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Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES 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:

2,790,479
2,852,862
2,998,656

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

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

2,790,479
2,852,862
2,998,656

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 June 3, 2020

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1961***
For each additional sheet over 30	**$22**
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 3 juin 2020

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1961 $***
Pour chaque feuille au delà de 30	**22 $**
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*)) **$295**

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

* International fees will be reduced by:

- **$295** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$442** 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*)) **295 $**

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

* Les frais seront réduits de:

- **295 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **442 $** 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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8. Intellectual Property Acts, Rules and Regulation

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

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

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

1. Physical Delivery of Correspondence and Written Communications to CIPO

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

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

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

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

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

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

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

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

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

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

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

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

Le formulaire de paiements des frais devrait toujours être

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

Download the Fee Payment Form.

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

Téléchargez le formulaire de paiement des frais.

1.1 Designated Establishments

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

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

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

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

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

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

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

1.1 Établissements désignés

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

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

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

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

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

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

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

except statutory holiday

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

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

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

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

l'exception des jours fériés

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2. Electronic Correspondence

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

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

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

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

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

2. Correspondance électronique

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

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

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

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

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

open for business.

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

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

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

2.1 Facsimile

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

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

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

(819) 934-3833

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

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

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

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

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

2.1 Correspondance par télécopieur

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

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

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

(819) 934-3833

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

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

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

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

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

Patents

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

Brevets

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

2.2 Online

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

2.2 En ligne

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

Patents

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

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

Brevets

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

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

Canada as Receiving Office Under the PCT: PCT-SAFE

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

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

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

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

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

Trademarks

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

Marques de commerce

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

accessing the following pages:

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

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

Opposition proceedings before the Trademarks Opposition Board

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

Section 45 proceedings before the Trademarks Opposition Board

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

:

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

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

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

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

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

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

Copyright

Droits d'auteur

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^MC^, ou par Xpresspost^MC^ 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.

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.

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.

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.

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

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 15, 2020 contains applications open to public inspection from November 29, 2020 to December 5, 2020.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 15 décembre 2020 contient les demandes disponibles au public pour consultation pour la période du 29 novembre 2020 au 5 décembre 2020.

Canadian Patents Issued

December 15, 2020

Brevets canadiens délivrés

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[54] **STABLE SOLID FORMULATION OF A GC-C RECEPTOR AGONIST POLYPEPTIDE SUITABLE FOR ORAL ADMINISTRATION**
[54] **PREPARATION SOLIDE ET STABLE D'UN POLYPEPTIDE AGONISTE D'UN RECEPTEUR A ACTIVITE GCC DESTINE A UNE ADMINISTRATION ORALE**
[72] FRETZEN, ANGELIKA, US
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[54] **ISOLATED POLYNUCLEOTIDES AND POLYPEPTIDES, AND METHODS OF USING SAME FOR INCREASING NITROGEN USE EFFICIENCY, YIELD, GROWTH RATE, VIGOR, BIOMASS, OIL CONTENT, AND/OR ABIOTIC STRESSTOLERANCE**
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[54] **PROCEDE ET SYSTEME POUR LA SURETE, L'ANALYSE ET LA SUPERVISION DE L'ACTION D'UNE POMPE A INSULINE ET D'AUTRES MODES D'ADMINISTRATION DE L'INSULINE DANS DES CAS DE DIABETE**
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[54] **POLYPEPTIDES BIOSYNTHETIQUES EN PELOTE STATISTIQUE DE PROLINE/ALANINE ET LEURS UTILISATIONS**
[72] SKERRA, ARNE, DE
[72] BINDER, ULI, DE
[72] SCHLAPSCHY, MARTIN, DE
[73] XL-PROTEIN GMBH, DE
[73] TECHNISCHE UNIVERSITAET MUENCHEN, DE
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[54] **METHODS AND COMPOSITIONS FOR INTRANASAL DELIVERY**
[54] **PROCEDES ET COMPOSITIONS POUR ADMINISTRATION INTRANASALE**
[72] NAGATA, RYOICHI, JP
[72] HARUTA, SHUNJI, JP
[73] SHIN NIPPON BIOMEDICAL LABORATORIES, LTD., JP
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[54] **DISPOSITIF D'ACTIVATION DE BORNE DANS UN APPAREIL DE CONTROLE ELECTRIQUE DE TENSION MOYENNE**
[72] BELIN, YVES, FR
[73] SCHNEIDER ELECTRIC INDUSTRIES SAS, FR
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[54] **INNOVATIVE DISCOVERY OF THERAPEUTIC, DIAGNOSTIC, AND ANTIBODY COMPOSITIONS RELATED TO PROTEIN FRAGMENTS OF LEUCYL-TRNA SYNTHETASES**
[54] **DECOUVERTE INNOVANTE DE COMPOSITIONS THERAPEUTIQUES, DE DIAGNOSTIC, ET D'ANTICORPS ASSOCIEES A DES FRAGMENTS PROTEIQUES DE LEUCYL-ARNT SYNTHETASES**
[72] GREENE, LESLIE ANN, US
[72] CHIANG, KYLE P., US
[72] HONG, FEI, US
[72] VASSEROT, ALAIN P., US
[72] LO, WING-SZE, CN
[72] WATKINS, JEFFRY D., US
[72] QUINN, CHERYL L., US
[72] MENDLEIN, JOHN D., US
[73] ATYR PHARMA, INC., US
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[54] **APPARATUS AND METHODS FOR CONTENT DISTRIBUTION TO PACKET-ENABLED DEVICES VIA A NETWORK BRIDGE**
[54] **APPAREIL ET METHODES POUR DISTRIBUTION DU CONTENU A DES DISPOSITIFS POUVANT RECEVOIR DES PAQUETS PAR LE BIAIS D'UN PONT ENTRE RESEAUX**
[72] PFEFFER, HOWARD, US
[72] PACI, NOAH, US
[72] NAKHRE, TUSHAR, US
[72] DANFORTH, ANDREW, US
[73] TIME WARNER CABLE ENTERPRISES LLC, US
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[54] **MODIFIED RELAXIN POLYPEPTIDES AND THEIR USES**
[54] **POLYPEPTIDES DE RELAXINE MODIFIES ET LEURS UTILISATIONS**
[72] KRAYNOV, VADIM, US
[72] KNUDSEN, NICK, US
[72] HEWET, AMHA, US
[72] DE DIOS, KRISTINE, US
[72] PINKSTAFF, JASON, US
[72] SULLIVAN, LORRAINE, US
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[54] **DISPOSITIF D'INSERTION INTRA-UTERINE**
[72] FRANKENNE, FRANCIS, BE
[72] GERKENS, VINCENT, BE
[73] ODYSSEA PHARMA S.P.R.L., BE
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[54] **DRUG-ELUTING SELF-RETAINING SUTURES AND METHODS RELATING THERETO**
[54] **SUTURES A RETENUE AUTOMATIQUE ET ELUTION DE MEDICAMENT ET PROCEDES ASSOCIES**
[72] GROSS, JEFFREY M., CA
[72] DRUBETSKY, LEV, CA
[72] NAIMAGON, ALEXANDER, CA
[72] AVELAR, RUI, US
[72] D'AGOSTINO, WILLIAM L., US
[72] NELSON, KEVIN DON, US
[72] CROW, BRENT B., US
[72] GRIFFIN, NICKOLAS B., US
[73] ETHICON, LLC, US
[73] TISSUEGEN, INC., US
[85] 2013-04-26
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[54] **METHOD OF AND SYSTEM FOR PRINTING IN-WELL CALIBRATION FEATURES**
[54] **PROCEDE ET SYSTEME PERMETTANT D'IMPRIMER DES CARACTERISTIQUES DE CALIBRAGE DANS UN PUITS**
[72] HONKANEN, PETER, US
[72] BURNS, CHRISTINE A., US
[73] AUSHON BIOSYSTEMS, US
[85] 2013-05-17
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[54] **REINFORCED ARCH WITH FLOATING FOOTER AND METHOD OF CONSTRUCTING SAME**
[54] **ARCHE RENFORCEE A SEMELLE FLOTTANTE ET PROCEDE DE CONSTRUCTION DE CELLE-CI**
[72] VANBUSKIRK, CALVIN D., CA
[73] TERRATECH CONSULTING LTD., CA
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[87] (2818730)
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[54] **METHODS FOR THE PRODUCTION OF SYNTHETIC PROMOTERS WITH DEFINED SPECIFICITY**
[54] **PROCEDES DE PRODUCTION DE PROMOTEURS SYNTHETIQUES AYANT UNE SPECIFICITE DEFINIE**
[72] LOYALL, LINDA PATRICIA, DE
[72] KUHN, JOSEF MARTIN, DE
[72] SIEBERT, MALTE, DE
[73] BASF PLANT SCIENCE COMPANY GMBH, DE
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[54] **CONFISERIES CONGELEES COMPRENANT DES FIBRES D'AGRUME**
[72] JUDGE, DAVID JOHN, GB
[72] LITCHFIELD, TIMOTHY JOHN, GB
[72] WIX, LOYD, GB
[73] UNILEVER PLC, GB
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[54] **SUBSTITUTED PYRIDINONE-PYRIDINYL COMPOUNDS**
[54] **COMPOSES PYRIDINONE-PYRIDINYLE SUBSTITUES**
[72] SELNESS, SHAUN R., US
[72] MONAHAN, JOSEPH B., US
[72] SCHINDLER, JOHN F., US
[72] DEVADAS, BALEKUDRU, US
[73] ACLARIS THERAPEUTICS, INC., US
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[54] **ALGORITHME DE POSITION ET D'ORIENTATION POUR UN CAPTEUR A AXE UNIQUE**
[72] MONTAG, AVRAM DAN, IL
[73] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[86] (2820558)
[87] (2820558)
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[54] **HIGH-GLOSS SURFACE BY MEANS OF HOT-COATING**
[54] **SURFACE SUPERBRILLANTE PAR REVETEMENT A CHAUD**
[72] BECKER-WEIMANN, KLAUS, DE
[72] FANDREY, JENS, DE
[73] KLEBCHEMIE M.G. BECKER GMBH & CO. KG, DE
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[54] **INSTRUMENT ENDOSCOPIQUE**
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[72] CUNNINGHAM, JAMES S., US
[72] DICKHANS, WILLIAM J., US
[72] HEMPSTEAD, RUSSELL D., US
[72] LARSON, ERIC R., US
[72] KERR, DUANE E., US
[72] NAU, WILLIAM H., JR., US
[72] ROSS, ANTHONY B., US
[72] KAPPUS, JOHN J., US
[73] COVIDIEN LP, US
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[54] **HISTONE ACETYLTRANSFERASE MODULATORS AND USES THEREOF**
[54] **MODULATEURS DE L'HISTONE ACETYLTRANSFERASE ET LEURS UTILISATIONS**
[72] FRANCIS, YITSHAK, US
[72] FA, MAURO, US
[72] ARANCIO, OTTAVIO, US
[72] FIORITO, JOLE, US
[72] DENG, SHIXIAN, US
[72] LANDRY, DONALD W., US
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[72] FENG, YAN, CN
[73] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
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[54] **METHOD FOR CORRECTING MESSAGES CONTAINING BIT STUFFING**
[54] **PROCEDE DE CORRECTION DE MESSAGES CONTENANT DES BITS DE BOURRAGE**
[72] PREVOST, RAOUL, FR
[72] BONACCI, DAVID, FR
[72] COULON, MARTIAL, FR
[72] TOURNERET, JEAN-YVES, FR
[72] LE MAITRE, JULIA, FR
[72] MILLERIOUX, JEAN-PIERRE, FR
[73] CENTRE NATIONAL D'ETUDES SPATIALES, FR
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[54] **APPAREIL DE VAPEUR SECHE POUR LE CONTROLE DES INSECTES NUISIBLES ET LE NETTOYAGE**
[72] VASUDEVA, KAILASH C., CA
[73] BUG ELIMINATION AND PREVENTION CORPORATION, CA
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[54] **IMPLANTS AMELIORANT LA COAPTATION, ET SYSTEMES ET METHODES AFFERENTS**
[72] KHAIRKHAHAN, ALEX, US
[72] LESH, MICHAEL D., US
[73] POLARES MEDICAL INC., US
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[54] **FORCE SENSOR AND METHOD FOR TESTING ITS RELIABILITY**
[54] **CAPTEUR DE FORCE ET PROCEDE POUR EN TESTER LA FIABILITE**
[72] BROILLET, BERNARD, CH
[72] MAILLARD, BENOIT, CH
[73] MEGGITT SA, CH
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[54] **TRANSPARENT INFRARED ABSORBING MATERIALS**
[54] **MATERIAUX TRANSPARENTS ABSORBANT LE RAYONNEMENT INFRAROUGE**
[72] SUBRAMANIAN, PRIYA, AU
[72] JACKSON, WAYNE KEVIN, AU
[72] BATEMAN, STUART ARTHUR, AU
[72] CASEY, PHILIP STEPHEN, AU
[72] HARRIS, DOMINIC RICHARD, AU
[73] RESERVE BANK OF AUSTRALIA, AU
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[54] **LAMINATED TISSUE GRAFTS COMPOSED OF WHARTON'S JELLY AND METHODS OF MAKING AND USING THE SAME**
[54] **GREFFONS TISSULAIRES STRATIFIES CONSTITUES DE GELEE DE WHARTON ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] MORSE, BRENDA S., US
[72] SITH, SOMALY, US
[72] SPENCER, RANDALL, US
[72] DANIEL, JOHN, US
[72] TOFE, ROBERT, US
[73] MIMEDX GROUP INC., US
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[25] EN
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[54] **CARENAGE D'AILERON POUR GODET D'ENGIN DE TERRASSEMENT, GODET ET ENGIN DE TERRASSEMENT**
[72] VICQ, MARTIAL, FR
[72] WEBER, GERARD, FR
[72] WEISS, OLIVER, FR
[73] LIEBHERR-MINING EQUIPMENT COLMAR SAS, FR
[86] (2827089)
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[54] **MOLECULES DE LIAISON BISPECIFIQUES SE LIANT A VEGF ET A ANG2**
[72] GSCHWIND, ANDREAS, DE
[72] OTT, RENE GEORG, DE
[72] BOUCNEAU, JOACHIM, BE
[72] BUYSE, MARIE-ANGE, BE
[72] DEPLA, ERIK, BE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **SYSTEME DE PASSERELLE MECANISEE ET AUTOMATISEE**
[72] YORGA, ERICA PATRICIA, CA
[72] JACKSON, DERRICK, CA
[72] KNAPP, PAUL, CA
[72] RICHARD, DAVE, CA
[72] YIN, MINHAO, CA
[72] MILLER, HAROLD JAMES, CA
[73] KEY ENERGY SERVICES, LLC, US
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[87] (2833729)
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[30] US (61/728,156) 2012-11-19

