE CARDIAC STRUCTURES, INC., US
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[54] **PLATE-FORME DE PREDICTION DE PHENOTYPE PHARMACOLOGIQUE D'INDIVIDU ET DE GROUPE**
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[72] ALLYN-FEUER, ARI, US
[72] HIGGINS, GERALD A., US
[72] BURNS, JAMES S., US
[72] KALININ, ALEXANDR, US
[72] PAULS, BRIAN, US
[72] ADE, ALEX, US
[72] REAMAROON, NARATHIP, US
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[54] **VERRE CORRECTEUR ET ECRAN DANS UNE STRUCTURE UNITAIRE ET PROCEDE**
[72] GOEBEL QUINTANA, ALEJANDRO A., US
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[54] **IMPRESSION PAR EXTRACTION SOUS VIDE**
[72] REES, JOHN JOSEPH MATTHEWS, US
[72] TSIARKEZOS, STEPHEN, US
[72] ZAFIROGLU, DIMITRI, US
[71] ENGINEERED FLOORS LLC, US
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[54] **ANCHORING SYSTEM FOR A CATHETER DELIVERED DEVICE**
[54] **SYSTEME D'ANCRAGE POUR UN DISPOSITIF DELIVRE PAR UN CATHETER**
[72] ROYER, TRACE, US
[72] PANIAN, TYLER, US
[72] SCHALLER, DAVID, US
[71] ENDOTRONIX, INC., US
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[54] **FLOORCOVERINGS WITH PLANARLY VARIABLE PROPERTIES**
[54] **REVETEMENTS DE SOL A PROPRIETES VARIABLES DANS LE PLAN**
[72] ZAFIROGLU, DIMITRI, US
[72] TSIARKEZOS, STEPHEN, US
[72] REES, JOHN JOSEPH MATTHEWS, US
[71] ENGINEERED FLOORS LLC, US
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[54] **METHODS AND COMPOSITIONS FOR POLYURETHANE DISPERSIONS USING CAPROLACTAM-DERIVED SOLVENTS**
[54] **PROCEDES ET COMPOSITIONS POUR DISPERSIONS DE POLYURETHANE UTILISANT DES SOLVANTS DERIVES DE CAPROLACTAME**
[72] ASIRVATHAM, EDWARD, US
[72] DE LAME, CELINE, BE
[72] FLORES-VASQUEZ, JAIME, US
[71] ADVANSIX RESINS & CHEMICALS LLC, US
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[54] **MOTORIZED DOOR ASSEMBLY WITH SAFETY FEATURES FOR HEATED CABINET**
[54] **ENSEMBLE DE PORTES MOTORISEES A CARACTERISTIQUES DE SECURITE POUR ARMOIRE CHAUFFEE**
[72] WHITAKER, CRAIG, US
[72] WEAVER, EDWARD LEONARD, II, US
[72] ZIEKER, SCOTT A., US
[72] WARNER, CHARLES ELDON, US
[72] KNOLLMAN, RONALD G., US
[71] APEX INDUSTRIAL TECHNOLOGIES LLC, US
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[54] **DISTRIBUTED NODE CLUSTER FOR ESTABLISHING A DIGITAL TOUCHPOINT ACROSS MULTIPLE DEVICES ON A DIGITAL COMMUNICATIONS NETWORK**
[54] **GRAPPE DE N□UDS DISTRIBUES POUR ETABLIR UN POINT DE CONTACT NUMERIQUE SUR DE MULTIPLES DISPOSITIFS SUR UN RESEAU DE COMMUNICATION NUMERIQUE**
[72] MOHANLAL, AMRESH, US
[72] COLLINS, W. DWAYNE, US
[72] MARUPALLY, PAVAN ROY, US
[71] LIVERAMP, INC., US
[85] 2019-11-07
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[54] **APPARATUS AND METHOD FOR PET WASTE CONTAINMENT AND DISPOSAL**
[54] **APPAREIL ET PROCEDE DE CONFINEMENT ET D'ELIMINATION DE DEJECTIONS D'ANIMAL DE COMPAGNIE**
[72] MARTIN, JOHN, US
[72] PALMER, PETER, US
[71] MICROFINE, INC., US
[85] 2019-10-29
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[25] EN
[54] **SYSTEMS AND METHODS FOR ALTERING MICROBIOME TO REDUCE DISEASE RISK AND MANIFESTATIONS OF DISEASE**
[54] **SYSTEMES ET PROCEDES DE MODIFICATION DU MICROBIOME POUR REDUIRE LE RISQUE DE MALADIE ET LES MANIFESTATIONS DE LA MALADIE**
[72] GOEPP, JULIUS GEORGE KONRAD, US
[71] SCALED MICROBIOMICS, LLC, US
[85] 2019-10-28
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[25] EN
[54] **METHODS FOR DETECTING AND TREATING PAIN USING BRAIN ACTIVITY**
[54] **PROCEDES DE DETECTION ET DE TRAITEMENT DE LA DOULEUR A L'AIDE DE L'ACTIVITE CEREBRALE**
[72] SAAB, CARL, US
[71] RHODE ISLAND HOSPITAL, US
[85] 2019-10-29
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[54] **APPARATUS FOR RADIATION DETECTION IN A DIGITAL IMAGING SYSTEM**
[54] **APPAREIL DE DETECTION DE RAYONNEMENT DANS UN SYSTEME D'IMAGERIE NUMERIQUE**
[72] KARIM, KARIM S., CA
[72] GHANBARZADEH, SINA, CA
[71] KA IMAGING INC., CA
[85] 2019-11-08
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[54] **EXPANSION DE LYMPHOCYTES INFILTRANT DES TUMEURS A PARTIR DE TUMEURS LIQUIDES ET LEURS UTILISATIONS THERAPEUTIQUES**
[72] KARYAMPUDI, LAVAKUMAR, US
[72] FARDIS, MARIA, US
[71] IOVANCE BIOTHERAPEUTICS, INC., US
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[54] **VARIABLE-STIFFNESS ROLLER SHADE TUBE**
[54] **TUBE DE STORE A ROULEAU A RIGIDITE VARIABLE**
[72] OGDEN, PETER W., JR., US
[72] NEWMAN, ROBERT C., JR., US
[71] LUTRON TECHNOLOGY COMPANY LLC, US
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[54] **DETECTION OF MISFOLDED TAU PROTEIN**
[54] **DETECTION DE PROTEINE TAU A REPLIEMENT ANORMAL**
[72] SOTO-JARA, CLAUDIO, US
[72] LEBOVITZ, RUSSELL M., US
[72] VOLLRATH, BENEDIKT K., US
[72] SHAHNAWAZ, MOHAMMAD, US
[72] DINAMARCA, NICOLAS MENDEZ, US
[71] AMPRION, INC., US
[71] SOTO-JARA, CLAUDIO, US
[71] LEBOVITZ, RUSSELL M., US
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[71] SHAHNAWAZ, MOHAMMAD, US
[71] DINAMARCA, NICOLAS MENDEZ, US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
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[25] EN
[54] **NANOCELLULOSE-REINFORCED CORRUGATED MEDIUM**
[54] **MILIEU ONDULE RENFORCE PAR DE LA NANOCELLULOSE**
[72] RETSINA, THEODORA, US
[72] NELSON, KIMBERLY, US
[72] HILL, LEE, US
[72] PYLKKANEN, VESA, US
[72] GALLIFORD, TIMOTHY, US
[71] API INTELLECTUAL PROPERTY HOLDINGS, LLC, US
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[54] **WIRE TYING TOOL**
[54] **OUTIL DE LIAGE DE FIL**
[72] BASTONI, MARK L., US
[71] BASTONI, MARK L., US
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[54] **COMBINED CORRECTIVE LENS AND LENS SHIELD**
[54] **VERRE CORRECTEUR COMBINE ET ECRAN A VERRE**
[72] GOEBEL QUINTANA, ALEJANDRO A., US
[71] GOEBEL QUINTANA, ALEJANDRO A., US
[85] 2019-11-01
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[54] **TREATMENT OF GASTROPARESIS WITH TRIAZASPIRO[4.5]DECANONE**
[54] **TRAITEMENT DE LA GASTROPARESIE AU MOYEN DE TRIAZASPIRO[4.5]DECANONE**
[72] CHUANG, EMIL, US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[85] 2019-11-07
[86] 2018-05-11 (PCT/US2018/032270)
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[54] **EMPILEMENT D'ELECTRODIALYSE**
[72] BARBER, JOHN H., CA
[72] GUTOWSKI, WOJCIECH, CA
[72] ZHENG, YONGCHANG, US
[72] MACDONALD, RUSSELL JAMES, US
[71] BL TECHNOLOGIES, INC., US
[85] 2019-10-29
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[54] **NMR METHODS AND SYSTEMS FOR THE RAPID DETECTION OF CANDIDA SPECIES**
[54] **METHODES ET SYSTEMES DE RMN POUR UNE DETECTION RAPIDE D'ESPECES DE CANDIDA**
[72] MANNING, BRENDAN JOHN, US
[72] SNYDER, JESSICA LEE, US
[72] CHANG, BENJAMIN NGUYEN, US
[72] HIGA, TRISSHA RITSUE, US
[72] SHIVERS, ROBERT PATRICK, US
[72] WONG, YIN SHAN CATHY, US
[72] VED, URVI, US
[72] GAMERO, DANIEL, US
[72] LOWERY, THOMAS JAY, JR., US
[71] T2 BIOSYSTEMS, INC., US
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[54] **VACCINE CONTAINING CANCER CELLS INACTIVATED BY PHOTODYNAMIC TREATMENT WITH METAL-BASED COORDINATION COMPLEXES, AND IMMUNOTHERAPY METHOD USING SAME**
[54] **VACCIN CONTENANT DES CELLULES CANCEREUSES INACTIVEES PAR TRAITEMENT PHOTODYNAMIQUE AVEC DES COMPLEXES DE COORDINATION A BASE DE METAL, ET METHODE D'IMMUNOTHERAPIE UTILISANT CE DERNIER**
[72] MANDEL, ARKADY, CA
[71] THERALASE BIOTECH, INC., US
[85] 2019-11-07
[86] 2018-05-11 (PCT/US2018/032274)
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[54] **NOVEL CRYSTALLINE FORMS**
[54] **NOUVELLES FORMES CRISTALLINES**
[72] GOPINATHAN, NISHANTH, US
[72] IRDAM, ERWIN, US
[72] KIESMAN, WILLIAM, US
[72] KWOK, ALBERT, US
[72] LIN, YIQING, US
[72] OSEI-YEBOAH, FREDERICK, US
[72] PETERSON, MATTHEW, US
[72] TRAN, KENNY, US
[72] VASUDEVAN, KALYAN, US
[71] BIOGEN MA INC., US
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[25] EN
[54] **SELF-ASSEMBLED GELS FOR CONTROLLED DELIVERY OF BIOLOGICS AND LABILE AGENTS**
[54] **GEL AUTO-ASSEMBLE DESTINE A L'ADMINISTRATION SOUS CONTROLE D'AGENTS THERMOLABILES**
[72] KARP, JEFFREY, US
[72] JOSHI, NITIN, US
[72] HE, XUEYIN, CA
[72] AMIRAULT, JULIAN, US
[72] LARAMEE, BRITTANY, US
[72] SLAUGHTER, KAI, CA
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
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[54] **BEVERAGE PREPARATION CAPSULES**
[54] **CAPSULE DE PREPARATION DE BOISSON**
[72] WICKS, DAVID X., GB
[72] FLETCHER, PAUL R., GB
[71] LAVAZZA PROFESSIONAL NORTH AMERICA, LLC, US
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[25] EN
[54] **COMPOSITIONS, DEVICES, AND METHODS OF CROHN'S DISEASE SENSITIVITY TESTING**
[54] **COMPOSITIONS, DISPOSITIFS, ET PROCEDES D'EVALUATION DE LA SENSIBILITE A LA MALADIE DE CROHN**
[72] IRANI-COHEN, ZACKARY, US
[72] LADERMAN, ELISABETH, US
[71] BIOMERICA, INC., US
[85] 2019-10-24
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[54] **COMPOSITIONS AND METHODS FOR TREATING PULMONARY HYPERTENSION**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE L'HYPERTENSION PULMONAIRE**
[72] XIE, ZIJIAN, US
[72] WANG, JIAYAN, US
[72] PIERRE, SANDRINE V., US
[72] SHAPIRO, JOSEPH I., US
[71] MARSHALL UNIVERSITY RESEARCH CORPORATION, US
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[54] **EMBRAYAGE A ROUE LIBRE**
[72] JOHNSON, ALAN, US
[71] JOHNSON, ALAN, US
[85] 2019-11-01
[86] 2017-09-20 (PCT/US2017/052515)
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[25] EN
[54] **COMPOSITIONS, DEVICES, AND METHODS OF ULCERATIVE COLITIS SENSITIVITY TESTING**
[54] **COMPOSITIONS, DISPOSITIFS, ET METHODES D'ANALYSE DE LA SENSIBILITE A LA COLITE ULCEREUSE**
[72] IRANI-COHEN, ZACKARY, US
[72] LADERMAN, ELISABETH, US
[71] BIOMERICA, INC., US
[85] 2019-10-24
[86] 2017-04-20 (PCT/US2017/028696)
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[25] EN
[54] **NATURAL LANGUAGE PROCESSING USING CONTEXT-SPECIFIC WORD VECTORS**
[54] **TRAITEMENT DE LANGAGE NATUREL A L'AIDE DE VECTEURS DE MOTS SPECIFIQUES AU CONTEXTE**
[72] MCCANN, BRYAN, US
[72] XIONG, CAIMING, US
[72] SOCHER, RICHARD, US
[71] SALESFORCE.COM, INC., US
[85] 2019-11-07
[86] 2018-05-18 (PCT/US2018/033487)
[87] (WO2018/213763)
[30] US (62/508,977) 2017-05-19
[30] US (62/536,959) 2017-07-25
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[54] **VIDEO MATRIX BARCODE SYSTEM**
[54] **SYSTEME DE CODE-BARRES MATRICIEL DE VIDEO**
[72] SHAH, NISHIT KAMLESH, IN
[72] MUTHUKRISHNAN, RAVI KRISHNAN, IN
[72] KUMBALATH, KRISHNAPRASAD, IN
[72] NILESH, SHAKTI, IN
[72] GANLAPARTHI, RAGHAVENDRA, IN
[72] LAWANGE, ROHIT, IN
[72] YALAL, SOUJANYA, IN
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2019-10-24
[86] 2017-05-09 (PCT/US2017/031780)
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[54] **MODULAR SEISMIC NODE**
[54] **N□UD SISMIQUE MODULAIRE**
[72] OLIVIER, ANDRE W., US
[72] FICKERT, GARY LEE, US
[72] SUMNERS, JONATHAN TAYLOR, US
[72] DE PALM, CHRISTOPHER NICHOLAS, US
[71] ION GEOPHYSICAL CORPORATION, US
[85] 2019-11-07
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[30] US (62/511,105) 2017-05-25
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[25] EN
[54] **STABILIZATION OF LOOPED FABRIC SURFACES BY FINE-SCALE EMBOSSING**
[54] **STABILISATION DE SURFACES DE TISSU DE BOUCLE PAR GAUFRAGE A PETITE L'ECHELLE**
[72] TSIARKEZOS, STEPHEN, US
[72] ZAFIROGLU, DIMITRI, US
[72] REES, JOHN JOSEPH MATTHEWS, US
[71] ENGINEERED FLOORS LLC, US
[85] 2019-11-07
[86] 2018-06-08 (PCT/US2018/036601)
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[30] US (62/517,440) 2017-06-09

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[51] **Int.Cl. H01L 25/065 (2006.01) H01L 21/50 (2006.01) H01L 21/54 (2006.01) H01L 21/98 (2006.01) H01L 23/10 (2006.01)**
[25] EN
[54] **DIE ENCAPSULATION IN OXIDE BONDED WAFER STACK**
[54] **ENCAPSULATION DE PUCE DANS UN EMPILEMENT DE TRANCHES LIEES PAR OXYDE**
[72] DRAB, JOHN J., US
[72] MILNE, JASON G., US
[71] RAYTHEON COMPANY, US
[85] 2019-10-24
[86] 2017-11-16 (PCT/US2017/061922)
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[30] US (15/596,663) 2017-05-16

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[25] EN
[54] **CHEMICAL HEAT SOURCES FOR USE IN DOWN-HOLE OPERATIONS**
[54] **SOURCES DE CHALEUR CHIMIQUE DESTINEES A ETRE UTILISEES DANS DES OPERATIONS DE FOND DE TROU**
[72] CARRAGHER, PAUL, GB
[72] OWEN, RAY, GB
[71] BISN TEC LTD, GB
[85] 2019-11-01
[86] 2017-05-05 (PCT/GB2017/051262)
[87] (WO2017/191471)
[30] GB (1607912.1) 2016-05-06
[30] GB (1705149.1) 2017-03-30

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[54] **A COVER**
[54] **COUVERCLE**
[72] DILLON, DARREN JOHN, AU
[71] IAMADILLO PTY LTD, AU
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[86] 2018-05-16 (PCT/AU2018/050458)
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[25] EN
[54] **MOSQUITO ATTRACTING DEVICE AND SYSTEM USING THE SAME**
[54] **DISPOSITIF ATTIRANT LES MOUSTIQUES ET SYSTEME UTILISANT CE DERNIER**
[72] SMITH, MARK, CA
[72] VASUDEVA, KAILASH C., CA
[71] MAXTECH MOSQUITO CONTROL INC., CA
[85] 2019-11-08
[86] 2018-05-09 (PCT/CA2018/050551)
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[30] US (62/503,415) 2017-05-09
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[25] EN
[54] **DEVICES, SYSTEMS AND METHODS RELATING TO HAND-HELD COMMUNICATIONS DEVICES FOR IN SITU DIFFERENTIATION BETWEEN VIRAL AND NON-VIRAL INFECTIONS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES RELATIFS A DES DISPOSITIFS DE COMMUNICATION PORTATIFS POUR LA DIFFERENCIATION IN SITU ENTRE DES INFECTIONS VIRALES ET NON VIRALES**
[72] WHITEHEAD, PETER D., CA
[71] YES BIOTECHNOLOGY INC., CA
[85] 2019-11-08
[86] 2018-05-09 (PCT/CA2018/050555)
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[30] US (62/503,816) 2017-05-09

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[25] EN
[54] **DEVICES, SYSTEMS AND METHODS RELATING TO THERMOMETER HOUSINGS FOR ATTACHMENT TO HAND-HELD THERMOMETERS FOR IN SITU DIFFERENTIATION BETWEEN VIRAL AND NON-VIRAL INFECTIONS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES SE RAPPORTANT A DES BOITIERS DE THERMOMETRE DESTINES A ETRE FIXES A DES THERMOMETRES PORTATIFS POUR UNE DIFFERENCIATION IN SITU ENTRE DES INFECTIONS VIRALES ET NON VIRALES**
[72] WHITEHEAD, PETER D., CA
[71] YES BIOTECHNOLOGY INC., CA
[85] 2019-11-08
[86] 2018-05-09 (PCT/CA2018/050556)
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[30] US (62/503,822) 2017-05-09

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[51] **Int.Cl. A61B 5/0472 (2006.01) A61B 5/0402 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR QRS COMPLEX DETECTION IN COMPRESSIVELY SENSED ELECTROCARDIOGRAM DATA**
[54] **SYSTEME ET PROCEDE DE DETECTION D'UN COMPLEXE QRS DANS DES DONNEES D'ELECTROCARDIOGRAMME DETECTEES PAR COMPRESSION**
[72] KRISHNAN, SRIDHAR (SRI), CA
[72] PANT, JEEVAN KUMAR, CA
[71] KRISHNAN, SRIDHAR (SRI), CA
[71] PANT, JEEVAN KUMAR, CA
[85] 2019-11-08
[86] 2017-05-11 (PCT/CA2017/050567)
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[51] **Int.Cl. A01G 3/037 (2006.01)**
[25] EN
[54] **A POWER TOOL AND A DRIVING MECHANISM FOR USE IN A POWER TOOL**
[54] **OUTIL ELECTRIQUE ET MECANISME D'ENTRAINEMENT DESTINE A ETRE UTILISE DANS UN OUTIL ELECTRIQUE**
[72] LAM, CHIN HUNG RICKY, CN
[72] WANG, YU LONG, CN
[72] NESOM, JEFF, CN
[71] TTI (MACAO COMMERICAL OFFSHORE) LIMITED, CN
[85] 2019-11-08
[86] 2017-05-09 (PCT/CN2017/083573)
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[51] **Int.Cl. A61K 47/38 (2006.01) A61K 9/14 (2006.01) A61K 31/192 (2006.01) A61K 47/34 (2017.01) A61K 47/36 (2006.01) A61P 27/02 (2006.01) A61P 27/06 (2006.01) C07C 65/19 (2006.01)**
[25] EN
[54] **OCULAR DRUG DELIVERY FORMULATION**
[54] **FORMULATION POUR L'ADMINISTRATION D'UN MEDICAMENT POUR LES YEUX**
[72] HOSSAIN, SAZZAD, CA
[72] YADAV, VIKRAMADITYA GANAPATI, CA
[72] KABIRI, MARYAM, CA
[71] INMED PHARMACEUTICALS INC., CA
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[86] 2018-05-08 (PCT/CA2018/050548)
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[30] US (62/503,258) 2017-05-08

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[54] **FILMS MULTICOUCHES DE SERRE A BASE DE POLYOLEFINE A TRANSPARENCE ELEVEE**
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[72] YUN, XIAOBING, CN
[72] DU, LIBO, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **METHOD FOR MOVING BETWEEN COMMUNICATION SYSTEMS AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE PASSAGE D'UN SYSTEME DE COMMUNICATION A L'AUTRE**
[72] JIN, HUI, CN
[72] DOU, FENGHUI, CN
[72] YANG, HAORUI, CN
[72] HE, YUE, CN
[72] OUYANG, GUOWEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[25] EN
[54] **METHOD FOR PREPARING SHOE SHELL, AND TWICE OPENING-MOLD SHOE-MAKING MOLD**
[54] **METHODE DE PREPARATION D'UNE COQUE DE CHAUSSURE, ET MOULE DE FABRICATION DE CHAUSSURE A MOULE A DOUBLE OUVERTURE**
[72] CHEN, ZHAOZHU, CN
[71] DONGGUAN RAISE SHOE MATERIAL LIMITED, CN
[85] 2019-11-08
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[54] **APPARATUS AND RELATED INDUSTRIAL APPLICATIONS WITH SOLID-STATE RF ENERGY TECHNOLOGY**
[54] **APPAREIL ET APPLICATIONS INDUSTRIELLES ASSOCIEES FAISANT APPEL A LA TECHNOLOGIE DE L'ENERGIE RF A L'ETAT SOLIDE**
[72] VAN ERP, JOOST, NL
[71] GEA FOOD SOLUTIONS BAKEL B.V., NL
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[54] **LED LAMP WITH GRAPHENE RADIATOR**
[54] **LAMPE A DEL A DISSIPATION DE CHALEUR A BASE DE GRAPHENE**
[72] LI, HERAN, CN
[72] LI, QING, CN
[72] CHEN, WEI, CN
[71] HUZHOU MINGSHUO OPTOELECTRONIC TECHNOLOGY CO., LTD., CN
[71] TUNGHSU OPTOELECTRONIC TECHNOLOGY CO., LTD., CN
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[25] EN
[54] **LAMP LIGHT SOURCE ASSEMBLY, ILLUMINATION ASSEMBLY, AND ILLUMINATION LAMP FOR ROAD ILLUMINATION**
[54] **ENSEMBLE SOURCE DE LUMIERE DE LAMPE, ENSEMBLE D'ECLAIRAGE ET LAMPE D'ECLAIRAGE POUR L'ECLAIRAGE D'UNE ROUTE**
[72] CHEN, WEI, CN
[72] ZHOU, LIBIN, CN
[72] JIANG, WEI, CN
[71] HUZHOU MINGSHUO OPTOELECTRONIC TECHNOLOGY CO., LTD., CN
[71] TUNGHSU OPTOELECTRONIC TECHNOLOGY CO., LTD., CN
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[54] **METHODS FOR IDENTIFYING AND USING SMALL RNA PREDICTORS**
[54] **METHODES D'IDENTIFICATION ET D'UTILISATION DE PREDICTEURS DE PETITS ARN**
[72] SALZMAN, DAVID, US
[71] SRNALYTICS, INC., US
[85] 2019-07-23
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[54] **FUSED TRICYCLIC COMPOUNDS AND USES THEREOF IN MEDICINE**
[54] **COMPOSES TRYCICLIQUES CONDENSES ET UTILISATIONS CORRESPONDANTES EN MEDECINE**
[72] LIU, XINCHANG, CN
[72] REN, QINGYUN, CN
[72] HUANG, JIANZHOU, CN
[72] XIONG, ZHIMIN, CN
[72] XIONG, JINFENG, CN
[72] LI, YOU, CN
[72] LIU, YANG, CN
[72] ZOU, ZHIFU, CN
[72] YAN, GUANGHUA, CN
[72] GOLDMANN, SIEGFRIED, CN
[72] ZHANG, YINGJUN, CN
[71] SUNSHINE LAKE PHARMA CO., LTD., CN
[71] NORTH & SOUTH BROTHER PHARMACY INVESTMENT COMPANY LIMITED, CN
[85] 2019-11-08
[86] 2018-06-02 (PCT/CN2018/089699)
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[54] **APPARATUS AND METHODS FOR OBSCURED FEATURE DETECTION**
[54] **APPAREIL ET PROCEDES DE DETECTION DE CARACTERISTIQUES CACHEES**
[72] DORROUGH, DAVID M., US
[72] TOBORG, DANIEL SCOTT, US
[71] FRANKLIN SENSORS INC., US
[85] 2019-10-25
[86] 2017-07-06 (PCT/US2017/040901)
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[51] **Int.Cl. F16L 1/14 (2006.01) B66C 1/56 (2006.01) E21B 19/06 (2006.01)**
[25] EN
[54] **DEVICE FOR UNCOUPLING A PLUG FROM A PULLING HEAD**
[54] **DISPOSITIF DE DESACCOUPLEMENT D'UN BOUCHON D'UNE TETE DE TRACTION**
[72] FIORENZA DE LIMA, HENRI, BR
[72] ALMEIDA CAMERINI, DANIEL, BR
[72] CARVALHO FERREIRA, RODRIGO, BR
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
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[51] **Int.Cl. A61B 6/00 (2006.01) A61B 6/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING AN X-RAY IMAGING DEVICE**
[54] **SYSTEMES ET PROCEDES DE COMMANDE D'UN DISPOSITIF D'IMAGERIE PAR RAYONS X**
[72] XIAO, YONGQIN, CN
[72] JIN, SHOUYUAN, CN
[71] SHANGHAI UNITED IMAGING HEALTHCARE CO., LTD., CN
[85] 2019-10-28
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[51] **Int.Cl. A61B 5/16 (2006.01) G16H 50/30 (2018.01) A61B 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MEASURING AND MANAGING A PHYSIOLOGICAL-EMOTIONAL STATE**
[54] **SYSTEMES DE MESURE ET DE GESTION D'UN ETAT PHYSIOLOGIQUE-EMOTIONNEL.**
[72] DONALDS, RACHAEL, US
[71] BIOSAY, INC., US
[85] 2019-10-28
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[25] EN
[54] **UPLINK CARRIER ACCESS**
[54] **ACCES A UNE PORTEUSE DE LIAISON MONTANTE**
[72] NIU, LI, CN
[72] ZHAO, YAJUN, CN
[71] ZTE CORPORATION, CN
[85] 2019-10-29
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[51] **Int.Cl. A01K 61/60 (2017.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OFF-SHORE & IN-SHORE AQUACULTURE USING FLOATING CLOSED CONTAINMENT FARMING AND AMALGAMATED FACILITY**
[54] **SYSTEME ET PROCEDE D'AQUACULTURE EN MER ET COTIER UTILISANT L'ELEVAGE EN PARC CLOS FLOTTANT ET INSTALLATION COMBINEE**
[72] LEOW, BAN TAT, SG
[71] AME2 PTE LTD, SG
[85] 2019-10-28
[86] 2017-10-02 (PCT/SG2017/050494)
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[25] EN
[54] **SYSTEM AND METHOD FOR MARKING AND IDENTIFYING AN OBJECT**
[54] **SYSTEME ET PROCEDE DE MARQUAGE ET D'IDENTIFICATION D'OBJET**
[72] KESSLER, ANDREW CHARLES, ZA
[71] ROYAL SQUARE INVESTMENTS CC, ZA
[85] 2019-10-29
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[87] (WO2018/069901)
[30] ZA (2016/02554) 2016-10-14

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[51] **Int.Cl. A01D 84/00 (2006.01)**
[25] EN
[54] **HAY TEDDING AND WINDROWING DEVICE**
[54] **DISPOSITIF DE FANAGE ET D'ANDAINAGE DE FOIN**
[72] MIKKAELSSON, EIRIKUR, IS
[72] EIRIKSSON, EIRIKUR R., IS
[72] EIRIKSSON, EYTHOR R., DK
[71] ERE EHF., IS
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[86] 2017-06-30 (PCT/IS2017/050011)
[87] (WO2018/002959)
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[51] **Int.Cl. B07B 13/065 (2006.01) B07B 1/46 (2006.01)**
[25] EN
[54] **ADJUSTMENT MECHANISM FOR GRADING SYSTEMS**
[54] **MECANISME DE REGLAGE POUR SYSTEMES DE CLASSIFICATION**
[72] RAGNARSSON, EGILL THOR, IS
[71] STYLE EHF., IS
[85] 2019-10-30
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[51] **Int.Cl. H04W 72/04 (2009.01) H04W 72/02 (2009.01) H04W 72/12 (2009.01)**
[25] EN
[54] **USER TERMINAL AND RADIO COMMUNICATION METHOD**
[54] **TERMINAL UTILISATEUR ET PROCEDE DE COMMUNICATION SANS FIL**
[72] TAKEDA, KAZUKI, JP
[72] NAGATA, SATOSHI, JP
[72] WANG, LIHUI, CN
[72] HOU, XIAOLIN, CN
[71] NTT DOCOMO, INC., JP
[85] 2019-10-30
[86] 2017-05-02 (PCT/JP2017/017295)
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[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **USER TERMINAL AND RADIO COMMUNICATION METHOD**
[54] **TERMINAL UTILISATEUR ET PROCEDE DE COMMUNICATION SANS FIL**
[72] HARADA, HIROKI, JP
[72] TAKEDA, KAZUKI, JP
[72] NAGATA, SATOSHI, JP
[71] NTT DOCOMO, INC., JP
[85] 2019-10-30
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[51] **Int.Cl. G02C 9/00 (2006.01) G02C 7/02 (2006.01) G02C 9/04 (2006.01)**
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[54] **MAGNETIC EYEGLASSES ATTACHMENTS COMPRISING DECORATIVE ELEMENTS AND/OR FUNCTIONAL ELEMENTS INCLUDING LENSES**
[54] **ACCESSOIRES DE LUNETTES MAGNETIQUES COMPRENANT DES ELEMENTS DECORATIFS ET/OU DES ELEMENTS FONCTIONNELS COMPRENANT DES LENTILLES**
[72] JIN, JING, CN
[72] JIN, HUI, CN
[72] PENG, RENXIN, CN
[71] JIN, JING, CN
[71] JIN, HUI, CN
[71] PENG, RENXIN, CN
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[54] **A PERSONAL TRANSPORT APPARATUS**
[54] **APPAREIL DE TRANSPORT PERSONNEL**
[72] KOCH, JASON, AU
[72] DE GAYE, DANIEL JAMES, AU
[71] SKATE INNOVATION PTY LTD, AU
[85] 2019-10-31
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[25] EN
[54] **FLOORINGS PREPARED FROM COMPOSITES COMPRISING EXPANDED THERMOPLASTIC ELASTOMER PARTICLES**
[54] **REVETEMENTS DE SOL PREPARES A PARTIR DE COMPOSITES COMPRENANT DES PARTICULES D'ELASTOMERE THERMOPLASTIQUE EXPANSE**
[72] PRISSOK, FRANK, DE
[72] QIAN, ZHEN YU, CN
[72] CAI, JIANDONG, SG
[72] HERBST, ANNA KRISTIN, SG
[72] LI, XUE DONG, CN
[72] LUO, KUN, CN
[71] BASF SE, DE
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[25] EN
[54] **ADJUSTABLE DOSING FLUID DISPENSER FOR FLEXIBLE FLUID PACKAGES**
[54] **DISTRIBUTEUR DE FLUIDE DOSEUR REGLABLE POUR EMBALLAGES DE FLUIDE SOUPLES**
[72] LAFLAMME, ROGER J., US
[72] WARNER, JIM, US
[71] INNOVATION COOPERATIVE 3D, LLC, US
[85] 2019-10-17
[86] 2017-04-27 (PCT/US2017/029895)
[87] (WO2017/189873)
[30] US (62/328,120) 2016-04-27
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[51] **Int.Cl. A61M 1/00 (2006.01) A61B 17/34 (2006.01)**
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[54] **MICRO-LIPO NEEDLE DEVICES AND USE THEREOF**
[54] **DISPOSITIFS A MICRO-LIPO-AIGUILLES ET LEUR UTILISATION**
[72] CONLAN, BRADFORD A., US
[72] FORNACE, LUCAS, US
[71] AURASTEM LLC, US
[85] 2019-10-28
[86] 2017-04-28 (PCT/US2017/030247)
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[51] **Int.Cl. H04L 1/18 (2006.01)**
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[54] **DATA RE-TRANSMISSION CONTROL METHOD AND RELATED PRODUCT**
[54] **PROCEDE DE COMMANDE DE RETRANSMISSION DE DONNEES ET PRODUIT ASSOCIE**
[72] LIN, YANAN, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-10-31
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[51] **Int.Cl. H04W 74/04 (2009.01)**
[25] EN
[54] **SCHEDULING REQUEST TRANSMISSION CONTROL METHOD AND RELATED PRODUCT**
[54] **PROCEDE DE COMMANDE DE TRANSMISSION DE DEMANDE DE PLANIFICATION ET PRODUIT ASSOCIE**
[72] LIN, YANAN, CN
[72] ZHANG, ZHI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-10-31
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[51] **Int.Cl. A61B 17/22 (2006.01) A61B 17/32 (2006.01) A61B 17/3207 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **DUAL-LUMEN ULTRASONIC CATHETERS, SYSTEMS, AND METHODS**
[54] **CATHETERS ULTRASONORES A DOUBLE LUMIERE, SYSTEMES ET PROCEDES**
[72] HOYE, JESSICA LYNN ROLL, US
[72] YOUNG, AMANDA, US
[72] PARMENTIER, WILLIAM E., US
[71] C. R. BARD, INC., US
[85] 2019-10-28
[86] 2017-04-28 (PCT/US2017/030266)
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[25] EN
[54] **BINDER COMPOSITION FOR MINERAL FIBERS COMPRISING AT LEAST ONE HYDROCOLLOID AND A FATTY ACID ESTER OF GLYCEROL**
[54] **COMPOSITION DE LIANT POUR FIBRES MINERALES COMPRENANT AU MOINS UN HYDROCOLLOIDE ET UN ESTER D'ACIDE GRAS DE GLYCEROL**
[72] HJELMGAARD, THOMAS, DK
[71] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2019-10-31
[86] 2017-11-13 (PCT/EP2017/079094)
[87] (WO2018/206133)
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[30] EP (PCT/EP2017/061418) 2017-05-11