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[25] EN
[54] **METHODS OF MECHANIZED AND AUTOMATED TRIPPING OF RODS AND TUBULARS**
[54] **PROCEDES DE MANOEUVRE MECANISE ET AUTOMATISE DE TIGES ET DE TUBULAIRES**
[72] YORGA, DERREK, CA
[72] JACKSON, DERRICK, CA
[72] KNAPP, PAUL, CA
[72] RICHARD, DAVE, CA
[72] YIN, MINHAO, CA
[72] MILLER, HAROLD JAMES, CA
[73] KEY ENERGY SERVICES, LLC, US
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[87] (2833745)
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[30] US (61/728,156) 2012-11-19

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[54] **ARBRE DE REFROIDISSEMENT A L'AIR A L'INTERFACE DE PALIER**
[72] WATSON, JOHN, CA
[72] BOUCHARD, GUY, CA
[72] BLAIS, DANIEL, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2834870)
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[13] C
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[25] EN
[54] **METHOD FOR SPEEDING UP PLANT GROWTH AND IMPROVING YIELD BY ALTERING EXPRESSION LEVELS OF KINASES**
[54] **METHODE D'ACCELERATION DE LA CROISSANCE VEGETALE ET D'AMELIORATION DU RENDEMENT EN MODIFIANT LES NIVEAUX D'EXPRESSION DES KINASES**
[72] LIM, BOON LEONG, CN
[73] VERSITECH LIMITED, CN
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[54] **METHOD FOR MANAGING SHOTS IN A MULTI-VESSEL SEISMIC SYSTEM.**
[54] **METHODE DE GESTION DES TIRS DANS UN SYSTEME SISMIQUE MULTIFEU.**
[72] RENAUD, DIDIER, FR
[73] SERCEL, FR
[86] (2835096)
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[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING AN ERROR IN THE ESTIMATION OF THE TIME TAKEN TO CROSS THE IONOSPHERE**
[54] **METHODE ET SYSTEME PERMETTANT DE DETERMINER UNE ERREUR DANS L'ESTIMATION DU TEMPS PRIS POUR TRAVERSER L'IONOSPHERE**
[72] TRILLES, SEBASTIEN, FR
[73] THALES, FR
[86] (2835420)
[87] (2835420)
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[54] **AN ASSEMBLY AND METHOD FOR DISPLAY DEVICE MOUNTING**
[54] **ASSEMBLAGE ET PROCEDE POUR FIXATION DE DISPOSITIF D'AFFICHAGE**
[72] SHAH, SHRENIK, US
[72] CHOU, CHIH-WEI, US
[73] PANASONIC AVIONICS CORPORATION, US
[86] (2835555)
[87] (2835555)
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[54] **INJECTION OF AN ADDITIVE FROM A SYNTHESIS GAS INTO A SYNTHESIS UNIT FOR HYDROCARBONS ENABLING A HOMOGENOUS CONCENTRATION OF A CATALYST TO BE MONITORED AND MAINTAINED**
[54] **INJECTION D'ADDITIF DANS UNE UNITE DE SYNTHESE D'HYDROCARBURES A PARTIR DE GAZ DE SYNTHESE PERMETTANT DE CONTROLER ET MAINTENIR UNE CONCENTRATION HOMOGENE EN CATALYSEUR**
[72] HERAUD, JEAN-PHILIPPE, FR
[72] FORRET, ANN, FR
[72] GAZARIAN, JEREMY, FR
[72] MARION, MARIE-CLAIRE, FR
[72] LECOCQ, VINCENT, FR
[72] BOUCHER, SEBASTIEN, FR
[72] DELLA TORRE, CHIARA, IT
[72] MIGNONE, ELSA, IT
[73] ENI S.P.A., IT
[73] IFP ENERGIES NOUVELLES, FR
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[54] **CARBON SEAL ASSEMBLY**
[54] **ENSEMBLE DE JOINT AU CARBONE**
[72] ROBERTS, IVOR JOHN, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[87] (2836076)
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[54] **DOWNHOLE TOOL APPARATUS WITH SLIP PLATE AND WEDGE**
[54] **APPAREIL FORMANT OUTIL DE FOND DE TROU A PLAQUE DE GLISSEMENT ET COIN**
[72] GREENLEE, DONALD J., US
[72] GREENLEE, DONALD R., US
[73] NINE DOWNHOLE TECHNOLOGIES, LLC, US
[86] (2836295)
[87] (2836295)
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[25] EN
[54] **LIGHTNING CONDUCTOR SYSTEM COMPRISING A LIGHTNING CONDUCTOR STRIP MOUNTED IN AN OFFSET MANNER**
[54] **SYSTEME PARATONNERRE COMPRENANT UNE BANDE PARATONNERRE MONTEE D'UNE MANIERE DECALEE**
[72] MARTY, JEAN-CLAUDE, FR
[72] FOURNIE, JACQUES, FR
[72] BERNUS, CHRISTOPHE, FR
[72] DUPAS, THONY, FR
[73] AIRBUS OPERATIONS (SAS), FR
[86] (2836694)
[87] (2836694)
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[54] **COMPOUNDS FOR TARGETING DRUG DELIVERY AND ENHANCING SIRNA ACTIVITY**
[54] **COMPOSES POUR L'ADMINISTRATION DE MEDICAMENT CIBLEE ET L'AUGMENTATION DE L'ACTIVITE ARNSI**
[72] KARMALI, PRIYA, US
[72] SRIDHAR, C. NAGARAJAN, US
[72] NIITSU, YOSHIRO, JP
[72] HOU, ZHENG, US
[72] GAUDETTE, JOHN A., US
[72] KNOPOV, VICTOR, US
[72] AHMADIAN, MOHAMMAD, US
[72] TANAKA, YASUNOBU, JP
[72] AKOPIAN, VIOLETTA, US
[72] PAYNE, JOSEPH E., US
[72] WITTE, RICHARD P., US
[72] PERELMAN, LOREN A., US
[73] NITTO DENKO CORPORATION, JP
[85] 2013-11-21
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[25] EN
[54] **NOVEL PROCESSES FOR THE PREPARATION OF PROSTAGLANDIN AMIDES**
[54] **NOUVEAU PROCEDE POUR LA PREPARATION D'AMIDES DE PROSTAGLANDINES**
[72] HAVASI, GABOR, HU
[72] KISS, TIBOR, HU
[72] HORTOBAGYI, IREN, HU
[72] KARDOS, ZSUZSANNA, HU
[72] LASZLOFI, ISTVAN, HU
[72] BISCHOF, ZOLTAN, HU
[72] BODIS, ADAM, HU
[73] CHINOIN ZRT., HU
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[25] EN
[54] **ORAL FORMULATIONS OF MITOCHONDRIALLY-TARGETED ANTIOXIDANTS AND THEIR PREPARATION AND USE**
[54] **FORMULATIONS ORALES D'ANTIOXYDANTS CIBLES SUR LES MITOCHONDRIES ET LEUR PREPARATION ET LEUR UTILISATION**
[72] SKULACHEV, MAXIM V., RU
[72] SKULACHEV, VLADIMIR P., RU
[72] ZAMYATNIN, ANDREY A., RU
[72] EFREMOV, EUGENY S., RU
[72] TASHLITSKY, VADIM N., RU
[72] ZINOVKIN, ROMAN A., RU
[72] EGOROV, MAXIM V., RU
[72] FRIEDHOFF, LAWRENCE T., US
[72] PLETUSHKINA, OLGA Y., RU
[72] ANDREEV-ANDRIEVSKY, ALEXANDER A., RU
[72] ZINEVICH, TATIANA V., RU
[73] MITOTECH SA, LU
[85] 2013-11-25
[86] 2012-06-04 (PCT/US2012/040711)
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[54] **CONTINUOUS ETHYLENE OLIGOMERIZATION WITH IN-SITU CATALYST PREPARATION**
[54] **OLIGOMERISATION CONTINUE D'ETHYLENE AVEC PREPARATION DE CATALYSEUR IN SITU**
[72] ZORICAK, PETER, CA
[72] BROWN, STEPHEN JOHN, CA
[73] NOVA CHEMICALS CORPORATION, CA
[86] (2837590)
[87] (2837590)
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[25] EN
[54] **METHODS AND DEVICES FOR SOFT PALATE TISSUE ELEVATION PROCEDURES**
[54] **PROCEDES ET DISPOSITIFS POUR PROCEDURES D'ELEVATION DU VOILE DU PALAIS**
[72] PAUL, MALCOLM D., US
[72] GROSS, JEFFREY M., US
[73] ETHICON LLC, US
[85] 2013-12-06
[86] 2012-06-06 (PCT/US2012/041001)
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[25] EN
[54] **METHODS OF TREATING OR PREVENTING RHEUMATIC DISEASE**
[54] **METHODES DE TRAITEMENT OU DE PREVENTION D'UNE MALADIE RHUMATISMALE**
[72] GHOSH, PETER, AU
[72] ITESCU, SILVIU, AU
[73] MESOBLAST, INC., US
[85] 2013-12-13
[86] 2012-07-04 (PCT/AU2012/000799)
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[54] **SOLID COSMETIC COMPOSITION HAVING DISPERSED THEREIN GAS BUBBLES**
[54] **COMPOSITION COSMETIQUE SOLIDE RENFERMANT DES BULLES DE GAZ DISPERSEES**
[72] AMBROSEN, HELEN ELIZABETH, GB
[72] CONSTANTINE, MARGARET JOAN, GB
[72] CONSTANTINE, MARK, GB
[73] COSMETIC WARRIORS LTD, GB
[85] 2013-12-17
[86] 2012-06-21 (PCT/GB2012/051440)
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[54] **DUAL COIL FOR ELECTROMAGNETIC SOUNDING OF LAYERED EARTH**
[54] **DOUBLE BOBINE POUR SONDAGE ELECTROMAGNETIQUE DE TERRE STRATIFIEE**
[72] BOSNAR, MIROSLAV, CA
[73] GEONICS LIMITED, CA
[86] (2840311)
[87] (2840311)
[22] 2014-01-20
[30] US (61/865,241) 2013-08-13
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[25] EN
[54] **UNIFIED PLATFORM FOR MONITORING AND CONTROL OF BLOOD GLUCOSE LEVELS IN DIABETIC PATIENTS**
[54] **PLATEFORME UNIFIEE POUR LA SURVEILLANCE ET LA REGULATION DES NIVEAUX DE GLUCOSE DANS LE SANG CHEZ DES PATIENTS DIABETIQUES**
[72] KOVATCHEV, BORIS P., US
[72] KEITH-HYNES, PATRICK T., US
[72] BRETON, MARC D., US
[72] PATEK, STEPHEN D., US
[73] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
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[51] **Int.Cl. A01N 1/02 (2006.01)**
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[54] **A SYSTEM FOR EXTENDED STORAGE OF RED BLOOD CELLS AND METHODS OF USE**
[54] **SYSTEME POUR LE STOCKAGE PROLONGE DES ERYTHROCYTES ET PROCEDES D'UTILISATION**
[72] YOSHIDA, TATSURO, US
[72] VERNUCCI, PAUL, US
[73] HEMANEXT INC., US
[85] 2014-01-02
[86] 2012-07-03 (PCT/US2012/045426)
[87] (WO2013/006631)
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[25] EN
[54] **CRYSTALLINE (1R,4R)-6'-FLUORO-N,N-DIMETHYL-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO[CYCLOHEXANE-1,1'-PYRANO[3,4,B]INDOL]-4-AMINE**
[54] **FORMES CRISTALLINES DE (1R,4R)-6'-FLUORO-N,N-DIMETHYL-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO[CYCLOHEXANE-1,1'-PYRANO[3,4,B]INDOL]-4-AMINE**
[72] GRUSS, MICHAEL, DE
[72] PRUHS, STEFAN, DE
[72] KLUGE, STEFAN, CH
[73] GRUNENTHAL GMBH, DE
[85] 2014-01-06
[86] 2012-07-06 (PCT/EP2012/002839)
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[54] **BIOMARKERS FOR NON-HODGKIN LYMPHOMAS AND USES THEREOF**
[54] **BIOMARQUEURS POUR LYMPHOMES NON HODGKINIENS ET LEURS UTILISATIONS**
[72] MORIN, RYAN D., CA
[72] MARRA, MARCO A., CA
[72] MUNGALL, ANDREW J., CA
[72] HIRST, MARTIN, CA
[72] MENDEZ-LAGO, MARIA, CA
[72] GASCOYNE, RANDY D., CA
[72] CONNORS, JOSEPH M., CA
[73] BRITISH COLUMBIA CANCER AGENCY BRANCH, CA
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[25] EN
[54] **ABSORBENT LIQUID CONTROL STRIP**
[54] **BANDE ABSORBANTE POUR REPRIMER DES LIQUIDES**
[72] FASCIO, CARLO, CA
[73] CAN-ROSS ENVIRONMENTAL SERVICES LTD., CA
[86] (2841469)
[87] (2841469)
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[25] EN
[54] **SYSTEM AND METHOD FOR RECOVERY OF BITUMEN FROM FRACTURED CARBONATE RESERVOIRS**
[54] **SYSTEME ET PROCEDE DE RECUPERATION DE BITUME A PARTIR DE RESERVOIRS DE CARBONATES FRACTURES**
[72] YANG, DANIEL, CA
[72] HOSSEININEJAD, MOSLEM, CA
[72] BRAND, STEPHEN, CA
[72] EDMUNDS, NEIL, CA
[72] RIVA, DARCY, CA
[72] WEI, WEI, CA
[73] CANADIAN NATURAL RESOURCES LIMITED, CA
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[25] EN
[54] **GENETICALLY MODIFIED PHAGE AND USE THEREOF**
[54] **PHAGE GENETIQUEMENT MODIFIE ET SON UTILISATION**
[72] SZPIRER, CEDRIC, BE
[73] DELPHI GENETICS, BE
[85] 2014-01-06
[86] 2012-07-06 (PCT/EP2012/063244)
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[54] **PANSEMENTS A PRESSION REDUITE**
[72] ROBINSON, TIMOTHY MARK, GB
[72] LOCKE, CHRISTOPHER BRIAN, GB
[73] KCI LICENSING, INC., US
[85] 2014-01-06
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[30] US (61/514,801) 2011-08-03