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[51] **Int.Cl. C40B 40/10 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **MULTISPECIFIC PROTEIN DRUG AND LIBRARY THEREOF, PREPARING METHOD THEREFOR AND APPLICATION THEREOF**
[54] **MEDICAMENT PROTEIQUE MULTISPECIFIQUE ET BIBLIOTHEQUE ASSOCIEE, PROCEDE DE PREPARATION ASSOCIE ET APPLICATION ASSOCIEE**
[72] CHOU, JAMES JEIWEN, US
[72] PAN, LIQIANG, CN
[71] ASSEMBLY MEDICINE, LLC., CN
[85] 2019-11-08
[86] 2018-03-22 (PCT/CN2018/080058)
[87] (WO2018/205755)
[30] CN (201710322583.3) 2017-05-09

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **FUNCTIONAL PREDICTION OF CELLULAR FUNCTIONS BY MEANS OF MICRORNA EXPRESSION PROFILING IN MESENCHYMAL STEM CELLS**
[54] **PREDICTION FONCTIONNELLE DES FONCTIONS CELLULAIRES GRACE AU PROFILAGE DE L'EXPRESSION DE MICRO-ARN DANS DES CELLULES SOUCHES MESENCHYMATEUSES**
[72] MALLINSON, DAVID, GB
[72] DUNBAR, DONALD, GB
[72] GOURLAY, ELAINE, GB
[72] OLIJNYK, DARIA, GB
[72] REID, JAMES, GB
[71] SISTEMIC SCOTLAND LTD, GB
[85] 2019-11-08
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[87] (WO2017/194561)
[30] GB (1608081.4) 2016-05-09
[30] GB (1608086.3) 2016-05-09
[30] GB (1608497.2) 2016-05-13

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[51] **Int.Cl. A61K 35/28 (2015.01) A61K 38/02 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **TREATMENT OF MULTIPLE SCLEROSIS WITH LONG ACTING GLATIRAMER AND ADIPOSE-DERIVED STEM CELLS**
[54] **TRAITEMENT DE LA SCLEROSE EN PLAQUES AVEC UN GLATIRAMERE A ACTION PROLONGEE ET DES CELLULES SOUCHES DERIVEES DU TISSU ADIPEUX**
[72] MAROM, EHUD, IL
[72] BLEICH KIMELMAN, NADAV, IL
[72] GRYNSPAN, FRIDA, IL
[71] STEM CELL MEDICINE LTD., IL
[71] MAPI PHARMA LTD., IL
[85] 2019-10-31
[86] 2017-05-15 (PCT/IL2017/050535)
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[51] **Int.Cl. B32B 9/00 (2006.01) B32B 3/02 (2006.01) B32B 3/08 (2006.01) B32B 3/26 (2006.01) B32B 3/30 (2006.01) B32B 5/12 (2006.01) B32B 5/26 (2006.01) B32B 7/12 (2006.01) B32B 9/02 (2006.01) B32B 9/04 (2006.01) B32B 17/06 (2006.01) B32B 21/00 (2006.01)**
[25] EN
[54] **STABILIZING RODS FOR STONE SLABS WITH A UNIDIRECTIONAL SCRIM**
[54] **TIGES DE STABILISATION POUR DALLES EN PIERRE A STRUCTURE FIBREUSE UNIDIRECTIONNELLE**
[72] KUSE, KOLJA, DE
[72] SCHWANEKAMP, WALTER, DE
[72] HILTI, RUDOLF, LI
[71] KUSE, KOLJA, DE
[71] SCHWANEKAMP, WALTER, DE
[71] HILTI, RUDOLF, LI
[85] 2019-11-08
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[87] (WO2018/206150)
[30] DE (DE 20 2017 002 426.8) 2017-05-09

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[51] **Int.Cl. H04L 1/00 (2006.01) H03M 13/13 (2006.01)**
[25] EN
[54] **POLAR CODE ENCODING METHOD AND APPARATUS**
[54] **DISPOSITIF ET PROCEDE DE CODAGE DE CODE POLAIRE**
[72] WANG, JUN, CN
[72] ZHANG, GONGZHENG, CN
[72] ZHANG, HUAZI, CN
[72] XU, CHEN, CN
[72] HUANG, LINGCHEN, CN
[72] DAI, SHENGCHEN, CN
[72] LUO, HEJIA, CN
[72] QIAO, YUNFEI, CN
[72] LI, RONG, CN
[72] WANG, JIAN, CN
[72] CHEN, YING, CN
[72] POLIANSKII, NIKITA, CN
[72] KAMENEV, MIKHAIL, CN
[72] SHEN, ZUKANG, CN
[72] DU, YINGGANG, CN
[72] HUANGFU, YOURUI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-11-08
[86] 2018-05-04 (PCT/CN2018/085567)
[87] (WO2019/024555)
[30] CN (201710653644.4) 2017-08-02

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[13] A1
[51] **Int.Cl. G01R 31/08 (2006.01) G01R 31/12 (2006.01) G01R 31/14 (2006.01)**
[25] EN
[54] **AN ELECTRICAL ASSEMBLY FOR DETECTING DIELECTRIC BREAKDOWN IN DIRECT CURRENT POWER TRANSMISSION MEDIUM**
[54] **ENSEMBLE ELECTRIQUE PERMETTANT DE DETECTER UNE RUPTURE DIELECTRIQUE DANS UN MOYEN DE TRANSMISSION D'ENERGIE EN COURANT CONTINU**
[72] CANELHAS, ANDRE, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2019-11-08
[86] 2018-04-26 (PCT/EP2018/060660)
[87] (WO2018/210543)
[30] GB (1707908.8) 2017-05-17

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[13] A1
[51] **Int.Cl. A61B 3/10 (2006.01) A61B 3/14 (2006.01) A61B 5/01 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **AN APPARATUS AND METHOD FOR USING INFRARED THERMOGRAPHY FOR VIEWING A TEAR FILM**
[54] **APPAREIL ET PROCEDE D'UTILISATION DE THERMOGRAPHIE INFRAROUGE PERMETTANT DE VISUALISER UN FILM LACRYMAL**
[72] MILLAR, THOMAS, AU
[72] SCHUETT, BURKHARDT SIEGFRIED, AU
[71] BEYOND 700 PTY LTD, AU
[85] 2019-11-04
[86] 2017-06-08 (PCT/AU2017/050575)
[87] (WO2017/210746)
[30] AU (2016203805) 2016-06-08

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[13] A1
[51] **Int.Cl. C12G 3/00 (2019.01) C12G 3/02 (2019.01)**
[25] EN
[54] **SACCHARIFIED LIQUID, METHOD FOR PRODUCING SACCHARIFIED LIQUID, FOOD AND BEVERAGE, DISTILLED LIQUID FOR WHISKEY, AND WHISKEY**
[54] **LIQUIDE SACCHARIFIE, PROCEDE DE PRODUCTION DE LIQUIDE SACCHARIFIE, ALIMENT ET BOISSON, LIQUIDE DISTILLE POUR LE WHISKY, ET WHISKY**
[72] SATO, HAJIME, JP
[72] YOMO, HIDEKO, JP
[72] NAKAJIMA, TOSHIHARU, JP
[71] SUNTORY HOLDINGS LIMITED, JP
[85] 2019-11-04
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[13] A1
[51] **Int.Cl. A62B 23/06 (2006.01) A61F 5/08 (2006.01) A61M 15/08 (2006.01)**
[25] EN
[54] **NASAL DEVICE**
[54] **DISPOSITIF NASAL**
[72] HELLMAN, MIKAEL, SE
[72] RUIN, ALEXIS, SE
[71] NOSEOPTION AB, SE
[85] 2019-11-08
[86] 2018-05-03 (PCT/EP2018/061324)
[87] (WO2018/206388)
[30] SE (1750584-3) 2017-05-12

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[13] A1
[51] **Int.Cl. F41A 1/08 (2006.01) F41A 3/00 (2006.01) F41A 21/30 (2006.01)**
[25] EN
[54] **BREECH AND METHOD FOR NOISE REDUCTION**
[54] **CULASSE ET PROCEDE DE REDUCTION DE BRUIT**
[72] LINDSTROM, MATHIAS, SE
[72] KARLSSON, PETER, SE
[72] BACKLUND, GORAN, SE
[72] SODERQUIST, INGRID, SE
[71] SAAB AB, SE
[85] 2019-11-05
[86] 2017-05-17 (PCT/SE2017/050521)
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[51] **Int.Cl. C07D 471/10 (2006.01) A61K 31/437 (2006.01) A61K 31/438 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **INDOLIZINE DERIVATIVES AND THEIR APPLICATION IN MEDICINE**
[54] **DERIVES D'INDOLIZINE ET LEUR APPLICATION EN MEDECINE**
[72] LIU, DONG, CN
[72] CHEN, DONGDONG, CN
[72] DENG, BIAO, CN
[72] TU, XIANGYUN, CN
[72] FANG, ZINAN, CN
[72] WU, HAOHAO, CN
[72] GU, DANYAN, CN
[71] KIND PHARMACEUTICAL, CN
[85] 2019-11-08
[86] 2018-05-08 (PCT/CN2018/086025)
[87] (WO2018/205928)
[30] CN (201710322377.2) 2017-05-09

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[51] **Int.Cl. C12N 5/0784 (2010.01) A61K 35/15 (2015.01) C12N 5/00 (2006.01)**
[25] EN
[54] **INTERFERON PRIMED PLASMACYTOID DENDRITIC CELLS**
[54] **CELLULES DENDRITIQUES PLASMACYTOIDES SENSIBILISEES PAR INTERFERON**
[72] JAKOBSEN, ROELSGAARD MARTIN, DK
[72] LAUSTSEN, ANDERS, DK
[71] AARHUS UNIVERSITET, DK
[85] 2019-11-08
[86] 2018-05-08 (PCT/EP2018/061870)
[87] (WO2018/206577)
[30] EP (17170373.9) 2017-05-10
[30] EP (18150546.2) 2018-01-08

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[51] **Int.Cl. H01B 3/44 (2006.01) C08K 5/3435 (2006.01) C08L 31/04 (2006.01) C08K 3/22 (2006.01) C08L 33/08 (2006.01) C08L 33/10 (2006.01)**
[25] EN
[54] **CABLE INSULATION**
[54] **ISOLATION DE CABLE**
[72] BERGQVIST, MATTIAS, SE
[72] SULTAN, BERNT-AKE, SE
[71] BOREALIS AG, AT
[85] 2019-11-08
[86] 2018-05-08 (PCT/EP2018/061874)
[87] (WO2018/206580)
[30] EP (17170147.7) 2017-05-09

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[13] A1
[51] **Int.Cl. E04B 1/14 (2006.01) E04C 2/38 (2006.01)**
[25] EN
[54] **WALL MODULE INCORPORATING CELLULAR CONCRETE IN A STACKING STRUCTURAL STEEL WALL FRAME**
[54] **MODULE DE PAROI COMPRENANT DU BETON CELLULAIRE DANS UNE STRUCTURE DE PAROI EN ACIER STRUCTUREL EMPILABLE**
[72] COHEN, DAVID L., US
[71] VEGA BUILDING SYSTEMS LLC, US
[85] 2019-11-05
[86] 2017-05-19 (PCT/US2017/033659)
[87] (WO2018/212779)

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[51] **Int.Cl. C12N 9/22 (2006.01) A01H 5/00 (2018.01) C12N 15/52 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **CREATION OF HERBICIDE RESISTANT GENE AND USE THEREOF**
[54] **CREATION D'UN GENE RESISTANT AUX HERBICIDES ET UTILISATION DE CELUI-CI**
[72] GAO, CAIXIA, CN
[72] JIANG, LINJIAN, CN
[71] INSTITUTE OF GENETICS AND DEVELOPMENTAL BIOLOGY, CHINESE ACADEMY OF SCNCES, CN
[71] CHINA AGRICULTURAL UNIVERSITY, CN
[85] 2019-11-08
[86] 2018-05-11 (PCT/CN2018/086501)
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[30] CN (201710329242.9) 2017-05-11

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[51] **Int.Cl. A61K 47/65 (2017.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PEPTIDIC LINKERS AND CRYPTOPHYCIN CONJUGATES, USEFUL IN THERAPY, AND THEIR PREPARATION**
[54] **LINKERS PEPTIDIQUES ET CONJUGUES DE CRYPTOPHYCINE, UTILES EN THERAPIE, ET LEUR PREPARATION**
[72] BOUCHARD, HERVE, FR
[72] BRUN, MARIE-PRISCILLE, FR
[72] HUBERT, PHILIPPE, FR
[71] SANOFI, FR
[85] 2019-11-08
[86] 2018-05-09 (PCT/EP2018/061989)
[87] (WO2018/206635)
[30] EP (17305531.0) 2017-05-10

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[51] **Int.Cl. A61K 39/00 (2006.01) A61K 35/15 (2015.01) C07K 16/40 (2006.01)**
[25] EN
[54] **TRANSGENIC MACROPHAGES, CHIMERIC ANTIGEN RECEPTORS, AND ASSOCIATED METHODS**
[54] **MACROPHAGES TRANSGENIQUES, RECEPTEURS D'ANTIGENES CHIMERIQUES ET METHODES ASSOCIEES**
[72] O'NEILL, KIM, US
[71] THUNDER BIOTECH INC., US
[85] 2019-11-06
[86] 2017-05-17 (PCT/US2017/033039)
[87] (WO2018/212770)

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[51] **Int.Cl. A23L 5/30 (2016.01) C11B 1/12 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD TO HEAT ANIMAL RAW FAT MATERIAL TO PRODUCE FAT**
[54] **APPAREIL ET PROCEDE POUR CHAUFFER DE LA MATIERE GRASSE BRUTE ANIMALE AFIN DE PRODUIRE DE LA GRAISSE**
[72] JOOST, VAN ERP, NL
[71] GEA FOOD SOLUTIONS BAKEL B.V., NL
[85] 2019-11-08
[86] 2018-05-09 (PCT/EP2018/061997)
[87] (WO2018/206637)
[30] EP (17170103.0) 2017-05-09

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[13] A1
[51] **Int.Cl. C12N 15/56 (2006.01) C07K 14/37 (2006.01)**
[25] EN
[54] **POLYPEPTIDES HAVING LYSOZYME ACTIVITY, POLYNUCLEOTIDES ENCODING SAME AND USES AND COMPOSITIONS THEREOF**
[54] **POLYPEPTIDES AYANT UNE ACTIVITE LYSOZYME, POLYNUCLEOTIDES CODANT POUR CEUX-CI ET UTILISATIONS ET COMPOSITIONS ASSOCIEES**
[72] LIU, YE, CN
[72] LI, MING, CN
[72] SCHNORR, KIRK MATTHEW, DK
[72] OLSEN, PETER BJARKE, DK
[71] NOVOZYMES A/S, DK
[85] 2019-11-08
[86] 2018-05-11 (PCT/CN2018/086528)
[87] (WO2018/206001)
[30] CN (PCT/CN2017/084074) 2017-05-12

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[13] A1
[51] **Int.Cl. A61K 31/00 (2006.01) C12N 15/113 (2010.01) A61K 31/404 (2006.01) A61K 31/44 (2006.01) A61K 31/4453 (2006.01) A61K 31/4709 (2006.01) A61K 31/485 (2006.01) A61K 31/497 (2006.01) A61K 31/517 (2006.01) A61K 31/5377 (2006.01) A61K 31/553 (2006.01) A61P 25/04 (2006.01) A61P 25/36 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **FLT3 INHIBITORS FOR IMPROVING PAIN TREATMENTS BY OPIOIDS**
[54] **INHIBITEURS DE FLT3 POUR AMELIORER DES TRAITEMENTS DE LA DOULEUR PAR DES OPIOIDES**
[72] VALMIER, JEAN, FR
[72] RIVAT, CYRIL, FR
[72] SOKOLOFF, PIERRE, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] UNIVERSITE DE MONTPELLIER, FR
[71] BIODOL THERAPEUTICS, FR
[85] 2019-11-08
[86] 2018-05-17 (PCT/EP2018/062945)
[87] (WO2018/211018)
[30] EP (17305571.6) 2017-05-17

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[13] A1
[51] **Int.Cl. A23L 5/10 (2016.01) A23L 5/30 (2016.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR HEATING FRYING OIL WITH SOLID-STATE RF ENERGY TECHNOLOGY**
[54] **APPAREIL ET PROCEDE POUR CHAUFFER DE L'HUILE DE FRITURE A L'AIDE DE LA TECHNOLOGIE DE L'ENERGIE RF A L'ETAT SOLIDE**
[72] VAN ERP, JOOST, NL
[71] GEA FOOD SOLUTIONS BAKEL B.V., NL
[85] 2019-11-08
[86] 2018-05-09 (PCT/EP2018/061998)
[87] (WO2018/206638)
[30] EP (17170103.0) 2017-05-09
[30] EP (18169163.5) 2018-04-25

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[13] A1
[51] **Int.Cl. G06Q 50/28 (2012.01) G06Q 10/08 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **ELECTRONIC NOTIFICATION APPARATUS**
[54] **APPAREIL DE NOTIFICATION ELECTRONIQUE**
[72] HASTHANTHAR ANAND, NILASHA, IN
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2019-11-06
[86] 2017-05-26 (PCT/US2017/034652)
[87] (WO2018/217211)

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[13] A1
[51] **Int.Cl. A23L 3/01 (2006.01)**
[25] EN
[54] **THAWING-APPARATUS AND METHOD TO THAW A SUBSTANCE**
[54] **APPAREIL DE DECONGELATION ET PROCEDE POUR DECONGELER UNE SUBSTANCE**
[72] VAN ERP, JOOST, NL
[71] GEA FOOD SOLUTIONS BAKEL B.V., NL
[85] 2019-11-08
[86] 2018-05-09 (PCT/EP2018/062000)
[87] (WO2018/206640)
[30] EP (17170103.0) 2017-05-09
[30] EP (18159561.2) 2018-03-01

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) G01N 33/00 (2006.01)**
[25] EN
[54] **INTEGRATIVE SINGLE-CELL AND CELL-FREE PLASMA RNA ANALYSIS**
[54] **ANALYSE INTEGRATIVE D'ARN DE PLASMA ACELLULAIRE ET MONOCELLULAIRE**
[72] LO, YUK-MING DENNIS, CN
[72] TSANG, CHEUK HO, CN
[72] JIANG, PEIYONG, CN
[72] JI, LU, CN
[72] VONG, SI LONG, CN
[71] THE CHINESE UNIVERSITY OF HONG KONG, CN
[85] 2019-11-08
[86] 2018-05-16 (PCT/CN2018/087136)
[87] (WO2018/210275)
[30] US (62/506,793) 2017-05-16

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[13] A1
[51] **Int.Cl. G06F 16/903 (2019.01)**
[25] EN
[54] **INFORMATION PUSHING METHOD AND DEVICE BASED ON SEARCH CONTENT**
[54] **PROCEDE ET DISPOSITIF DE POUSSEE D'INFORMATIONS BASES SUR UN CONTENU DE RECHERCHE**
[72] GU, HAO, CN
[71] 10353744 CANADA LTD., CA
[85] 2019-11-07
[86] 2016-06-23 (PCT/CN2016/086889)
[87] (WO2017/219317)

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) A24B 15/16 (2006.01) A24B 15/24 (2006.01)**
[25] EN
[54] **LIQUID TOBACCO EXTRACT**
[54] **EXTRAIT DE TABAC LIQUIDE**
[72] DIGARD, HELENA, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2019-11-08
[86] 2018-05-09 (PCT/EP2018/062123)
[87] (WO2018/210681)
[30] GB (1707769.4) 2017-05-15

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[13] A1
[51] **Int.Cl. H04N 21/2747 (2011.01) H04N 21/2183 (2011.01) H04N 21/231 (2011.01) H04N 21/2387 (2011.01) H04N 21/239 (2011.01) H04N 21/24 (2011.01) H04N 21/262 (2011.01) H04N 21/436 (2011.01) H04N 21/647 (2011.01) H04L 1/18 (2006.01)**
[25] EN
[54] **MEDIA CONTENT DELIVERY**
[54] **DISTRIBUTION DE CONTENU MULTIMEDIA**
[72] OLSON, ANDREW, GB
[72] MARSH, MATTHEW JON, GB
[71] SKY CP LIMITED, GB
[85] 2019-11-08
[86] 2018-05-10 (PCT/EP2018/062171)
[87] (WO2018/206743)
[30] GB (1707655.5) 2017-05-12

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[51] **Int.Cl. G16H 20/30 (2018.01) G16H 20/40 (2018.01) G16H 30/40 (2018.01) A61B 5/00 (2006.01) G06T 7/00 (2017.01) A61B 5/103 (2006.01)**
[25] EN
[54] **WOUND ANALYSIS DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'ANALYSE DE PLAIES**
[72] HUNT, ALLAN KENNETH FRAZER GRUGEON, GB
[72] PHILLIPS, MARCUS DAMIAN, GB
[71] SMITH & NEPHEW PLC, GB
[85] 2019-11-08
[86] 2018-05-11 (PCT/EP2018/062206)
[87] (WO2018/210692)
[30] US (62/506551) 2017-05-15

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[13] A1
[51] **Int.Cl. F04D 1/06 (2006.01) F04D 29/047 (2006.01) F04D 29/58 (2006.01) F04D 29/06 (2006.01)**
[25] EN
[54] **A BEARING HOUSING FOR A FLOW MACHINE AND A FLOW MACHINE WITH A BEARING HOUSING**
[54] **LOGEMENT DE ROULEMENT POUR TURBOMACHINE ET TURBOMACHINE COMPORTANT LEDIT LOGEMENT DE ROULEMENT**
[72] WILD, ANDREAS, DE
[71] SULZER MANAGEMENT AG, CH
[85] 2019-11-08
[86] 2018-06-27 (PCT/EP2018/067231)
[87] (WO2019/002358)
[30] EP (17178376.4) 2017-06-28

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[13] A1
[51] **Int.Cl. G16H 20/30 (2018.01) G16H 20/40 (2018.01) G16H 30/40 (2018.01) A61B 5/00 (2006.01) A61F 13/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **NEGATIVE PRESSURE WOUND THERAPY SYSTEM USING EULERIAN VIDEO MAGNIFICATION**
[54] **SYSTEME DE THERAPIE DE PLAIE PAR PRESSION NEGATIVE UTILISANT UN GROSSISSEMENT VIDEO EULERIEN**
[72] GADDE, YESWANTH, GB
[72] HUNT, ALLAN KENNETH FRAZER GRUGEON, GB
[72] PHILLIPS, MARCUS DAMIAN, GB
[71] SMITH & NEPHEW PLC, GB
[85] 2019-11-08
[86] 2018-05-11 (PCT/EP2018/062207)
[87] (WO2018/210693)
[30] US (62/506524) 2017-05-15

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[13] A1
[51] **Int.Cl. C10L 1/32 (2006.01)**
[25] EN
[54] **OIL-IN-WATER EMULSIONS**
[54] **EMULSIONS HUILE DANS EAU**
[72] BRUNELLE, PATRICK, GB
[72] MILES, JASON VICTOR, GB
[72] SELSE, DENNIS, SE
[71] QUADRISE INTERNATIONAL LTD, GB
[71] NOURYON CHEMICALS INTERNATIONAL B.V., NL
[85] 2019-11-08
[86] 2018-05-10 (PCT/GB2018/051263)
[87] (WO2018/206963)
[30] GB (1707556.5) 2017-05-11

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[13] A1
[51] **Int.Cl. B32B 37/06 (2006.01)**
[25] EN
[54] **LONG PLASTIC LAYER HAVING IMPRESSED PATTERN SUPERIMPOSED WITH MOTIF, AND ROLL-PRESSING METHOD AND DEVICE**
[54] **LONGUE COUCHE EN MATIERE PLASTIQUE COMPRENANT UN DESSIN IMPRIME SUPERPOSE AVEC UN MOTIF, ET PROCEDE ET DISPOSITIF DE PRESSAGE A ROULEAUX**
[72] ZHU, CAIQIN, CN
[72] WANG, YIBING, CN
[72] TANG, WENJIN, CN
[71] FLOORING INDUSTRIES LIMITED, SARL, LU
[85] 2019-11-07
[86] 2016-06-30 (PCT/CN2016/088034)
[87] (WO2017/215045)
[30] CN (201610421191.8) 2016-06-15

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[13] A1
[51] **Int.Cl. B32B 37/06 (2006.01)**
[25] EN
[54] **LONG DECORATIVE MATERIAL HAVING IMPRESSED PATTERN SUPERIMPOSED WITH MOTIF, AND ROLL-PRESSING METHOD AND DEVICE**
[54] **MATERIAU DECORATIF LONG PRESENTANT UN DESSIN IMPRIME SUR LEQUEL EST SUPERPOSE UN MOTIF, AINSI QUE PROCEDE ET DISPOSITIF DE PRESSION A CYLINDRES**
[72] ZHU, CAIQIN, CN
[72] WANG, YIBING, CN
[72] TANG, WENJIN, CN
[71] FLOORING INDUSTRIES LIMITED, SARL, LU
[85] 2019-11-07
[86] 2016-06-30 (PCT/CN2016/088043)
[87] (WO2017/215046)
[30] CN (201610415455.9) 2016-06-15

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[13] A1
[51] **Int.Cl. A47J 31/52 (2006.01)**
[25] EN
[54] **APPARATUS FOR MAKING A BEVERAGE, CAPSULE FOR MAKING A BEVERAGE AND COMBINATION OF AN APPARATUS AND AT LEAST TWO DIFFERENT CAPSULES FOR MAKING BEVERAGES**
[54] **APPAREIL DE FABRICATION D'UNE BOISSON, CAPSULE POUR LA FABRICATION D'UNE BOISSON ET COMBINAISON D'UN APPAREIL ET D'AU MOINS DEUX CAPSULES DIFFERENTES POUR LA FABRICATION DE BOISSONS**
[72] ACCURSI, GIOVANNI, IT
[72] DIAMANTI, MAURIZIO, IT
[71] CAFFITALY SYSTEM S.P.A., IT
[85] 2019-11-08
[86] 2018-05-22 (PCT/IB2018/053604)
[87] (WO2018/215926)
[30] IT (102017000056286) 2017-05-24

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[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01) B65G 1/00 (2006.01) B65G 1/02 (2006.01) B65G 1/08 (2006.01)**
[25] EN
[54] **SHIPPING BUFFER FOR AN ORDER-PICKING SYSTEM**
[54] **TAMPON DE SORTIE DE MARCHANDISES POUR UNE INSTALLATION DE PREPARATION DES COMMANDES**
[72] WINKLER, WALTER, DE
[71] WITRON LOGISTIK + INFORMATIK GMBH, DE
[85] 2019-11-08
[86] 2018-05-11 (PCT/EP2018/062264)
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[72] HAMMOND, DARRAGH, IE
[71] ABEL APPLICATIONS LIMITED, GB
[71] NATURALIFE HEALTH UNLIMITED COMPANY, IE
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[54] **STRUCTURE DE REFROIDISSEMENT DE DISPOSITIF DE CONVERSION DE PUISSANCE**
[72] ONO, KIMIHIRO, JP
[72] UMINO, TOMOHIRO, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **NEURAL PARAPHRASE GENERATOR**
[54] **GENERATEUR DE PARAPHRASE NEURONALE**
[72] LEIDNER, JOCHEN, GB
[72] PLACHOURAS, VASSILIS, GB
[72] PETRONI, FABIO, GB
[71] THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY, CH
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[54] **CABLE TERMINATION SYSTEM, TERMINATION ASSEMBLY AND METHOD FOR INSTALLING SUCH A TERMINATION ASSEMBLY**
[54] **SYSTEME DE TERMINAISONS DE CABLE, ENSEMBLE DE TERMINAISONS ET PROCEDE D'INSTALLATION D'UN TEL ENSEMBLE DE TERMINAISONS**
[72] BOFFI, PAOLO, IT
[72] POGLIANI, STEFANO, IT
[71] PRYSMIAN S.P.A., IT
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[54] **USER TERMINAL AND RADIO COMMUNICATION METHOD**
[54] **TERMINAL UTILISATEUR ET PROCEDE DE COMMUNICATION SANS FIL**
[72] TAKEDA, KAZUKI, JP
[72] NAGATA, SATOSHI, JP
[72] WANG, LIHUI, CN
[71] NTT DOCOMO, INC., JP
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[54] **PRODUCTION METHOD FOR 1-AMINO CYCLOPROPANE CARBOXYLIC ACID NONHYDRATE**
[54] **PROCEDE DE FABRICATION D'UN ANHYDRATE D'ACIDE 1-AMINOCYCLOPROPANE CARBOXYLIQUE**
[72] KAWAMURA, MITSUNOBU, JP
[72] OKAMOTO, HIROAKI, JP
[72] TAKEBAYASHI, KOSUKE, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2019-11-08
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[54] **METAL SURFACE TREATMENT AGENT, METAL SURFACE TREATMENT METHOD, AND METAL MATERIAL**
[54] **AGENT ET PROCEDE DE TRAITEMENT DE SURFACE METALLIQUE, ET MATERIAU METALLIQUE**
[72] SUZUKI, AMANE, JP
[72] IKO, TOMOHIRO, JP
[71] NIHON PARKERIZING CO., LTD., JP
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[54] **METHOD AND MIXING PLANT FOR THE BATCH-BASED PRODUCTION OF A FLOWABLE COATING MATERIAL**
[54] **PROCEDE ET INSTALLATION DE MELANGE POUR LA PREPARATION PAR LOTS D'UN MATERIAU DE REVETEMENT FLUIDE**
[72] DARMSTAEDTER, PATRICK PETER, DE
[72] BERG, JAN, DE
[72] FOUILLET, JEREMY, DE
[71] BASF COATINGS GMBH, DE
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[54] **AIRCRAFT OPERATION DURING STEEP APPROACH**
[54] **FONCTIONNEMENT D'AERONEF AU COURS D'UNE APPROCHE A FORTE PENTE**
[72] HAMEL, REMI, CA
[72] LEBEGUE, OLIVIER, CA
[72] DESILETS, VALERIE, CA
[72] BROUSSEAU, JEAN, CA
[72] AFRIANTO, SIGIT, CA
[72] BYRNE, ANDREW J., CA
[72] HODGE, ERIC, CA
[71] BOMBARDIER INC., CA
[71] C SERIES AIRCRAFT LIMITED PARTNERSHIP, CA
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[54] **MOBILE ACCOMMODATION, CASING FRAME AND FASTENING CLIP**
[54] **LOGEMENT MOBILE, CADRE DE BOITIER ET ATTACHE DE FIXATION**
[72] VEENEMAN, JAN PETER, NL
[71] POLYPLASTIC GROEP B.V., NL
[85] 2019-11-08
[86] 2018-05-11 (PCT/NL2018/050313)
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[54] **FLAVOR SOURCE UNIT AND FLAVOR INHALER**
[54] **UNITE DE SOURCE D'AROME ET INHALATEUR D'AROME**
[72] SHINKAWA, TAKESHI, JP
[72] AKIYAMA, TAKESHI, JP
[71] JAPAN TOBACCO INC., JP
[85] 2019-11-08
[86] 2018-04-26 (PCT/JP2018/016948)
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[54] **DISPLAY DEVICE**
[54] **DISPOSITIF D'AFFICHAGE**
[72] SEKINE, KIYOSHI, JP
[71] INTERACTIVE SOLUTIONS INC., JP
[85] 2019-11-08
[86] 2018-05-07 (PCT/JP2018/017600)
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[54] **DISPOSITIF UTILISATEUR**
[72] SUGAWARA, YASUO, JP
[72] ARAMOTO, MASAFUMI, JP
[71] SHARP KABUSHIKI KAISHA, JP
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[54] **MANAGEMENT SYSTEM OF WORK SITE AND MANAGEMENT METHOD OF WORK SITE**
[54] **SYSTEME ET PROCEDE DE GESTION D'UN CHANTIER ET PROCEDE DE GESTION D'UN CHANTIER**
[72] SUDOU, TSUGIO, JP
[71] KOMATSU LTD., JP
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[54] **SYSTEM AND METHOD FOR CONTROLLING A TAKEOFF THRUST**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'UNE POUSSEE AU DECOLLAGE**
[72] HAMEL, REMI, CA
[72] BOUDREAULT, JOEL, CA
[72] DEL CASTILLO, DERIK, CA
[72] PEROUT, EVA, CA
[72] MEUNIER, FRANCIS, CA
[72] SPINELLI, TONY, CA
[72] TAMESTIT, NICOLAS, CA
[72] LEBEGUE, OLIVIER, CA
[72] NOUHAUD, CHRISTOPHE, CA
[71] C SERIES AIRCRAFT MANAGING GP INC., CA
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[54] **STANDARD DENTURE ALIGNMENT JIG, DENTURE PREPARATION KIT, AND METHOD FOR PREPARING DENTURE USING THE JIG AND THE KIT**
[54] **GABARIT D'ALIGNEMENT DE PROTHESE DENTAIRE DE REFERENCE<B> </B>, KIT DE PREPARATION DE PROTHESES DENTAIRES, ET PROCEDE DE PREPARATION DE PROTHESES DENTAIRES UTILISANT CE DERNIER**
[72] YAMAZAKI, TATSUYA, JP
[72] NAKASHIMA, KEI, JP
[72] YAMAMOTO, YOUICHI, JP
[72] MOTOHASHI, HITOSHI, JP
[71] TOKUYAMA DENTAL CORPORATION, JP
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[54] **CLEARCOAT COATING COMPOSITION AND MULTILAYER COATING FILM FORMATION METHOD**
[54] **COMPOSITION AQUEUSE DE MATERIAU DE REVETEMENT TRANSPARENTE ET PROCEDE DE FORMATION D'UN FILM DE REVETEMENT MULTICOUCHE**
[72] NAKABAYASHI, TAKUYA, JP
[71] KANSAI PAINT CO., LTD., JP
[85] 2019-11-08
[86] 2018-05-10 (PCT/JP2018/018210)
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[72] SATO, SHINNOSUKE, JP
[72] TOMIKAWA, KOUJI, JP
[72] OSATO, KEN, JP
[71] FUJIKURA LTD., JP
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[54] **SYSTEME DE CHAUFFAGE METALLIQUE**
[72] SEO, SANG MIN, KR
[71] SEO, SANG MIN, KR
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[54] **MATERIAL MESH FOR SCREENING FINES**
[54] **MAILLAGE DE MATERIAU POUR CRIBLER DES FINES**
[72] WAKEFIELD, JOHN K., US
[72] JOHNSON, MICHAEL H., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[86] 2018-04-06 (PCT/US2018/026440)
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[54] **VAPORIZER AND AEROSOL GENERATION DEVICE INCLUDING SAME**
[54] **VAPORISATEUR ET DISPOSITIF DE GENERATION D'AEROSOL LE COMPRENANT**
[72] KIM, TAE HUN, KR
[72] CHOE, HWAN OCK, KR
[71] KT&G CORPORATION, KR
[85] 2019-11-08
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[54] **GENERATING SYNTHETIC NON-REVERSIBLE ELECTRONIC DATA RECORDS BASED ON REAL-TIME ELECTRONIC QUERYING**
[54] **GENERATION D'ENREGISTREMENTS DE DONNEES ELECTRONIQUES SYNTHETIQUES NON REVERSIBLES SUR LA BASE D'UNE INTERROGATION ELECTRONIQUE EN TEMPS REEL**
[72] EREZ, LUZ, IL
[71] MDCLONE LTD., IL
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[54] **MULTILAYER COATING FILM FORMATION METHOD**
[54] **PROCEDE DE FORMATION DE FILM DE REVETEMENT MULTICOUCHE**
[72] NAKABAYASHI, TAKUYA, JP
[71] KANSAI PAINT CO., LTD., JP
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[54] **FC-FUSION PROTEIN DERIVATIVES WITH HIGH DUAL HIV ANTIVIRAL AND IMMUNOMODULATORY ACTIVITY**
[54] **DERIVES DE PROTEINE DE FUSION FC PRESENTANT UNE DOUBLE ACTIVITE ELEVEE IMMUNOMODULATRICE ET ANTIVIRALE CONTRE LE VIH**
[72] CARRILLO MOLINA, JORGE, ES
[72] CLOTET SALA, BONAVENTURA, ES
[72] BLANCO ARBUES, JULIA M., ES
[71] ALBAJUNA THERAPEUTICS, S.L., ES
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[54] **HOLLOW PARTICLES AND COSMETIC**
[54] **PARTICULES CREUSES ET PRODUIT COSMETIQUE**
[72] WATANABE, SATOSHI, JP
[72] ENOMOTO, NAOYUKI, JP
[72] SHIMAZAKI, IKUKO, JP
[72] SUEMITSU, KENICHI, JP
[71] JGC CATALYSTS AND CHEMICALS LTD., JP
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[72] SOYUZOV, ARTEM ANATOLIEVICH, CA
[71] SOYUZOV, ARTEM ANATOLIEVICH, CA
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[54] **PROTOCOLE AMELIORE POUR LE TRAITEMENT DE LA NEPHROPATHIE LUPIQUE**
[72] SOLOMONS, NEIL, CA
[72] HUIZINGA, ROBERT B., CA
[71] AURINIA PHARMACEUTICALS INC., CA
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[54] **COMPOSITION RETICULABLE DE POLYMERE DE PROPYLENE**
[72] WANG, JINGBO, AT
[72] BERNREITNER, KLAUS, AT
[72] EK, CARL-GUSTAF, SE
[72] STEINER, LISA MARIA, AT
[72] HUBNER, GERHARD, AT
[72] HARTIKAINEN, JUHA, FI
[72] RUSKEENIEMI, JARI-JUSSI, FI
[71] BOREALIS AG, AT
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[25] EN
[54] **SETTING TOOL, SET FOR A SETTING TOOL SYSTEM, AND SETTING TOOL SYSTEM**
[54] **OUTIL DE MISE EN PLACE, ENSEMBLE POUR SYSTEME D'OUTIL DE MISE EN PLACE ET SYSTEME D'OUTIL DE MISE EN PLACE**
[72] DONNER, TOBIAS, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[54] **NEONATE MEDICAL WRAPS FOR A BABY AND PARENT, AND RELATED METHODS**
[54] **ECHARPES MEDICALES DE PORTAGE POUR NOUVEAU-NE POUR BEBE ET PARENT, ET PROCEDES ASSOCIES**
[72] CHIESA, MARY, US
[72] CHIESA, LANEY, US
[72] JOHNSON, CARIN, US
[72] WATSON, KAILEY, US
[71] SAPLACOR, LLC, US
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[54] **A ROAD SAFETY BARRIER WITH A PLURALITY OF METAL CABLES**
[54] **BARRIERE DE SECURITE ROUTIERE AVEC UNE PLURALITE DE CABLES METALLIQUES**
[72] IMPERO, PASQUALE, IT
[72] GRASSIA, LUIGI, IT
[71] IMPERO, PASQUALE, IT
[85] 2019-11-08
[86] 2018-05-09 (PCT/IB2018/053226)
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[51] **Int.Cl. G10L 15/32 (2013.01) G06F 3/16 (2006.01)**
[25] EN
[54] **COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY**
[54] **DISPOSITIF INFORMATISE AVEC CAPACITE D'ENTREE DE COMMANDE VOCALE**
[72] TULI, TARUN, CA
[71] ECOBEE INC., CA
[85] 2019-11-08
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[54] **CORE DRILL GUIDE APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE GUIDAGE DE FORET CAROTTIER**
[72] HONEY, GRAHAM RICHARD, NZ
[72] HONEY, DAVID JOHN, NZ
[71] STRONGE, NATHAN SAMUEL, NZ
[71] HONEY, GRAHAM RICHARD, NZ
[71] HONEY, DAVID JOHN, NZ
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[54] **TRANSLATIONAL INSTRUMENT INTERFACE FOR SURGICAL ROBOT AND SURGICAL ROBOT SYSTEMS COMPRISING THE SAME**
[54] **INTERFACE D'INSTRUMENT DE TRANSLATION POUR ROBOT CHIRURGICAL ET SYSTEMES DE ROBOTS CHIRURGICAUX LA COMPRENANT**
[72] CHASSOT, JULIEN, CH
[72] FRIEDRICH, MICHAEL, CH
[71] DISTALMOTION SA, CH
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[30] US (62/505,018) 2017-05-11

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[51] **Int.Cl. G01K 11/32 (2006.01) G01B 11/16 (2006.01) G01J 3/44 (2006.01) G02B 6/43 (2006.01)**
[25] FR
[54] **OPTOELECTRONIC DEVICE FOR DISTRIBUTED MEASUREMENT BY MEANS OF OPTICAL FIBRE**
[54] **DISPOSITIF OPTOELECTRONIQUE DE MESURE REPARTIE PAR FIBRE OPTIQUE**
[72] LANTICQ, VINCENT, FR
[72] CLEMENT, PIERRE, FR
[72] ALMORIC, ETIENNE, FR
[71] FEBUS OPTICS, FR
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[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/395 (2006.01) C07K 16/28 (2006.01)**
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[54] **OPTIMIZED NUCLEIC ACID ANTIBODY CONSTRUCTS**
[54] **CONSTRUCTIONS D'ANTICORPS D'ACIDE NUCLEIQUE OPTIMISEES**
[72] WEINER, DAVID, US
[72] GUIBINGA, GHIABE, US
[72] REED, CHARLES, US
[72] COOCH, NEIL, US
[71] THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY, US
[71] INOVIO PHARMACEUTICALS, INC, US
[85] 2019-11-08
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[25] EN
[54] **DEVICES CONTAINING A REMOTE PHOSPHOR PACKAGE WITH RED LINE EMITTING PHOSPHORS AND GREEN EMITTING QUANTUM DOTS**
[54] **DISPOSITIFS CONTENANT UN MODULE DE LUMINOPHORE DISTANT AVEC DES LUMINOPHORES EMETTANT UNE LIGNE ROUGE ET DES POINTS QUANTIQUES EMETTANT UNE LUMIERE VERTE**
[72] MURPHY, JAMES EDWARD, US
[71] CURRENT LIGHTING SOLUTIONS, LLC, US
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[54] **PEPTIDES AND METHODS FOR TREATING NEURODEGENERATIVE DISORDERS**
[54] **PEPTIDES ET METHODES PERMETTANT DE TRAITER DES TROUBLES NEURODEGENERATIFS**
[72] SHEN, YINGJIE, US
[72] GU, YUANZHENG, US
[72] XU, KUI, US
[71] OHIO STATE INNOVATION FOUNDATION, US
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[25] EN
[54] **PROCESSES AND SYSTEMS FOR PRODUCING NANOCELLULOSE FROM OLD CORRUGATED CONTAINERS**
[54] **PROCEDES ET SYSTEMES DE PRODUCTION DE NANOCELLULOSE A PARTIR DE RECIPIENTS ONDULES ANCIENS**
[72] NELSON, KIMBERLY, US
[72] RETSINA, THEODORA, US
[72] HILL, LEE, US
[71] API INTELLECTUAL PROPERTY HOLDINGS, LLC, US
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[25] EN
[54] **SETTING TOOL, SET FOR A SETTING TOOL SYSTEM, AND SETTING TOOL SYSTEM**
[54] **OUTIL DE MISE EN PLACE, ENSEMBLE POUR SYSTEME D'OUTIL DE MISE EN PLACE ET SYSTEME D'OUTIL DE MISE EN PLACE**
[72] DONNER, TOBIAS, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[25] EN
[54] **APPARATUS AND METHOD FOR CLEANING A STREAM WITH A MOVING BED**
[54] **APPAREIL ET PROCEDE D'EPURATION DE COURANT A L'AIDE DE LIT MOBILE**
[72] RATINEN, SAMPO, FI
[72] SOLANTAUSTA, YRJO, FI
[72] NIEMINEN, MATTI, FI
[72] LINDFORS, CHRISTIAN, FI
[72] KALLI, ANSSI, FI
[71] TEKNOLOGIAN TUTKIMUSKESKUS VTT OY, FI
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[25] EN
[54] **AGGLOMERATION OF ULTRA-FINE COAL PARTICLES**
[54] **AGGLOMERATION DE PARTICULES DE CHARBON ULTRAFINES**
[72] SWENSEN, JAMES S., US
[72] HODSON, JONATHAN K., US
[72] GRITT, JOHN G., US
[72] CHAPMAN, NATHAN A., US
[72] SAMARIO, PAUL R., US
[72] HODSON, MICHAEL R., US
[72] HODSON, SIMON K., US
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[25] EN
[54] **FIXING DEVICE**
[54] **DISPOSITIF DE FIXATION**
[72] LIVERSIDGE, BARRY PETER, GB
[72] LIVERSIDGE, GEORGE HENRI, GB
[71] TAVISMANOR LIMITED, GB
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[54] **COMBINATION PDL1 AND TGF-BETA BLOCKADE IN PATIENTS WITH HPV+ MALIGNANCIES**
[54] **COMBINAISON DE BLOCAGE DE PDL1 ET DE TGF-BETA CHEZ DES PATIENTS ATTEINTS DE MALIGNITES HPV+**
[72] STRAUSS, JULIUS Y., US
[72] GULLEY, JAMES L., US
[72] HINRICHS, CHRISTIAN S., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMT OF HEALTH AND HUMAN SERVICES, US
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[51] **Int.Cl. H04L 12/715 (2013.01) H04L 12/707 (2013.01) H04L 12/725 (2013.01)**
[25] EN
[54] **ROUTING NETWORK TRAFFIC BASED ON PERFORMANCE**
[54] **ROUTAGE D'UN TRAFIC DE RESEAU SUR LA BASE DE PERFORMANCES**
[72] OLOFSSON, LARS OLOF STEFAN, US
[72] SHAH, HIMANSHU, US
[72] ATTARWALA, MURTUZA, US
[71] CISCO TECHNOLOGY, INC., US
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[51] **Int.Cl. G01C 21/34 (2006.01) G08G 1/00 (2006.01)**
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[54] **CHANGEMENTS DE DESTINATION DANS DES VEHICULES AUTONOMES**
[72] SWEENEY, MATTHEW, US
[72] NIX, MOLLY, US
[72] BARTEL, EMILY, US
[72] ROCKMORE, LOGAN, US
[72] LEVANDOWSKI, ANTHONY, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2019-11-08
[86] 2018-05-08 (PCT/US2018/031510)
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[25] EN
[54] **ROUTING NETWORK TRAFFIC BASED ON DESTINATION**
[54] **ROUTAGE DE TRAFIC DE RESEAU SUR LA BASE D'UNE DESTINATION**
[72] SHAH, HIMANSHU, US
[72] ATTARWALA, MURTUZA, US
[72] ARANHA, LINUS, US
[71] CISCO TECHNOLOGY, INC., US
[85] 2019-11-08
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[25] EN
[54] **COMPOSITIONS AND METHODS TO REDUCE THE POPULATION OF WHEAT-STEM SAWFLY AND HESSIAN FLY**
[54] **COMPOSITIONS ET PROCEDES DE REDUCTION DE LA POPULATION DE CEPHES ET DE MOUCHES DE HESSE DU BLE**
[72] JARONSKI, STEFAN, US
[72] REDDY, GADI, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICTURE, US
[71] MONTANA STATE UNIVERSITY, US
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[86] 2018-05-08 (PCT/US2018/031532)
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[51] **Int.Cl. H04L 12/707 (2013.01) H04L 29/12 (2006.01)**
[25] EN
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[54] **ROUTAGE DE TRAFIC DE RESEAU SUR LA BASE D'UN DNS**
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[72] IYER, MITHUN, US
[72] SHAH, HIMANSHU, US
[71] CISCO TECHNOLOGY, INC., US
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[54] **NASAL DILATION DEVICE AND METHOD OF USING**
[54] **DISPOSITIF DE DILATATION NASALE ET PROCEDE D'UTILISATION**
[72] ANDREWS, CLAYTON, US
[72] BYRNE, PATRICK, US
[71] SCHNOZZLE LLC, US
[85] 2019-11-08
[86] 2018-05-08 (PCT/US2018/031587)
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[51] **Int.Cl. A01N 43/40 (2006.01) A01N 43/54 (2006.01)**
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[54] **4-AMINO-6-(HETEROCYCLIC)PICOLINATES AND 6-AMINO-2-(HETEROCYCLIC)PYRIMIDINE-4-CARBOXYLATES AND THEIR USE AS HERBICIDES**
[54] **4-AMINO-6-(HETEROCYCLIQUES)PICOLINATES ET 6-AMINO-2-(HETEROCYCLIQUE)PYRIMIDINE-4-CARBOXYLATES ET LEUR UTILISATION EN TANT QU'HERBICIDES**
[72] KISTER, JEREMY, US
[72] SATCHIVI, NORBERT M., US
[72] EPP, JEFFREY B., US
[72] ROTH, JOSHUA, US
[71] DOW AGROSCIENCES LLC, US
[85] 2019-11-08
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[51] **Int.Cl. A61K 31/5415 (2006.01) A61K 31/4439 (2006.01) A61K 31/724 (2006.01) A61P 29/00 (2006.01)**
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[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM**
[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DU MELOXICAM**
[72] TABUTEAU, HERRIOT, US
[71] AXSOME THERAPEUTICS, INC., US
[85] 2019-11-08
[86] 2018-05-10 (PCT/US2018/032162)
[87] (WO2018/209150)
[30] US (62/504,105) 2017-05-10
[30] US (62/526,884) 2017-06-29
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[51] **Int.Cl. B22F 7/02 (2006.01) B22F 5/00 (2006.01) E21B 10/42 (2006.01)**
[25] EN
[54] **METHODS OF FORMING SUPPORTING SUBSTRATES FOR CUTTING ELEMENTS, AND RELATED CUTTING ELEMENTS, METHODS OF FORMING CUTTING ELEMENTS, AND EARTH-BORING TOOLS**
[54] **PROCEDES DE MISE EN FORME DE SUBSTRATS DE SUPPORT POUR ELEMENTS DE COUPE, ET ELEMENTS DE COUPE ASSOCIES, PROCEDES DE MISE EN FORME D'ELEMENTS DE COUPE, ET OUTILS DE FORAGE DE TERRAIN**
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[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[86] 2018-05-11 (PCT/US2018/032299)
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[30] US (15/594,174) 2017-05-12

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[51] **Int.Cl. E04H 15/06 (2006.01) B60P 3/355 (2006.01)**
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[54] **FOLDING ENCLOSURE**
[54] **ENCEINTE PLIANTE**
[72] MCGREGOR, SHAWN, US
[72] VANDERGON, CEDAR, US
[72] FLEISCHHACKER, KEVIN, US
[72] KOEHLER, STEVEN M., US
[71] AWOL OUTDOORS, INC., US
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[86] 2018-05-08 (PCT/US2018/031604)
[87] (WO2018/208778)
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[51] **Int.Cl. C07K 16/28 (2006.01)**
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[54] **DOSING PARAMETERS FOR CD47 TARGETING THERAPIES TO HEMATOLOGIC MALIGNANCIES**
[54] **PARAMETRES DE DOSAGE POUR DES THERAPIES CIBLANT CD47 A DES MALIGNITES HEMATOLOGIQUES**
[72] MAJETI, RAVINDRA, US
[72] CHAO, MARK P., US
[72] LIU, JIE, US
[72] VOLKMER, JENS-PETER, US
[72] WEISSMAN, IRVING L., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[71] FORTY SEVEN, INC., US
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[86] 2018-06-21 (PCT/US2018/038798)
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[30] US (62/523,182) 2017-06-21

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[51] **Int.Cl. A61K 31/445 (2006.01) A61K 31/454 (2006.01) A61P 37/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING RHEUMATOID ARTHRITIS**
[54] **COMPOSITIONS ET METHODES POUR TRAITER LA POLYARTHRITE RHUMATOIDE**
[72] FU, XIN-YUAN, US
[71] GENEROS BIOPHARMA LTD., CN
[85] 2019-11-08
[86] 2018-05-04 (PCT/US2018/031217)
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[30] US (62/506,698) 2017-05-16

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[25] EN
[54] **THERMAL MODELING FOR CABLES TRANSMITTING DATA AND POWER**
[54] **MODELISATION THERMIQUE POUR CABLES TRANSMETTANT DES DONNEES ET DE LA PUISSANCE**
[72] BULLOCK, CHRISTOPHER DANIEL, US
[72] WALKER, DYLAN T., US
[72] JONES, CHAD M., US
[72] GOERGEN, JOEL RICHARD, US
[71] CISCO TECHNOLOGY, INC., US
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[30] US (15/604,344) 2017-05-24

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[51] **Int.Cl. C07D 295/205 (2006.01) C07D 213/75 (2006.01)**
[25] EN
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[54] **SYNTHESE D'OMECAMTIV MECARBIL**
[72] CAILLE, SEBASTIEN, US
[72] QUASDORF, KYLE, US
[72] ROOSEN, PHILIPP, US
[72] SHI, XIANQING, US
[72] COSBIE, ANDREW, US
[72] WANG, FANG, US
[72] WU, ZUFAN, US
[72] NEERGUNDA, ARCHANA, US
[72] QUAN, BIN PETER, US
[72] GUAN, LIANXIU, US
[71] AMGEN INC., US
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[86] 2018-06-29 (PCT/US2018/040176)
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[30] US (62/527,174) 2017-06-30
[30] US (62/664,363) 2018-04-30

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[51] **Int.Cl. A61B 34/30 (2016.01) A61B 34/00 (2016.01) A61M 25/01 (2006.01) A61M 25/09 (2006.01)**
[25] EN
[54] **STEERABLE SURGICAL ROBOTIC SYSTEM**
[54] **SYSTEME ROBOTIQUE CHIRURGICAL ORIENTABLE**
[72] KIM, DANIEL H., US
[72] SHIN, DONG SUK, US
[72] JANG, TAEHO, US
[72] PARK, YONGMAN, US
[72] LEE, JEIHAN, US
[72] KIM, HONGMIN, US
[72] NAM, KIHOON, US
[72] LEE, JAEYEON, US
[72] PALMRE, VILJAR, US
[72] SHIM, YOUNGHEE, US
[72] PATEL, BHAVIK, US
[71] XCATH, INC., US
[71] THE BOARD OF REGENTS OF THE UNVIVERSITY OF TEXAS SYSTEM, US
[85] 2019-11-07
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[30] US (62/612,233) 2017-12-29

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[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) G01V 3/34 (2006.01)**
[25] EN
[54] **METHODS TO SYNCHRONIZE SIGNALS AMONG ANTENNAS WITH DIFFERENT CLOCK SYSTEMS**
[54] **PROCEDES POUR SYNCHRONISER DES SIGNAUX PARMI DES ANTENNES AVEC DIFFERENTS SYSTEMES D'HORLOGE**
[72] WU, HSU-HSIANG, US
[72] GRIFFING, MATTHEW CHASE, US
[72] GOLLA, CHRISTOPHER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-11-08
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[51] **Int.Cl. G05B 19/418 (2006.01) B65B 57/18 (2006.01) G01G 17/00 (2006.01) G01G 19/00 (2006.01)**
[25] EN
[54] **AUTOMATED INSPECTION SYSTEM**
[54] **SYSTEME D'INSPECTION AUTOMATISE**
[72] JOHNSEN, BRANDON, US
[72] OSBON, TERRY, US
[72] TURBEN, RILEY, US
[72] BOHLING, JOSHUA, US
[72] TRUDO, CRAIG, US
[71] WALMART APOLLO, LLC, US
[85] 2019-11-08
[86] 2018-03-19 (PCT/US2018/023201)
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[30] US (62/509,945) 2017-05-23

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[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6806 (2018.01) C12Q 1/6809 (2018.01) C12Q 1/6813 (2018.01) G01N 27/447 (2006.01) G01N 27/453 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING AND DISTINGUISHING GENETIC SAMPLES**
[54] **SYSTEMES ET METHODES POUR IDENTIFIER ET DISTINGUER DES ECHANTILLONS GENETIQUES**
[72] KAIN, ROBERT CHARLES, US
[72] KOTSEROGLOU, THEOFILOS, US
[72] BASHKIROV, VLADIMIR I., US
[72] SHEN, RICHARD, US
[71] REVERE BIOSENSORS, LLC, US
[85] 2019-11-08
[86] 2018-05-08 (PCT/US2018/031636)
[87] (WO2018/208804)
[30] US (62/503,502) 2017-05-09
[30] US (62/546,929) 2017-08-17
[30] US (62/586,760) 2017-11-15

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[51] **Int.Cl. G02B 6/38 (2006.01)**
[25] EN
[54] **PUSHABLE OPTICAL CONNECTOR WITH CONNECTOR-INTEGRATED ARTICULATION**
[54] **CONNECTEUR OPTIQUE POUVANT ETRE POUSSE AYANT UNE ARTICULATION INTEGREE AU CONNECTEUR**
[72] CRAWFORD, WILLIAM P., US
[72] MONTENA, NOAH P., US
[71] PPC BROADBAND, INC., US
[85] 2019-11-08
[86] 2018-05-11 (PCT/US2018/032347)
[87] (WO2018/209253)
[30] US (62/505,109) 2017-05-11