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[25] EN
[54] **DRAPER BELT PLATFORM WITH ADDITIONAL CONVEYOR IN TRANSITION AREA**
[54] **PLATEFORME A COURROIE DE CONVOYEUR A TOILE AVEC CONVOYEUR SUPPLEMENTAIRE DANS UNE ZONE DE TRANSITION**
[72] YANKE, BRYAN R., US
[72] HOFFMAN, DANIEL S., US
[72] WHITE, MATTHEW R., US
[72] LOVETT, BENJAMIN M., US
[72] LOFF, KRIS, US
[73] DEERE & COMPANY, US
[86] (2843017)
[87] (2843017)
[22] 2014-02-14
[30] US (13/780,429) 2013-02-28

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[51] **Int.Cl. B23Q 16/00 (2006.01) B23Q 17/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR POSITIONING ERROR COMPENSATION DURING MANUFACTURING OF COMPLEX-SHAPED GAS TURBINE ENGINE PARTS**
[54] **SYSTEME ET PROCEDE DE COMPENSATION D'ERREURS DE POSITIONNEMENT DURANT LA FABRICATION DE PIECES DE TURBINE A GAZ DE FORME COMPLEXE**
[72] LI, YUWEN, CA
[72] ELFIZY, AMR, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **STONE SAW**
[54] **SCIE A PIERRES**
[72] KAHKONEN, MARKO, FI
[72] KAHKONEN, MIKA, FI
[73] NURMEKSEN TYOSTO JA TARVIKE OY, FI
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[54] **RESPONSIVE LOAD CONTROL METHOD**
[54] **PROCEDE DE CONTROLE DE CHARGE SENSIBLE**
[72] BLOOR, KATIE, GB
[72] ROUSSOPOULOS, KIMON, GB
[73] OPEN ENERGI LIMITED, GB
[85] 2014-01-31
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[54] **AVALANCHE PULSER**
[54] **GENERATEUR D'IMPULSIONS A AVALANCHE**
[72] BANDELL, HOWARD M., US
[73] CHEMRING SENSORS AND ELECTRONIC SYSTEMS, INC., US
[85] 2014-02-14
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[54] **A LIQUID METAL COMPOSITION**
[54] **COMPOSITION DE METAL LIQUIDE**
[72] DECEMBER, TIMOTHY, US
[72] MENOVCIK, GREGORY, US
[72] SWAIN, SCOTT, US
[72] CZORNIJ, ZENON PAUL, US
[72] MCDERMOTT, BRIAN, US
[72] LALAMA, MARK, US
[72] DUDEK, PAUL, US
[72] FRYE, JOSEPH, US
[73] BASF COATINGS GMBH, DE
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[25] EN
[54] **SUSTAINED RELEASE DELIVERY OF ACTIVE AGENTS TO TREAT GLAUCOMA AND OCULAR HYPERTENSION**
[54] **ADMINISTRATION A LIBERATION PROLONGEE D'AGENTS ACTIFS POUR TRAITER LE GLAUCOME ET L'HYPERTENSION OCULAIRE**
[72] CADDEN, SUZANNE, CA
[72] HAO, YONG, CA
[72] UTKHEDE, DEEPANK, CA
[72] RUBINCHIK, VALERY, CA
[72] KJELLBOTN, CHARLES RICHARD, CA
[73] MATI THERAPEUTICS INC., US
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[54] **SYSTEME DE CONTROLE D'UN APPAREIL DE TRAITEMENT DE L'EAU**
[72] KOVACH, JEROME P., US
[72] PARK, STUART L., US
[72] RED, FRANCIS A., US
[72] BROWN, KEITH E., US
[72] KEWLEY, JAMES W., US
[72] JORDAN, GEORGE R., JR., US
[72] HUNT, JIMMIE L., JR., US
[72] SPANGENBERG, DALE J., JR., US
[73] KINETICO INCORPORATED, US
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[54] **CONTROLLABLE INFLATION PROFILE BALLOON COVER APPARATUS AND METHODS**
[54] **APPAREIL ENTOURANT UN BALLON POUR ASSURER UN PROFIL DE GONFLAGE CONTROLABLE, ET PROCEDES**
[72] CAMPBELL, CAREY V., US
[72] GOEPFRICH, JAMES L., US
[72] HEDBERG, BRANDON C., US
[72] TRAPP, BENJAMIN M., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2014-02-26
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[54] **TETE DE CYLINDRE A SECURITE**
[72] TOMASKO, JOHN, IE
[72] BRAZIER, GEOFFREY, US
[73] BS&B SAFETY SYSTEMS LIMITED, IE
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[54] **INDUSTRIAL WATER PURIFICATION AND DESALINATION**
[54] **PURIFICATION ET DESSALEMENT DES EAUX INDUSTRIELLES**
[72] THIERS, EUGENE, US
[73] SYLVAN SOURCE, INC., US
[85] 2014-03-05
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[54] **SIALIC ACID ANALOGS**
[54] **ANALOGUES DE L'ACIDE SIALIQUE**
[72] KAKKIS, EMIL, US
[72] JUNGLES, STEVEN, US
[72] ZHAO, HE, US
[73] ULTRAGENYX PHARMACEUTICAL INC., US
[85] 2014-03-18
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[54] **ANTICORPS GLYCOSYLES**
[72] HANSEN, SILKE, DE
[72] KUENKELE, KLAUS-PETER, DE
[72] REUSCH, DIETMAR, DE
[72] SCHUMACHER, RALF, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **USE OF STRIGOLACTONES AND STRIGOLACTONE ANALOGS FOR TREATING PROLIFERATIVE CONDITIONS**
[54] **UTILISATION DE STRIGOLACTONES ET D'ANALOGUES DE STRIGOLACTONE POUR TRAITER DES AFFECTIONS PROLIFERATIVES**
[72] KAPULNIK, YORAM, IL
[72] KOLTAI, HINANIT, IL
[72] YARDEN, RONIT, US
[72] PRANDI, CRISTINA, IT
[73] THE STATE OF ISRAEL, MINISTRY OF AGRICULTURE & RURAL DEVELOPMENT, AGRICULTURAL RESEARCH ORGANIZATION (ARO) (VOLCANI CENTER), IL
[73] GEORGETOWN UNIVERSITY, US
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[54] **MANAGING MAP ELEMENTS USING AGGREGATE FEATURE IDENTIFIERS**
[54] **GESTION D'ELEMENTS DE CARTE A L'AIDE D'IDENTIFIANTS DE CARACTERISTIQUE AGREGEE**
[72] MAURER, JENNIFER, US
[72] CORNELL, BRIAN, US
[72] OTERO, DANIEL, US
[73] GOOGLE LLC, US
[85] 2014-03-25
[86] 2012-09-25 (PCT/US2012/057099)
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[25] EN
[54] **METHODS AND SYSTEMS FOR A DYNAMIC SUPPORT MATTRESS TO TREAT AND REDUCE THE INCIDENCE OF PRESSURE ULCERS**
[54] **METHODES ET SYSTEMES POUR UN MATELAS DE SUPPORT DYNAMIQUE PERMETTANT DE TRAITER ET DE REDUIRE LA FREQUENCE DES ULCERES DE PRESSION**
[72] DYEVICH, MICHAEL, US
[72] BUTLER, GLENN, US
[73] OFFLOADING TECHNOLOGIES, INC., US
[85] 2014-03-26
[86] 2012-09-28 (PCT/US2012/058028)
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[54] **COMBINATION MEDICAMENT COMPRISING IL-12 AND AN AGENT FOR BLOCKADE OF T-CELL INHIBITORY MOLECULES FOR TUMOUR THERAPY**
[54] **COMBINAISON MEDICAMENTEUSE COMPRENANT DE L'IL-12 ET UN AGENT DE BLOCAGE DE MOLECULES INHIBITRICES DES LYMPHOCYTES T POUR UNE THERAPIE ANTI-TUMORALE**
[72] BECHER, BURKHARD, CH
[72] VOM BERG, JOHANNES, CH
[73] UNIVERSITAT ZURICH PROREKTORAT MNW, CH
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[54] **METHOD AND APPARATUS FOR SELECTING NEIGHBOR CELLS IN MOBILE COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL POUR SELECTIONNER DES CELLULES VOISINES DANS UN SYSTEME DE COMMUNICATION MOBILE**
[72] JANG, JAE HYUK, KR
[72] KIM, SOENG HUN, KR
[72] JEONG, KYEONG IN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2014-04-01
[86] 2012-10-04 (PCT/KR2012/008033)
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[54] **BAG CONTAINING BICARBONATE POWDER**
[54] **SAC CONTENANT DE LA POUDRE DE BICARBONATE DE SOUDE**
[72] SCALA, MAURIZIO, IT
[72] PUVIANI, FABRIZIO, IT
[72] LUPOTTI, MARCO, IT
[72] TORTOLA, RAFFAELLO, IT
[73] BELLCO S.R.L., IT
[86] (2852778)
[87] (2852778)
[22] 2014-05-28
[30] IT (BO2013A000266) 2013-05-28