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[51] **Int.Cl. A61K 36/287 (2006.01) A61K 8/97 (2017.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **PLANT EXTRACTS WITH ANTI-DIABETIC AND OTHER USEFUL ACTIVITIES**
[54] **EXTRAITS DE PLANTES PRESENTANT DES ACTIVITES ANTI-DIABETIQUES ET D'AUTRES ACTIVITES UTILES**
[72] BALASH, MONICA ELIZABETH, US
[72] HOUSEY, GERARD M., US
[71] HOUSEY PHARMACEUTICAL RESEARCH LABORATORIES, L.L.C., US
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[54] **HISTONE DEACETYLASES (HDACS) INHIBITORS**
[54] **INHIBITEURS DES HISTONE DESACETYLASES (HDAC)**
[72] CHERN, JI-WANG, CN
[72] YU, CHAO-WU, CN
[72] LIU, JIA-RONG, CN
[72] HO, YI-HSUN, CN
[72] WU, CHIA-YU, CN
[72] HUANG, CHAN-HUI, CN
[72] HUNG, PEI-YUN, CN
[71] ANNJI PHARMACEUTICAL CO., LTD., CN
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[54] **SELF-RELEASING LOCK MECHANISM**
[54] **MECANISME DE VERROUILLAGE A AUTODECLENCHEMENT**
[72] JARR, CHRISTOPHER R., US
[72] RICKENBRODE, STEVEN E., US
[71] WOODWARD, INC., US
[85] 2019-11-08
[86] 2018-04-11 (PCT/US2018/027083)
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[54] **REDUCING THE COULOMBIC BARRIER TO INTERACTING REACTANTS**
[54] **REDUCTION DE LA BARRIERE DE COULOMB EN REACTIFS INTERAGISSANTS**
[72] WONG, ALFRED Y., US
[71] ALPHA RING INTERNATIONAL, LTD., KY
[85] 2019-11-08
[86] 2018-05-04 (PCT/US2018/031244)
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[54] **COMPOSITIONS, PACKAGED PHARMACEUTICALS, AND METHODS OF USING POSACONAZOLE FOR THE SENSITIZATION OF RESISTANT TUMORS**
[54] **COMPOSITIONS, PRODUITS PHARMACEUTIQUES CONDITIONNES, ET METHODES D'UTILISATION DE POSACONAZOLE POUR LA SENSIBILISATION DE TUMEURS RESISTANTES**
[72] BHAGWANDIN, VIKASH J., US
[71] BHAGWANDIN, VIKASH J., US
[85] 2019-11-08
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[54] **REAL-TIME ONSITE MECHANICAL CHARACTERIZATION OF WELLBORE CUTTINGS**
[54] **CARACTERISATION MECANIQUE SUR SITE EN TEMPS REEL DE DEBLAIS DE FORAGE**
[72] HULL, KATHERINE LEIGH, US
[72] ABOUSLEIMAN, YOUNANE N., US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2019-11-08
[86] 2018-05-01 (PCT/US2018/030393)
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[54] **MULTI-FREQUENCY ACOUSTIC INTERROGATION FOR AZIMUTHAL ORIENTATION OF DOWNHOLE TOOLS**
[54] **INTERROGATION ACOUSTIQUE MULTIFREQUENCE POUR UNE ORIENTATION AZIMUTALE D'OUTILS DE FOND DE TROU**
[72] COOPER, DANIEL BOYD, US
[72] RAUM, MATTHEW THOMAS, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[86] 2018-05-11 (PCT/US2018/032294)
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[54] **WEDGE CONNECTOR ASSEMBLY AND METHOD THEREOF**
[54] **ENSEMBLE CONNECTEUR A COIN ET SON PROCEDE**
[72] MURUGIAH, SACHIDANANDAN, CA
[72] JOHNSON, BARRY JAMES, CA
[72] MITCHELL, STEVE, US
[72] GUPPY, JONATHAN, CA
[71] TE CONNECTIVITY CORPORATION, US
[71] TYCO ELECTRONICS CANADA ULC, CA
[85] 2019-11-08
[86] 2018-05-01 (PCT/US2018/030439)
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[25] EN
[54] **NETWORK COMPUTER SYSTEM TO POSITION SERVICE PROVIDERS USING PROVISIONING LEVEL DETERMINATIONS**
[54] **SYSTEME INFORMATIQUE DE RESEAU PERMETTANT DE POSITIONNER DES FOURNISSEURS DE SERVICES A L'AIDE DE DETERMINATIONS DE NIVEAUX D'APPROVISIONNEMENT**
[72] KUNCL, PARKER, US
[72] QUITORIANO, ASHLEY, US
[72] VERMA, AWANEESH, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2019-11-08
[86] 2018-05-11 (PCT/US2018/032360)
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[54] **ROUTING NETWORK TRAFFIC**
[54] **ROUTAGE DE TRAFIC DE RESEAU**
[72] ATTARWALA, MURTUZA, US
[72] OLOFSSON, LARS OLOF STEFAN, US
[72] SHAH, HIMANSHU, US
[71] CISCO TECHNOLOGY, INC., US
[85] 2019-11-08
[86] 2018-05-02 (PCT/US2018/030577)
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[54] **FIELD-EFFECT TUNABLE EPSILON-NEAR-ZERO ABSORBER**
[54] **ABSORBEUR EPSILON-PROCHE-ZERO ACCORDABLE A EFFET DE CHAMP**
[72] ANOPCHENKO, OLEKSIY, US
[72] LEE, HO WAI HOWARD, US
[71] BAYLOR UNIVERSITY, US
[85] 2019-11-08
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[51] **Int.Cl. H04L 29/06 (2006.01)**
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[54] **SYSTEM AND METHOD FOR BIOMETRIC IDENTIFICATION**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION BIOMETRIQUE**
[72] STREIT, SCOTT, US
[71] VERIDIUM IP LIMITED, GB
[85] 2019-11-08
[86] 2018-05-07 (PCT/US2018/031368)
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[51] **Int.Cl. G01V 1/40 (2006.01) G01V 1/50 (2006.01)**
[25] EN
[54] **PROCESSING METHODOLOGY FOR FULL-WAVEFORM SONIC WAVEFIELD SEPARATION**
[54] **METHODOLOGIE DE TRAITEMENT POUR UNE SEPARATION DE CHAMP D'ONDES SONORES A FORME D'ONDE COMPLETE**
[72] SUN, XUEKAI, CN
[72] AYADIUNO, CHRIS B., SA
[72] PLANCHART, CARLOS, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2019-11-08
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[54] **EXERCISE APPARATUS FOR PERFORMING A GLUTEAL BRIDGE MOVEMENT**
[54] **APPAREIL D'EXERCICE POUR EFFECTUER UN MOUVEMENT DE RELEVE DU BASSIN**
[72] KORDECKI, MICHAEL, US
[71] KORMEL LLC, US
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[54] **PROCESSES OF MAKING L-ORNITHINE PHENYLACETATE**
[54] **PROCEDES DE FABRICATION DE L-ORNITHINE PHENYLACETATE**
[72] PILSL, LUDWIG, DE
[72] WINKLER, GEORG, DE
[72] DEMARTIN, FRANK, US
[72] ELITZIN, VASSIL, US
[71] OCERA THERAPEUTICS, INC., US
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[54] **SYSTEMS AND METHODS FOR CHARGING A BATTERY**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE CHARGER UNE BATTERIE**
[72] VESELIC, DUSAN, CA
[71] FUNDAMENTAL INNOVATION SYSTEMS INTERNATIONAL LLC, US
[85] 2019-11-08
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[51] **Int.Cl. A23L 3/40 (2006.01)**
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[54] **PROCESS FOR IMPROVING SHELF-LIFE OF FRESH-CUT VEGETABLES AND FOOD PRODUCTS PRODUCED THEREBY**
[54] **PROCEDE D'AMELIORATION DE LA DUREE DE CONSERVATION DE LEGUMES FRAICHEMENT COUPES ET PRODUITS ALIMENTAIRES AINSI PRODUITS**
[72] RIZVI, SYED S.H., US
[72] SARAN, VIPUL PRAKASH, US
[71] CORNELL UNIVERSITY, US
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[25] EN
[54] **"GAMING SYSTEM AND METHOD COMPRISING MONETARY AND NON-MONETARY PRIZES"**
[54] **SYSTEME ET PROCEDE DE JEU COMPRENANT DES PRIX MONETAIRES ET NON MONETAIRES**
[72] HERRING, PETER JAMES, AU
[72] CREPALDI, JOSEPH RONALD, AU
[72] WYER, ANDREW, AU
[72] BRIDGES, DARYL, AU
[72] BRUCE, DARYL LEIGH, AU
[72] RILEY, SIMON DAVID, AU
[71] CHILL GAMING PTY LTD, AU
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[25] EN
[54] **BIODEGRADABLE MICROPARTICLES FOR SUSTAINED DELIVERY OF ANTI-ANGIOGENIC PEPTIDE**
[54] **MICROPARTICULES BIODEGRADABLES POUR L'ADMINISTRATION PROLONGEE D'UN PEPTIDE ANTI-ANGIOGENIQUE**
[72] GREEN, JORDAN J., US
[72] PANDEY, NIRANJAN, US
[72] POPEL, ALEKSANDER S., US
[72] CAMPOCHIARO, PETER A., US
[72] KIM, JAYOUNG, US
[72] LIMA E. SILVA, RAQUEL, US
[72] SHMUELI, RON, US
[72] MIRANDO, ADAM, US
[71] ASCLEPIX THERAPEUTICS, INC., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2019-11-08
[86] 2018-05-08 (PCT/US2018/031663)
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[51] **Int.Cl. G01N 33/96 (2006.01) G01N 33/50 (2006.01)**
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[54] **COMPOSITIONS AND METHODS FOR LYSIS OF RED BLOOD CELLS**
[54] **COMPOSITIONS ET PROCEDES POUR LA LYSE DE GLOBULES ROUGES**
[72] BRITTAIN, GEORGE C., IV, US
[72] GULNIK, SERGEI, US
[71] BECKMAN COULTER, INC., US
[85] 2019-11-08
[86] 2018-05-07 (PCT/US2018/031411)
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[51] **Int.Cl. H04L 7/027 (2006.01) H04L 7/00 (2006.01)**
[25] EN
[54] **PULSE-BASED SYNCHRONIZATION TRAINING FOR SYNCHRONOUS DIGITAL AND MIXED-SIGNAL SYSTEMS**
[54] **APPRENTISSAGE DE SYNCHRONISATION SE BASANT SUR DES IMPULSIONS POUR SYSTEMES DE SIGNAUX NUMERIQUES ET MIXTES SYNCHRONES**
[72] PRITCHARD, JEFF, US
[72] HIGHLEY, JEFF, US
[72] RANDOLPH, JAMES, III, US
[71] SEAKR ENGINEERING, INC., US
[85] 2019-11-08
[86] 2018-05-11 (PCT/US2018/032450)
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[51] **Int.Cl. H04W 48/12 (2009.01)**
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[54] **SIGNALING AND USING VIRTUAL CELL IDENTIFICATION FOR SFN-TYPE TRANSMISSIONS**
[54] **SIGNALISATION ET UTILISATION D'UNE IDENTIFICATION DE CELLULE VIRTUELLE POUR DES TRANSMISSIONS DE TYPE SFN**
[72] NAM, WOOSEOK, US
[72] LUO, TAO, US
[72] JOHN WILSON, MAKESH PRAVIN, US
[72] AKKARAKARAN, SONY, US
[72] CHAKRABORTY, KAUSHIK, US
[72] CHEN, SHENGBO, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-11-08
[86] 2018-06-12 (PCT/US2018/037172)
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[30] US (62/520,766) 2017-06-16
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[51] **Int.Cl. A61F 5/01 (2006.01) A43B 7/20 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR HUMAN ANATOMICAL ORTHOSES**
[54] **PROCEDES ET APPAREIL POUR ORTHESES ANATOMIQUES HUMAINES**
[72] THOR, ARNI, US
[72] THOR, SHIREEN, US
[71] THOR, ARNI, US
[71] THOR, SHIREEN, US
[85] 2019-11-08
[86] 2018-05-12 (PCT/US2018/032480)
[87] (WO2018/209332)
[30] US (62/505,740) 2017-05-12
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[54] **PASSENGER RESTRAINT FOR AN AMUSEMENT RIDE**
[54] **DISPOSITIF DE RETENUE DE PASSAGER POUR MANEGE**
[72] MASTERSON, TOM, US
[72] BLUM, STEVEN C., US
[72] OLIVER, CHRISTOPHER, US
[72] VANCE, ERIC A., US
[72] FREEDMAN, DANIEL, US
[72] VAN WINKLE, TED W., US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2019-11-08
[86] 2018-05-08 (PCT/US2018/031671)
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[25] EN
[54] **GAMING METHOD, SYSTEM AND MACHINE COMPRISING A SKILL SCORE**
[54] **PROCEDE, SYSTEME ET MACHINE DE JEU COMPRENANT UN SCORE D'ADRESSE**
[72] HERRING, PETER JAMES, AU
[72] CREPALDI, JOSEPH RONALD, AU
[72] WYER, ANDREW, AU
[72] BRIDGES, DARYL, AU
[72] BRUCE, DARYL LEIGH, AU
[71] CHILL GAMING PTY LTD, AU
[85] 2019-10-30
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[87] (WO2017/205906)
[30] US (62/344,915) 2016-06-02
[30] AU (PCT/AU2017/050206) 2017-03-08

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[51] **Int.Cl. H04W 56/00 (2009.01)**
[25] EN
[54] **REFERENCE SIGNAL (RS) CONFIGURATION AND TRANSMISSION FROM SERVING AND NEIGHBOR CELL FOR MOBILITY**
[54] **CONFIGURATION DE SIGNAL DE REFERENCE ET TRANSMISSION D'UNE CELLULE DE DESSERTE A UNE CELLULE VOISINE POUR LA MOBILITE**
[72] NAGARAJA, SUMEETH, US
[72] LUO, TAO, US
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] CEZANNE, JUERGEN, US
[72] VAZE, CHINMAY, US
[72] CHALLA, RAGHU NARAYAN, US
[72] GOROKHOV, ALEXEI YURIEVITCH, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-11-08
[86] 2018-06-13 (PCT/US2018/037194)
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[30] US (62/521,092) 2017-06-16
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[25] EN
[54] **SHORT BURST CHANNEL DESIGN AND MULTIPLEXING**
[54] **CONCEPTION ET MULTIPLEXAGE DE CANAL A RAFALE COURTE**
[72] WANG, RENQIU, US
[72] HUANG, YI, US
[72] XU, HAO, US
[72] JI, TINGFANG, US
[72] PARK, SEYONG, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-11-08
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[30] US (62/521,297) 2017-06-16

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[51] **Int.Cl. C02F 3/34 (2006.01) C12N 1/20 (2006.01) H01M 8/16 (2006.01)**
[25] EN
[54] **MICROBIAL FUEL CELL CATHODE AND METHOD OF MAKING SAME**
[54] **CATHODE DE PILE A COMBUSTIBLE MICROBIENNE ET SON PROCEDE DE FABRICATION**
[72] SOLINA, BRENT A., US
[72] CARLTON, ALEX, US
[71] MICRORGANIC TECHNOLOGIES, INC., US
[85] 2019-11-08
[86] 2018-05-14 (PCT/US2018/032497)
[87] (WO2018/209336)
[30] US (62/505,530) 2017-05-12

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[51] **Int.Cl. G07F 17/32 (2006.01) A63F 13/00 (2014.01)**
[25] EN
[54] **GAMING SYSTEM AND METHOD COMPRISING MONETARY AND NON-MONETARY PRIZES**
[54] **SYSTEME ET PROCEDE DE JEU COMPRENANT DES PRIX MONETAIRES ET NON MONETAIRES**
[72] HERRING, PETER JAMES, AU
[72] CREPALDI, JOSEPH RONALD, AU
[72] WYER, ANDREW, AU
[72] BRIDGES, DARYL, AU
[72] BRUCE, DARYL LEIGH, AU
[71] CHILL GAMING PTY LTD, AU
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[54] **AIR CONDITIONER AND AN AIR CONDITIONER HOUSING**
[54] **CLIMATISEUR ET BOITIER DE CLIMATISEUR**
[72] SWANSON, KURT, US
[71] PREMIUM HOME COMFORT, INC., US
[85] 2019-11-08
[86] 2018-05-14 (PCT/US2018/032570)
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[30] US (62/505,448) 2017-05-12

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[54] **PVC BOARD AND METHOD OF MANUFACTURE**
[54] **PANNEAU PVC ET SON PROCEDE DE FABRICATION**
[72] CHENG, QUANSHAN, CN
[72] XUE, GENXIANG, CN
[72] YUAN, JUN, CN
[71] TAIZHOU HUALI PLASTIC CO., LTD., CN
[85] 2019-10-30
[86] 2017-05-03 (PCT/CN2017/082831)
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[71] SOLENIS TECHNOLOGIES, L.P., US
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[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DU SYNDROME DE LA VESSIE HYPERACTIVE IDIOPATHIQUE ET DE L'HYPERACTIVITE DU DETRUSOR**
[72] MELMAN, ARNOLD, US
[72] CHRIST, GEORGE, US
[72] ANDERSSON, KARL-ERIK, SE
[71] ION CHANNEL INNOVATIONS, LLC, US
[85] 2019-11-08
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[54] **METHODES THERAPEUTIQUES ET COMPOSITIONS ASSOCIEES**
[72] DAMAJ, BASSAM, US
[71] INNOVUS PHARMACEUTICALS, INC., US
[85] 2019-11-08
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[54] **PROCEDE ET APPAREIL DE STOCKAGE DE DONNEES**
[72] HULME, JOHN RICHARD, GB
[72] GUTIERREZ MORERA, RAMON, ES
[72] VOGELBERG, KLAUS-MICHAEL, GB
[71] SAGE GLOBAL SERVICES LIMITED, GB
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[54] **ETIQUETAGE AUTOMATIQUE DE PRODUITS PAR L'INTERMEDIAIRE D'UN SYSTEME DE PAIEMENT RAPIDE**
[72] CHAUBARD, FRANCOIS, US
[72] GARAFULIC, ADRIANO QUIROGA, US
[71] FOCAL SYSTEMS, INC., US
[85] 2019-11-08
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[54] **REACTEUR UTILISANT DES CHAMPS ELECTRIQUES A VARIATION AZIMUTALE**
[72] WONG, ALFRED Y., US
[71] ALPHA RING INTERNATIONAL, LTD., KY
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[54] **DETERMINATION OF QUALITY OF SERVICE OF A NETWORK TUNNEL**
[54] **DETERMINATION DE LA QUALITE DE SERVICE D'UN TUNNEL DE RESEAU**
[72] ATTARWALA, MURTUZA S., US
[71] CISCO TECHNOLOGY, INC., US
[85] 2019-11-08
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[54] **INHIBITEURS DE KINASES DE REGULATION DU SIGNAL D'APOPTOSE 1 ET LEURS PROCEDES D'UTILISATION**
[72] WANG, GUOQIANG, US
[72] SHEN, RUICHAO, US
[72] LONG, JIANG, US
[72] MA, JUN, US
[72] XING, XUECHAO, US
[72] HE, YONG, US
[72] GRANGER, BRETT, US
[72] HE, JING, US
[72] WANG, BIN, US
[72] OR, YAT SUN, US
[71] ENANTA PHARMACEUTICALS, INC., US
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[71] ALPHA RING INTERNATIONAL, LTD., KY
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[30] US (15/590,962) 2017-05-09
[30] US (15/594,491) 2017-05-12
[30] US (15/679,094) 2017-08-16
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[54] **UTILISATION D'UN COMPOSE POLYPEPTIDIQUE DANS LE TRAITEMENT DE LA PANCREATITE AIGUE**
[72] LIU, LIPING, CN
[72] BAI, RU, CN
[71] SHENZHEN HIGHTIDE BIOPHARMACEUTICAL, LTD., CN
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[54] **COMPOSITIONS DE TRAITEMENT DE SEMENCES, DE SOLS ET DE PLANTES**
[72] JOHNSON, EVAN, US
[72] LANOUE, ANDREW, US
[72] RATHS, RACHEL, US
[72] JOHNSON, MICHAEL, US
[71] RALCO NUTRITION, INC., US
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[54] **COMPOSITIONS ANTIMICROBIENNES COMPRENANT DES CANNABINOIDES ET LEURS METHODES D'UTILISATION**
[72] ZIPP, BRANDON JOEL, US
[72] BROOKE, ROBERT THOMAS, US
[71] VITALITY BIOPHARMA, INC., US
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[54] **APPAREIL ET PROCEDES D'IDENTIFICATION DE TISSU ENDOMETRIAL**
[72] FELDMAN, MARC D., US
[72] MILNER, THOMAS E., US
[72] CABE, ANDREW G., US
[72] ESTRADA, ARNOLD D., US
[71] RESEARCH DEVELOPMENT FOUNDATION, US
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE DISTINGUER DES UTILISATEURS HUMAINS ET DES ROBOTS LOGICIELS**
[72] BAILEY, CHRISTOPHER EVERETT, CA
[72] LUKASHUK, RANDY, CA
[72] CUNNINGHAM, JONATHAN, CA
[71] MASTERCARD TECHNOLOGIES CANADA ULC, CA
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[54] **SYSTEME AMPLIFICATEUR A SEMI-CONDUCTEURS COMBINE A CAVITE RESONANTE**
[72] JOHNSON, ERIK G., US
[72] GAUDREAU, MARCEL P.J., US
[72] KINROSS-WRIGHT, JOHN, US
[72] NIELL, FREDERICK MARVIN, III, US
[72] COPE, DAVID B., US
[71] DIVERSIFIED TECHNOLOGIES, INC., US
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[72] BALDWIN, STEPHEN, US
[72] MEYER, TOM, US
[72] ERIXON, ANNA, US
[72] PRESTI, RICHARD A., US
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[54] **SYST?ME ET PROCEDE POUR INTERCEPTER ET CONTRER DES VEHICULES AERIENS SANS PILOTE (UAV)**
[72] FISHER, CHRISTOPHER EUGENE, US
[72] MORGAN, MICHAEL FRANKLIN, US
[71] AEROVIRONMENT, INC., US
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[54] **SYSTEMS AND METHODS FOR NOISE MITIGATION FOR HYBRID AND ELECTRIC AIRCRAFT**
[54] **SYSTEMES ET PROCEDES D'ATTENUATION DU BRUIT POUR AERONEF HYBRIDE ET ELECTRIQUE**
[72] GARTENBERG, LENNY, US
[72] ANDERSON, RICHARD P., US
[72] MARTOS, BORJA, US
[71] EMBRY-RIDDLE AERONAUTICAL UNIVERSITY, INC., US
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[54] **APPAREIL ET PROCEDE DE NORMALISATION ET D'AGENCEMENT POUR MATIERES PREMIERES A BASE DE FIBRES HERBACEES**
[72] LIU, ZHENGCHU, CN
[72] SU, WEILI, CN
[72] LI, YUNFENG, CN
[71] DAQING SKY GREEN BIOLOGICAL NEW MATERIAL TECHNOLOGY CO, LTD, CN
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[54] **SYSTEME MULTI-POMPE AVEC CONTROLE DE SYSTEME**
[72] SHUY, GEOFFREY WEN-TAI, TW
[72] CHANG, WEN TEN, TW
[72] LIAO, JAU-DAR, TW
[72] LAI, HSIN-CHEN, TW
[72] LI, CHANG-HORANG, TW
[72] LU, MING HUEI, TW
[71] LT LIGHTING (TAIWAN) CORPORATION, TW
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[54] **ELEMENT RAYONNANT A DOUBLE POLARISATION ET ANTENNE**
[72] SEGADOR ALVAREZ, JUAN, DE
[72] TANG, TAO, DE
[72] BISCONTINI, BRUNO, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **ORGANES DE ROULEMENT POUR VEHICULE FERROVIAIRE ET VEHICULE FERROVIAIRE ASSOCIE**
[72] CARL, FEDERIC, DE
[72] SCHONEMANN, THIMO, DE
[72] WOLF, ANDREAS, CH
[72] AUER, WOLFGANG, DE
[71] BOMBARDIER TRANSPORTATION GMBH, DE
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[54] **PROTEINES INSECTICIDES ET LEURS PROCEDES D'UTILISATION**
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[72] WANG, JIMEI, US
[72] YALPANI, NASSER, CA
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **COMBINATION THERAPIES FOR TREATING CANCER**
[54] **POLYTHERAPIES POUR LE TRAITEMENT DU CANCER**
[72] BOBILEV, DMITRI, US
[72] DEZUBE, BRUCE, US
[72] SUN, PENG, US
[72] FERGUSON, ANDREW R., US
[71] TESARO, INC., US
[71] MERCK SHARP & DOHME B.V., NL
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[54] **DISPOSITIF DE TRAITEMENT, N□UD DE RESEAU, DISPOSITIF CLIENT ET PROCEDES ASSOCIES**
[72] WANG, PENG, SE
[72] BERGGREN, FREDRIK, SE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **CLOTTING FACTOR VARIANTS AND THEIR USE**
[54] **VARIANTS DU FACTEUR DE COAGULATION ET LEUR UTILISATION**
[72] GAUCHER, ERIC, US
[72] RADFORD, CAELAN, US
[72] DOERING, CHRISTOPHER, US
[72] SPENCER, HAROLD TRENT, US
[71] EMORY UNIVERSITY, US
[71] CHILDREN'S HEALTHCARE OF ATLANTA, INC., US
[71] GEORGIA TECH RESEARCH CORPORATION, US
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[54] **ENSEMBLE ROBINET**
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[71] DS SMITH PLASTICS LIMITED, GB
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[54] **SYSTEME ET PROCEDE DE COMMANDE DU DEPLACEMENT DE ROBOTS**
[72] SZATMARY, BOTOND, US
[72] RICHERT, MICAH, US
[72] PASSOT, JEAN-BAPTISTE, US
[72] BLACK, JOHN, US
[72] MARTIN, OLIVER, US
[71] BRAIN CORPORATION, US
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[54] **PROCEDE ET DISPOSITIF DE COMMUNICATION SANS FIL**
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[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-11-01
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[54] **COMPOSITIONS FORMANT UNE MOUSSE POUR L'ADMINISTRATION D'UN ACTIF DANS UNE CAVITE CORPORELLE**
[72] LINDAL, AKE, SE
[72] SAGNA, DAVID, SE
[71] PHARMIVA AB, SE
[85] 2019-11-11
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[54] **MATERIAUX D'ISOLATION THERMIQUE ET DE PROTECTION CONTRE LES INCENDIES ET PROCEDE DE DEVELOPPEMENT DE CEUX-CI**
[72] SINGH, PREMENDRA PRATAP, IN
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[54] **METHOD AND DEVICE FOR DISCONTINUOUS RECEPTION**
[54] **PROCEDE ET DISPOSITIF POUR RECEPTION DISCONTINUE**
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-11-01
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[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 40/00 (2012.01)**
[25] EN
[54] **PAYMENT SYSTEM AND METHOD INCLUDING ACCOUNT RECONCILIATION WITH FLOAT**
[54] **SYSTEME ET PROCEDE DE PAIEMENT COMPRENANT UN RAPPROCHEMENT DE COMPTES AVEC LE MOYEN DE PAIEMENT FLOTTANT**
[72] VOLBERG, RYAN, CA
[72] FALK, KEVIN BERNHARD, CA
[72] BARHA, STEVE, CA
[71] INSTANT FINANCIAL, INC., CA
[85] 2019-11-12
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[87] (WO2018/205032)
[30] US (62/505,508) 2017-05-12

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[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **METHOD FOR DETERMINING TRANSMISSION PARAMETERS OF UPLINK SIGNAL, TERMINAL AND NETWORK DEVICE**
[54] **PROCEDE DE DETERMINATION DE PARAMETRES DE TRANSMISSION D'UN SIGNAL DE LIAISON MONTANTE, TERMINAL ET DISPOSITIF DE RESEAU**
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-11-01
[86] 2017-05-04 (PCT/CN2017/083083)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING ALZHEIMER'S DISEASE**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER**
[72] FU, XIN-YUAN, US
[71] GENEROS BIOPHARMA LTD., CN
[85] 2019-11-08
[86] 2018-05-09 (PCT/US2018/031901)
[87] (WO2018/213081)
[30] US (62/506,782) 2017-05-16

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[51] **Int.Cl. B62B 7/06 (2006.01)**
[25] EN
[54] **STROLLER**
[54] **POUSSETTE**
[72] CHENG, CHIH-CHING, CN
[71] UNIQUE PRODUCT & DESIGN CO., LTD., CN
[71] DONGGUAN WENJIAN GOLF PRODUCTS CO., LTD., CN
[85] 2019-11-01
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[30] CN (201720573453.2) 2017-05-22

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[25] EN
[54] **APPARATUS FOR HAIR COOLING AND DEHUMIDIFICATION**
[54] **APPAREIL PERMETTANT DE REFROIDIR ET DE DESHUMIDIFIER DES CHEVEUX**
[72] SUMMERVILLE, TUMAJAH V., US
[72] SUMMERVILLE, LARRY M., US
[71] TIGHT & RIGHT HAIR REVOLUTION, INC., US
[85] 2019-11-08
[86] 2018-05-10 (PCT/US2018/031948)
[87] (WO2018/209013)
[30] US (15/593,416) 2017-05-12

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[51] **Int.Cl. H04W 56/00 (2009.01)**
[25] EN
[54] **TIMING METHOD FOR SYNCHRONIZATION SIGNAL BLOCK, AND RELATED PRODUCT**
[54] **PROCEDE DE SYNCHRONISATION DESTINE A UN BLOC DE SIGNAL DE SYNCHRONISATION, ET PRODUIT ASSOCIE**
[72] ZHANG, ZHI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-11-04
[86] 2017-05-04 (PCT/CN2017/083039)
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[51] **Int.Cl. C12N 15/81 (2006.01) C07C 15/113 (2006.01) C07C 59/08 (2006.01) C07C 59/235 (2006.01) C07C 59/245 (2006.01) C12P 7/46 (2006.01) C12P 7/56 (2006.01)**
[25] EN
[54] **TOOLS AND METHODS FOR GENOME EDITING ISSATCHENKIA ORIENTALIS AND OTHER INDUSTRIALLY USEFUL YEAST**
[54] **OUTILS ET PROCEDES POUR L'EDITION DU GENOME D'ISSATCHENKIA ORIENTALIS ET D'AUTRES LEVURES INDUSTRIELLEMENT UTILES**
[72] RYAN, OWEN, US
[71] LCY BIOSCIENCES INC., CA
[85] 2019-11-12
[86] 2018-05-14 (PCT/CA2018/050569)
[87] (WO2018/205037)
[30] US (62/505,451) 2017-05-12

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[51] **Int.Cl. H04W 24/08 (2009.01)**
[25] EN
[54] **MEASUREMENT CONFIGURATION METHOD AND RELATED PRODUCT**
[54] **PROCEDE DE CONFIGURATION DE MESURE ET PRODUIT ASSOCIE**
[72] YANG, NING, CN
[72] LIU, JIANHUA, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-11-04
[86] 2017-07-20 (PCT/CN2017/093672)
[87] (WO2019/014892)

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[51] **Int.Cl. H04W 76/00 (2018.01)**
[25] EN
[54] **DATA PROCESSING METHOD AND RELATED DEVICE**
[54] **PROCEDE DE TRAITEMENT DE DONNEES ET DISPOSITIF ASSOCIE**
[72] LIU, JIANHUA, CN
[72] YANG, NING, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-11-06
[86] 2017-08-04 (PCT/CN2017/096078)
[87] (WO2019/024104)

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[51] **Int.Cl. B32B 5/00 (2006.01) B82Y 30/00 (2011.01) B32B 33/00 (2006.01)**
[25] EN
[54] **STRETCHABLE NANOCOMPOSITE SKIN MATERIAL AND RELATED STRUCTURES**
[54] **MATERIAU DE REVETEMENT NANOCOMPOSITE ETIRABLE ET STRUCTURES ASSOCIEES**
[72] ASHRAFI, BEHNAM, CA
[72] JAKUBINEK, MICHAEL, CA
[72] LAQUA, KURTIS, CA
[72] MARTINEZ-RUBI, YADIENKA, CA
[72] SIMARD, BENOIT, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2019-11-12
[86] 2018-05-14 (PCT/CA2018/050571)
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[30] US (62/506,279) 2017-05-15

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 31/46 (2006.01) A61K 47/18 (2017.01) A61K 47/38 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **ATROPINE PHARMACEUTICAL COMPOSITIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES D'ATROPINE**
[72] PURI, NAVNEET, US
[72] AKASAPU, PREM SAGAR, US
[72] MOHAMMED, IRFAN A., US
[72] SOPPIMATH, KUMARESH, US
[72] ILITCHEV, IOURI V., US
[72] ZHANG, TAO, US
[71] NEVAKAR INC., US
[85] 2019-11-08
[86] 2018-05-10 (PCT/US2018/032017)
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[51] **Int.Cl. A61K 8/60 (2006.01) A61Q 17/04 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **USE OF NATURALLY GLYCOSYLATED POLYPHENOLS AS PROTECTIVE AGENTS AGAINST THE EFFECTS OF ULTRAVIOLET IRRADIATION**
[54] **UTILISATION DE POLYPHENOLS NATURELLEMENT GLYCOSYLES EN TANT QU'AGENTS PROTECTEURS CONTRE LES EFFETS DE L'IRRADIATION PAR LES ULTRAVIOLETS**
[72] MAYER, WOLFGANG, CH
[72] KORKINA, LIUDMILA, IT
[71] MEDENA AG, CH
[85] 2019-11-12
[86] 2017-05-18 (PCT/CH2017/000048)
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[51] **Int.Cl. A61B 17/08 (2006.01) A61B 17/03 (2006.01) A61B 17/04 (2006.01)**
[25] EN
[54] **WOUND CLOSURE SYSTEM**
[54] **SYSTEME DE FERMETURE DE PLAIE**
[72] PIZANIAS, VLASSIOS, US
[71] PIZANIAS, VLASSIOS, US
[85] 2019-11-08
[86] 2018-05-10 (PCT/US2018/032019)
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[30] US (62/504,020) 2017-05-10

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[51] **Int.Cl. G01V 3/08 (2006.01) G01V 3/26 (2006.01)**
[25] EN
[54] **CAPACITIVE ELECTROMAGNETIC FORMATION SURVEILLANCE USING PASSIVE SOURCE**
[54] **SURVEILLANCE DE FORMATION ELECTROMAGNETIQUE CAPACITIVE A L'AIDE D'UNE SOURCE PASSIVE**
[72] COLOMBO, DANIELE, SA
[72] MCNEICE, GARY W., SA
[72] BOULDIN, BRETT W., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2019-11-08
[86] 2018-05-10 (PCT/US2018/032030)
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[54] **CALORIE REDUCED SUGAR SUBSTITUTE COMPOSITIONS**
[54] **COMPOSITIONS DE SUBSTITUTION DE SUCRE A TENEUR REDUITE EN CALORIES**
[72] SAVOVA, EVDOKIA, CA
[72] DULLEMOND, WALTER G., CA
[71] FTC INTERNATIONAL CONSULTING LTD., CA
[85] 2019-11-12
[86] 2018-05-14 (PCT/CA2018/050573)
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[30] US (62/505,804) 2017-05-12

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[51] **Int.Cl. F16L 55/26 (2006.01) B05B 13/06 (2006.01) B29C 53/58 (2006.01) B29C 53/60 (2006.01)**
[25] EN
[54] **INVERTED FILAMENT WINDER FOR PIPELINE REHABILITATION**
[54] **ENROULEUR DE FILAMENT INVERSE POUR REMISE EN ETAT DE CONDUITE**
[72] WEISENBERG, KENT, US
[71] SIPP TECHNOLOGIES, LLC, US
[85] 2019-11-08
[86] 2018-05-10 (PCT/US2018/032064)
[87] (WO2018/209084)
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[30] US (62/620,171) 2018-01-22
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[51] **Int.Cl. C08J 3/12 (2006.01) C08B 3/30 (2006.01) C08L 1/02 (2006.01) C30B 29/58 (2006.01)**
[25] EN
[54] **PREPARATION OF SOLVENT AND POLYMER REDISPERSIBLE FORMULATIONS OF DRIED CELLULOSE NANOCRYSTALS (CNC)**
[54] **PREPARATION DE FORMULATIONS, REDISPERSABLES DANS UN SOLVANT ET UN POLYMERE, DE NANOCRISTAUX DE CELLULOSE (CNC) SECHES**
[72] BOURASSA, PHILIPPE, CA
[72] METHOT, MYRIAM, CA
[72] BERRY, RICHARD MCKINNON, CA
[71] CELLUFORCE INC., CA
[85] 2019-11-12
[86] 2018-05-15 (PCT/CA2018/050574)
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[30] US (62/508,556) 2017-05-19