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[54] **CONVERT FROM ZONED FORMAT TO DECIMAL FLOATING POINT FORMAT**
[54] **CONVERSION DANS UN FORMAT A VIRGULE FLOTTANTE DECIMALE A PARTIR D'UN FORMAT DE ZONE**
[72] CARLOUGH, STEVEN, US
[72] SCHWARZ, ERIC MARK, US
[72] SLEGEL, TIMOTHY, US
[72] GAINEY, CHARLES, JR., US
[72] MITRAN, MARCEL, CA
[72] COPELAND, REID, CA
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[25] EN
[54] **PRESSURIZED WATER REACTOR WITH UPPER VESSEL SECTION PROVIDING BOTH PRESSURE AND FLOW CONTROL**
[54] **REACTEUR A EAU SOUS PRESSION AYANT UNE SECTION DE CUVE SUPERIEURE FOURNISSANT A LA FOIS UNE REGULATION DE PRESSION ET D'ECOULEMENT**
[72] SHARGOTS, SCOTT J., US
[73] BWXT MPOWER, INC., US
[85] 2014-04-23
[86] 2012-09-28 (PCT/US2012/057840)
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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4985 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTICANCER PYRIDOPYRAZINES VIA THE INHIBITION OF FGFR KINASES**
[54] **PYRIDOPYRAZINES ANTI-CANCEREUSES PAR L'INHIBITION DE KINASES DE FGFR**
[72] BERDINI, VALERIO, GB
[72] SAXTY, GORDON, HR
[72] ANGIBAUD, PATRICK RENE, FR
[72] QUEROLLE, OLIVIER ALEXIS GEORGES, FR
[72] PONCELET, VIRGINIE SOPHIE, FR
[72] ROUX, BRUNO, FR
[72] MEERPOEL, LIEVEN, BE
[73] ASTEX THERAPEUTICS LIMITED, GB
[85] 2014-04-24
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[25] EN
[54] **BUCKET SCOOP AND CLEANER/SCRAPER**
[54] **PELLE A SEAU ET NETTOYEUR/RACLEUR**
[72] MORTON, RONALD J., US
[73] BUDDY TOOLS, LLC, US
[86] (2854057)
[87] (2854057)
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[25] EN
[54] **STEP APPARATUS**
[54] **DISPOSITIF DE SEUIL**
[72] BOGUSLAWSKI, JOHN, US
[73] BOSSKI, INC., US
[86] (2854121)
[87] (2854121)
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[51] **Int.Cl. A61M 1/00 (2006.01)**
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[54] **REDUCED PRESSURE THERAPY APPARATUSES AND METHODS OF USING SAME**
[54] **APPAREILS DE THERAPIE PAR PRESSION REDUITE ET LEURS PROCEDES D'UTILISATION**
[72] ADIE, GORDON CAMPBELL, GB
[72] ALLEN, JULIE, GB
[72] BEADLE, VICTORIA, GB
[72] COLLINSON, SARAH JENNY, GB
[72] FRYER, CHRISTOPHER JOHN, GB
[72] HARTWELL, EDWARD YERBURY, GB
[72] JENNINGS, ELIZABETH ANNE FYFE, GB
[72] NICOLINI, DEREK, GB
[72] PERON, YANNICK LOUIS, GB
[73] SMITH & NEPHEW PLC, GB
[85] 2014-05-01
[86] 2011-11-02 (PCT/IB2011/002943)
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[54] **CONTAINER WITH INSERT**
[54] **RECIPIENT COMPORTANT UN INSERT**
[72] FREEDMAN, JONATHAN R., US
[72] ABRAMS, WILLIAM, US
[72] BELFANCE, JOHN, US
[73] CSP TECHNOLOGIES, INC., US
[85] 2014-05-06
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[30] US (61/557,642) 2011-11-09
[30] US (61/585,367) 2012-01-11
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[54] **DEVICE FOR IMPLANTING A BONE FIXATION SYSTEM**
[54] **DISPOSITIF D'IMPLANTATION D'UN SYSTEME DE FIXATION ORTHOPEDIQUE**
[72] OSWALD, MARTIN, CN
[72] OVERES, TOM, CH
[72] MUELLER, DAVID, CH
[73] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2014-05-12
[86] 2012-11-19 (PCT/CN2012/001563)
[87] (WO2013/071701)
[30] US (61/561,439) 2011-11-18
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[25] EN
[54] **HEATING DEVICE**
[54] **DISPOSITIF DE CHAUFFAGE**
[72] COOL, PETER JAN, NL
[73] INTERGAS HEATING ASSETS B.V., NL
[85] 2014-05-08
[86] 2013-02-04 (PCT/NL2013/050057)
[87] (WO2013/115648)
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[51] **Int.Cl. G06F 9/54 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING NOTIFICATIONS IN DIALYSIS SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE DE NOTIFICATIONS DANS DES SYSTEMES DE DIALYSE**
[72] DOYLE, MATTHEW J., US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2014-05-15
[86] 2012-11-15 (PCT/US2012/065248)
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[54] **ROTARY SWITCHABLE MULTI-CORE ELEMENT PERMANENT MAGNET-BASED APPARATUS**
[54] **APPAREIL BASE SUR UN AIMANT PERMANENT A ELEMENT MULTI-NOYAUX COMMUTABLE ROTATIF**
[72] MICHAEL, JIM G., US
[73] CREATIVE ENGINEERING SOLUTIONS, INC., US
[85] 2014-05-15
[86] 2012-11-28 (PCT/US2012/066834)
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[51] **Int.Cl. G05B 19/4155 (2006.01) A61J 3/00 (2006.01) B01F 13/00 (2006.01)**
[25] EN
[54] **METHOD FOR POWDERED DRUG RECONSTITUTION**
[54] **PROCEDE POUR LA RECONSTITUTION DE MEDICAMENT EN POUDRE**
[72] FIORAVANTI, FABIO, IT
[72] BIANCO, WALTER, IT
[72] MARINKOVIC, SASA, IT
[72] KUCICH, GABRIELE, IT
[73] OMNICELL, INC., US
[85] 2014-05-30
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[25] EN
[54] **E-SELECTIN ANTAGONIST COMPOUNDS, COMPOSITIONS, AND METHODS OF USE**
[54] **COMPOSES ANTAGONISTES DE LA SELECTINE E, COMPOSITIONS ET METHODES D'UTILISATION**
[72] MAGNANI, JOHN L., US
[72] SARKAR, ARUN K., US
[72] BAEK, MYUNG-GI, US
[72] ANDERSON, FRANK E., III, US
[72] LI, YANHONG, US
[73] GLYCOMIMETICS, INC., US
[85] 2014-06-03
[86] 2012-12-21 (PCT/US2012/071519)
[87] (WO2013/096926)
[30] US (61/579,646) 2011-12-22
[30] US (61/583,547) 2012-01-05
[30] US (61/704,399) 2012-09-21
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[54] **PYRIDONE DERIVATIVE AND PHARMACEUTICAL CONTAINING SAME**
[54] **DERIVE DE PYRIDONE ET PRODUIT PHARMACEUTIQUE RENFERMANT LEDIT DERIVE**
[72] KAMEI, NORIYUKI, JP
[72] SUMIKAWA, YOSHITAKE, JP
[72] KAMIMURA, DAIGO, JP
[72] TODO, SHINGO, JP
[72] YAMADA, TAKUYA, JP
[72] TOKUOKA, SHOTA, JP
[73] KAKEN PHARMACEUTICAL CO., LTD., JP
[85] 2014-06-03
[86] 2012-12-07 (PCT/JP2012/081735)
[87] (WO2013/085016)
[30] JP (2011-270492) 2011-12-09

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[13] C
[51] **Int.Cl. C10G 31/06 (2006.01)**
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[54] **HEAVY OILS HAVING REDUCED TOTAL ACID NUMBER AND OLEFIN CONTENT**
[54] **PETROLES BRUTS COMPORTANT UN INDICE D'ACIDE ET UNE TENEUR EN OLEFINES TOTAUX REDUITS**
[72] DEHKISSIA, SOUMAINE, CA
[72] CHRONOPOULOS, CHRISTOS, CA
[72] CHORNET, MICHEL, CA
[72] FRECHETTE, JEAN, CA
[73] FRACTAL SYSTEMS, INC., CA
[86] (2858705)
[87] (2858705)
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[30] US (61/864,118) 2013-08-09

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[13] C
[51] **Int.Cl. B60N 2/90 (2018.01) B60N 2/68 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **VEHICLE SEAT**
[54] **SIEGE DE VEHICULE**
[72] LAMBERT, TREVOR EDOUARD, GB
[73] LAMBERT, TREVOR EDOUARD, GB
[85] 2014-06-11
[86] 2012-12-14 (PCT/GB2012/053141)
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[30] GB (1121706.4) 2011-12-16

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[25] EN
[54] **ARTICLES INCLUDING ANTICONDENSATION AND/OR LOW-E COATINGS AND/OR METHODS OF MAKING THE SAME**
[54] **ARTICLES COMPRENANT DES REVETEMENTS ANTICONDENSATION ET/OU A FAIBLE E ET/OU LEURS PROCEDES DE REALISATION**
[72] LEMMER, JEAN-MARC, US
[72] MURPHY, NESTOR, US
[72] MCLEAN, DAVID D., US
[72] BLACKER, RICHARD, US
[72] LAGE, HERBERT, LU
[72] FERREIRA, JOSE, LU
[72] PALLOTA, PIERRE, FR
[73] GUARDIAN EUROPE SARL, LU
[73] GUARDIAN GLASS LLC, US
[85] 2014-06-11
[86] 2012-12-13 (PCT/US2012/069427)
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[30] US (13/333,183) 2011-12-21

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[13] C
[51] **Int.Cl. C10M 169/06 (2006.01) C10M 119/12 (2006.01) C10M 143/00 (2006.01) C10M 159/20 (2006.01) C10M 165/00 (2006.01) C10M 169/00 (2006.01)**
[25] EN
[54] **AUTOMOTIVE TRANSMISSION FLUID COMPOSITIONS FOR IMPROVED ENERGY EFFICIENCY**
[54] **COMPOSITIONS DE FLUIDES DE TRANSMISSION POUR AUTOMOBILE AUGMENTANT L'EFFICACITE ENERGETIQUE**
[72] KIM, HAHNSOO, US
[72] NOLES, JOE R., JR., US
[72] WATTS, RAYMOND F., US
[73] INFINEUM INTERNATIONAL LIMITED, GB
[86] (2859438)
[87] (2859438)
[22] 2014-08-15
[30] US (13/697,560) 2013-08-15

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[13] C
[51] **Int.Cl. B22F 3/12 (2006.01) B22F 3/10 (2006.01) C22C 33/02 (2006.01) C22C 38/22 (2006.01)**
[25] EN
[54] **NEW METAL POWDER AND USE THEREOF**
[54] **NOUVELLE POUDRE METALLIQUE ET UTILISATION DE CELLE-CI**
[72] SZABO, CHRISTOPHE, DE
[72] DIZDAR, SENAD, SE
[72] BERGMAN, OLA, SE
[73] HOGANAS AB (PUBL), SE
[85] 2014-07-03
[86] 2013-01-03 (PCT/EP2013/050070)
[87] (WO2013/102650)
[30] EP (12150253.8) 2012-01-05

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[51] **Int.Cl. H04L 12/863 (2013.01) G06Q 40/04 (2012.01) H04L 12/58 (2006.01) H04L 12/66 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MESSAGE FLOW AND TRANSACTION QUEUE MANAGEMENT**
[54] **PROCEDE ET DISPOSITIF SERVANT A GERER LE FLUX DE MESSAGES ET UNE FILE D'ATTENTE DE TRANSACTIONS**
[72] KEMP, GARY ALLAN, II, US
[72] SCHLUETTER, JENS-UWE, US
[72] GARRISON, DAVID W., US
[72] MINTZ, SAGY, US
[73] TRADING TECHNOLOGIES INTERNATIONAL, INC., US
[86] (2860367)
[87] (2860367)
[22] 2003-07-14
[62] 2,835,764
[30] US (10/196,056) 2002-07-15

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[13] C
[51] **Int.Cl. C25B 1/02 (2006.01) C25B 15/08 (2006.01) C01B 3/02 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL PRODUCTION OF HYDROGEN**
[54] **PRODUCTION ELECTROCHIMIQUE D'HYDROGENE**
[72] JOSHI, ASHOK, US
[72] BHAVARAJU, SAI, US
[73] ENLIGHTEN INNOVATIONS INC., CA
[85] 2014-07-03
[86] 2012-01-12 (PCT/US2012/021099)
[87] (WO2012/097167)
[30] US (61/432,117) 2011-01-12

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[11] **2,860,468**
[13] C
[25] EN
[54] **THIN FILM ELECTROCHEMICAL CELL WITH A POLYMER DOUBLE SEAL**
[54] **CELLULE ELECTROCHIMIQUE EN COUCHE MINCE AVEC UN DOUBLE JOINT D'ETANCHEITE POLYMERE**
[72] BHOLA, RAKESH, CA
[72] DAS GUPTA, RAJSHEKAR, CA
[72] DAS GUPTA, SANKAR, CA
[73] ELECTROVAYA INC., CA
[85] 2014-07-02
[86] 2013-01-07 (PCT/CA2013/000006)
[87] (WO2013/102269)
[30] US (61/631,453) 2012-01-05
[30] US (61/631,457) 2012-01-05