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[51] **Int.Cl. A61K 31/70 (2006.01) A61P 17/02 (2006.01)**
[25] FR
[54] **USE OF OLIGOSACCHARIDE COMPOUNDS FOR TREATING WOUNDS OF ARTERIOPATHIC DIABETIC PATIENTS**
[54] **UTILISATION DE COMPOSES OLIGOSACCHARIDIQUES POUR TRAITER LES PLAIES DES PATIENTS DIABETIQUES ARTERIOPATIQUES**
[72] BOHBOT, SERGE, FR
[71] URGO RECHERCHE INNOVATION ET DEVELOPPEMENT, FR
[85] 2019-11-07
[86] 2018-05-16 (PCT/EP2018/062811)
[87] (WO2018/210969)
[30] FR (17 54363) 2017-05-17
[30] FR (17 55620) 2017-06-20

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[51] **Int.Cl. H04L 1/00 (2006.01)**
[25] EN
[54] **DATA INDICATING METHOD AND RELATED PRODUCTS**
[54] **PROCEDE D'INDICATION DE DONNEES ET PRODUIT ASSOCIE**
[72] LIN, YANAN, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[51] **Int.Cl. B61F 19/04 (2006.01)**
[25] EN
[54] **ENERGY-ABSORBING ANTI-CREEPER AND TRAIN VEHICLE WITH ENERGY-ABSORBING ANTI-CREEPER**
[54] **ARRET DE CHEMINEMENT A ABSORPTION D'ENERGIE ET VEHICULE FERROVIAIRE EQUIPE CELUI-CI**
[72] DING, SANSAN, CN
[72] ZHANG, YONGGUI, CN
[72] TIAN, AIQIN, CN
[72] TIAN, HONGLEI, CN
[72] ZHAO, SHIZHONG, CN
[72] LI, LUXING, CN
[71] CRRC QINGDAO SIFANG CO., LTD., CN
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[86] 2018-04-20 (PCT/CN2018/083852)
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[25] EN
[54] **METHOD FOR CHARACTERIZING PARTICLES PRODUCING HEAT WHEN EXPOSED TO LIGHT AND DEVICE FOR CARRYING OUT THE METHOD**
[54] **PROCEDE DE CARACTERISATION DE PARTICULES PRODUISANT DE LA CHALEUR EN CAS D'EXPOSITION A LA LUMIERE ET DISPOSITIF DE MISE EN □UVRE DUDIT PROCEDE**
[72] GEERS, CHRISTOPH, CH
[72] BONMARIN, MATHIAS, CH
[72] FINK, ALKE, CH
[72] MONNIER, CHRISTOPHE A., CH
[71] NANOLOCKIN GMBH, CH
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[51] **Int.Cl. A61F 13/475 (2006.01) A61F 13/49 (2006.01) A61F 13/511 (2006.01) A61F 13/534 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLE WITH CHANNELS AND METHOD FOR MANUFACTURING THEREOF**
[54] **ARTICLE ABSORBANT A CANAUX ET SON PROCEDE DE PRODUCTION**
[72] VAN INGELGEM, WERNER, BE
[72] SMET, STEVEN, BE
[72] DERYCKE, TOM, BE
[72] VERDUYN, DRIES, BE
[71] DRYLOCK TECHNOLOGIES NV, BE
[85] 2019-11-12
[86] 2018-05-14 (PCT/EP2018/062385)
[87] (WO2018/210752)
[30] EP (17171110.4) 2017-05-15
[30] EP (17183453.4) 2017-07-27
[30] EP (17190395.8) 2017-09-11
[30] EP (17196434.9) 2017-10-13
[30] EP (17198349.7) 2017-10-25
[30] EP (17198368.7) 2017-10-25
[30] EP (17198652.4) 2017-10-26
[30] EP (17200847.6) 2017-11-09
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[51] **Int.Cl. H04W 24/00 (2009.01)**
[25] EN
[54] **PHYSICAL RESOURCE GROUP SIZE FOR PRECODED CHANNEL STATE INFORMATION REFERENCE SIGNALS**
[54] **TAILLE DE GROUPE DE RESSOURCES PHYSIQUES POUR SIGNAUX DE REFERENCE D'INFORMATIONS D'ETAT DE CANAL PRECODES**
[72] HAO, CHENXI, US
[72] ZHANG, YU, US
[72] CHEN, WANSHI, US
[72] WEI, CHAO, US
[72] WU, LIANGMING, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-11-12
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[25] EN
[54] **ABSORBENT ARTICLE WITH CHANNELS AND METHOD FOR MANUFACTURING THEREOF**
[54] **ARTICLE ABSORBANT A CANAUX ET SON PROCEDE DE FABRICATION**
[72] VAN INGELGEM, WERNER, BE
[72] SMET, STEVEN, BE
[72] DERYCKE, TOM, BE
[72] VERDUYN, DRIES, BE
[71] DRYLOCK TECHNOLOGIES NV, BE
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[86] 2018-05-14 (PCT/EP2018/062386)
[87] (WO2018/210753)
[30] EP (17171110.4) 2017-05-15
[30] EP (17183453.4) 2017-07-27
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[25] EN
[54] **TRANSMISSION RATE CONTROL METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE COMMANDE DE DEBIT DE TRANSMISSION**
[72] LIU, JING, CN
[72] DAI, MINGZENG, CN
[72] PENG, WENJIE, CN
[72] GUO, YI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[51] **Int.Cl. A61F 13/475 (2006.01) A61F 13/49 (2006.01) A61F 13/511 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLE WITH CHANNELS AND METHOD FOR MANUFACTURING THEREOF**
[54] **ARTICLE ABSORBANT A CANAUX ET SON PROCEDE DE FABRICATION**
[72] SMET, STEVEN, BE
[72] VAN INGELGEM, WERNER, BE
[72] DERYCKE, TOM, BE
[72] VERDUYN, DRIES, BE
[71] DRYLOCK TECHNOLOGIES NV, BE
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[86] 2018-05-14 (PCT/EP2018/062388)
[87] (WO2018/210754)
[30] EP (17183453.4) 2017-07-27
[30] EP (17190395.8) 2017-09-11
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[51] **Int.Cl. H04W 36/00 (2009.01) H04W 76/10 (2018.01)**
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[54] **PDU SESSION PROCESSING METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE SESSION D'UNITE PDU**
[72] LI, HUAN, CN
[72] LU, WEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-11-12
[86] 2018-06-20 (PCT/CN2018/091906)
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[30] CN (201710469763.4) 2017-06-20
[30] CN (201711159218.1) 2017-11-20

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[51] **Int.Cl. B64C 1/06 (2006.01) B64C 27/08 (2006.01)**
[25] EN
[54] **UNMANNED AERIAL VEHICLE**
[54] **VEHICULE AERIEN SANS PILOTE**
[72] XIAO, DINGFENG, CN
[72] XU, ZHIQIN, CN
[71] GUANGZHOU XAIRCRAFT TECHNOLOGY CO., LTD, CN
[85] 2019-11-12
[86] 2018-07-27 (PCT/CN2018/097543)
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[25] EN
[54] **MUD MOTOR INVERSE POWER SECTION**
[54] **SECTION DE PUISSANCE INVERSE DE MOTEUR A BOUE**
[72] SICILIAN, JOSHUA ALAN, US
[72] ALI, FARAZ, US
[71] REME TECHNOLOGIES, LLC, US
[85] 2019-11-11
[86] 2018-05-25 (PCT/US2018/034639)
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[51] **Int.Cl. A61K 47/64 (2017.01) A61K 8/36 (2006.01) A61K 31/19 (2006.01) A61Q 19/00 (2006.01) C07K 7/08 (2006.01) C07K 19/00 (2006.01)**
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[54] **CONJUGATE OF ISOTRETINOIN AND PEPTIDE**
[54] **CONJUGUE D'ISOTRETINOINE ET D'UN PEPTIDE**
[72] CHUNG, YONG JI, KR
[72] KIM, EUN MI, KR
[71] CAREGEN CO., LTD., KR
[85] 2019-11-11
[86] 2018-05-11 (PCT/KR2018/005447)
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[30] KR (10-2017-0058866) 2017-05-11

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[51] **Int.Cl. E21B 36/00 (2006.01) E21B 43/24 (2006.01)**
[25] FR
[54] **FACILITY FOR HEATING THE PRODUCTION ZONE OF THE RESERVOIR OF A WELL FOR EXTRACTING HYDROCARBONS**
[54] **INSTALLATION DE RECHAUFFAGE DE LA ZONE PRODUCTRICE DU GISEMENT D'UN PUITS POUR L'EXTRACTION D'HYDROCARBURES**
[72] DAMOUR, JEAN-AURELIEN, FR
[72] COEFFE, GUILLAUME, FR
[72] JOHANNSON, DARREN, FR
[71] MAJUS LIMITED, FR
[85] 2019-11-12
[86] 2018-05-28 (PCT/FR2018/000143)
[87] (WO2018/220292)
[30] FR (1770547) 2017-05-29

[21] **3,063,274**
[13] A1
[51] **Int.Cl. E21B 36/00 (2006.01) E21B 43/24 (2006.01)**
[25] FR
[54] **FACILITY FOR HEATING HYDROCARBON EXTRACTION CONDUITS**
[54] **INSTALLATION DE RECHAUFFAGE DE CONDUITS D'EXTRACTION D'HYDROCARBURES**
[72] DAMOUR, JEAN-AURELIEN, FR
[72] COEFFE, GUILLLAUME, FR
[72] JOHANNSON, DARREN, FR
[71] MAJUS LIMITED, FR
[85] 2019-11-12
[86] 2018-05-28 (PCT/FR2018/000144)
[87] (WO2018/220293)
[30] FR (1770549) 2017-05-29

[21] **3,063,275**
[13] A1
[51] **Int.Cl. C12N 1/20 (2006.01) C12Q 1/04 (2006.01)**
[25] FR
[54] **MEDIUM AND PROCESS FOR THE CULTURE AND SELECTIVE ISOLATION OF THE BACTERIUM ENTEROCOCCUS HIRAE**
[54] **MILIEU ET PROCEDE DE CULTURE ET ISOLEMENT SELECTIF DE LA BACTERIE ENTEROCOCCUS HIRAE**
[72] RAOULT, DIDIER, FR
[72] KHELAIFIA, SABER, FR
[72] BONNET, MARION, FR
[71] FONDATION MEDITERRANEE INFECTION, FR
[71] UNIVERSITE D'AIX-MARSEILLE, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE MARSEILLE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[85] 2019-11-12
[86] 2018-05-30 (PCT/FR2018/051245)
[87] (WO2018/229380)
[30] FR (1755310) 2017-06-13

[21] **3,063,276**
[13] A1
[51] **Int.Cl. C25C 3/12 (2006.01) F27B 13/14 (2006.01) G06K 1/12 (2006.01)**
[25] FR
[54] **SYSTEM FOR THE TRACEABILITY OF CARBONACEOUS BLOCKS, CARBONACEOUS BLOCK PRODUCTION INSTALLATION COMPRISING SUCH A SYSTEM, AND CARBONACEOUS BLOCK TRACEABILITY METHOD**
[54] **SYSTEME TRACABILITE DE BLOCS CARBONES, INSTALLATION DE PRODUCTION DE BLOCS CARBONES COMPRENANT UN TEL SYSTEME ET PROCEDE DE TRACABILITE DE BLOCS CARBONES**
[72] MAHIEU, PIERRE, FR
[72] COULAUD, CHRISTIAN, FR
[72] GENIN, XAVIER, FR
[71] FIVES SOLIOS, FR
[85] 2019-11-12
[86] 2018-06-14 (PCT/FR2018/051403)
[87] (WO2018/229441)
[30] FR (17 55400) 2017-06-15

[21] **3,063,277**
[13] A1
[51] **Int.Cl. B60H 1/00 (2006.01) B60H 1/32 (2006.01)**
[25] FR
[54] **METHOD AND SYSTEM FOR CONDITIONING THE AIR IN A PASSENGER COMPARTMENT OF AN ELECTRIC VEHICLE, AND ELECTRIC VEHICLE IMPLEMENTING SUCH A METHOD OR SYSTEM**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE L'AIR D'UN HABITACLE D'UN VEHICULE ELECTRIQUE, ET VEHICULE ELECTRIQUE METTANT EN OEUVRE UN TEL PROCEDE OU SYSTEME**
[72] DESNEUX, ALEXANDRE, FR
[72] BARDOT, CHRISTOPHE, FR
[72] DURAND, FABIEN, FR
[72] MATHIEUX, ALEXANDRE, FR
[72] SUAUD, FREDDY, FR
[71] BLUEBUS, FR
[85] 2019-11-11
[86] 2018-05-17 (PCT/EP2018/062888)
[87] (WO2018/211006)
[30] FR (1754396) 2017-05-18

[21] **3,063,278**
[13] A1
[51] **Int.Cl. G06T 5/00 (2006.01)**
[25] EN
[54] **THERMOGRAPHY METHOD**
[54] **PROCEDE THERMOGRAPHIQUE**
[72] BURGHOLZER, PETER, AT
[71] RESEARCH CENTER FOR NON DESTRUCTIVE TESTING GMBH, AT
[85] 2019-11-12
[86] 2018-05-02 (PCT/AT2018/050007)
[87] (WO2018/209370)
[30] AT (A50421/2017) 2017-05-16

[21] **3,063,279**
[13] A1
[51] **Int.Cl. G06T 7/11 (2017.01) G06T 7/12 (2017.01)**
[25] FR
[54] **METHOD OF SEGMENTATION OF A THREE-DIMENSIONAL IMAGE FOR GENERATING A MODEL OF A MYOCARDIAL WALL FOR THE DETECTION OF AT LEAST ONE SINGULAR ZONE OF ELECTRICAL CIRCULATION**
[54] **METHODE DE SEGMENTATION D'UNE IMAGE TRIDIMENSIONNELLE POUR LA GENERATION D'UN MODELE DE PAROI DU MYOCARDE POUR LA DETECTION D'AU MOINS UNE ZONE DE CIRCULATION ELECTRIQUE SINGULIERE**
[72] COCHET, HUBERT, FR
[72] SERMESANT, MAXIME, FR
[72] JAIS, PIERRE, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE BORDEAUX, FR
[71] FONDATION UNIVERSITE BORDEAUX, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, FR
[85] 2019-11-08
[86] 2018-05-11 (PCT/EP2018/062258)
[87] (WO2018/206796)
[30] FR (1754107) 2017-05-10

[21] **3,063,281**
[13] A1
[51] **Int.Cl. G01G 19/04 (2006.01) B65G 67/22 (2006.01) G01G 13/06 (2006.01)**
[25] EN
[54] **TRAIN LOAD-OUT ARRANGEMENT**
[54] **AGENCEMENT DE CHARGEMENT DE TRAIN**
[72] LEE, DER-CHANG JOHN, AU
[71] DER-CHANG JOHN LEE ATF IKHTHUS TRUST, AU
[85] 2019-11-12
[86] 2018-04-16 (PCT/AU2018/050341)
[87] (WO2018/213869)
[30] AU (2017902013) 2017-05-26

[21] **3,063,282**
[13] A1
[51] **Int.Cl. G01N 21/63 (2006.01) G02F 1/35 (2006.01)**
[25] EN
[54] **A FREQUENCY CONVERSION DEVICE AND PROCESS**
[54] **DISPOSITIF ET PROCEDE DE CONVERSION DE FREQUENCE**
[72] NESHEV, DRAGOMIR N., AU
[72] RAHMANI, MOHSEN, AU
[72] TAN, HARK HOE, AU
[72] JAGADISH, CHENNUPATI, AU
[72] KIVSHAR, YURI, AU
[72] KAROUTA, FOUAD, AU
[72] SOLNTSEV, ALEXANDER, AU
[72] XU, LEI, AU
[72] MARINO, GIUSEPPE, FR
[72] SUKHORUKOV, ANDREY, AU
[71] THE AUSTRALIAN NATIONAL UNIVERSITY, AU
[85] 2019-11-12
[86] 2018-05-11 (PCT/AU2018/050448)
[87] (WO2018/204991)
[30] AU (2017901782) 2017-05-12

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[13] A1
[51] **Int.Cl. A61B 10/02 (2006.01)**
[25] EN
[54] **A MEDICAL PROCEDURE KIT AND A RELATED METHOD**
[54] **KIT D'ACTE MEDICAL ET PROCEDE ASSOCIE**
[72] ANDERSON, PAUL, AU
[72] ZHENG, MING HAO, AU
[71] ORTHOCELL LIMITED, AU
[85] 2019-11-12
[86] 2018-06-05 (PCT/AU2018/050558)
[87] (WO2018/223183)
[30] JP (2017-110996) 2017-06-05

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 38/38 (2006.01) A61K 38/47 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PREPARATION OF BIOLOGICALLY ACTIVE COMPLEXES**
[54] **PREPARATION DE COMPLEXES BIOLOGIQUEMENT ACTIFS**
[72] NADEEM, AFTAB, SE
[72] SVANBORG, CATHARINA, SE
[72] HO, CHIN SHING, SE
[71] HAMLET PHARMA AB, SE
[85] 2019-11-12
[86] 2018-05-14 (PCT/EP2018/062396)
[87] (WO2018/210759)
[30] GB (1707715.7) 2017-05-14

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[13] A1
[51] **Int.Cl. H01M 8/248 (2016.01) H01M 8/028 (2016.01) H01M 8/04746 (2016.01) C25B 1/04 (2006.01) C25B 1/12 (2006.01) C25B 9/20 (2006.01) H01M 8/124 (2016.01)**
[25] FR
[54] **REACTOR (SOEC) FOR ELECTROLYSIS OR CO-ELECTROLYSIS OF WATER OR FUEL CELL (SOFC) OPERATING IN A PRESSURIZED OPERATING MODE AND COMPRISING A CLAMPING SYSTEM SUITABLE FOR SUCH AN OPERATING MODE**
[54] **REACTEUR D'ELECTROLYSE OU DE CO-ELECTROLYSE DE L'EAU (SOEC) OU PILE A COMBUSTIBLE (SOFC) A FONCTIONNEMENT SOUS PRESSION ET A SYSTEME DE SERRAGE ADAPTE A UN TEL FONCTIONNEMENT**
[72] REYTIER, MAGALI, FR
[72] BERNARD, CHARLOTTE, FR
[72] ROUX, GUILHEM, FR
[72] SZYNAL, PHILIPPE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2019-11-08
[86] 2018-05-09 (PCT/EP2018/062151)
[87] (WO2018/210683)
[30] FR (1754260) 2017-05-15

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[13] A1
[51] **Int.Cl. A61K 31/4985 (2006.01) A61P 25/14 (2006.01) C07D 487/04 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED HETEROCYCLIC COMPOUNDS AS ALLOSTERIC MODULATORS OF GROUP II METABOTROPIC GLUTAMATE RECEPTORS**
[54] **COMPOSES HETEROCYCLIQUES SUBSTITUES UTILISES COMME MODULATEURS ALLOSTERIQUES DE RECEPTEURS METABOTROPIQUES DU GLUTAMATE DU GROUPE II**
[72] BLAYO, ANNE-LAURE, FR
[72] CATELAIN, THOMAS, FR
[72] DORANGE, ISMET, SE
[72] GENET, CEDRIC, FR
[72] MANTEAU, BAPTISTE, BE
[72] MAYER, STANISLAS, FR
[72] SCHANN, STEPHAN, FR
[71] MAVALON THERAPEUTICS LIMITED, GB
[85] 2019-11-12
[86] 2018-05-14 (PCT/EP2018/062409)
[87] (WO2018/206820)
[30] EP (17170865.4) 2017-05-12

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[13] A1
[51] **Int.Cl. C12N 9/00 (2006.01) C07K 1/14 (2006.01) C07K 1/34 (2006.01) C12N 1/08 (2006.01) C12N 9/10 (2006.01) C12N 9/22 (2006.01)**
[25] EN
[54] **ENZYME PRODUCTS**
[54] **PRODUITS ENZYMATIQUES**
[72] SCHONERT, STEFAN, DE
[72] SALOMO, MATHIAS, DE
[72] SCHULTCHEN, THOMAS, DE
[72] VOGEL, ANDREAS, DE
[72] KOPKE, SABRINA, DE
[72] BARTSCH, SEBASTIAN, DE
[72] BRUCHER, BIRGIT, DE
[72] FELLER, CLAUDIA, DE
[71] C-LECTA GMBH, DE
[85] 2019-11-12
[86] 2018-05-15 (PCT/EP2018/062476)
[87] (WO2018/210794)
[30] US (62/506,357) 2017-05-15
[30] US (62/581,880) 2017-11-06
[30] EP (17200572.0) 2017-11-08
[30] EP (18162420.6) 2018-03-16

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[13] A1
[51] **Int.Cl. B32B 27/08 (2006.01) A47B 95/04 (2006.01) A47B 96/20 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01) B32B 27/40 (2006.01)**
[25] EN
[54] **EDGE TRIM STRIP**
[54] **BANDE DE CHANT**
[72] OTTOW, MARTIN, DE
[72] HERMANNS, MARKUS, DE
[72] KREMER, CHRISTOPH, DE
[71] SURTECO GMBH, DE
[85] 2019-11-12
[86] 2018-05-11 (PCT/EP2018/062254)
[87] (WO2018/206792)
[30] DE (20 2017 102 859.3) 2017-05-12

[21] **3,063,291**
[13] A1
[51] **Int.Cl. A42B 3/06 (2006.01)**
[25] EN
[54] **HELMET**
[54] **CASQUE**
[72] HALLDIN, PETER, SE
[72] LINDBLOM, KIM, SE
[71] MIPS AB, SE
[85] 2019-11-12
[86] 2018-05-18 (PCT/EP2018/063193)
[87] (WO2018/211106)
[30] GB (1708094.6) 2017-05-19

[21] **3,063,292**
[13] A1
[51] **Int.Cl. B66B 5/00 (2006.01) B66B 1/34 (2006.01) B66B 9/08 (2006.01)**
[25] EN
[54] **PLATFORM LIFT**
[54] **PLATE-FORME ELEVATRICE**
[72] KASBERGEN, PAUL, NL
[71] THYSSENKRUPP STAIRLIFTS B.V., NL
[71] THYSSENKRUPP AG, DE
[85] 2019-11-12
[86] 2018-05-15 (PCT/EP2018/062484)
[87] (WO2018/215238)
[30] EP (17172544.3) 2017-05-23

[21] **3,063,293**
[13] A1
[51] **Int.Cl. C07K 16/40 (2006.01) A61K 39/395 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **ADAMTS BINDING IMMUNOGLOBULINS**
[54] **IMMUNOGLOBULINES LIANT LES ADAMTS**
[72] BUYSE, MARIE-ANGE, BE
[72] HERMANS, GUY, BE
[72] LINDEMANN, SVEN, DE
[72] GUEHRING, HANS, DE
[72] GUENTHER, RALF, DE
[72] KELLNER, ROLAND, DE
[71] MERCK PATENT GMBH, DE
[71] ABLYNX N.V., BE
[85] 2019-11-12
[86] 2018-06-04 (PCT/EP2018/064665)
[87] (WO2018/220234)
[30] EP (17174403.0) 2017-06-02

[21] **3,063,294**
[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01)**
[25] EN
[54] **AUTOMATED STORAGE AND RETRIEVAL SYSTEM**
[54] **SYSTEME DE STOCKAGE ET DE RECUPERATION AUTOMATISE**
[72] FAGERLAND, INGVAR, NO
[72] AUSTRHEIM, TROND, NO
[72] FJELDHEIM, IVAR, NO
[71] AUTOSTORE TECHNOLOGY AS, NO
[85] 2019-11-12
[86] 2018-05-15 (PCT/EP2018/062578)
[87] (WO2018/210851)
[30] NO (20170810) 2017-05-16
[30] NO (20180586) 2018-04-25

[21] **3,063,295**
[13] A1
[51] **Int.Cl. G01K 7/00 (2006.01) G01K 17/04 (2006.01) G01N 25/48 (2006.01)**
[25] EN
[54] **CALORIMETER**
[54] **CALORIMETRE**
[72] GOPFERT, BEAT, CH
[72] VON TSCHARNER, VINZENZ, CH
[71] CALBACT AG, CH
[85] 2019-11-12
[86] 2018-06-01 (PCT/EP2018/064411)
[87] (WO2018/220153)
[30] EP (17174322.2) 2017-06-02

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[13] A1
[51] **Int.Cl. F03D 7/02 (2006.01) G05F 1/70 (2006.01) H02J 3/16 (2006.01) H02J 3/18 (2006.01) H02J 3/24 (2006.01)**
[25] EN
[54] **WIND TURBINE COMPRISING A GEARLESS GENERATOR AND A GENERATOR FILTER**
[54] **EOLIENNE A GENERATEUR A ENTRAINEMENT DIRECT ET FILTRE DE GENERATEUR**
[72] BEEKMANN, ALFRED, DE
[72] GIENGIEL, WOJCIECH, DE
[72] SCHROBSDORFF, SIMON, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2019-11-12
[86] 2018-06-07 (PCT/EP2018/064966)
[87] (WO2018/228904)
[30] DE (10 2017 112 958.8) 2017-06-13

[21] **3,063,298**
[13] A1
[51] **Int.Cl. B29C 70/34 (2006.01) B29D 99/00 (2010.01) F03D 1/06 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A WIND TURBINE ROTOR BLADE**
[54] **PROCEDE POUR LA FABRICATION D'UNE PALE DE ROTOR POUR INSTALLATIONS EOLIENNES**
[72] STOPS, FLORIAN, DE
[72] BETHGE, TORSTEN, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2019-11-12
[86] 2018-06-08 (PCT/EP2018/065131)
[87] (WO2018/224638)
[30] DE (10 2017 112 721.6) 2017-06-09

[21] **3,063,299**
[13] A1
[51] **Int.Cl. B25F 5/00 (2006.01)**
[25] EN
[54] **ELECTROMECHANICAL GEAR SELECTION DEVICE COMPRISING AN ACTUATOR**
[54] **DISPOSITIF DE SELECTION DE VITESSE ELECTROMECANIQUE POURVU D'UN ACTIONNEUR**
[72] HANSLMEIER, XAVER, DE
[72] VAN TAACK-TRAKRANEN, JOHN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2019-11-12
[86] 2018-06-20 (PCT/EP2018/066433)
[87] (WO2019/002049)
[30] EP (17178600.7) 2017-06-29

[21] **3,063,300**
[13] A1
[51] **Int.Cl. C07D 241/18 (2006.01) A01N 43/40 (2006.01) A01N 43/60 (2006.01) C07D 213/65 (2006.01)**
[25] EN
[54] **PYRIDINE AND PYRAZINE COMPOUNDS**
[54] **COMPOSES DE PYRIDINE ET DE PYRAZINE**
[72] MUELLER, BERND, DE
[72] ESCRIBANO CUESTA, ANA, DE
[72] SEET, MICHAEL, DE
[72] WOLF, ANTJE, DE
[72] RIEDIGER, NADINE, DE
[72] FEHR, MARCUS, DE
[72] CAMBEIS, ERICA, DE
[72] LOHMANN, JAN KLAAS, DE
[72] GROTE, THOMAS, DE
[72] GRAMMENOS, WASSILIOS, DE
[72] WINTER, CHRISTIAN HARALD, DE
[72] TERTERYAN-SEISER, VIOLETA, DE
[71] BASF SE, DE
[85] 2019-11-12
[86] 2018-05-23 (PCT/EP2018/063453)
[87] (WO2018/219725)
[30] EP (17173487.4) 2017-05-30

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[13] A1
[51] **Int.Cl. A61B 90/90 (2016.01) A61B 90/98 (2016.01) A61B 90/00 (2016.01) A61B 17/00 (2006.01) A61B 17/122 (2006.01) A61B 17/29 (2006.01)**
[25] EN
[54] **SELF-IDENTIFYING SURGICAL CLAMP, FIDUCIAL ELEMENT FOR USE WITH SUCH A CLAMP AND KITS COMPRISING SUCH CLAMPS AND FIDUCIAL ELEMENTS**
[54] **PINCE CHIRURGICALE AUTO-IDENTIFIABLE, ELEMENT DE REFERENCE A UTILISER AVEC UNE PINCE DE CE TYPE ET TROUSSES COMPRENANT LESDITES PINCES ET ELEMENTS DE REFERENCE**
[72] ONATIVIA BRAVO, JON, ES
[72] PRESA ALONSO, JORGE, ES
[72] ESCUDERO MARTINEZ DE IBARRETA, ALVARO, ES
[72] URZAINQUI GLARIA, ALFONSO, ES
[72] BERTELSEN SIMONETTI, ALVARO, ES
[71] CYBER SURGERY, S.L., ES
[85] 2019-11-12
[86] 2017-05-12 (PCT/ES2017/070304)
[87] (WO2018/206829)

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[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01)**
[25] EN
[54] **AUTOMATED STORAGE AND RETRIEVAL SYSTEM**
[54] **SYSTEME DE STOCKAGE ET DE RECUPERATION AUTOMATISE**
[72] AUSTRHEIM, TROND, NO
[72] FJELDHEIM, IVAR, NO
[72] FAGERLAND, INGVAR, NO
[71] AUTOSTORE TECHNOLOGY AS, NO
[85] 2019-11-12
[86] 2018-05-16 (PCT/EP2018/062707)
[87] (WO2018/210923)
[30] NO (20170809) 2017-05-16

[21] **3,063,303**
[13] A1
[51] **Int.Cl. H04B 7/185 (2006.01)**
[25] EN
[54] **COMMUNICATION SYSTEM FOR AIRCRAFTS WITH ALTITUDE BASED ANTENNA TYPE SELECTION**
[54] **SYSTEME DE COMMUNICATION POUR AERONEFS AVEC SELECTION DE TYPE D'ANTENNE BASEE SUR L'ALTITUDE**
[72] KARLSSON, MATS, SE
[71] ICOMERA AB, SE
[85] 2019-11-12
[86] 2018-05-16 (PCT/EP2018/062727)
[87] (WO2018/210930)
[30] SE (1750613-0) 2017-05-17

[21] **3,063,304**
[13] A1
[51] **Int.Cl. C07D 257/06 (2006.01) A01N 43/713 (2006.01) A01N 43/653 (2006.01) A01N 43/82 (2006.01) C07D 249/14 (2006.01) C07D 271/08 (2006.01) C07D 271/113 (2006.01)**
[25] EN
[54] **BENZAMIDE COMPOUNDS AND THEIR USE AS HERBICIDES**
[54] **COMPOSES DE BENZAMIDE ET LEUR UTILISATION EN TANT QU'HERBICIDES**
[72] KORDES, MARKUS, DE
[72] ZIERKE, THOMAS, DE
[72] SEITZ, THOMAS, DE
[71] BASF SE, DE
[85] 2019-11-12
[86] 2018-05-29 (PCT/EP2018/064045)
[87] (WO2018/219935)
[30] EP (17173417.1) 2017-05-30

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01)**
[25] EN
[54] **ATOMISER FOR VAPOUR PROVISION DEVICE**
[54] **ATOMISEUR POUR DISPOSITIF DE FOURNITURE DE VAPEUR**
[72] BUCHBERGER, HELMUT, AT
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2019-11-12
[86] 2018-05-15 (PCT/GB2018/051303)
[87] (WO2018/211252)
[30] GB (1707805.6) 2017-05-16

[21] **3,063,306**
[13] A1
[51] **Int.Cl. C07D 257/06 (2006.01) A01N 43/713 (2006.01) A01N 43/653 (2006.01) A01N 43/82 (2006.01) C07D 249/14 (2006.01) C07D 271/08 (2006.01) C07D 271/113 (2006.01)**
[25] EN
[54] **BENZAMIDE COMPOUNDS AND THEIR USE AS HERBICIDES II**
[54] **COMPOSES DE BENZAMIDE ET LEUR UTILISATION EN TANT QU'HERBICIDES II**
[72] KORDES, MARKUS, DE
[72] ZIERKE, THOMAS, DE
[72] SEITZ, THOMAS, DE
[72] NIELSON, RYAN LOUIS, DE
[71] BASF SE, DE
[85] 2019-11-12
[86] 2018-05-29 (PCT/EP2018/064047)
[87] (WO2018/219936)
[30] EP (17173421.3) 2017-05-30

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[72] BJURSTROM, JOEL, SE
[71] ICOMERA AB, SE
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[54] **MACHINE DE FORAGE DE FOND DE TROU ET PROCEDE DE FORAGE DE ROCHE**
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[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **ARTICLE ABSORBANT A CANAUX ET SON PROCEDE DE PRODUCTION**
[72] SMET, STEVEN, BE
[72] VAN INGELGEM, WERNER, BE
[72] DERYCKE, TOM, BE
[72] VERDUYN, DRIES, BE
[71] DRYLOCK TECHNOLOGIES NV, BE
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[54] **SYSTEM, DEVICE AND METHOD FOR PROVIDING PASSENGER OR USER INFORMATION**
[54] **SYSTEME, DISPOSITIF ET PROCEDE PERMETTANT DE FOURNIR DES INFORMATIONS DE PASSAGER OU D'UTILISATEUR**
[72] O'SULLIVAN, KEVIN, GB
[72] PETERS, JIM, US
[71] SITA INFORMATION NETWORKING COMPUTING UK LIMITED, GB
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[54] **COMMUNICATION SYSTEM FOR AIRCRAFTS WITH ALTITUDE BASED FREQUENCY BAND SELECTION**
[54] **SYSTEME DE COMMUNICATION POUR AERONEFS AVEC SELECTION DE BANDE DE FREQUENCES BASEE SUR L'ALTITUDE**
[72] KARLSSON, MATS, SE
[72] EKLUND, PETER, SE
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[54] **DRIVING WHEEL AND DRIVING SYSTEM FOR A TRACKED VEHICLE**
[54] **ROUE MOTRICE ET SYSTEME D'ENTRAINEMENT POUR VEHICULE A CHENILLES**
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[72] FRANZ, MARTIN, IT
[71] PRINOTH S.P.A., IT
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[54] **ENSEMBLE ANODE EXPANSIBLE**
[72] GLASS, GARETH, GB
[72] GLASS, STEPHEN, ZA
[72] ROBERTS, ADRIAN, GB
[72] DAVISON, NIGEL, GB
[71] E-CHEM TECHNOLOGIES LTD., GB
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[54] **A WASTEWATER TREATMENT DEVICE**
[54] **DISPOSITIF DE TRAITEMENT DES EAUX USEES**
[72] MURPHY, GLENN, US
[72] ANASTASIO, ANDREW SCOTT, US
[71] HYDRO INTERNATIONAL LTD., GB
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[54] **METHOD AND DEVICE FOR ANALYZING A FLUIDIC SAMPLE WITH DISPERSED PARTICLES**
[54] **PROCEDE ET DISPOSITIF D'ANALYSE D'UN ECHANTILLON FLUIDIQUE AYANT DES PARTICULES DISPERSEES**
[72] HILL, CHRISTIAN, AT
[71] MEDIZINISCHE UNIVERSITAT GRAZ, AT
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[54] **CRISTAL NON LINEAIRE**
[72] MAKER, GARETH THOMAS, GB
[72] MALCOLM, GRAEME PETER ALEXANDER, GB
[71] M SQUARED LASERS LIMITED, GB
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[54] **OXYGENATION ELECTROCHIMIQUE D'HYDROCARBURES**
[72] NEUMANN, RONNY, IL
[72] BUGNOLA, MARCO, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
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[54] **SURGICAL ROBOT FOR ORTHOPAEDIC INTERVENTIONS**
[54] **ROBOT CHIRURGICAL POUR LES INTERVENTIONS ORTHOPEDIQUES**
[72] PRESA ALONSO, JORGE, ES
[72] ONATIVIA BRAVO, JON, ES
[72] ESCUDERO MARTINEZ DE IBARRETA, ALVARO, ES
[72] URZAINQUI GLARIA, ALFONSO, ES
[72] SANCHEZ TAPIA, EMILIO, ES
[71] CYBER SURGERY, S.L., ES
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[54] **IMAGE ACQUISITION DEVICE AND APPARATUS FOR MAKING A BEVERAGE, COMPRISING SAID IMAGE ACQUISITION DEVICE**
[54] **DISPOSITIF D'ACQUISITION D'IMAGE ET APPAREIL DESTINE A LA FABRICATION D'UNE BOISSON, COMPRENANT LEDIT DISPOSITIF D'ACQUISITION D'IMAGE**
[72] ACCURSI, GIOVANNI, IT
[72] DIAMANTI, MAURIZIO, IT
[71] CAFFITALY SYSTEM S.P.A., IT
[85] 2019-11-12
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[54] **A METHOD FOR PRODUCING REFOLDED RECOMBINANT HUMANIZED RANIBIZUMAB**
[54] **PROCEDE DE PRODUCTION DE RANIBIZUMAB HUMANISE RECOMBINANT REPLIE**
[72] BHAMBURE, RAHUL SHARAD, IN
[72] GANI, KAYANAT MAHAMMADTAKI, IN
[71] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN
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[54] **FORMULATIONS CONTENANT UN MEDICAMENT A SOLUBILITE AMELIOREE**
[72] HURREY, MICHAEL LAIRD, US
[72] OSTOVIC, DRAZEN, US
[72] NOYMER, PETER, US
[71] STEADYMED, LTD., IL
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[54] **METHOD FOR PRODUCING HEXAGONAL PLATE-SHAPED ZINC OXIDE**
[54] **METHODE DE PRODUCTION D'UN OXYDE DE ZINC EN FORME DE PLAQUE HEXAGONALE**
[72] YOSHIDA, RYOHEI, JP
[72] HASHIMOTO, MITSUO, JP
[72] MURAI, KAZUTAKA, JP
[71] SAKAI CHEMICAL INDUSTRY CO., LTD., JP
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[54] **HIGH CONCENTRATION PROTEIN FORMULATIONS WITH REDUCED VISCOSITY**
[54] **FORMULATIONS DE PROTEINES A HAUTE CONCENTRATION AYANT UNE VISCOSITE REDUITE**
[72] SHENOY, BHAMI, IN
[71] BHAMI'S RESEARCH LABORATORY, PVT. LTD., IN
[85] 2019-10-28
[86] 2017-06-20 (PCT/IN2017/050250)
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[54] **LIEURS HYDROPHILES ET CONJUGUES DE CEUX-CI**
[72] SATOMAA, TERO, FI
[72] HELIN, JARI, FI
[72] SAARINEN, JUHANI, FI
[71] GLYKOS FINLAND OY, FI
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[54] **SYSTEM AND METHOD FOR MAPPING A RAILWAY TRACK**
[54] **SYSTEME ET PROCEDE DE CARTOGRAPHIE D'UNE VOIE FERREE**
[72] MOTH, LUKE WILLIAM, NL
[72] KODDE, MARTINUS PIETER, NL
[72] FLORISSON, SANDER CHRISTIAAN, NL
[72] BERKERS, ADRIANUS FRANCISCUS WILHELMUS, NL
[71] FUGRO TECHNOLOGY B.V., NL
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[54] **MEMBRANE ELECTROLYTIQUE A POLYMERE, ENSEMBLE ELECTRODES A MEMBRANE, ET PILE A COMBUSTIBLE A POLYMERE SOLIDE**
[72] TAGO, TAKAHIRO, JP
[72] MIYAZAKI, KUON, JP
[71] ASAHI KASEI KABUSHIKI KAISHA, JP
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[54] **SUPPORTS DE REMPLISSAGE-FINITION POUR CONTENANTS DE MEDICAMENT**
[72] DECHELETTE, ALEXIS MARIE ADOLPHE, US
[72] DEVITT, SHAUN R., US
[72] JETER, ROBERT G JR., US
[72] LAURENCE, LAWTON, US
[72] DESTEFANO, MARK A., US
[71] UNL HOLDINGS LLC, US
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[54] **COMPOSES CONJUGUES ASYMETRIQUES**
[72] JACKSON, PAUL JOSEPH MARK, GB
[72] THURSTON, DAVID EDWIN, GB
[72] RAHMAN, KHONDAKER MIRAZUR, GB
[71] FEMTOGENIX LIMITED, GB
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[54] **DISTRIBUTED FIBRE OPTIC SENSING**
[54] **DETECTION PAR FIBRE OPTIQUE REPARTIE**
[72] ESPREY, CHRIS, GB
[71] OPTASENSE HOLDINGS LIMITED, GB
[85] 2019-11-12
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[54] **DISPLAY CONTROL DEVICE AND DISPLAY CONTROL METHOD**
[54] **DISPOSITIF DE COMMANDE D'AFFICHAGE ET PROCEDE DE COMMANDE D'AFFICHAGE**
[72] MINAGAWA, MASANORI, JP
[72] MORINAGA, JUN, JP
[72] OHYAMA, YASUHIRO, JP
[72] DING, QI, JP
[71] KOMATSU LTD., JP
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[54] **NANOFIBRE DE CELLULOSE GREFFEE DE POLYACIDE LACTIQUE ET PROCEDE DE PRODUCTION CORRESPONDANT**
[72] KADOTA, JOJI, JP
[72] AGARI, YASUYUKI, JP
[72] HIRANO, HIROSHI, JP
[72] OKADA, AKINORI, JP
[72] IMAI, TAKAAKI, JP
[71] OSAKA RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
[71] DAIO PAPER CORPORATION, JP
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[54] **BEVERAGE DISPENSING ASSEMBLY AND BEVERAGE CONTAINER**
[54] **ENSEMBLE DISTRIBUTEUR DE BOISSONS ET CONTENANT POUR BOISSON**
[72] PAAUWE, ARIE MAARTEN, NL
[72] WITTE, PIETER GERARD, NL
[71] HEINEKEN SUPPLY CHAIN B.V., NL
[85] 2019-11-12
[86] 2018-05-18 (PCT/NL2018/050334)
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[54] **MODIFIED CLASS A GPCR BINDING COMPOUND**
[54] **MODIFICATEUR DE COMPOSE DE LIAISON DE GPCR DE CLASSE A**
[72] HORI, TETSUYA, JP
[72] YOKOYAMA, SHIGEYUKI, JP
[71] RIKEN, JP
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[54] **HOT-FORMING MATERIAL, COMPONENT AND USE**
[54] **MATERIAU DE FORMAGE A CHAUD, PIECE ET UTILISATION CORRESPONDANTE**
[72] BECKER, JENS-ULRIK, DE
[72] MYSLOWICKI, STEFAN, DE
[71] THYSSENKRUPP STEEL EUROPE AG, DE
[71] THYSSENKRUPP AG, DE
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[25] EN
[54] **A COATED METALLIC SUBSTRATE AND FABRICATION METHOD**
[54] **SUBSTRAT METALLIQUE REVETU ET PROCEDE DE FABRICATION**
[72] GONIAKOWSKI, JACEK, FR
[72] LE, THI HA LINH, FR
[72] NOGUERA, CLAUDINE, FR
[72] JUPILLE, JACQUES, FR
[72] LAZZARI, REMI, FR
[72] MATAIGNE, JEAN-MICHEL, FR
[72] KOLTSOV, ALEXEY, FR
[72] CAVALLOTTI, REMI, FR
[72] CHALEIX, DANIEL, FR
[72] GAOUYAT, LUCIE, BE
[71] ARCELORMITTAL, LU
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] SORBONNE UNIVERSITE, FR
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[54] **PARTICULES COMPRENANT UN DERIVE DE BILIRUBINE ET UN METAL**
[72] LEE, DONG YUN, KR
[72] LEE, YONG HYUN, KR
[72] YOO, DO HYUN, KR
[72] JUNG, WON SIK, KR
[71] BLIX CO., LTD., KR
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[54] **COMPOSITION ANTI-INFLAMMATOIRE**
[72] KAWASAKI, KENGO, JP
[72] HANAFUSA, CHINATSU, JP
[72] AOYAGI, MORIHIRO, JP
[72] TAOKA, KOICHI, JP
[71] HOUSE WELLNESS FOODS CORPORATION, JP
[71] HOUSE FOODS GROUP INC., JP
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[51] **Int.Cl. C07J 43/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF 3B-HYDROXY-17-(1H-BENZIMIDAZOL-1-YL)ANDROSTA-5,16-DIENE**
[54] **PROCEDE DE PREPARATION DE 3B-HYDROXY-17-(1H-BENZIMIDAZOL-1-YL) ANDROSTA -5,16-DIENE**
[72] BARBIERI, FRANCESCO, IT
[72] LENNA, ROBERTO, IT
[71] INDUSTRIALE CHIMICA S.R.L., IT
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[51] **Int.Cl. B67D 1/04 (2006.01) B67D 1/08 (2006.01)**
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[54] **BEVERAGE DISPENSING ASSEMBLY AND BEVERAGE CONTAINER**
[54] **ENSEMBLE DISTRIBUTEUR DE BOISSONS ET CONTENANT POUR BOISSON**
[72] PAAUWE, ARIE MAARTEN, NL
[72] WITTE, PIETER GERARD, NL
[71] HEINEKEN SUPPLY CHAIN B.V., NL
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[25] EN
[54] **PRODUCTION AND PURIFICATION METHODS FOR EFINACONAZOLE**
[54] **PROCEDES DE PRODUCTION ET DE PURIFICATION D'EFINACONAZOLE**
[72] WATANABE, MASAHITO, JP
[72] KANAYAMA, TAKESHI, JP
[71] KAKEN PHARMACEUTICAL CO., LTD., JP
[85] 2019-11-12
[86] 2018-05-18 (PCT/JP2018/019324)
[87] (WO2018/212333)
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[25] EN
[54] **A POLYMERIC SORBENT, PREPARATION AND USE THEREOF**
[54] **SORBANT POLYMERE, PREPARATION ET UTILISATION ASSOCIEES**
[72] BESSONOV, IVAN VIKTOROVICH, RU
[72] MOROZOV, ALEXEY SERGEEVICH, RU
[72] KOPITSYNA, MARIA NIKOLAEVNA, RU
[71] JSC PROSPECTIVE MEDICAL TECHNOLOGIES, RU
[85] 2019-11-12
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[51] **Int.Cl. B64D 11/06 (2006.01)**
[25] EN
[54] **SEAT CUSHION FOR AIRLINE PASSENGERS**
[54] **COUSSIN DE SIEGE POUR PASSAGERS AERIENS**
[72] WILSON, SUSAN L., US
[72] LANDI, CURTIS L., US
[71] SUPRACOR, INC., US
[85] 2019-11-12
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[51] **Int.Cl. H04W 72/04 (2009.01)**
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[54] **CHANNEL LOCATION INDICATION METHOD, AND RELATED PRODUCT**
[54] **PROCEDE D'INDICATION D'EMPLACEMENT DE CANAL, ET PRODUIT ASSOCIE**
[72] TANG, HAI, CN
[72] XU, HUA, CA
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-10-24
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[25] EN
[54] **SYSTEM AND METHOD FOR USING A VOC FREE LOW RADIANT FLUX LED UV CURABLE COMPOSITION**
[54] **SYSTEME ET PROCEDE D'UTILISATION D'UNE COMPOSITION EXEMPTE DE COV DURCISSABLE PAR LE RAYONNEMENT UV D'UNE DEL A FAIBLE FLUX DE RAYONNEMENT**
[72] SPRINGER, MATTHEW KENT, US
[71] MSI COATINGS INC., US
[85] 2019-11-12
[86] 2017-05-12 (PCT/US2017/032430)
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[30] US (62/335,823) 2016-05-13
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[51] **Int.Cl. F03D 5/04 (2006.01) F03D 7/00 (2006.01)**
[25] EN
[54] **WIND ENERGY CONVERSION MODULE**
[54] **MODULE DE CONVERSION DE L'ENERGIE EOLIENNE**
[72] YAKIMCHUK, VYACHESLAV ANTONOVICH, RU
[71] SILA PRIRODI LIMITED LIABILITY COMPANY (SILA PRIRODI LLC), RU
[85] 2019-11-12
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[51] **Int.Cl. G06K 19/07 (2006.01)**
[25] EN
[54] **ENERGY HARVESTING RFID CIRCUIT, ENERGY HARVESTING RFID TAG, AND ASSOCIATED METHODS**
[54] **CIRCUIT RFID DE COLLECTE D'ENERGIE, ETIQUETTE RFID DE COLLECTE D'ENERGIE ET PROCEDES ASSOCIES**
[72] LEKTOMILLER, JOSEPH M., US
[71] LENLOK HOLDINGS, LLC, US
[85] 2019-11-12
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[51] **Int.Cl. H02M 3/335 (2006.01) B23K 9/00 (2006.01) H02M 5/458 (2006.01) H02M 7/797 (2006.01)**
[25] EN
[54] **IMPROVED POWER SUPPLY HAVING FOUR QUADRANT CONVERTER AND TECHNIQUES FOR OPERATION**
[54] **ALIMENTATION ELECTRIQUE PERFECTIONNEE COMPORTANT UN CONVERTISSEUR A QUATRE QUADRANTS ET TECHNIQUES DE FONCTIONNEMENT**
[72] MNICH, ANDRZEJ, SE
[71] ESAB AB, SE
[85] 2019-11-12
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[51] **Int.Cl. F03D 5/04 (2006.01) F03D 7/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONVERTING WIND ENERGY**
[54] **PROCEDE ET SYSTEME DE CONVERSION D'ENERGIE DU VENT**
[72] YAKIMCHUK, VYACHESLAV ANTONOVICH, RU
[71] SILA PRIRODI LIMITED LIABILITY COMPANY (SILA PRIRODI LLC), RU
[85] 2019-11-12
[86] 2018-05-22 (PCT/RU2018/000320)
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[51] **Int.Cl. A61G 5/10 (2006.01) A61G 5/00 (2006.01)**
[25] EN
[54] **NONMETALLIC WHEELCHAIR**
[54] **FAUTEUIL ROULANT NON-METALLIQUE**
[72] DAHBALI, ASMAHAN, US
[71] JETWEELS INC., US
[85] 2019-11-12
[86] 2018-01-08 (PCT/US2018/012757)
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[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/12 (2006.01) B23K 9/133 (2006.01) B23K 31/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING RESISTANCE IN A WIRE FEED DEVICE**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE RESISTANCE AU SEIN D'UNE TETE DE SOUDAGE**
[72] SVENDSEN, BENNY, SE
[72] ERIKSSON, OSCAR, SE
[71] ESAB AB, SE
[85] 2019-11-12
[86] 2018-06-14 (PCT/IB2018/054394)
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[51] **Int.Cl. H02M 3/335 (2006.01) B23K 1/00 (2006.01) B23K 9/10 (2006.01) F02P 3/08 (2006.01) H02M 11/00 (2006.01)**
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[54] **IGNITION DEVICE FOR GTAW WELDING EQUIPMENT**
[54] **DISPOSITIF D'ALLUMAGE POUR EQUIPEMENT DE SOUDAGE GTAW**
[72] MNICH, ANDRZEJ, SE
[71] ESAB AB, SE
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[54] **SERVICEABLE FILTER GLADHAND ASSEMBLY**
[54] **ENSEMBLE TETE D'ACCOUPLEMENT DE FILTRE FACILE D'ENTRETIEN**
[72] PAPAFAGOS, JAMES C., US
[72] BADHORN, EDWARD H., US
[71] TECTRAN MFG. INC., US
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[86] 2018-05-10 (PCT/US2018/032057)
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[54] **MESOTHELIN BINDING PROTEINS**
[54] **PROTEINES DE LIAISON A LA MESOTHELINE**
[72] WESCHE, HOLGER, US
[72] LEMON, BRYAN D., US
[72] AUSTIN, RICHARD J., US
[72] DUBRIDGE, ROBERT B., US
[71] HARPOON THERAPEUTICS, INC., US
[85] 2019-11-12
[86] 2018-05-11 (PCT/US2018/032418)
[87] (WO2018/209298)
[30] US (62/505,719) 2017-05-12
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[51] **Int.Cl. B64C 3/26 (2006.01) B64C 11/18 (2006.01) B64C 27/28 (2006.01) B64D 35/06 (2006.01)**
[25] EN
[54] **COMBINED FAN AND MOTOR**
[54] **VENTILATEUR ET MOTEUR COMBINES**
[72] LONG, GEOFFREY, US
[71] CORA AERO LLC, US
[85] 2019-11-12
[86] 2018-03-26 (PCT/US2018/024371)
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[30] US (15/599,986) 2017-05-19

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 16/18 (2006.01)**
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[54] **MSLN TARGETING TRISPECIFIC PROTEINS AND METHODS OF USE**
[54] **PROTEINES TRISPECIFIQUES CIBLANT LA MSLN ET PROCEDES D'UTILISATION**
[72] WESCHE, HOLGER, US
[72] LEMON, BRYAN D., US
[72] AUSTIN, RICHARD J., US
[72] DUBRIDGE, ROBERT B., US
[71] HARPOON THERAPEUTICS, INC., US
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[30] US (62/505,747) 2017-05-12
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[51] **Int.Cl. C12Q 1/6806 (2018.01) C12Q 1/6837 (2018.01)**
[25] EN
[54] **METHOD FOR ENRICHING TEMPLATE NUCLEIC ACIDS**
[54] **PROCEDE POUR L'ENRICHISSEMENT D'ACIDES NUCLEIQUES MATRICIELS**
[72] GEIPEL, ANDREAS, DE
[72] KORFHAGE, CHRISTIAN, DE
[72] REINECKE, FRANK, DE
[72] JAGEMANN, NADINE, DE
[71] QIAGEN GMBH, DE
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[51] **Int.Cl. E02F 9/26 (2006.01) E02F 3/84 (2006.01) E02F 9/20 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR WORK VEHICLE, METHOD, AND WORK VEHICLE**
[54] **SYSTEME ET PROCEDE DE COMMANDE POUR VEHICULE DE CHANTIER ET VEHICULE DE CHANTIER**
[72] HASHIMOTO, KAZUHIRO, JP
[71] KOMATSU LTD., JP
[85] 2019-11-12
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[87] (WO2019/044785)
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[51] **Int.Cl. A01K 67/027 (2006.01)**
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[54] **NSG MICE LACKING MHC CLASS I AND CLASS II**
[54] **SOURIS NSG DEPOURVUES DE MHC DE CLASSE I ET DE CLASSE II**
[72] BREHM, MICHAEL A., US
[72] WILES, MICHAEL V., US
[72] GREINER, DALE L., US
[72] SHULTZ, LEONARD D., US
[71] THE JACKSON LABORATORY, US
[71] UNIVERSITY OF MASSACHUSETTS, US
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[86] 2018-05-14 (PCT/US2018/032548)
[87] (WO2018/209344)
[30] US (62/505,264) 2017-05-12
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[51] **Int.Cl. A61K 8/64 (2006.01) A61K 8/02 (2006.01) A61K 8/34 (2006.01) A61K 8/36 (2006.01) A61K 8/44 (2006.01) A61K 8/73 (2006.01) A61K 9/06 (2006.01) A61K 47/10 (2017.01) A61K 47/12 (2006.01) A61K 47/18 (2017.01) A61K 47/42 (2017.01) A61Q 1/00 (2006.01) A61Q 19/00 (2006.01)**
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[54] **STICK-SHAPED BASE MATERIAL HAVING HIGH WATER CONTENT**
[54] **MATERIAU DE BASE EN FORME DE BATONNET ET A TENEUR ELEVEE EN EAU**
[72] IMOTO, TAKAYUKI, JP
[71] NISSAN CHEMICAL CORPORATION, JP
[85] 2019-11-12
[86] 2018-05-14 (PCT/JP2018/018570)
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[51] **Int.Cl. C08L 1/12 (2006.01) A42B 3/22 (2006.01) A42B 3/24 (2006.01) B32B 23/20 (2006.01)**
[25] EN
[54] **MULTI-LAYER ANTI-FOG COMPOSITIONS AND PROCESSES FOR MAKING SAME**
[54] **COMPOSITIONS ANTIBROUILLARD MULTICOUCHE ET PROCESSUS POUR LEUR FABRICATION**
[72] PARKER, KEVIN, GB
[72] MARSHALL, JOANNA, GB
[71] CELANESE INTERNATIONAL CORPORATION, US
[85] 2019-11-12
[86] 2018-05-15 (PCT/US2018/032667)
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[51] **Int.Cl. A61F 13/15 (2006.01) B29C 65/00 (2006.01) B29C 65/08 (2006.01) B29C 65/48 (2006.01) B65H 39/14 (2006.01)**
[25] EN
[54] **ELASTIC NON-WOVEN LAMINATION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE STRATIFICATION A PARTIR D'UN NON TISSE ELASTIQUE**
[72] MIDDLESWORTH, JEFFREY A., US
[71] BERRY GLOBAL, INC., US
[85] 2019-11-12
[86] 2018-05-15 (PCT/US2018/032714)
[87] (WO2018/213276)
[30] US (62/507,278) 2017-05-17

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[25] EN
[54] **IMPLANTABLE GLUCOSE SENSORS HAVING A BIOSTABLE SURFACE**
[54] **CAPTEURS DE GLUCOSE IMPLANTABLES A SURFACE BIOSTABLE**
[72] STEEDMAN, MARK A., CA
[72] HO, JEANNETTE, CA
[72] SWENOR, JAMIE ROBERT, CA
[72] MULLICK, SANJOY, CA
[71] EVONIK CANADA INC., CA
[85] 2019-11-04
[86] 2017-05-10 (PCT/IB2017/000636)
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[51] **Int.Cl. G01N 33/558 (2006.01) B01L 3/00 (2006.01)**
[25] EN
[54] **ADAPTABLE DETECTION APPARATUS**
[54] **APPAREIL DE DETECTION ADAPTABLE**
[72] LETOURNEAU, NICOLAS, US
[72] KHALIFA, ALY, US
[72] SANDT, ADAM, US
[72] JOSEPH, JOSHUA STEVEN, US
[71] UNDERCOVER COLORS, INC., US
[85] 2019-11-12
[86] 2018-05-11 (PCT/US2018/032462)
[87] (WO2018/209321)
[30] US (62/505,576) 2017-05-12
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[51] **Int.Cl. A61N 1/00 (2006.01) A61B 5/04 (2006.01) A61B 5/06 (2006.01) A61N 2/00 (2006.01) A61N 2/06 (2006.01) A61N 2/08 (2006.01) A61N 5/00 (2006.01)**
[25] EN
[54] **RESTRUCTURING NEURAL PATHWAYS IN THE BRAIN WITH A COMBINATION OF TRANSCRANIAL THERAPIES**
[54] **RESTRUCTURATION DE VOIES NEURALES DANS LE CERVEAU AVEC UNE COMBINAISON DE THERAPIES TRANSCRANIENNES**
[72] JOHNSON, DOUGLAS, US
[72] KANARSKY, MAX, US
[71] MULTI RADIANCE MEDICAL, US
[85] 2019-11-12
[86] 2018-05-18 (PCT/US2018/033415)
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[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS OF COMMISSURE FORMATION FOR PROSTHETIC HEART VALVE**
[54] **DISPOSITIFS ET PROCEDES DE FORMATION DE COMMISSURE POUR VALVE CARDIAQUE PROTHETIQUE**
[72] GUROVICH, NIKOLAY, US
[72] BUKIN, MICHAEL, US
[72] TSYPENYUK, ALEXEY M., US
[72] SHERMAN, ELENA, US
[72] KERSH, DIKLA, US
[72] MANASH, BOAZ, US
[72] TAYEB, LIRON, US
[72] YOHANAN, ZIV, US
[72] BARASH, ALEXANDER, US
[72] NEUMANN, YAIR A., US
[72] SAAR, TOMER, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[30] US (62/506,430) 2017-05-15
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[54] **COMPOSITION FOR ENHANCED ABSORPTION OF SUPPLEMENTS**
[54] **COMPOSITION POUR UNE MEILLEURE ABSORPTION DE COMPLEMENTS**
[72] COHEN, BRANDIN BESORE, US
[72] FULSTONE, HAYDEN ANDREW, US
[71] THE LIV GROUP INC., US
[85] 2019-11-12
[86] 2018-05-11 (PCT/US2018/032472)
[87] (WO2018/209327)
[30] US (62/505,800) 2017-05-12
[30] US (62/607,844) 2017-12-19
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[51] **Int.Cl. A61K 9/127 (2006.01)**
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[54] **METHODS FOR THE PREPARATION OF LIPOSOMES COMPRISING DRUGS**
[54] **PROCEDES DE PREPARATION DE LIPOSOMES COMPRENANT DES MEDICAMENTS**
[72] JAVERI, INDU, US
[72] NELLAIAPPAN, KALIAPPANDADAR, US
[71] CURINANORX, LLC, US
[85] 2019-11-12
[86] 2018-05-14 (PCT/US2018/032541)
[87] (WO2018/209342)
[30] US (15/593,586) 2017-05-12

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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/24 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **SECURE ENABLING AND DISABLING POINTS OF ENTRY ON A DEVICE REMOTELY OR LOCALLY**
[54] **ACTIVATION ET DESACTIVATION SECURISEES DE POINTS D'ENTREE SUR UN DISPOSITIF, A DISTANCE OU LOCALEMENT**
[72] NEGAHDAR, ALI, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2019-11-12
[86] 2018-05-31 (PCT/US2018/035266)
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[30] US (62/514,339) 2017-06-02
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[54] **VARIABLE FORCE EXOSKELETON HIP JOINT**
[54] **ARTICULATION DE HANCHE D'EXOSQUELETTE A FORCE VARIABLE**
[72] BARNES, GAVIN A., US
[71] LOCKHEED MARTIN CORPORATION, US
[85] 2019-11-12
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[25] EN
[54] **UNIVERSAL EARLY CANCER DIAGNOSTICS**
[54] **DIAGNOSTIC DE CANCER PRECOCE UNIVERSEL**
[72] MEISSNER, ALEXANDER, US
[72] SMITH, ZACHARY D., US
[72] MICHOR, FRANZISKA, US
[72] SHI, JIANTAO, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2019-11-12
[86] 2018-05-14 (PCT/US2018/032612)
[87] (WO2018/209361)
[30] US (62/511,648) 2017-05-26
[30] US (62/560,660) 2017-09-19
[30] US (62/505,647) 2017-05-12

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[51] **Int.Cl. B62B 3/10 (2006.01) B62B 5/06 (2006.01)**
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[54] **CAR SEAT CARRIER**
[54] **BASE DE SIEGE AUTO**
[72] CHURILLA, NICOLE LORRAINE, US
[72] CHURILLA, JOHN ERIC, US
[71] ILLA DESIGNS, LLC, US
[85] 2019-11-12
[86] 2018-05-16 (PCT/US2018/032991)
[87] (WO2018/213463)
[30] US (62/507,402) 2017-05-17

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[13] A1
[51] **Int.Cl. A01N 43/56 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **PYRAZOLE AMINE REACTIVE CRYSTALLIZATION**
[54] **CRISTALLISATION REACTIVE DE PYRAZOLE AMINE**
[72] CHAKRABORTY, DEBOLEENA, US
[72] LI, XIAOYONG, US
[72] TOYZAN, TODD WILLIAM, US
[72] LENG, RON B., US
[71] DOW AGROSCIENCES LLC, US
[85] 2019-11-12
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[30] US (62/511,391) 2017-05-26

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[51] **Int.Cl. F25J 1/02 (2006.01) F25J 3/04 (2006.01) F25J 5/00 (2006.01)**
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[54] **APPARATUS AND PROCESS FOR LIQUEFYING GASES**
[54] **APPAREIL ET PROCEDE DE LIQUEFACTION DE GAZ**
[72] EBERT, TERRENCE J., US
[71] EBERT, TERRENCE J., US
[85] 2019-11-12
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[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **A SCALABLE CONFIGURABLE UNIVERSAL FULL SPECTRUM CYBER PROCESS THAT UTILIZES MEASURE POINTS FROM SENSOR OBSERVATION-DERIVED REPRESENTATIONS**
[54] **CYBER-PROCESSUS A SPECTRE COMPLET, UNIVERSEL, CONFIGURABLE ET EVOLUTIF QUI UTILISE DES POINTS DE MESURE PROVENANT DE REPRESENTATIONS DERIVEES D'OBSERVATIONS DE CAPTEURS**
[72] ARONSON, JEFFRY DAVID, US
[71] ARONSON, JEFFRY DAVID, US
[85] 2019-11-12
[86] 2018-05-16 (PCT/US2018/033049)
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[30] US (62/507,128) 2017-05-16