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[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/519 (2006.01) A61L 31/02 (2006.01) A61L 31/10 (2006.01) A61L 31/16 (2006.01) A61P 7/02 (2006.01)**
[25] EN
[54] **THIADIAZOLO-PYRIMIDIN-5-ONE DERIVATIVES AS AIIB.BETA.3 ANTAGONISTS**
[54] **DERIVES DE THIADIAZOLO-PYRIMIDIN-5-ONE COMME ANTAGONISTES AIIB-BETA-3**
[72] COLLER, BARRY S., US
[72] THOMAS, CRAIG, US
[72] FILIZOLA, MARTA, US
[72] MCCOY, JOSHUA, US
[72] HUANG, WENWEI, US
[72] SHEN, MIN, US
[72] JIANG, JIAN-KANG, US
[73] THE ROCKEFELLER UNIVERSITY, US
[73] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[73] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
[85] 2014-07-15
[86] 2013-01-16 (PCT/US2013/021749)
[87] (WO2013/109632)
[30] US (61/587,030) 2012-01-16

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[13] C
[51] **Int.Cl. A01H 5/10 (2018.01) C12N 15/113 (2010.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) C12N 9/02 (2006.01) C12N 15/29 (2006.01) C12N 15/53 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **METHODS OF CONTROLLING SEED SIZE IN PLANTS**
[54] **PROCEDES DESTINES A REGULER LE CALIBRE DES GRAINES DANS DES PLANTES**
[72] LI, YUNHAI, CN
[72] FANG, WENJUAN, CN
[72] WANG, ZHIBIAO, CN
[72] CUI, RONGFENG, CN
[73] INSTITUTE OF GENETICS AND DEVELOPMENTAL BIOLOGY, CN
[85] 2014-07-16
[86] 2013-01-15 (PCT/GB2013/050072)
[87] (WO2013/108017)
[30] US (61/588,792) 2012-01-20
[30] GB (1202258.8) 2012-02-09

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[13] C
[51] **Int.Cl. C07D 403/06 (2006.01) A61K 8/49 (2006.01) A61K 31/517 (2006.01) A61K 45/06 (2006.01) A61P 3/10 (2006.01) A61P 9/00 (2006.01) A61P 11/06 (2006.01) A61P 29/02 (2006.01) A61P 31/00 (2006.01) A61P 31/10 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) A61Q 19/06 (2006.01)**
[25] EN
[54] **HALOFUGINOL DERIVATIVES AND THEIR USE IN COSMETIC AND PHARMACEUTICAL COMPOSITIONS**
[54] **DERIVES D'HALOFUGINOL ET LEUR UTILISATION DANS DES COMPOSITIONS COSMETIQUES ET PHARMACEUTIQUES**
[72] WHITMAN, MALCOLM, US
[72] KELLER, TRACY, US
[72] MAZITSCHEK, RALPH, US
[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[73] THE GENERAL HOSPITAL CORPORATION D/B/A MASSACHUSETTS GENERAL HOSPITAL, US
[85] 2014-07-17
[86] 2013-01-11 (PCT/US2013/021223)
[87] (WO2013/106702)
[30] US (61/586,271) 2012-01-13

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[11] **2,862,151**
[13] C
[51] **Int.Cl. C09K 3/10 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE HOTMELT WINDOW SEALANT**
[54] **AGENT DE SCELLEMENT POUR FENETRE THERMOFUSIBLE A HAUTE PERFORMANCE**
[72] KEULER, DAVID P., US
[72] CZAPLEWSKI, PATRICK JOHN, US
[72] VITRANO, MICHAEL D., US
[73] BOSTIK, INC., US
[85] 2014-06-27
[86] 2012-12-28 (PCT/US2012/000590)
[87] (WO2013/101255)
[30] US (61/580,963) 2011-12-28

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[13] C
[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/95 (2013.01) A61B 17/064 (2006.01)**
[25] EN
[54] **MITRAL VALVE DOCKING DEVICES, SYSTEMS AND METHODS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE FIXATION DE VALVULE MITRALE**
[72] SPENCE, PAUL A., US
[72] TOMPKINS, LANDON H., US
[73] MITRAL VALVE TECHNOLOGIES SARL, CH
[85] 2014-07-29
[86] 2013-01-31 (PCT/IB2013/000593)
[87] (WO2013/114214)
[30] US (61/592,796) 2012-01-31
[30] US (61/687,898) 2012-05-03
[30] US (61/744,468) 2012-09-27
[30] US (61/796,964) 2012-11-26

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[13] C
[51] **Int.Cl. C01B 15/023 (2006.01) C01B 15/013 (2006.01)**
[25] EN
[54] **PLANT FOR HYDROGEN PEROXIDE PRODUCTION AND PROCESS USING IT**
[54] **INSTALLATION DE PRODUCTION DE PEROXYDE D'HYDROGENE ET PROCEDE L'UTILISANT**
[72] BLOOMFIELD, STEPHEN, BE
[72] DHAESE, PATRICK MARKUS, BR
[73] SOLVAY SA, BE
[85] 2014-08-13
[86] 2013-02-28 (PCT/EP2013/054035)
[87] (WO2013/135491)
[30] EP (12159153.1) 2012-03-13

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[11] **2,864,744**
[13] C
[51] **Int.Cl. F24F 12/00 (2006.01)**
[25] EN
[54] **DEVICE FOR COOLING AND/OR HEAT RECOVERY**
[54] **DISPOSITIF DE REFROIDISSEMENT OU DE RECUPERATION DE CHALEUR**
[72] VAN HEESWIJK, FREDERIK SIMON, NL
[73] KAMPMANN GMBH, DE
[85] 2014-08-15
[86] 2013-02-12 (PCT/EP2013/000403)
[87] (WO2013/120600)
[30] DE (10 2012 003 068.1) 2012-02-17
[30] DE (10 2012 004 900.5) 2012-03-09

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[13] C
[51] **Int.Cl. A61B 5/06 (2006.01) A61B 5/05 (2006.01)**
[25] EN
[54] **DEVICES AND SYSTEMS FOR NAVIGATION AND POSITIONING A CENTRAL VENOUS CATHETER WITHIN A PATIENT**
[54] **DISPOSITIFS ET SYSTEMES POUR LA NAVIGATION ET LE POSITIONNEMENT D'UN CATHETER VEINEUX CENTRAL DANS UN PATIENT**
[72] KASSAB, GHASSAN S., US
[72] COMBS, WILLIAM, US
[72] SVENDSEN, MARK, US
[72] MARKOWITZ, H. TOBY, US
[73] BARD ACCESS SYSTEMS, INC., US
[85] 2014-08-15
[86] 2013-04-05 (PCT/US2013/035527)
[87] (WO2013/152335)
[30] US (61/620,872) 2012-04-05
[30] US (61/776,655) 2013-03-11

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[13] C
[51] **Int.Cl. A61F 2/90 (2013.01) A61F 2/07 (2013.01) A61F 2/844 (2013.01) A61F 2/915 (2013.01) A61F 2/24 (2006.01) A61L 31/14 (2006.01)**
[25] EN
[54] **ACTIVELY CONTROLLABLE STENT, STENT GRAFT, HEART VALVE AND METHOD OF CONTROLLING SAME**
[54] **ENDOPROTHESE A COMMANDE ACTIVE, GREFFE D'ENDOPROTHESE, VALVE CARDIAQUE ET METHODE DE COMMANDE DE CELLES-CI**
[72] CARTLEDGE, RICHARD, US
[72] SMITH, KEVIN W., US
[72] BALES, THOMAS O., JR., US
[72] DEVILLE, DEREK DEE, US
[72] KLINE, KOREY, US
[72] MENDEZ, MAX PIERRE, US
[72] PALMER, MATTHEW A., US
[72] KIRK, MICHAEL WALTER, US
[72] RIVERA, CARLOS, US
[72] PETERSON, ERIC, US
[72] MCBRAYER, SEAN, US
[73] EDWARDS LIFESCIENCES CARDIAQ LLC, US
[85] 2014-08-19
[86] 2013-02-21 (PCT/US2013/027072)
[87] (WO2013/126529)
[30] US (61/601,961) 2012-02-22
[30] US (13/544,379) 2012-07-09
[30] US (61/682,558) 2012-08-13
[30] US (13/656,717) 2012-10-21
[30] US (61/717,037) 2012-10-22
[30] US (61/739,711) 2012-12-19
[30] US (13/772,203) 2013-02-20

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[13] C
[51] **Int.Cl. A61K 33/00 (2006.01) A61P 9/12 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **METHODS OF ADMINISTERING HIGH CONCENTRATIONS OF NITRIC OXIDE**
[54] **PROCEDES D'ADMINISTRATION DE CONCENTRATIONS ELEVEES D'OXYDE NITRIQUE**
[72] GOLDSTEIN, BRAHM, US
[72] GREENE, DOUGLAS STUART, US
[73] MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED, IE
[85] 2014-09-10
[86] 2013-03-14 (PCT/US2013/031665)
[87] (WO2013/138654)
[30] US (13/420,852) 2012-03-15
[30] US (13/827,240) 2013-03-14

[11] **2,868,099**
[13] C
[51] **Int.Cl. A61K 39/255 (2006.01) A61P 31/22 (2006.01)**
[25] EN
[54] **MODIFIED MAREK'S DISEASE VIRUS, AND VACCINES MADE THEREFROM**
[54] **VIRUS MODIFIE DE LA MALADIE DE MAREK, ET VACCINS PREPARES A PARTIR DE CELUI-CI**
[72] PRITCHARD, JOYCE, US
[72] MEBATSION, TESHOME, US
[72] BUBLOT, MICHEL, FR
[73] BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC., US
[85] 2014-09-19
[86] 2013-03-15 (PCT/US2013/032539)
[87] (WO2013/142377)
[30] US (61/614,142) 2012-03-22

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[11] **2,868,978**
[13] C
[51] **Int.Cl. G01N 9/34 (2006.01) G01N 9/24 (2006.01) G01N 29/024 (2006.01) G01F 1/66 (2006.01) G01F 1/86 (2006.01)**
[25] EN
[54] **SPEED OF SOUND AND/OR DENSITY MEASUREMENT USING ACOUSTIC IMPEDANCE**
[54] **MESURE DE DENSITE ET/OU DE VITESSE DU SON A L'AIDE D'IMPEDANCE ACOUSTIQUE**
[72] LOOSE, DOUGLAS H., US
[72] DIDDEN, LAMBERTUS J., US
[72] KERSEY, ALAN D., US
[73] CIDRA CORPORATE SERVICES INC., US
[85] 2014-09-29
[86] 2013-04-05 (PCT/US2013/035471)
[87] (WO2013/152302)
[30] US (61/620,788) 2012-04-05
[30] US (61/658,628) 2012-06-12

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[11] **2,870,135**
[13] C
[51] **Int.Cl. F41J 13/00 (2009.01)**
[25] EN
[54] **A LEACHING PROTECTOR FOR OUTDOOR SHOOTING RANGES**
[54] **PROTECTEUR DE LESSIVAGE POUR CHAMPS DE TIR EXTERIEURS**
[72] MOBERG, GERTH, SE
[73] STAPP INTERNATIONAL AB, SE
[85] 2014-10-09
[86] 2013-05-31 (PCT/SE2013/050638)
[87] (WO2013/184062)
[30] SE (1250579-8) 2012-06-04

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[11] **2,870,460**
[13] C
[51] **Int.Cl. A61B 17/32 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR THREAD TRANSECTION OF A LIGAMENT**
[54] **PROCEDE ET APPAREIL DE COUPE TRANSVERSALE PAR FIL D'UN LIGAMENT**
[72] GUO, JOSEPH, US
[73] GUO, JOSEPH, US
[85] 2014-10-14
[86] 2013-04-29 (PCT/US2013/038653)
[87] (WO2013/165900)
[30] US (13/460,246) 2012-04-30
[30] US (13/870,291) 2013-04-25

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[11] **2,871,913**
[13] C
[51] **Int.Cl. A61F 2/02 (2006.01) A61B 17/03 (2006.01)**
[25] EN
[54] **SELF ADHERING IMPLANTABLE MESH PROSTHESIS WITH REDUCED INSERTION PROFILE**
[54] **PROTHESE EN FILET AUTO-ADHESIVE IMPLANTABLE AYANT UN PROFIL D'INSERTION REDUIT**
[72] TRUPIANO, ANTHONY, US
[72] ELDRIDGE, STEPHEN N., US
[72] COELHO, DONALD ANTHONY, JR., US
[72] RANUCCI, KEVIN J., US
[72] DAROIS, ROGER E., US
[73] C. R. BARD, INC., US
[85] 2014-10-28
[86] 2013-05-01 (PCT/US2013/039044)
[87] (WO2013/166135)
[30] US (13/460,938) 2012-05-01