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[51] **Int.Cl. A01H 1/06 (2006.01) C12N 15/29 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR GENERATING WEAK ALLELES IN PLANTS**
[54] **COMPOSITIONS ET METHODES DE GENERATION D'ALLELES FAIBLES DANS DES PLANTES**
[72] LIPPMAN, ZACHARY, US
[72] RODRIGUEZ-LEAL, DANIEL, US
[72] JACKSON, DAVID, US
[71] COLD SPRING HARBOR LABORATORY, US
[85] 2019-11-12
[86] 2018-05-17 (PCT/US2018/033143)
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[30] US (62/507,317) 2017-05-17

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[25] EN
[54] **SELF-ACTUATING ARTICLES**
[54] **ARTICLES A AUTO-ACTIONNEMENT**
[72] TRAVERSO, CARLO GIOVANNI, US
[72] ABRAMSON, ALEX G., US
[72] CAFFAREL SALVADOR, ESTER, US
[72] ROXHED, NICLAS, SE
[72] KHANG, MINSOO, US
[72] BENSEL, TAYLOR, US
[72] LANGER, ROBERT S., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2019-11-12
[86] 2018-05-17 (PCT/US2018/033187)
[87] (WO2018/213579)
[30] US (62/507,647) 2017-05-17
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[25] EN
[54] **LIVE SALMONELLA TYPHI VECTORS ENGINEERED TO EXPRESS HETEROLOGOUS OUTER MEMBRANE PROTEIN ANTIGENS AND METHODS OF USE THEREOF**
[54] **VECTEURS DE SALMONELLA TYPHI VIVANTS MODIFIES POUR EXPRIMER DES ANTIGENES DE PROTEINES DE MEMBRANE EXTERNE HETEROLOGUES ET LEURS PROCEDES D'UTILISATION**
[72] GALEN, JAMES E., US
[72] PHAM, THANH, US
[72] BRIDGE, DACIE R., US
[72] WANG, JIN YUAN, US
[72] CHEN, WANGXUE C., CA
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2019-11-12
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[30] US (62/506,078) 2017-05-15

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/19 (2006.01) A61K 31/337 (2006.01) A61P 1/18 (2006.01) A61P 35/00 (2006.01)**
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[54] **TREATMENT OF EPITHELIAL CYSTS BY INTRACYSTIC INJECTION OF ANTINEOPLASTIC PARTICLES**
[54] **TRAITEMENT DE KYSTES EPITHELIAUX PAR INJECTION INTRAKYSTIQUE DE PARTICULES ANTINEOPLASIQUES**
[72] DIZEREGA, GERE, US
[72] BALTEZOR, MICHAEL, US
[72] DECEDUE, CHARLES, US
[72] CAMPBELL, SAM, US
[72] MCCLOREY, MATTHEW, US
[72] IACOBUCCI, MARC, US
[72] MAULHARDT, HOLLY, US
[71] CRITITECH, INC., US
[85] 2019-11-12
[86] 2018-06-08 (PCT/US2018/036587)
[87] (WO2018/227037)
[30] US (62/517,711) 2017-06-09

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[13] A1
[51] **Int.Cl. B60R 21/02 (2006.01)**
[25] EN
[54] **SYSTEMS FOR RIDE VEHICLE RESTRAINT**
[54] **SYSTEMES DE MAINTIEN POUR VEHICULE DE MANEGE**
[72] KUBIAK, GERALD CHRISTOPHER, US
[72] COATNEY, JAMES JEFFREY, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2019-11-12
[86] 2018-05-21 (PCT/US2018/033748)
[87] (WO2018/217670)
[30] US (62/510,850) 2017-05-25
[30] US (15/812,910) 2017-11-14

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[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01)**
[25] EN
[54] **MICRO-FABRICATED MEDICAL DEVICE HAVING A NON-HELICAL CUT ARRANGEMENT**
[54] **DISPOSITIF MEDICAL MICRO-FABRIQUE PRESENTANT UNE CONFIGURATION DE COUPE NON HELICOIDALE**
[72] DAVIS, CLARK C., US
[72] LIPPERT, JOHN A., US
[71] SCIENTIA VASCULAR, LLC, US
[85] 2019-11-12
[86] 2018-05-25 (PCT/US2018/034756)
[87] (WO2018/218216)
[30] US (62/511,605) 2017-05-26
[30] US (62/595,425) 2017-12-06

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[13] A1
[51] **Int.Cl. A61M 31/00 (2006.01)**
[25] EN
[54] **TISSUE ANCHORING ARTICLES**
[54] **ARTICLES D'ANCRAGE DE TISSU**
[72] TRAVERSO, CARLO GIOVANNI, US
[72] ABRAMSON, ALEX G., US
[72] CAFFAREL SALVADOR, ESTER, US
[72] ROXHED, NICLAS, SE
[72] KHANG, MINSOO, US
[72] BENSEL, TAYLOR, US
[72] DELLAL, DAVID, US
[72] LANGER, ROBERT S., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2019-11-12
[86] 2018-05-17 (PCT/US2018/033204)
[87] (WO2018/213588)
[30] US (62/507,653) 2017-05-17
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[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **FULLY AUTOMATED SELF-SERVICE STORE**
[54] **MAGASIN A LIBRE-SERVICE ENTIEREMENT AUTOMATISE**
[72] LERT, JOHN G., JR., US
[72] FOSNIGHT, WILLIAM J., US
[72] COADY, MATTHEW W., US
[71] ALERT INNOVATION INC., US
[85] 2019-11-12
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[87] (WO2018/217958)
[30] US (62/509,875) 2017-05-23

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[51] **Int.Cl. H04W 74/08 (2009.01)**
[25] EN
[54] **DIFFERENTIATED RANDOM ACCESS IN NEW RADIO**
[54] **ACCES ALEATOIRE DIFFERENCIE DANS UNE NOUVELLE RADIO**
[72] HE, LINHAI, US
[72] HORN, GAVIN BERNARD, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-11-12
[86] 2018-06-16 (PCT/US2018/037959)
[87] (WO2018/232381)
[30] US (62/521,273) 2017-06-16
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[30] US (62/623,547) 2018-01-29
[30] US (16/009,302) 2018-06-15

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[51] **Int.Cl. H04W 48/20 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **WIRELESS STEERING CONTROLLER**
[54] **CONTROLEUR DE DIRECTION SANS FIL**
[72] STRATER, JAY, US
[72] NAKANISHI, GREGORY, US
[72] LUMBATIS, KURT ALAN, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2019-11-12
[86] 2018-05-17 (PCT/US2018/033283)
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[30] US (62/507,751) 2017-05-17
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[13] A1
[51] **Int.Cl. C25C 7/02 (2006.01) C25C 1/16 (2006.01)**
[25] EN
[54] **SIDE PROTECTION FOR AN ELECTROLYTIC CELL CATHODE FOR PRODUCING METALLIC ZINC PRODUCTION**
[54] **PROTECTION LATERALE POUR CATHODE DE CUVE ELECTROLYTIQUE DESTINEE A LA PRODUCTION DE ZINC METALLIQUE**
[72] MONTEIRO, LUCAS VILAS BOAS PIMENTEL, BR
[72] OLIVEIRA, EDSON LUCAS DE, BR
[71] CECAL TECNO INDUSTRIA E COMERCIO DE EQUIPAMENTOS SOB ENCOMENDA LTDA., BR
[85] 2019-06-28
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[51] **Int.Cl. B65G 1/137 (2006.01) B65G 1/00 (2006.01)**
[25] EN
[54] **ORDER FULFILLMENT SYSTEM AND METHOD WITH ITEM SENSOR**
[54] **SYSTEME ET PROCEDE D'EXECUTION DE COMMANDE AVEC UN CAPTEUR D'ARTICLE**
[72] ALDEN, RICHARD MATHIAS, US
[72] SAVAGE, BENJAMIN V., US
[72] SAVAGE, KENT V., US
[71] APEX INDUSTRIAL TECHNOLOGIES LLC, US
[85] 2019-11-12
[86] 2018-05-18 (PCT/US2018/033361)
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[30] US (62/508,738) 2017-05-19

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **TREATMENT OF NEUROINFLAMMATORY DISEASE**
[54] **TRAITEMENT D'UNE MALADIE NEURO-INFLAMMATOIRE**
[72] AJAMI, BAHAREH, US
[72] STEINMAN, LAWRENCE, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2019-11-12
[86] 2018-05-30 (PCT/US2018/035064)
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[30] US (62/512,457) 2017-05-30

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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01) C07D 403/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **COVALENT INHIBITORS OF KRAS**
[54] **INHIBITEURS COVALENTS DE KRAS**
[72] LI, LIANSHENG, US
[72] FENG, JUN, US
[72] WU, TAO, US
[72] LIU, YUAN, US
[72] WANG, YI, US
[72] REN, PINGDA, US
[72] LIU, YI, US
[71] ARAXES PHARMA LLC, US
[85] 2019-11-12
[86] 2018-05-24 (PCT/US2018/034471)
[87] (WO2018/218070)
[30] US (62/511,163) 2017-05-25
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[51] **Int.Cl. H04W 52/32 (2009.01) H04W 52/14 (2009.01) H04W 52/36 (2009.01) H04W 52/42 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR POWER CONTROL OF SOUNDING REFERENCE SIGNALS**
[54] **PROCEDE ET APPAREIL POUR LA COMMANDE DE PUISSANCE DE SIGNAUX DE REFERENCE SONORES**
[72] AKKARAKARAN, SONY, US
[72] CHEN, WANSHI, US
[72] GHEORGHIU, VALENTIN ALEXANDRU, US
[72] MONTOJO, JUAN, US
[72] HUANG, YI, US
[72] LUO, TAO, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-11-12
[86] 2018-06-14 (PCT/US2018/037558)
[87] (WO2018/232127)
[30] US (62/521,101) 2017-06-16
[30] US (16/007,589) 2018-06-13

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[51] **Int.Cl. A61K 35/14 (2015.01) A61P 9/00 (2006.01)**
[25] EN
[54] **METHODS AND TREATMENT OF TRAUMA**
[54] **PROCEDES ET TRAITEMENT DE TRAUMATISME**
[72] DUNHAM, ANDREW, US
[72] YOSHIDA, TATSURO, US
[71] NEW HEALTH SCIENCES, INC., US
[85] 2019-11-12
[86] 2018-05-18 (PCT/US2018/033404)
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[30] US (62/508,783) 2017-05-19

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[51] **Int.Cl. H01M 2/10 (2006.01) H01M 2/20 (2006.01) H01M 2/30 (2006.01) H01M 10/42 (2006.01)**
[25] EN
[54] **MULTI-MODULAR BATTERY SYSTEM**
[54] **SYSTEME DE BATTERIE MULTI-MODULAIRE**
[72] HUFF, BRIAN R., US
[71] ARTISAN VEHICLE SYSTEMS INC., US
[85] 2019-11-12
[86] 2018-05-25 (PCT/US2018/034679)
[87] (WO2018/222546)
[30] US (62/512,296) 2017-05-30
[30] US (15/988,843) 2018-05-24

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[51] **Int.Cl. A61K 48/00 (2006.01) A61K 47/66 (2017.01) C12N 9/22 (2006.01) C12N 15/10 (2006.01) C12N 15/63 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **USING SPLIT DEAMINASES TO LIMIT UNWANTED OFF-TARGET BASE EDITOR DEAMINATION**
[54] **UTILISATION DE DESAMINASES CLIVEES POUR LIMITER LA DESAMINATION HORS CIBLE NON DESIREE D'EDITION DE BASES**
[72] JOUNG, J. KEITH, US
[72] ANGSTMAN, JAMES, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2019-11-12
[86] 2018-05-25 (PCT/US2018/034687)
[87] (WO2018/218166)
[30] US (62/511,296) 2017-05-25
[30] US (62/541,544) 2017-08-04
[30] US (62/622,676) 2018-01-26

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[51] **Int.Cl. G01N 33/48 (2006.01) C12Q 1/00 (2006.01) A61K 31/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPANION DIAGNOSTICS FOR MITOCHONDRIAL INHIBITORS**
[54] **DIAGNOSTIC COMPAGNON POUR INHIBITEURS MITOCHONDRIAUX**
[72] SOTGIA, FEDERICA, US
[72] LISANTI, MICHAEL P., US
[71] LUNELLA BIOTECH, INC., CA
[85] 2019-11-12
[86] 2018-05-18 (PCT/US2018/033488)
[87] (WO2018/213764)
[30] US (62/508,788) 2017-05-19
[30] US (62/508,769) 2017-05-19
[30] US (62/508,750) 2017-05-19
[30] US (62/508,799) 2017-05-19
[30] US (62/524,829) 2017-06-26
[30] US (62/529,871) 2017-07-07
[30] US (62/576,287) 2017-10-24
[30] US (62/590,432) 2017-11-24
[30] US (PCT/US2018/022403) 2018-03-14

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[13] A1
[51] **Int.Cl. H04B 7/06 (2006.01) H04B 7/08 (2006.01)**
[25] EN
[54] **QCL INDICATION BY UE-BEAM BASED TAGGING**
[54] **INDICATION DE QCL PAR ETIQUETAGE BASE SUR FAISCEAU D'UE**
[72] SUBRAMANIAN, SUNDAR, US
[72] CEZANNE, JUERGEN, US
[72] SADIQ, BILAL, US
[72] SAMPATH, ASHWIN, US
[72] LUO, TAO, US
[72] LI, JUNYI, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-11-12
[86] 2018-06-15 (PCT/US2018/037819)
[87] (WO2018/232283)
[30] US (62/521,308) 2017-06-16
[30] US (16/009,034) 2018-06-14

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[13] A1
[51] **Int.Cl. H05B 6/42 (2006.01) B29C 65/36 (2006.01) H01F 27/02 (2006.01) H05B 6/10 (2006.01)**
[25] EN
[54] **USE OF THERMALLY CONDUCTIVE POWDERS AS HEAT TRANSFER MATERIALS FOR ELECTRICAL COMPONENTS**
[54] **UTILISATION DE POUDRES THERMIQUEMENT CONDUCTRICES EN TANT QUE MATERIAUX DE TRANSFERT DE CHALEUR POUR COMPOSANTS ELECTRIQUES**
[72] OVANDO, ROBERT BERNARDO BENEDICTO, US
[72] CAHILL, THOMAS, US
[72] MORTIMER, JOHN JUSTIN, US
[71] RADYNE CORPORATION, US
[85] 2019-11-12
[86] 2018-06-15 (PCT/US2018/037831)
[87] (WO2018/232291)
[30] US (62/520,165) 2017-06-15

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[13] A1
[51] **Int.Cl. C11D 1/62 (2006.01) C11D 3/37 (2006.01)**
[25] EN
[54] **FABRIC CARE COMPOSITION**
[54] **COMPOSITION POUR L'ENTRETIEN DES TEXTILES**
[72] BAUTISTA CID, OSCAR, MX
[72] CARDENAS ALPIZAR, ERICK, MX
[72] MALDONADO, RAUL ARELLANO, MX
[72] BUCIO, JOSE, MX
[72] URAY, ALP, US
[72] TOVAR PESCADOR, JOSE JAVIER, MX
[72] SANCHEZ, SANDRA PAOLA, MX
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2019-11-12
[86] 2018-07-09 (PCT/US2018/041198)
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[30] US (62/530,493) 2017-07-10

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[13] A1
[51] **Int.Cl. A61K 8/27 (2006.01) A61K 8/49 (2006.01) A61P 1/02 (2006.01) A61P 31/02 (2006.01) A61Q 11/00 (2006.01) A61Q 17/00 (2006.01) C07D 307/91 (2006.01)**
[25] EN
[54] **PERSONAL CARE COMPOSITIONS COMPRISING ZINC:USNIC ACID COMPLEXES AND METHODS OF USE**
[54] **COMPOSITIONS DE SOINS PERSONNELS COMPRENANT DES COMPLEXES ZINC : ACIDE USNIQUE ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] JARACZ, STANISLAV, US
[72] PAN, LONG, US
[72] SAMBANTHAMOORTHY, KARTHIK, US
[72] MAO, JUNHONG, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2019-11-12
[86] 2018-07-16 (PCT/US2018/042287)
[87] (WO2019/018287)
[30] US (62/534,420) 2017-07-19

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[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61P 3/00 (2006.01) C12N 15/85 (2006.01) C12N 15/861 (2006.01)**
[25] EN
[54] **HIGH ACTIVITY REGULATORY ELEMENTS**
[54] **ELEMENTS REGULATEURS A HAUTE ACTIVITE**
[72] RAMAMOORTHI, KARTIK, US
[72] TAGLIATELA, STEPHANIE, US
[72] TANENHAUS, ANNE, US
[72] YOUNG, ANDREW, US
[72] CHEN, SZU-YING, US
[72] ZHANG, CHI, US
[72] MARTIN, STEPHANIE, US
[72] OBERKOFLER, DAVID, US
[71] ENCODED THERAPEUTICS, INC., US
[85] 2019-11-12
[86] 2018-05-18 (PCT/US2018/033515)
[87] (WO2018/213786)
[30] US (62/508,968) 2017-05-19

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[13] A1
[51] **Int.Cl. F17C 7/04 (2006.01)**
[25] EN
[54] **TWO-PHASE THERMAL PUMP**
[54] **POMPE THERMIQUE A DEUX PHASES**
[72] JANSEN, EUGENE CHARLES, US
[72] CHEN, JEFFREY WEN-YU, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC., US
[85] 2019-11-12
[86] 2018-05-18 (PCT/US2018/033543)
[87] (WO2018/213806)
[30] US (62/508,074) 2017-05-18

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[25] EN
[54] **LED LAMP CIRCUIT**
[54] **CIRCUIT DE LAMPE A DEL**
[72] MAO, ZHU, CN
[72] FANG, MIN, CN
[72] WANG, FANBIN, CN
[72] QIN, SHUYI, CN
[72] ZHANG, BO, CN
[72] LONG, QI, CN
[71] CURRENT LIGHTING SOLUTIONS, LLC, US
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[30] CN (201710378151.4) 2017-05-25

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[51] **Int.Cl. B01D 15/00 (2006.01) B01D 15/34 (2006.01) B01J 20/00 (2006.01) B01J 20/28 (2006.01) B01J 20/32 (2006.01)**
[25] EN
[54] **METHOD OF TREATING TRAUMATIC BRAIN INJURY**
[54] **PROCEDES DE TRAITEMENT DE LESION CEREBRALE TRAUMATIQUE**
[72] CHAN, PHILLIP, US
[71] CYTOSORBENTS CORPORATION, US
[85] 2019-11-12
[86] 2018-05-21 (PCT/US2018/033661)
[87] (WO2018/217629)
[30] US (62/509,790) 2017-05-23

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) C07D 475/00 (2006.01)**
[25] EN
[54] **KRAS G12C INHIBITORS AND METHODS OF USING THE SAME**
[54] **INHIBITEURS DE KRAS G12C ET LEURS PROCEDES D'UTILISATION**
[72] LANMAN, BRIAN ALAN, US
[72] CHEN, JIAN, US
[72] REED, ANTHONY B., US
[72] CEE, VICTOR J., US
[72] LIU, LONGBIN, US
[72] KOPECKY, DAVID JOHN, US
[72] LOPEZ, PATRICIA, US
[72] WURZ, RYAN PAUL, US
[72] NGUYEN, THOMAS T., US
[72] BOOKER, SHON, US
[72] NISHIMURA, NOBUKO, US
[72] SHIN, YOUNGSOOK, US
[72] TAMAYO, NURIA A., US
[72] ALLEN, JOHN GORDON, US
[72] ALLEN, JENNIFER REBECCA, US
[71] AMGEN INC., US
[85] 2019-11-12
[86] 2018-05-21 (PCT/US2018/033714)
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[30] US (62/509,629) 2017-05-22

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[51] **Int.Cl. A45C 1/04 (2006.01) G07C 11/00 (2006.01) G07F 17/12 (2006.01)**
[25] EN
[54] **LOOSE ITEM MANAGEMENT SYSTEMS AND METHODS FOR AMUSEMENT PARK RIDES**
[54] **SYSTEMES ET PROCEDES DE GESTION D'ARTICLES EN VRAC POUR MANEGES DE PARCS D'ATTRACTIONS**
[72] ZIELKOWSKI, AMANDA K., US
[72] PHILLIPS, MICHELLE, US
[72] UGRIN, JOHN, US
[72] CATANIA, ALEXANDRIA, US
[72] BLUM, STEVEN C., US
[72] JONES, MATTHEW PRESTON, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2019-11-12
[86] 2018-05-21 (PCT/US2018/033731)
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[30] US (62/509,563) 2017-05-22
[30] US (15/686,007) 2017-08-24

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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **AUTOMATED CLASSIFICATION OF NETWORK-ACCESSIBLE CONTENT**
[54] **CLASSIFICATION AUTOMATISEE DE CONTENU ACCESSIBLE PAR RESEAU**
[72] GARG, ROOPAL, US
[71] GUMGUM, INC., US
[85] 2019-11-12
[86] 2018-05-21 (PCT/US2018/033745)
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[30] US (15/602,706) 2017-05-23

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[51] **Int.Cl. B60J 7/02 (2006.01) B60P 7/02 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN DEPLOYABLE CANOPIES FOR VEHICLES**
[54] **AMELIORATIONS APPORTEES A DES AUVENTS DEPLOYABLES POUR VEHICULES**
[72] DONKIN, MARK, AU
[71] DONKIN, MARK, AU
[85] 2019-11-13
[86] 2018-05-15 (PCT/AU2018/050456)
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[51] **Int.Cl. E04B 2/30 (2006.01) E04B 2/44 (2006.01) E04B 2/84 (2006.01) E04G 11/06 (2006.01)**
[25] EN
[54] **A MODULAR PREFABRICATED WALL SYSTEM AND A METHOD OF ASSEMBLY THEREOF**
[54] **SYSTEME DE PAROI PREFABRIQUEE MODULAIRE ET PROCEDE D'ASSEMBLAGE ASSOCIE**
[72] MANISIER, HOWARD, AU
[71] ACEFIELD CONSTRUCTIONS PTY LTD, AU
[85] 2019-11-13
[86] 2018-06-22 (PCT/AU2018/050625)
[87] (WO2019/018880)
[30] AU (2017902867) 2017-07-22

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[51] **Int.Cl. C03B 33/033 (2006.01) C03B 33/04 (2006.01)**
[25] FR
[54] **METHOD FOR BREAKING A GLASS SHEET**
[54] **PROCEDE DE ROMPAGE D'UNE FEUILLE DE VERRE**
[72] NOGRET, AXEL, FR
[72] DUMENIL, THIERRY, FR
[72] BURELOUX, DOMINIQUE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2019-11-13
[86] 2018-05-07 (PCT/FR2018/051144)
[87] (WO2018/211201)
[30] FR (1754451) 2017-05-19

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[13] A1
[51] **Int.Cl. C03B 33/033 (2006.01) C03B 33/04 (2006.01)**
[25] FR
[54] **METHOD FOR BREAKING A GLASS SHEET**
[54] **PROCEDE DE ROMPAGE D'UNE FEUILLE DE VERRE**
[72] ULLIEL ROCHE, IVAN, FR
[72] DUMENIL, THIERRY, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2019-11-13
[86] 2018-05-18 (PCT/FR2018/051204)
[87] (WO2018/211228)
[30] FR (1754463) 2017-05-19

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[51] **Int.Cl. F15D 1/12 (2006.01) B63B 1/34 (2006.01) B64C 21/10 (2006.01) C08J 5/16 (2006.01)**
[25] EN
[54] **HYDROPHOBIC XEROGEL FILM AND METHOD OF USE THEREOF FOR REDUCING DRAG**
[54] **FILM DE XEROGEL HYDROPHOBE ET SON PROCEDE D'UTILISATION POUR REDUIRE LA TRAINEE**
[72] WHIPP, GARY, CA
[72] MARION, OLIVIER, CA
[71] MIRAPAKON INC., CA
[85] 2019-11-13
[86] 2017-05-12 (PCT/CA2017/050572)
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[30] US (62/335,742) 2016-05-13

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[51] **Int.Cl. F03D 9/28 (2016.01) F03D 9/17 (2016.01) F01C 1/332 (2006.01) F03D 5/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR HARNESSING WIND ENERGY USING A TETHERED AIRFOIL**
[54] **PROCEDE ET SYSTEME D'EXPLOITATION D'ENERGIE EOLIENNE A L'AIDE D'UN PROFIL AERODYNAMIQUE CAPTIF**
[72] BOURGAULT, FREDERIC, CA
[72] TODD, DEVIN, CA
[72] BEATCH, JASON, CA
[72] KHEIRI, MOJTABA, CA
[72] DAMRON, DAVID LUKE, CA
[72] NASRABAD, VAHID SABERI, CA
[71] NEW LEAF MANAGEMENT LTD., CA
[85] 2019-11-13
[86] 2017-12-06 (PCT/CA2017/051478)
[87] (WO2018/213913)
[30] US (62/510,265) 2017-05-23
[30] US (62/533,531) 2017-07-17

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[51] **Int.Cl. A61M 5/19 (2006.01) A61M 5/24 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **MEDICAMENT CONTAINER HAVING AN END PLUG, USE OF A PLUG SECURING PART FOR SECURING AN END PLUG IN A MEDICAMENT CONTAINER AND PLUG SECURING PART**
[54] **RECIPIENT POUR MEDICAMENTS MUNI D'UN BOUCHON DE FERMETURE, UTILISATION D'UNE PIECE DE FIXATION DE BOUCHON POUR FIXER UN BOUCHON DE FERMETURE DANS UN RECIPIENT POUR MEDICAMENTS ET PIECE DE FIXATION DE BOUCHON**
[72] GLOCKER, JOACHIM, DE
[71] VETTER PHARMA-FERTIGUNG GMBH & CO. KG, DE
[85] 2019-11-13
[86] 2018-04-27 (PCT/EP2018/060972)
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[30] DE (10 2017 208 255.0) 2017-05-16

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[51] **Int.Cl. B29C 45/17 (2006.01) B29C 45/23 (2006.01) B29C 45/64 (2006.01)**
[25] EN
[54] **INJECTION MOLDING APPARATUS**
[54] **DISPOSITIF DE MOULAGE PAR INJECTION**
[72] BABIN, DENIS, CA
[72] PANNU, BALTEJ, CA
[71] MOLD-MASTERS (2007) LIMITED, CA
[85] 2019-11-13
[86] 2018-05-11 (PCT/CA2018/050559)
[87] (WO2018/209431)
[30] US (62/506,010) 2017-05-15

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[51] **Int.Cl. C08K 3/22 (2006.01) C08K 9/06 (2006.01) C08L 83/04 (2006.01) C08L 83/06 (2006.01) H01B 17/32 (2006.01)**
[25] EN
[54] **SILICONE RUBBER WITH ATH FILLER**
[54] **CAOUTCHOUC DE SILICONE PRESENTANT UNE CHARGE D'ATH**
[72] HILLBORG, HENRIK, SE
[72] HJORTSTAM, OLOF, SE
[72] LOFAS, HENRIK, SE
[72] BIRGERSON, JONAS, SE
[71] ABB SCHWEIZ AG, CH
[85] 2019-11-13
[86] 2018-05-10 (PCT/EP2018/062170)
[87] (WO2018/210687)
[30] EP (17171853.9) 2017-05-19

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[13] A1
[51] **Int.Cl. B29C 55/16 (2006.01) B29C 55/20 (2006.01)**
[25] FR
[54] **DEVICE FOR STRETCHING THERMOPLASTIC FILM SIMULTANEOUSLY IN THE LONGITUDINAL DIRECTION AND IN THE TRANSVERSE DIRECTION**
[54] **DISPOSITIF D'ETIRAGE DE FILM THERMOPLASTIQUE SIMULTANEMENT DANS LE SENS LONGITUDINAL ET DANS LE SENS TRANSVERSAL**
[72] DARLET, JEAN-PIERRE, CN
[71] DARLET, JEAN-PIERRE, CN
[85] 2019-11-13
[86] 2018-05-14 (PCT/EP2018/062353)
[87] (WO2018/210737)
[30] FR (1754255) 2017-05-15

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[13] A1
[51] **Int.Cl. H04W 36/08 (2009.01)**
[25] EN
[54] **PATH SWITCHING METHOD AND BASE STATION**
[54] **PROCEDE DE COMMUTATION DE TRAJET ET STATION DE BASE**
[72] YANG, NING, CN
[72] LIU, JIANHUA, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-11-13
[86] 2017-08-29 (PCT/CN2017/099530)
[87] (WO2019/041142)

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[13] A1
[51] **Int.Cl. C22B 9/02 (2006.01) B22D 11/119 (2006.01) C22B 21/00 (2006.01) C22B 21/06 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR APPLYING CERAMIC FOAM FILTERS FOR THE REMOVAL OF UNWANTED INCLUSIONS FROM METAL MELTS**
[54] **APPAREIL ET PROCEDE DESTINES A L'APPLICATION DE FILTRES EN MOUSSE CERAMIQUE DESTINEE A L'ELIMINATION D'INCLUSIONS NON SOUHAITEES DE MATIERE FONDUE METALLIQUE**
[72] TUNDAL, ULF HAKON, NO
[72] STEEN, IDAR KJETIL, NO
[72] FAGERLIE, JOHN OLAV, NO
[72] HAUGEN, TERJE, NO
[71] NORSK HYDRO ASA, NO
[85] 2019-11-13
[86] 2018-05-15 (PCT/EP2018/062453)
[87] (WO2018/219626)
[30] NO (20170897) 2017-05-31

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[13] A1
[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/20 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **INHIBITORS AND ANTAGONISTS OF GPR84 FOR THE TREATMENT OF ENDOMETRIOSIS**
[54] **INHIBITEURS ET ANTAGONISTES DE GPR84 POUR LE TRAITEMENT DE L'ENDOMETRIOSE**
[72] SACHER, FRANK, DE
[72] OBENDORF, MAIK, DE
[72] LANGER, GERNOT, DE
[72] MARTINEZ, ESTRADA FERNANDO, GB
[72] OPPERMANN, UDO, GB
[72] SHANG, CATHERINE, AU
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2019-11-13
[86] 2018-05-15 (PCT/EP2018/062544)
[87] (WO2018/210822)
[30] EP (17171351.4) 2017-05-16

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[13] A1
[51] **Int.Cl. B65D 85/10 (2006.01)**
[25] EN
[54] **CONTAINER FOR CONSUMER GOODS WITH RECLOSABLE FLAP AND METHOD**
[54] **CONTENANT POUR BIENS DE CONSOMMATION DOTE D'UN RABAT REFERMABLE ET PROCEDE ASSOCIE**
[72] KUMPEL, JURGEN, DE
[72] COLLINS, TIM, GB
[72] FRANZEN, JENS, DE
[72] GRECO, GABRIELA, CH
[72] ALIZON, ROBERT, CH
[72] SORIANO, MIGUEL, CH
[71] JT INTERNATIONAL SA, CH
[85] 2019-11-13
[86] 2018-05-15 (PCT/EP2018/062561)
[87] (WO2018/210834)
[30] EP (17171837.2) 2017-05-18

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[13] A1
[51] **Int.Cl. B65D 85/10 (2006.01) B65D 75/58 (2006.01)**
[25] EN
[54] **CONTAINER FOR CONSUMER GOODS WITH RECLOSABLE FLAP**
[54] **CONTENANT POUR BIENS DE CONSOMMATION, DOTE D'UN VOLET REFERMABLE**
[72] GRECO, GABRIELA, CH
[72] COLLINS, TIM, GB
[72] FRANZEN, JENS, DE
[72] KUMPEL, JURGEN, DE
[72] ALIZON, ROBERT, CH
[72] SORIANO, MIGUEL, CH
[71] JT INTERNATIONAL SA, CH
[85] 2019-11-13
[86] 2018-05-15 (PCT/EP2018/062562)
[87] (WO2018/210835)
[30] EP (17171838.0) 2017-05-18