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[13] C
[51] **Int.Cl. H04R 7/02 (2006.01) H04R 9/02 (2006.01)**
[25] EN
[54] **WIDE-RANGE, WIDE-ANGLE LOUDSPEAKER DRIVER**
[54] **CIRCUIT D'ATTAQUE DE HAUT-PARLEUR A GRANDE PORTEE ET GRAND ANGLE**
[72] CHRISTENSEN, EUGENE J., US
[73] CHRISTENSEN, EUGENE J., US
[85] 2014-10-28
[86] 2013-05-07 (PCT/US2013/039910)
[87] (WO2013/169745)
[30] US (61/688,244) 2012-05-09

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[11] **2,872,750**
[13] C
[51] **Int.Cl. A61F 2/30 (2006.01) A61B 17/72 (2006.01) A61F 2/36 (2006.01) A61F 2/38 (2006.01)**
[25] EN
[54] **REINFORCING IMPLANT FOR AN ELONGATED BONE, IN PARTICULAR FEMUR**
[54] **IMPLANT DE RENFORCEMENT POUR UN OS ALLONGE, NOTAMMENT LE FEMUR**
[72] LINK, HELMUT D., DE
[73] WALDEMAR LINK GMBH & CO. KG, DE
[85] 2014-11-05
[86] 2013-05-08 (PCT/EP2013/059589)
[87] (WO2013/167655)
[30] EP (12167795.9) 2012-05-11

[11] **2,873,083**
[13] C
[51] **Int.Cl. C01B 3/12 (2006.01) C01B 3/50 (2006.01) C01B 3/52 (2006.01) C01B 3/56 (2006.01) F25J 3/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCTION OF CO, H2 AND METHANOL-SYNTHESIS GAS FROM A SYNTHESIS GAS, IN PARTICULAR FROM ACETYLENE OFF-GAS**
[54] **PROCEDE DE PRODUCTION DE CO, DE H2 ET DE GAZ DE SYNTHESE DE METHANOL A PARTIR D'UN GAZ DE SYNTHESE, EN PARTICULIER A PARTIR D'UN EFFLUENT GAZEUX ACETYLENIQUE**
[72] TROTT, THOMAS, DE
[73] LINDE AKTIENGESELLSCHAFT, DE
[85] 2014-11-10
[86] 2013-05-08 (PCT/EP2013/001382)
[87] (WO2013/174480)
[30] DE (10 2012 010 312.3) 2012-05-24

[11] **2,873,088**
[13] C
[51] **Int.Cl. H05K 7/20 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A DATA CENTRE WITH EFFICIENT COOLING MEANS**
[54] **PROCEDE DE FONCTIONNEMENT D'UN CENTRE DE DONNEES A MOYENS DE REFROIDISSEMENT EFFICACES**
[72] LINDENSTRUTH, VOLKER, DE
[72] STOCKER, HORST, DE
[72] HAUSER, ALEXANDER, DE
[73] E3 COMPUTING GMBH, DE
[85] 2014-11-10
[86] 2013-05-10 (PCT/EP2013/001391)
[87] (WO2013/167280)
[30] EP (12003748.6) 2012-05-11
[30] EP (12007913.2) 2012-11-23

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[13] C
[51] **Int.Cl. A61K 35/28 (2015.01) A61K 35/76 (2015.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING OR PREVENTING GRAFT VERSUS HOST DISEASE**
[54] **METHODES DE TRAITEMENT OU DE PREVENTION D'UNE MALADIE DU GREFFON CONTRE L'HOTE**
[72] MCFADDEN, DOUGLAS GRANT, US
[72] BARTEE, ERIC CARTER, US
[72] COGLE, CHRISTOPHER R., US
[73] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2014-11-14
[86] 2012-06-11 (PCT/US2012/041905)
[87] (WO2012/171007)
[30] US (61/495,342) 2011-06-09

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[13] C
[51] **Int.Cl. A01N 25/30 (2006.01) A01N 37/40 (2006.01) A01N 57/20 (2006.01) A01P 13/00 (2006.01) A01P 15/00 (2006.01)**
[25] EN
[54] **ADJUVANT COMPRISING A 2-PROPYLHEPTYLAMINE ALKOXYLATE, SUGAR-BASED SURFACTANT, AND DRIFT-CONTROL AGENT AND/OR HUMECTANT**
[54] **ADJUVANT COMPRENANT UN PRODUIT D'ALCOXYLATION DE 2-PROPYLHEPTYLAMINE, UN TENSIOACTIF A BASE DE SUCRE ET UN AGENT DE LUTTE CONTRE LA DERIVE ET/OU UN HUMECTANT**
[72] SCHNABEL, GERHARD, DE
[72] NOLTE, MARC, DE
[72] KLINGELHOEFER, PAUL, DE
[72] BRATZ, MATTHIAS, DE
[72] ETCHEVERRY, MARIANO IGNACIO, DE
[72] BOWE, STEVEN, US
[72] FRIHAUF, JOHN, US
[72] THOMAS, WALTER, US
[72] BROMMER, CHAD, US
[72] CANNAN, TERRANCE M., US
[72] STAAL, MAARTEN, US
[73] BASF SE, DE
[85] 2014-11-17
[86] 2013-06-11 (PCT/EP2013/061975)
[87] (WO2013/189777)
[30] US (61/662,387) 2012-06-21
[30] EP (12175046.7) 2012-07-05

[11] **2,873,882**
[13] C
[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/4375 (2006.01) A61K 31/5383 (2006.01) A61P 31/22 (2006.01) C07D 471/22 (2006.01) C07D 491/147 (2006.01) C07D 498/14 (2006.01) C07D 498/22 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **1,8-NAPHTHYRIDIN-2(1H)-ONE DERIVATIVES AS CYTOMEGALOVIRUS INHIBITORS**
[54] **DERIVES DE 1,8-NAPHTRYRIDINE-2(1H)-ONE COMME INHIBITEURS DE CYTOMEGALOVIRUS**
[72] FADER, LEE, US
[72] BEAULIEU, PIERRE LOUIS, CA
[72] BAILEY, MURRAY, CA
[72] BILODEAU, FRANCOIS, CA
[72] CARSON, REBEKAH, CA
[72] GIROUX, ANDRE, CA
[72] GODBOUT, CEDRICKX, CA
[72] HUCKE, OLIVER, CA
[72] JOLY, MARC-ANDRE, CA
[72] LEBLANC, MELISSA, CA
[72] LEPAGE, OLIVIER, CA
[72] MOREAU, BENOIT, CA
[72] NAUD, JULIE, CA
[72] POIRIER, MARTIN, CA
[72] VILLEMURE, ELISIA, CA
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2014-11-17
[86] 2013-04-03 (PCT/US2013/035059)
[87] (WO2013/152065)
[30] US (61/620,737) 2012-04-05

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[13] C
[51] **Int.Cl. C07C 5/44 (2006.01) C01B 7/09 (2006.01)**
[25] EN
[54] **CONVERSION OF PROPANE TO PROPYLENE**
[54] **CONVERSION DU PROPANE EN PROPYLENE**
[72] JULKA, VIVEK, US
[72] GADEWAR, SAGAR, US
[72] STOIMENOV, PETER K., US
[72] GROSSO, PHILIP, US
[72] SHERMAN, JEFFREY H., US
[72] ZHANG, AIHUA, US
[72] MCFARLAND, ERIC W., US
[73] REACTION 35, LLC, US
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[54] **DECODING DEVICE AND DECODING METHOD**
[54] **DISPOSITIF ET PROCEDE DE DECODAGE**
[72] LU, SHUO, JP
[72] SATO, KAZUSHI, JP
[73] VELOS MEDIA INTERNATIONAL LIMITED, IE
[85] 2014-11-28
[86] 2013-06-21 (PCT/JP2013/067111)
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[54] **ENDOPROSTHESIS AND DELIVERY DEVICE FOR IMPLANTING SUCH ENDOPROSTHESIS**
[54] **ENDOPROTHESE ET DISPOSITIF DE POSE POUR L'IMPLANTATION D'UNE TELLE ENDOPROTHESE**
[72] ANGEL, CLAUDE, FR
[72] FABRE, DOMINIQUE, FR
[73] KARDIOZIS, FR
[85] 2014-12-02
[86] 2013-06-05 (PCT/EP2013/061620)
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[51] **Int.Cl. G01V 99/00 (2009.01)**
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[54] **SYSTEM AND METHOD FOR OPTIMIZING THE NUMBER OF CONDITIONING DATA IN MULTIPLE POINT STATISTICS SIMULATION**
[54] **SYSTEME ET PROCEDE D'OPTIMISATION DU NOMBRE DE DONNEES DE CONDITIONNEMENT DANS UNE SIMULATION DE STATISTIQUE A POINTS MULTIPLES**
[72] STREBELLE, SEBASTIEN BRUNO, US
[72] CAVELIUS, CLAUDE EDWARD, US
[73] CHEVRON U.S.A. INC., US
[85] 2014-12-02
[86] 2013-04-24 (PCT/US2013/038001)
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[30] US (13/493,062) 2012-06-11

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[25] EN
[54] **FILTERING OF PRESSURE SIGNALS FOR SUPPRESSION OF PERIODIC PULSES**
[54] **FILTRATION DE SIGNAUX DE PRESSION POUR LA SUPPRESSION DES IMPULSIONS PERIODIQUES**
[72] SOLEM, KRISTIAN, SE
[72] OLDE, BO, SE
[72] STERNBY, JAN, SE
[73] GAMBRO LUNDIA AB, SE
[85] 2014-12-03
[86] 2013-06-18 (PCT/EP2013/062616)
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[51] **Int.Cl. A61K 35/14 (2015.01) A61P 25/28 (2006.01)**
[25] EN
[54] **TREATMENT METHOD FOR RELAPSING-REMITTING MULTIPLE SCLEROSIS**
[54] **METHODE DE TRAITEMENT DE LA SCLEROSE EN PLAQUES RECURRENTE-REMITTENTE**
[72] BYKOVSKAIA, SVETLANA NUNEVNA, RU
[72] ELISEEVA, DARIA DMITRIEVNA, RU
[72] ZAVALISHIN, IGOR ALEKSEEVICH, RU
[73] REGENEX LLC, RU
[85] 2014-12-04
[86] 2013-02-14 (PCT/RU2013/000119)
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[25] EN
[54] **RELEASE MEDIA COMPRISING POLYMER PARTICLES AND FUNCTIONALISED STIMULUS RESPONSIVE POLYMERS**
[54] **MILIEU LIBERATEUR RENFERMANT DES PARTICULES DE POLYMERE ET POLYMERE A REPONSE AU STIMULUS FONCTIONNALISE**
[72] GRAY, PETER, AU
[72] MONTEIRO, MICHAEL JOHN, AU
[72] MUNRO, TRENT PHILLIP, AU
[72] PROWSE, ANDREW BENJAMIN JAMES, AU
[73] THE UNIVERSITY OF QUEENSLAND, AU
[85] 2014-12-05
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[25] EN
[54] **DE-ICER AND/OR ANTI-ICER COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS DE DEVERGLASSAGE ET/OU ANTIVERGLAS ET PROCEDES ASSOCIES**
[72] MCCONNELL, ALISTAIR, GB
[73] ESSECO UK LIMITED, GB
[85] 2014-12-09
[86] 2013-06-24 (PCT/GB2013/051647)
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[54] **INSECTICIDAL N-SUBSTITUTED SULFILIMINE AND SULFOXIMINE PYRIDINE N-OXIDES**
[54] **N-OXYDES DE PYRIDINE SULFILIMINE ET SULFOXIMINE N-SUBSTITUES INSECTICIDES**
[72] BLAND, DOUGLAS C., US
[72] ROSS, RONALD, JR., US
[72] JOHNSON, PETER L., US
[72] JOHNSON, TIMOTHY C., US
[73] DOW AGROSCIENCES LLC, US
[85] 2014-12-09
[86] 2013-06-12 (PCT/US2013/045333)
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[25] EN
[54] **TWO COMPONENT CEMENT COMPOSITION**
[54] **COMPOSITION DE CIMENT A DEUX COMPOSANTS**
[72] MIKAELSSON, HENRIK, SE
[73] SIKA TECHNOLOGY AG, CH
[85] 2015-01-06
[86] 2013-07-08 (PCT/EP2013/064335)
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[25] FR
[54] **USE OF A MYRTLE EXTRACT AS AN ANTI-BIOFILM AGENT AGAINST P. ACNES**
[54] **UTILISATION D'UN EXTRAIT DE MYRTE EN TANT QU'AGENT ANTI-BIOFILM VIS-A-VIS DE P. ACNES**
[72] LUC, JOELLE, FR
[72] FIORINI-PUYBARET, CHRISTEL, FR
[73] PIERRE FABRE DERMO-COSMETIQUE, FR
[85] 2015-01-07
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[25] EN
[54] **METHOD FOR PREPARING LITHIUM METAL PHOSPHOR OXIDE**
[54] **PROCEDE POUR PREPARER DU LITHIUM-METAL-OXYDE DE PHOSPHORE**
[72] SONG, HYUN A., KR
[72] CHANG, DONG GYU, KR
[72] YANG, WOO YOUNG, KR
[73] SAMSUNG SDI CO., LTD., KR
[85] 2015-01-12
[86] 2013-05-10 (PCT/KR2013/004162)
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[51] **Int.Cl. C08J 5/24 (2006.01) B29C 70/48 (2006.01) C08J 11/12 (2006.01)**
[25] EN
[54] **IMPREGNATION PROCESS FOR A FIBROUS SUBSTRATE, A LIQUID (METH) ACRYLIC SYRUP FOR THE IMPREGNATION PROCESS, ITS METHOD OF POLYMERIZATION AND STRUCTURED ARTICLE OBTAINED THEREOF**
[54] **TRAITEMENT D'IMPREGNATION POUR SUBSTRAT FIBREUX, SIROP (METH)ACRYLIQUE LIQUIDE POUR CE TRAITEMENT D'IMPREGNATION, PROCEDE DE POLYMERISATION, ET ARTICLE STRUCTURE AINSI OBTENU**
[72] GERARD, PIERRE, FR
[72] CAUCHOIS, JEAN-PIERRE, FR
[72] HOCHSTETTER, GILLES, FR
[72] GLOTIN, MICHEL, FR
[72] PERRIN, CAMILLE, FR
[72] FRANCOIS, GILLES, FR
[73] ARKEMA FRANCE, FR
[85] 2015-01-16
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[25] EN
[54] **COCHLEATES MADE WITH SOY PHOSPHATIDYLSERINE**
[54] **COCHLEATES ELABORES AVEC DE LA PHOSPHATIDYLSERINE DE SOJA**
[72] MANNINO, RAPHAEL J., US
[72] LU, RUYING, US
[73] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[73] MATINAS BIOPHARMA NANOTECHNOLOGIES, INC., US
[85] 2015-01-22
[86] 2013-07-30 (PCT/US2013/052756)
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[25] EN
[54] **LOW COST, HIGH-PERFORMANCE, SWITCHED MULTI-FEED STEERABLE ANTENNA SYSTEM**
[54] **SYSTEME D'ANTENNE ORIENTABLE A MULTIPLES ALIMENTATIONS COMMUTEES, HAUTE PERFORMANCE ET BON MARCHE**
[72] CUCHANSKI, MICHAEL, US
[72] MCKINNON, DOUGLAS V., US
[72] TAFT, WILLIAM J., US
[72] MATYAS, GERARD J., US
[73] LOCKHEED MARTIN CORPORATION, US
[85] 2015-01-26
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[54] **PROCEDURE FOR THE PRODUCTION OF TIACUMICIN B**
[54] **PROCEDURE POUR LA PRODUCTION DE TIACUMICINE B**
[72] TRIONE, GUIDO, IT
[72] MALCANGI, ANTONELLA, IT
[73] OLON S.P.A., IT
[85] 2015-02-05
[86] 2013-07-30 (PCT/EP2013/065994)
[87] (WO2014/023616)
[30] IT (MI2012A001406) 2012-08-07
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[25] EN
[54] **PYRETHROID FORMULATIONS**
[54] **FORMULATIONS DE PYRETHROIDE**
[72] NORTON, DANIELLE, CA
[72] LOUKINE, NIKOLAI, CA
[72] GONG, RACHEL, CA
[72] GALAS, HENRY, CA
[72] DINGLASAN, JOSE AMADO, CA
[72] DAS, ANJAN KUMAR, CA
[72] ANDERSON, DARREN J., CA
[73] VIVE CROP PROTECTION INC., CA
[85] 2015-02-04
[86] 2012-08-23 (PCT/IB2012/002832)
[87] (WO2013/041975)
[30] US (61/526,433) 2011-08-23
[30] US (61/589,548) 2012-01-23
[30] US (61/641,384) 2012-05-02
[30] US (61/641,518) 2012-05-02

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[25] EN
[54] **LEVEL MONITORING OF BULK MATERIAL BIN WITH HEATER CONTROL FUNCTION**
[54] **SURVEILLANCE DE NIVEAU D'UN SILO POUR MATERIAU EN VRAC AVEC FONCTION DE COMMANDE DE CHAUFFAGE**
[72] WALLGREN, ERIK, CA
[72] WALLGREN, MARK, CA
[73] WALLGREN, ERIK, CA
[73] WALLGREN, MARK, CA
[86] (2881449)
[87] (2881449)
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[25] EN
[54] **PRODUCTION OF PAPER, CARD AND BOARD**
[54] **PROCEDE DE FABRICATION DE PAPIER, DE CARTON-PATE ET DE CARTON**
[72] ESSER, ANTON, DE
[72] HAHNLE, HANS-JOACHIM, DE
[73] SOLENIS TECHNOLOGIES CAYMAN, L.P., KY
[85] 2015-02-12
[86] 2013-07-31 (PCT/EP2013/066120)
[87] (WO2014/029593)
[30] EP (12181322.4) 2012-08-22

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[51] **Int.Cl. A61B 17/86 (2006.01)**
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[54] **DRUG ELUTING SURGICAL SCREW**
[54] **VIS CHIRURGICALE A ELUTION DE MEDICAMENT**
[72] ARMBRUSTER, DAVID, US
[72] PANDEY, ANURAG, US
[73] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2015-02-13
[86] 2013-08-13 (PCT/US2013/054671)
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[30] US (61/683,262) 2012-08-15

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[51] **Int.Cl. H02J 3/12 (2006.01)**
[25] EN
[54] **AUTONOMOUS MANAGEMENT OF DISTRIBUTION TRANSFORMER POWER LOAD**
[54] **GESTION AUTONOME DE CHARGE D'ENERGIE POUR TRANSFORMATEUR DE DISTRIBUTION**
[72] ASHWORTH, NICHOLAS, US
[72] COX, ROBERT J., US
[72] CHILDS, JOSEPH E., US
[73] EATON INTELLIGENT POWER LIMITED, IE
[85] 2015-02-18
[86] 2013-08-08 (PCT/US2013/054048)
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[30] US (13/590,937) 2012-08-21

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[51] **Int.Cl. B67D 3/00 (2006.01) B67D 7/80 (2010.01) E03B 9/00 (2006.01) F25D 31/00 (2006.01)**
[25] EN
[54] **COLD WATER DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION D'EAU FROIDE**
[72] SHAW, DAMON D., US
[72] SAVONI, FRANCO, US
[72] HANSEN, RUSS, US
[72] FULFORD, EVAN A., US
[72] LEISER, JOEL E., US
[73] ELKAY MANUFACTURING COMPANY, US
[85] 2015-02-20
[86] 2013-08-22 (PCT/US2013/056210)
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[30] US (61/692,589) 2012-08-23

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[51] **Int.Cl. A61K 47/12 (2006.01) A61K 9/08 (2006.01)**
[25] EN
[54] **CHEMICAL COMPOSITIONS AND METHODS FOR ENHANCING TRANSDERMAL DELIVERY OF THERAPEUTIC AGENTS**
[54] **COMPOSITIONS CHIMIQUES ET PROCEDES POUR AMELIORER L'ADMINISTRATION TRANSDERMIQUE D'AGENTS THERAPEUTIQUES**
[72] VALIA, KIRTI H., US
[72] KYDONIEUS, AGIS, US
[73] INTEGURX THERAPEUTICS, LLC, US
[85] 2015-02-23
[86] 2013-08-23 (PCT/US2013/056391)
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[30] US (61/693,135) 2012-08-24
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[54] **INCINERATION TOILET**
[54] **TOILETTES A INCINERATION**
[72] ASLAKSEN, ODD ARNE, NO
[73] SIRIUS TECHNOLOGY AS, NO
[85] 2015-02-25
[86] 2013-09-06 (PCT/NO2013/050155)
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[30] NO (20121008) 2012-09-06

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[51] **Int.Cl. H04L 12/16 (2006.01) G08B 13/00 (2006.01) H04L 12/24 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **PHYSICAL SECURITY SYSTEM HAVING MULTIPLE SERVER NODES**
[54] **SYSTEME DE SECURITE PHYSIQUE COMPORTANT DE MULTIPLES NOEUDS SERVEURS**
[72] LEE, RYAN, CA
[72] MARLATT, SHAUN, CA
[72] ADAM, MATTHEW, CA
[72] WIGHTMAN, ROSS, CA
[72] MAGOLAN, GREG, CA
[72] MARTZ, ANDREW, CA
[73] AVIGILON CORPORATION, CA
[85] 2015-02-27
[86] 2013-09-06 (PCT/CA2013/050690)
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[30] US (13/607,447) 2012-09-07

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[25] EN
[54] **VEHICLE WHEEL**
[54] **ROUE DE VEHICULE**
[72] HUIDEKOPER, LOUIS, GB
[73] HUIDEKOPER, LOUIS, GB
[85] 2015-03-05
[86] 2013-10-09 (PCT/NL2013/050715)
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[51] **Int.Cl. A61F 2/24 (2006.01) A61M 39/22 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REPLACING A NATIVE HEART VALVE AND AORTA WITH A PROSTHETIC HEART VALVE AND CONDUIT**
[54] **SYSTEMES ET PROCEDES POUR REMPLACER UNE VALVULE CARDIAQUE ET UNE AORTE ENDOGENES PAR UNE PROTHESE VALVULAIRE CARDIAQUE ET UN CONDUIT**
[72] WRIGHT, GREGORY A., US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2015-03-05
[86] 2013-09-24 (PCT/US2013/061467)
[87] (WO2014/052330)
[30] US (61/705,495) 2012-09-25
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[51] **Int.Cl. C09K 5/20 (2006.01)**
[25] EN
[54] **HEAT TRANSFER FLUIDS AND CORROSION INHIBITOR FORMULATIONS FOR USE THEREOF**
[54] **FLUIDES DE TRANSFERT THERMIQUE ET FORMULATIONS D'INHIBITEUR DE CORROSION POUR UNE UTILISATION CORRESPONDANTE**
[72] YANG, BO, US
[72] GERSHUN, ALEKSEI, US
[72] WOYCIESJES, PETER M., US
[73] PRESTONE PRODUCTS CORPORATION, US
[85] 2015-03-06
[86] 2013-08-22 (PCT/US2013/056268)
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[13] C
[51] **Int.Cl. C12P 7/06 (2006.01) C12Q 3/00 (2006.01) G01N 21/75 (2006.01)**
[25] EN
[54] **A PROCESS FOR REDUCING CO2 EMISSIONS AND INCREASING ALCOHOL PRODUCTIVITY IN SYNGAS FERMENTATION**
[54] **PROCEDE DE REDUCTION DES EMISSIONS DE CO2 ET D'AUGMENTATION DE LA PRODUCTIVITE D'ALCOOL DANS LE CADRE DE LA FERMENTATION D'UN GAZ DE SYNTHESE**
[72] SENARATNE, RYAN, US
[73] JUPENG BIO (HK) LIMITED, CN
[85] 2015-03-11
[86] 2013-09-17 (PCT/US2013/060231)
[87] (WO2014/047079)
[30] US (61/702,824) 2012-09-19
[30] US (61/702,826) 2012-09-19
[30] US (61/702,832) 2012-09-19
[30] US (61/702,837) 2012-09-19
[30] US (14/017,903) 2013-09-04

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[25] EN
[54] **METHOD FOR THE REMOVAL AND CONTROL OF ARTHROPOD INFESTATION IN INTERIOR DWELLINGS**
[54] **PROCEDE D'ELIMINATION ET DE DESTRUCTION D'INFESTATIONS D'ARTHROPODES DANS DES HABITATIONS INTERIEURES**
[72] DEEB, THOMAS M., US
[72] BEUG-DEEB, MARIA U.D., US
[73] MARIA BEUG-DEEB INC. D/B/A T&M ASSOCIATES, US
[85] 2015-03-10
[86] 2013-09-13 (PCT/US2013/059581)
[87] (WO2014/043428)
[30] US (61/700,412) 2012-09-13