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **DEVICE FOR HEATING A VAPOUR FORMING SUBSTANCE SUCH AS TOBACCO**
[54] **DISPOSITIF SERVANT A CHAUFFER UNE SUBSTANCE FORMANT DE LA VAPEUR TELLE QUE DU TABAC**
[72] ROGAN, ANDREW ROBERT JOHN, GB
[71] JT INTERNATIONAL SA, CH
[85] 2019-11-13
[86] 2018-05-18 (PCT/EP2018/063129)
[87] (WO2018/211084)
[30] EP (17171741.6) 2017-05-18

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[13] A1
[51] **Int.Cl. G01N 33/557 (2006.01) G01N 33/48 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01) G06F 17/10 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING EQUILIBRIUM DISSOCIATION CONSTANT OF A REVERSIBLE BINDING PAIR**
[54] **PROCEDE ET SYSTEME DE DETERMINATION D'UNE CONSTANTE DE DISSOCIATION D'EQUILIBRE D'UNE PAIRE DE LIAISON REVERSIBLE**
[72] KRYLOV, SERGEY, CA
[72] SISAVATH, NICOLAS, FR
[71] KRYLOV, SERGEY, CA
[85] 2019-11-13
[86] 2018-05-14 (PCT/CA2018/050568)
[87] (WO2018/209433)
[30] US (62/506,520) 2017-05-15

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[13] A1
[51] **Int.Cl. B29C 70/54 (2006.01)**
[25] EN
[54] **A DEVICE AND A METHOD OF ALIGNING CORE ELEMENTS USING SUCH DEVICE**
[54] **DISPOSITIF ET METHODE D'ALIGNEMENT D'ELEMENTS DE BASE A L'AIDE D'UN TEL DISPOSITIF**
[72] JESPERSEN, KLAVS, DK
[72] NIELSEN, LARS, DK
[71] LM WIND POWER INTERNATIONAL TECHNOLOGY II APS, DK
[85] 2019-11-13
[86] 2018-05-22 (PCT/EP2018/063358)
[87] (WO2018/215448)
[30] EP (17172209.3) 2017-05-22

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[13] A1
[51] **Int.Cl. G01B 11/24 (2006.01) G01N 23/04 (2018.01)**
[25] EN
[54] **DUAL SCAN METHOD FOR DETECTING A FIBRE MISALIGNMENT IN AN ELONGATED STRUCTURE**
[54] **PROCEDE DE DOUBLE BALAYAGE POUR LA DETECTION D'UN MAUVAIS ALIGNEMENT DE FIBRES DANS UNE STRUCTURE ALLONGEE**
[72] JESPERSEN, KLAVS, DK
[72] NIELSEN, LARS, DK
[72] LAURIDSEN, TORSTEN, DK
[71] LM WIND POWER INTERNATIONAL TECHNOLOGY II APS, DK
[85] 2019-11-13
[86] 2018-05-22 (PCT/EP2018/063359)
[87] (WO2018/215449)
[30] EP (17172448.7) 2017-05-23

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[13] A1
[51] **Int.Cl. B22D 11/04 (2006.01) B22D 11/115 (2006.01) B22D 27/02 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC BRAKE SYSTEM AND METHOD OF CONTROLLING AN ELECTROMAGNETIC BRAKE SYSTEM**
[54] **SYSTEME DE FREIN ELECTROMAGNETIQUE ET PROCEDE DE COMMANDE D'UN SYSTEME DE FREIN ELECTROMAGNETIQUE**
[72] SEDEN, MARTIN TOBIAS, SE
[72] LEHMAN, ANDERS, SE
[72] ERIKSSON, JAN-ERIK, SE
[71] ABB SCHWEIZ AG, CH
[85] 2019-11-13
[86] 2018-05-29 (PCT/EP2018/063987)
[87] (WO2018/228812)
[30] EP (17176292.5) 2017-06-16

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **DATA TRANSMISSION METHOD, NETWORK DEVICE AND TERMINAL DEVICE**
[54] **PROCEDE DE TRANSMISSION DE DONNEES, DISPOSITIF DE RESEAU ET DISPOSITIF TERMINAL**
[72] CHEN, WENHONG, CN
[72] ZHANG, ZHI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-11-13
[86] 2017-08-10 (PCT/CN2017/096844)
[87] (WO2019/028745)

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[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61B 1/00 (2006.01) A61M 25/06 (2006.01)**
[25] EN
[54] **TUBE ELEMENT**
[54] **ELEMENT TUBULAIRE**
[72] VON WEYMARN-SCHARLI, ALEXANDER, CH
[72] GERIG, THOMAS, CH
[71] SOFTRAIL MEDICAL AG, CH
[85] 2019-11-13
[86] 2018-06-01 (PCT/EP2018/064451)
[87] (WO2018/220170)
[30] EP (17174325.5) 2017-06-02

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[13] A1
[51] **Int.Cl. C05C 3/00 (2006.01) C05G 3/08 (2006.01)**
[25] EN
[54] **NEW METHOD FOR FERTILIZING AGRICULTURAL SOIL**
[54] **NOUVEAU PROCEDE DE FERTILISATION DE SOL AGRICOLE**
[72] FENG, CHING, US
[72] MILLER, JEREMIE, US
[72] KELLER, KYLE EDWARD, US
[71] BASF SE, DE
[85] 2019-11-13
[86] 2018-06-05 (PCT/EP2018/064764)
[87] (WO2018/228866)
[30] EP (17175945.9) 2017-06-14

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[13] A1
[51] **Int.Cl. E21B 33/035 (2006.01) H05K 7/14 (2006.01)**
[25] EN
[54] **SUBSEA ELECTRIC POWER AND COMMUNICATION MODULE**
[54] **MODULE DE COMMUNICATION ET D'ENERGIE ELECTRIQUE SOUS-MARIN**
[72] MATHISEN, STIG FREDRIK, NO
[72] MAGNUS, HEYN HALFDAN, NO
[72] NICOLAYSEN, VIDAR, NO
[72] SKRIVERVIK, EGIL MULSTAD, NO
[71] FMC KONGSBERG SUBSEA AS, NO
[85] 2019-11-13
[86] 2018-06-06 (PCT/EP2018/064911)
[87] (WO2018/228890)
[30] NO (20170965) 2017-06-14

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[13] A1
[51] **Int.Cl. H04W 24/00 (2009.01)**
[25] EN
[54] **DATA TRANSMISSION METHOD AND TERMINAL DEVICE**
[54] **DISPOSITIF TERMINAL ET PROCEDE D'EMISSION DE DONNEES**
[72] CHEN, WENHONG, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-11-13
[86] 2017-08-10 (PCT/CN2017/096908)
[87] (WO2019/028771)

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[13] A1
[51] **Int.Cl. H04R 25/00 (2006.01) H04R 1/10 (2006.01)**
[25] EN
[54] **FLEXIBLE EAR PIECE FOR A HEARING AID**
[54] **ECOUTEUR SOUPLE POUR PROTHESE AUDITIVE**
[72] MARCHER, IB, DK
[72] RASMUSSEN, KASPER HOLKVED, DK
[71] WIDEX A/S, DK
[85] 2019-11-13
[86] 2018-06-11 (PCT/EP2018/065344)
[87] (WO2018/228988)
[30] US (62/520,772) 2017-06-16

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[13] A1
[51] **Int.Cl. H04R 25/00 (2006.01) H04R 1/10 (2006.01)**
[25] EN
[54] **FLEXIBLE EAR TIP FOR A HEARING AID**
[54] **EMBOUT AURICULAIRE SOUPLE POUR PROTHESE AUDITIVE**
[72] MARCHER, IB, DK
[72] RASMUSSEN, KASPER HOLKVED, DK
[71] WIDEX A/S, DK
[85] 2019-11-13
[86] 2018-06-11 (PCT/EP2018/065350)
[87] (WO2018/228991)
[30] US (62/520,772) 2017-06-16

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[13] A1
[51] **Int.Cl. C09K 5/04 (2006.01) C11D 7/50 (2006.01)**
[25] EN
[54] **COMPOSITIONS**
[54] **COMPOSITIONS**
[72] LOW, ROBERT, GB
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[54] **PROCEDE DE FABRICATION DE CORPS FACONNES STRATIFIES EN TROIS DIMENSIONS**
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[72] BARTELS, DENNIS, DE
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[54] **CATALYSEUR D'OXYDATION DE DIESEL**
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[71] BASF CORPORATION, US
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[54] **ENSEMBLE DE LEVAGE DESTINE A ELEVER DES ELEMENTS JUSQU'A UNE EOLIENNE ET PROCEDE DESTINE A UTILISER L'ENSEMBLE DE LEVAGE**
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[72] LUNDBERG, KENNETH, SE
[71] S&L ACCESS SYSTEMS AB, SE
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[54] **COMPOSITION POLYMERE COMPRENANT UN COLORANT FLUORESCENT, SON PROCEDE DE PREPARATION, SON UTILISATION ET OBJET LE COMPRENANT**
[72] FUSCO, ROBERTO, IT
[72] PROTO, ANTONIO ALFONSO, IT
[72] SCHIMPERNA, GIULIANA, IT
[72] BOUTILLIER, JEAN MARC, FR
[72] BOURRIGAUD, SYLVAIN, FR
[72] TOMBOLATO, SYLVAIN, FR
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[54] **MACHINE VOLUMETRIQUE SYMETRIQUE CYLINDRIQUE**
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[72] GOETHALS, ANTON JAN, BE
[72] RAES, BART MARIA M., BE
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[54] **DISPOSITIF DE DISTRIBUTION D'AEROSOL**
[72] BRINKLEY, PAUL ANDREW, US
[72] NOVAK, CHARLES JACOB III, US
[72] BLESS, ALFRED CHARLES, US
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[54] **METAL CLOSURE FOR A CONTAINER, METHOD FOR MAKING THE SAME AND METHOD FOR CAPPING A CONTAINER WITH THE SAME**
[54] **FERMETURE METALLIQUE POUR UN RECIPIENT, PROCEDE DE FABRICATION DE LA FERMETURE METALLIQUE ET PROCEDE DE CAPSULAGE D'UN RECIPIENT AVEC CELLE-CI**
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[72] NALDI, DORIANO, IT
[71] PELLICONI & C. S.P.A., IT
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[72] COSTELLA, STEPHEN, CA
[72] FOLEY, MARTIN, CA
[72] KIRCHNER, ALANNA, CA
[72] MORTON, ROBERT, CA
[72] COLLINS, JASON, CA
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[54] **SYSTEME D'ADDITIF DE RESISTANCE ET PROCEDE DE FABRICATION D'UNE BANDE COMPRENANT DES FIBRES CELLULOSIQUES**
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[72] LU, CHEN, US
[72] RABIDEAU, JENNA, US
[71] KEMIRA OYJ, FI
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[54] **STRUCTURES ET BLOCS DE CONSTRUCTION ISOLANTS RESPECTUEUX DE L'ENVIRONNEMENT**
[72] SPREEN, RICHARD, US
[71] THE SHREDDED TIRE, INC., US
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[54] **PROTEINES A GREFFE DE CYTOKINE-ANTICORPS ET PROCEDES D'UTILISATION CONTRE DES TROUBLES LIES A L'IMMUNITE**
[72] DIAZ-DE-DURANA, YAIZA, US
[72] DIDONATO, MICHAEL, US
[72] FILIPPI, CHRISTOPHE, US
[72] MEEUSEN, SHELLY, US
[72] SPRAGGON, GLEN, US
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[54] **SYSTEMES DE COMMANDE D'EMISSION DE VAPEURS DE CARBURANT PAR EVAPORATION**
[72] BYRNE, TIMOTHY M., US
[72] HILTZIK, LAURENCE H., US
[72] LEON GARCIA, MARTA, US
[72] THOMSON, CAMERON I., US
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[54] **SYSTEME DE CODE-BARRES DYNAMIQUE ASSISTE PAR VOIE AUDIO**
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[71] CUBIC CORPORATION, US
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[54] **COMPOSITION IGNIFUGE ET REVETEMENT**
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[72] KUNNARI, VESA, FI
[71] TEKNOLOGIAN TUTKIMUSKESKUS VTT OY, FI
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[54] **TRAITEMENT DE LA FIBROSE KYSTIQUE PAR ADMINISTRATION D'ARNM A CODONS OPTIMISES CODANT POUR LA CFTR**
[72] HEARTLEIN, MICHAEL, US
[72] DEROSA, FRANK, US
[72] KIMURA, ALAN, US
[72] ABYSALH, JONATHAN, US
[72] DIAS, ANUSHA, US
[72] KARVE, SHRIRANG, US
[72] PATEL, ZARNA, US
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[54] **FAST DETERMINATION OF A FREQUENCY OF A RECEIVED AUDIO SIGNAL BY MOBILE PHONE**
[54] **DETERMINATION RAPIDE D'UNE FREQUENCE D'UN SIGNAL AUDIO RECU PAR UN TELEPHONE MOBILE**
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[71] CUBIC CORPORATION, US
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[54] **METHODS AND SYSTEMS FOR PROTECTING USER-GENERATED DATA IN COMPUTER NETWORK TRAFFIC**
[54] **PROCEDES ET SYSTEMES DE PROTECTION DE DONNEES GENEREES PAR UN UTILISATEUR DANS UN TRAFIC DE RESEAU INFORMATIQUE**
[72] TSENG, GREGORY BRICIN LING-QUAN, US
[71] DILUVIAN LLC, US
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[54] **SYSTEME ET PROCEDE DE FORMATION EN MASSE DE MOTIFS DE STRUCTURES MOLECULAIRES**
[72] SCHWARTZ, DAVID CHARLES, US
[72] KOUNOVSKY-SHAFER, KRISTY L., US
[72] HERNANDEZ-ORTIZ, JUAN PABLO, US
[72] POTAMOUSIS, KONSTANTINOS DIMITRIOS, US
[72] JO, KYUBONG, KR
[72] DE PABLO, JUAN JOSE, US
[72] ODIJK, THEO, NL
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[71] UNIVERSITY OF LEIDEN, NL
[71] UNIVERSITY OF CHICAGO, US
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[54] **COMPOSES HETEROAROMATIQUES-ANILINE FUSIONNES POUR LE TRAITEMENT DE TROUBLES DERMIQUES**
[72] KINCAID, JOHN, US
[72] DUNCTON, MATTHEW, US
[71] NFLECTION THERAPEUTICS, INC., US
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[54] **PROCEDE ET SYSTEME D'ACQUISITION DE DONNEES GEOLOGIQUES A PARTIR D'UN TROU DE FORAGE**
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[71] REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD, AU
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[54] **PROTECTION DE SAC D'ETANCHEITE ELASTOMERE**
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[72] FREY, JEFFREY G., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PHARMACEUTICAL COMPOSITION FOR TREATING FOOT PAIN DISEASE INCLUDING BOTULINUM TOXIN AND HYALURONIC ACID, AND FOOT PAIN DISEASE TREATMENT METHOD USING SAME**
[54] **COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT D'UNE MALADIE PROVOQUANT DES DOULEURS AU PIED COMPRENANT LA TOXINE BOTULIQUE ET L'ACIDE HYALURONIQUE ET PROCEDE DE TRAITEMENT DE LA DOULEUR DU PIED L'UTILISANT**
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[72] LEE, HAKSUP, KR
[72] AHN, YONGSHIK, KR
[72] KIM, JONGHYO, KR
[72] SHIN, SEUNGJIN, KR
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[54] **PROCEDE DE DEVELOPPEMENT D'ARBRE SOUTERRAIN**
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[71] ORICA INTERNATIONAL PTE LTD, SG
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[54] **SYSTEME DE CHARGEMENT DE TRAIN**
[72] SHOOK, ANDREW ARTHUR, AU
[72] GOLDING, HANNAH, AU
[72] ONG, CHONG YEW, AU
[71] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
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[51] **Int.Cl. A61F 13/49 (2006.01) A61F 13/496 (2006.01) A61F 13/56 (2006.01)**
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[54] **DIAPER INCLUDING REMOVABLE WAISTBAND**
[54] **COUCHE MUNIE D'UNE CEINTURE AMOVIBLE**
[72] JEON, YOUNG SEOK, KR
[72] LEE, YOUNG JUN, KR
[71] DADDY FOR BEBE CO., LTD., KZ
[85] 2019-11-13
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[30] KR (10-2017-0087105) 2017-07-10

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[54] **A TRAIN LOADING SYSTEM**
[54] **SYSTEME DE CHARGEMENT DE TRAIN**
[72] SHOOK, ANDREW ARTHUR, AU
[72] ZEELENBERG, JONATHON, AU
[72] ONG, CHONG YEW, AU
[72] STRUWE, CHRISTOPHER MARK, AU
[71] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
[85] 2019-11-14
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[25] EN
[54] **HYALOCLASTITE, SIDEROMELANE OR TACHYLITE POZZOLAN, CEMENT AND CONCRETE USING SAME AND METHOD OF MAKING AND USING SAME**
[54] **POUZZOLANE DE TYPE HYALOCLASTITE, SIDEROMELANE OU TACHYLITE, CIMENT ET BETON L'UTILISANT ET PROCEDE DE FABRICATION ET D'UTILISATION DE CELLE-CI**
[72] CIUPERCA, ROMEO ILARIAN, US
[71] CIUPERCA, ROMEO ILARIAN, US
[85] 2019-11-13
[86] 2017-11-20 (PCT/US2017/062474)
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[30] US (15/595,411) 2017-05-15
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[25] EN
[54] **MOTORISED ZERO GRAVITY CHAIR**
[54] **SIEGE MOTORISE A GRAVITE NULLE**
[72] KACHIRSKI, BILL, AU
[71] KACHIRSKI, BILL, AU
[85] 2019-11-14
[86] 2018-06-21 (PCT/AU2018/050613)
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[54] **DEVICE FOR SUPPORTING BOTH ARMS OF A USER**
[54] **DISPOSITIF POUR SOUTENIR LES DEUX BRAS D'UN UTILISATEUR**
[72] MIZERA, OLIVER, DE
[72] KURZWEG, ANNEDORE, DE
[72] MOSLER, LUDER, DE
[72] FOX, SAMANTHA, US
[72] SCHIRRMEISTER, BENJAMIN, DE
[72] VOLLBRECHT, MATTHIAS, DE
[72] KEHNEN, MEIKE, DE
[72] WAGNER, SONJA, AT
[71] OTTOBOCK SE & CO. KGAA, DE
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[25] EN
[54] **AMPHIBIOUS, PRESSURIZABLE AND LOW NOISE TWIN-ENGINE AIRCRAFT CONFIGURATION**
[54] **CONFIGURATION D'AERONEF A DOUBLE MOTEUR AMPHIBIE, PRESSURISABLE ET A FAIBLE BRUIT**
[72] MOREAU, ANTOINE, CA
[71] MAD AEROSPACE CORP., CA
[85] 2019-11-14
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[54] **HARDWARE SECURITY MODULE**
[54] **MODULE DE SECURITE MATERIEL**
[72] RITCHIE, BRADLEY CLARE, CA
[72] GOODMAN, JAMES ROSS, CA
[72] FISET, JEAN-PIERRE, CA
[72] COUILLARD, BRUNO, CA
[71] CRYPTO4A TECHNOLOGIES INC., CA
[85] 2019-11-14
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[25] EN
[54] **ORTHOPEDIC DEVICE DELIVERING A CONTROLLED, REPEATABLE IMPACT**
[54] **DISPOSITIF ORTHOPEDIQUE DELIVRANT UN IMPACT CONTROLE ET SUSCEPTIBLE D'ETRE REPETE**
[72] PEDICINI, CHRISTOPHER, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2019-11-13
[86] 2018-02-12 (PCT/US2018/017763)
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[25] EN
[54] **METHOD FOR L-SHAPED ARRAY ANTENNA ARRAY ELEMENT ARRANGEMENT BASED ON INHERITANCE OF ACQUIRED CHARACTERISTICS**
[54] **PROCEDE D'AGENCEMENT D'ELEMENTS DE RESEAU POUR ANTENNE RESEAU DE TYPE L SUR LA BASE DE L'HERITAGE DE CARACTERISTIQUES ACQUISES**
[72] LI, YUN, CN
[72] LI, LIN, CN
[71] DONGGUAN UNIVERSITY OF TECHNOLOGY, CN
[71] LI, YUN, CN
[71] LI, LIN, CN
[85] 2019-11-14
[86] 2018-02-02 (PCT/CN2018/075150)
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[25] EN
[54] **REVERSIBLE LIFT SPRING FOR RAISING AND LOWERING A MEDICAL BED FIFTH WHEEL**
[54] **RESSORT DE LEVAGE REVERSIBLE POUR LEVER ET ABAISSER UNE CINQUIEME ROUE DE LIT MEDICAL**
[72] DELLACA, THOMAS ANTHONY, US
[72] WILSON, KEVIN SCOTT, US
[71] HUNTLEIGH TECHNOLOGY LIMITED, GB
[85] 2019-11-14
[86] 2018-05-08 (PCT/EP2018/061845)
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[51] **Int.Cl. G06F 17/22 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SMART INTERACTION BETWEEN WEBSITE COMPONENTS**
[54] **SYSTEME ET PROCEDE D'INTERACTION INTELLIGENTE ENTRE DES COMPOSANTS DE SITE WEB**
[72] ABRAHAMI, NADAV, IL
[72] IGAL, BARAK, IL
[72] BEN-AHARON, RONI, IL
[71] WIX.COM LTD., IL
[85] 2019-11-12
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[25] EN
[54] **AN ADVANCED ELECTRON-HOLE ENERGY STORAGE DEVICE**
[54]
[72] IVANNIKOV, VSVOLOD VI, CA
[71] IVANNIKOV, VSVOLOD VI, CA
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[25] EN
[54] **ROTARY BREAKING FOR CREATING AND OIL SAND SLURRY**
[54] **BROYAGE ROTATIF SERVANT A CREER UNE BOUE DE SABLES BITUMINEUX**
[72] MARKS, ANITA, US
[72] WEATHERBEE, GRANT, CA
[72] WALMSLEY, CHRIS, CA
[72] KENNEDY, HEATHER, CA
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[25] EN
[54] **SALTS OF CARBOXYLIC ACID HERBICIDES**
[54] **SELS D'HERBICIDES ACIDES CARBOXYLIQUES**
[72] ZHANG, JUNHUA, US
[72] WRIGHT, DANIEL R., US
[72] ABRAHAM, WILLIAM, US
[71] MONSANTO TECHNOLOGY LLC, US
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[25] EN
[54] **CONFORMAL FLUID-COOLED HEAT EXCHANGER FOR BATTERY**
[54] **ECHANGEUR DE CHALEUR CONFORME REFROIDI PAR FLUIDE POUR BATTERIE**
[72] VANDERWEES, DOUGLAS, CA
[71] DANA CANADA CORPORATION, CA
[22] 2011-10-03
[41] 2012-04-12
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[25] EN
[54] **CONTINUOUSLY VARIABLE TRANSMISSION AND VEHICLE INCLUDING SAME**
[54]
[72] NELSON, STEPHEN L., US
[72] GILLINGHAM, BRIAN R., US
[72] WENGER, URS, CH
[72] FREDRICKSON, DONOVAN L., US
[72] KROSSCHELL, BRIAN D., US
[72] GRAJKOWSKI, KARL, US
[72] MEYER, PHILIPP, CH
[72] FROST, DONALD E., US
[72] KOHLER, BEAT, CH
[72] ZURBRUEGG, RONALD, CH
[72] ERASMUS, PETER J., CH
[72] PETERMAN, JEFFREY IVAN, US
[71] POLARIS INDUSTRIES INC., US
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[25] EN
[54] **HYDROPONIC GROWTH SYSTEM AND PLANT TRAY ASSEMBLY THEREOF**
[54] **SYSTEME DE CROISSANCE HYDROPONIQUE ET ENSEMBLE DE PLATEAU ASSOCIE**
[72] FRANCZUZ, BRIAN, CA
[71] RAPIDGROW INDUSTRIES INC., CA
[22] 2018-02-21
[41] 2019-08-20
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[51] **Int.Cl. H01M 10/6557 (2014.01) F25D 17/02 (2006.01) F28D 21/00 (2006.01) F28F 3/00 (2006.01) F28F 9/26 (2006.01)**
[25] EN
[54] **CONFORMAL FLUID-COOLED HEAT EXCHANGER FOR BATTERY**
[54] **ECHANGEUR DE CHALEUR CONFORME REFROIDI PAR FLUIDE POUR BATTERIE**
[72] VANDERWEES, DOUGLAS, CA
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[51] **Int.Cl. A61M 31/00 (2006.01) A61F 2/00 (2006.01) A61M 5/155 (2006.01)**
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[54] **SYSTEM FOR GAS TREATMENT OF A CELL IMPLANT**
[54] **SYSTEME POUR LE TRAITEMENT GAZEUX D'UN IMPLANT CELLULAIRE**
[72] TEMPELMAN, LINDA, US
[72] STONE, SIMON, US
[72] PAPAS, KLEARCHOS, US
[71] GINER LIFE SCIENCES, INC., US
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[25] EN
[54] **SYNTHESIS OF POLYCYCLIC-CARBAMOYLPYRIDONE COMPOUNDS**
[54] **SYNTHESE DE COMPOSES DE CARBAMOYLPYRIDONE POLYCYCLIQUES**
[72] CHIU, ANNA, US
[72] ENQUIST, JOHN, US
[72] GRIGGS, NOLAN, US
[72] HALE, CHRISTOPHER, US
[72] IKEMOTO, NORIHIRO, US
[72] KEATON, KATIE ANN, US
[72] KRAFT, MATT, US
[72] LAZERWITH, SCOTT E., US
[72] LEEMAN, MICHEL, NL
[72] PENG, ZHIHUI, US
[72] SCHRIER, KATE, US
[72] TRINIDAD, JONATHAN, US
[72] HERPT, JOCHEM VAN, NL
[72] WALTMAN, ANDREW W., US
[71] GILEAD SCIENCES, INC., US
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[51] **Int.Cl. F25J 1/00 (2006.01) F25J 3/06 (2006.01)**
[25] EN
[54] **LIQUEFIED NATURAL GAS PRODUCTION SYSTEM AND METHOD WITH GREENHOUSE GAS REMOVAL**
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE GAZ NATUREL LIQUEFIE AVEC ELIMINATION DES GAZ A EFFET DE SERRE**
[72] HUNTINGTON, RICHARD A., US
[72] GUPTE, PARAG A., US
[72] PIERRE, FRITZ, JR., US
[72] DENTON, ROBERT D., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[51] **Int.Cl. A61M 5/14 (2006.01) A61M 5/142 (2006.01) A61M 5/168 (2006.01)**
[25] EN
[54] **FLUSHING A FLUID LINE FROM A MEDICAL PUMP**
[54] **RINCAGE D'UNE VOIE DE FLUIDE DEPUIS UNE POMPE MEDICALE**
[72] LEDFORD, RICKY L., US
[72] CHOUDHARY, SACHIN KUMAR, IN
[72] PATOROS, LORI LYNETTE, US
[71] SMITHS MEDICAL ASD, INC., US
[22] 2011-07-12
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[25] EN
[54] **SOIL SPREADING SCRAPER DEVICE**
[54] **DISPOSITIF RACLEUR ETENDEUR DE SOL**
[72] THOMPSON, MARK C., CA
[71] ELMER'S WELDING & MANUFACTURING LTD., CA
[22] 2014-04-29
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[62] 2,850,820

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[13] A1
[51] **Int.Cl. A61M 16/20 (2006.01) A61M 15/00 (2006.01) A61M 16/08 (2006.01) A61M 16/10 (2006.01)**
[25] EN
[54] **2882405TOR CIRCUIT, ADAPTER FOR USE IN VENTILATOR CIRCUIT AND METHODS FOR THE USE THEREOF**
[54] **CIRCUIT DE VENTILATEUR, ADAPTATEUR UTILISE DANS LE CIRCUIT DE VENTILATEUR ET LEURS PROCEDES D'UTILISATION**
[72] ALIZOTI, NERITAN, CA
[72] SCHMIDT, JAMES, CA
[71] TRUDELL MEDICAL INTERNATIONAL, CA
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[51] **Int.Cl. H04W 4/90 (2018.01) H04W 4/06 (2009.01) G01S 19/14 (2010.01) G01S 19/17 (2010.01) B64D 45/00 (2006.01) G01S 1/68 (2006.01) H04B 7/185 (2006.01)**
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[54] **AIRCRAFT TRACKING METHOD AND DEVICE AND METHOD OF INSTALLATION**
[54]
[72] MURPHY, TIMOTHY ALLEN, US
[71] THE BOEING COMPANY, US
[22] 2016-07-11
[41] 2017-02-21
[62] 2,935,837
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[25] EN
[54] **ANALYTE MEASUREMENT METHOD AND SYSTEM WITH ERROR TRAPPING**
[54] **PROCEDE DE MESURE D'ANALYTE ET SYSTEME A PIEGEAGE D'ERREURS**
[72] MACKINTOSH, STEPHEN, GB
[72] MCCOLL, DAVID, GB
[71] LIFESCAN SCOTLAND LIMITED, GB
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[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/958 (2013.01) A61F 2/82 (2013.01)**
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[54] **LOW-PROFILE HEART VALVE AND DELIVERY SYSTEM**
[54] **VALVULE CARDIAQUE A PROFIL BAS ET SYSTEME DE POSE**
[72] BENICHOU, NETANEL, US
[72] ROEW, STANTON J., US
[72] CHOW, SEAN, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[22] 2011-03-07
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[51] **Int.Cl. G10L 21/0264 (2013.01) G10L 19/012 (2013.01) G10L 19/032 (2013.01)**
[25] EN
[54] **METHOD, APPARATUS, AND SYSTEM FOR PROCESSING AUDIO DATA**
[54] **PROCEDE, APPAREIL ET SYSTEME POUR TRAITER DES DONNEES AUDIO**
[72] WANG, ZHE, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[41] 2013-07-04
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[30] CN (201110455836.7) 2011-12-30

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[13] A1
[51] **Int.Cl. A61B 5/01 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **CATHETER WITH DIGITIZED TEMPERATURE MEASUREMENT IN CONTROL HANDLE**
[54] **CATHETER AVEC MESURE DE TEMPERATURE NUMERISEE DANS UNE POIGNEE DE COMMANDE**
[72] FANG, ITZHAK, US
[72] SELKEE, THOMAS, US
[71] BIOSENSE WEBSTER, INC., US
[22] 2011-10-07
[41] 2012-04-13
[62] 2,754,970
[30] US (12/904,050) 2010-10-13

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[51] **Int.Cl. A01C 15/00 (2006.01) A01C 3/06 (2006.01)**
[25] EN
[54] **MANURE SPREADER IMPROVEMENTS**
[54] **AMELIORATIONS A UN EPANDEUR DE FUMIER**
[72] GRYWACHESKI, SHELDON J., CA
[72] JORDAN, RONALD G., CA
[72] KRAINE, ADAM J. J., CA
[72] LITTLE, DOUGLAS, CA
[72] WESTCOTT, WAYNE GORDON, CA
[71] DUTCH BLACKSMITH SHOP LTD., CA
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[25] EN
[54] **INCREASING MUSCULAR VOLUME IN A HUMAN USING HYALURONIC ACID**
[54] **AUGMENTATION DU VOLUME MUSCULAIRE D'UN ETRE HUMAIN A L'AIDE D'ACIDE HYALURONIQUE**
[72] NAQVI, DAMIAN, CA
[72] HAGEL, JEFFREY, CA
[71] NAQVI, DAMIAN, CA
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[25] EN
[54] **POLYMER OVERMOLDED BARIATRIC CLAMP AND METHOD OF INSTALLING**
[54] **CLAMP BARIATRIQUE SURMOULE POLYMERE ET PROCEDE D'INSTALLATION**
[72] ARMENTEROS, JESUS R., DM
[72] JACOBS, MOISES, US
[72] FRENCH, KENNETH C., US
[71] ADVANCED BARIATRIC TECHNOLOGY, LLC, US
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[62] 2,880,155
[30] US (61/681,601) 2012-08-09
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[51] **Int.Cl. C07C 311/51 (2006.01) A61K 31/277 (2006.01)**
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[54] **POLYMORPHS OF ACYL SULFONAMIDES**
[54] **POLYMORPHES DE SULFONAMIDES D'ACYLE**
[72] DAVIDSON, JAMES PRENTICE, US
[72] MARTIN, MICHAEL, US
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