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[51] **Int.Cl. A42B 3/30 (2006.01) A42B 3/00 (2006.01) A42B 3/04 (2006.01)**
[25] EN
[54] **PROTECTIVE HEADWEAR ASSEMBLY HAVING A BUILT-IN CAMERA**
[54] **ENSEMBLE COIFFURE DE PROTECTION QUI COMPORTE UNE CAMERA INTEGREE**
[72] RATNER, COREY, US
[72] RATNER, RYAN, US
[72] HAYES, CONAN, US
[73] BELL SPORTS, INC., US
[85] 2015-03-18
[86] 2013-09-18 (PCT/US2013/060359)
[87] (WO2014/047146)
[30] US (61/702,739) 2012-09-18

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[13] C
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[25] EN
[54] **SPREADING DEVICE**
[54] **DISPOSITIF D'ETALEMENT**
[72] MCIVER, ANDREW, CA
[72] EYDELNANT, IRWIN, CA
[72] GELLER, BRANDON, CA
[72] JEN, CHAO-KAI, CA
[73] CHAMPIONS OF BUTTER, INC., CA
[86] (2885436)
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[54] **ONE-PIECE CONNECTING ROD AND PRODUCTION METHOD THEREOF**
[54] **BIELLE MONOBLOC ET SON PROCEDE DE FABRICATION**
[72] BOVEROUX, BENOIT, BE
[72] DARDENNE, DANIEL, BE
[73] BD INVENT SA, BE
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[54] **IMAGE PROCESSING DEVICE AND METHOD**
[54] **DISPOSITIF ET METHODE DE TRAITEMENT D'IMAGE**
[72] SUZUKI, TERUHIKO, JP
[72] HIRABAYASHI, MITSUHIRO, JP
[72] NAKANO, TAKEHIKO, JP
[73] SONY CORPORATION, JP
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[25] EN
[54] **DEVICE FOR PREVENTING EXCESSIVE SPEED OF A DOOR LEAF CAUSED BY A POWER ACCUMULATOR**
[54] **DISPOSITIF PERMETTANT D'EVITER UNE VITESSE EXCESSIVE D'UN BATTANT DE PORTE DUE A UN ACCUMULATEUR D'ENERGIE**
[72] SAX, PETER, CH
[72] STOCKER, HANSUELI, CH
[73] INVENTIO AG, CH
[85] 2015-04-01
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[25] EN
[54] **GLUCOSE RESPONSIVE HYDROGEL COMPRISING PBA-GRAFTED HYALURONIC ACID (HA)**
[54] **HYDROGEL REAGISSANT AU GLUCOSE COMPRENANT L'ACIDE HYALURONIQUE (HA) SUR LEQUEL EST GREFFE PBA**
[72] AUZELY-VELTY, RACHEL, FR
[72] HACHET, EMILIE, FR
[72] CATARGI, BOGDAN, FR
[72] RAVAINE, VALERIE, FR
[72] MESSAGER, LEA, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] UNIVERSITE JOSEPH FOURIER - GRENOBLE 1, FR
[85] 2015-04-02
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[25] EN
[54] **MULTIPLE SLOT PLACE AND PICK CARRIER**
[54] **SUPPORT DE POSITIONNEMENT ET DE PRELEVEMENT A FENTES MULTIPLES**
[72] POLLACK, BENJAMIN S., US
[73] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2015-04-09
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[54] **GSK3 INHIBITORS AND METHODS OF USE THEREOF**
[54] **INHIBITEURS DE GSK3 ET LEURS PROCEDES D'UTILISATION**
[72] WAGNER, FLORENCE FEVRIER, US
[72] PAN, JENNIFER Q., US
[72] DANDAPANI, SIVARAMAN, US
[72] GERMAIN, ANDREW, US
[72] HOLSON, EDWARD, US
[72] MUNOZ, BENITO, US
[72] NAG, PARTHA P., US
[72] WEIWER, MICHEL, US
[72] LEWIS, MICHAEL C., US
[72] HAGGARTY, STEPHEN J., US
[72] BISHOP, JOSHUA A., US
[72] STEGMAIER, KIMBERLY, US
[72] BANERJI, VERSHA, CA
[73] THE BROAD INSTITUTE, INC., US
[73] DANA-FARBER CANCER INSTITUTE, INC., US
[73] THE GENERAL HOSPITAL CORPORATION D/B/A MASSACHUSETTS GENERAL HOSPITAL, US
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[25] EN
[54] **SODIUM CHANNEL BLOCKERS, PREPARATION METHOD THEREOF AND USE THEREOF**
[54] **BLOQUEURS DE CANAL SODIQUE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION**
[72] KIM, HA YOUNG, KR
[72] KIM, IN WOO, KR
[72] JUN, SUN AH, KR
[72] NA, YUN SOO, KR
[72] LEE, HYUNG GEUN, KR
[72] CHO, MIN JAE, KR
[72] LEE, JUN HEE, KR
[72] KIM, HYO SHIN, KR
[72] YOON, YUN SOO, KR
[72] CHUNG, KYUNG HA, KR
[72] KIM, JI DUCK, KR
[73] DAEWOONG PHARMACEUTICAL CO., LTD., KR
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[54] **SIDE-BY-SIDE VEHICLE**
[54] **VEHICULE BIPLACE COTE A COTE**
[72] DECKARD, AARON D., US
[72] SWAIN, PHILLIP B., US
[72] IVES, ANDY T., US
[72] HOUKOM, AUSTIN L., US
[72] PETERSON, SHAWN D., US
[72] STEINMETZ, GORDON J., US
[72] SCHLANGEN, ADAM J., US
[72] ROYTEK, CORRIE S., US
[72] GOFFMAN, DANIEL L., US
[72] JOHNSON, CLINTON A., US
[72] SCHLEIF, ANDREW C., US
[72] FIELDS, JASON R., US
[72] HANEGRAAF, THOMAS C., US
[72] KASTANEK, JOHN A., US
[72] ENDRIZZI, JAMES J., US
[72] JAEGER, RICKY G., US
[72] NYSSE, AARON J., US
[72] NUGTEREN, DANIEL J., US
[72] HURD, CHRIS J., US
[72] CARRUTH, CURTIS C., US
[72] STROBACH, DANIEL P., US
[73] POLARIS INDUSTRIES INC., US
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[54] **CLUSTERED VOLLEY METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL PAR SALVES GROUPEES**
[72] MADDESS, TEDDY LEE, AU
[72] JAMES, ANDREW CHARLES, AU
[72] CARLE, CORINNE FRANCES, AU
[73] KONAN MEDICAL USA INC, US
[85] 2015-04-15
[86] 2013-11-25 (PCT/AU2013/001358)
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[25] EN
[54] **CLOSED-SYSTEM CATHETER ASSEMBLY**
[54] **ENSEMBLE CATHETER A SYSTEME FERME**
[72] YEH, JONATHAN, US
[72] MANSOUR, GEORGE, US
[72] ZOLLINGER, CHRIS, US
[73] CAREFUSION 303, INC., US
[85] 2015-04-14
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[51] **Int.Cl. B29C 65/02 (2006.01) B29C 70/68 (2006.01)**
[25] EN
[54] **JOINING COMPOSITE COMPONENTS USING LOW TEMPERATURE THERMOPLASTIC FILM FUSION**
[54] **RATTACHEMENT DE COMPOSANTS COMPOSITES A L'AIDE D'UNE FUSION DE FILM THERMOPLASTIQUE BASSE TEMPERATURE**
[72] WONG, SHARON, US
[72] RUBIN, ALEXANDER M., US
[72] HEINZ, STEPHEN R., US
[73] THE BOEING COMPANY, US
[85] 2015-04-21
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[54] **SEED FIRMER**
[54] **DISPOSITIF DE TASSEMENT DE GRAINES**
[72] HODEL, JEREMY, US
[72] LEVY, KENT, US
[73] PRECISION PLANTING LLC, US
[85] 2015-04-21
[86] 2013-10-24 (PCT/US2013/066652)
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[25] EN
[54] **LASER METAL DEPOSITION WELDING OF AUTOMOTIVE PARTS**
[54] **SOUDURE LASER AVEC APPORT DE METAL DE PIECES AUTOMOBILES**
[72] HANSCHMANN, FLORIAN, CA
[72] MAGDA, JEREMY BRIAN, CA
[72] SMITH, KEVIN DALE, US
[73] MAGNA INTERNATIONAL INC., CA
[85] 2015-04-20
[86] 2013-10-24 (PCT/US2013/066494)
[87] (WO2014/066569)
[30] US (61/718,089) 2012-10-24

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[51] **Int.Cl. B23K 26/20 (2014.01) B23K 26/322 (2014.01) B23K 26/24 (2014.01) B23K 26/32 (2014.01)**
[25] EN
[54] **LASER METAL DEPOSITION CLADDING OF WELD SEAMS IN AUTOMOTIVE PARTS**
[54] **REVETEMENT DE DEPOT METALLIQUE PAR LASER DE CORDONS DE SOUDURE DANS DES PIECES AUTOMOBILES**
[72] HANSCHMANN, FLORIAN, CA
[72] MAGDA, JEREMY BRIAN, CA
[72] SMITH, KEVIN DALE, US
[73] MAGNA INTERNATIONAL INC., CA
[85] 2015-04-20
[86] 2013-10-24 (PCT/US2013/066522)
[87] (WO2014/066584)
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[51] **Int.Cl. C07D 217/04 (2006.01) C01B 11/22 (2006.01) C01G 55/00 (2006.01) C07C 13/465 (2006.01)**
[25] EN
[54] **THE SYNTHESIS OF TETRAHYDROISOQUINOLINES FROM 2-METHYL-1-PHENYL SUBSTITUTED INDENES**
[54] **SYNTHESE DE TETRAHYDROISOQUINOLINES A PARTIR D'INDENES SUBSTITUES PAR 2-METHYL-1-PHENYLE**
[72] ROSOCHA, GREGORY, CA
[72] BATEY, ROBERT, A., CA
[73] ROSOCHA, GREGORY, CA
[85] 2015-04-20
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[51] **Int.Cl. A61M 5/168 (2006.01)**
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[54] **IMPROVED IMAGE ACQUISITION FOR MEDICAL DOSE PREPARATION SYSTEM**
[54] **ACQUISITION D'IMAGES AMELIOREE POUR SYSTEME DE PREPARATION DE DOSE MEDICALE**
[72] WEBER, WESLEY J., US
[73] BAXTER CORPORATION ENGLEWOOD, US
[85] 2015-04-22
[86] 2013-03-15 (PCT/US2013/032497)
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[30] US (61/719,235) 2012-10-26

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[51] **Int.Cl. G01R 31/08 (2020.01) H04B 3/46 (2015.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MONITORING A CONDITION OF ELECTRICAL CABLES**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE D'UN ETAT DE CABLES ELECTRIQUES**
[72] FANTONI, PAOLO FRANCO, IT
[73] WIRESCAN AS, NO
[85] 2015-04-23
[86] 2013-10-23 (PCT/NO2013/050182)
[87] (WO2014/065674)
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[51] **Int.Cl. C21D 9/00 (2006.01) C23C 8/26 (2006.01) C23C 10/02 (2006.01) C23C 10/36 (2006.01) F16B 25/00 (2006.01)**
[25] EN
[54] **A PROCESS FOR MANUFACTURING A FIXING DEVICE COMPRISING NITRIDING AND SHERADIZING STEPS**
[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF DE FIXATION COMPRENANT DES ETAPESDE NITRURATION ET DE SHERARDISATION**
[72] BICKFORD, CHARLES, GB
[72] CLEMENT, ROBERT JAMES, GB
[73] EXCALIBUR SCREWBOLTS LIMITED, GB
[85] 2015-05-01
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[51] **Int.Cl. H01Q 7/08 (2006.01)**
[25] EN
[54] **NON-STATIONARY MAGNETIC FIELD EMITTER, ITS CONNECTION IN SYSTEM AND DATA MODULATION METHOD**
[54] **EMETTEUR DE CHAMP MAGNETIQUE NON STATIQUE, SA CONNEXION DANS UN SYSTEME ET PROCEDE DE MODULATION DE DONNEES**
[72] FLOREK, MIROSLAV, SK
[72] MAJER, LIBOR, SK
[72] HUBINAK, EMIL, SK
[73] SMK-LOGOMOTION CORPORATION, JP
[85] 2015-05-05
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[25] EN
[54] **VACUUM NOZZLE WITH INTEGRATED LIGHT**
[54] **BUSE D'ASPIRATION COMPORTANT UN ECLAIRAGE INTEGRE**
[72] SCHULTZ, DOUGLAS C., US
[72] TOMASIAK, MARK, US
[72] HILL, JASON, US
[73] EMERSON ELECTRIC CO., US
[86] (2890744)
[87] (2890744)
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[51] **Int.Cl. A61K 31/4178 (2006.01) A61P 9/12 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **1,3-DIHYDROIMIDAZOLE-2-THIONE DERIVATIVES FOR USE IN THE TREATMENT OF PULMONARY ARTERIAL HYPERTENSION AND LUNG INJURY**
[54] **DERIVES DE 1,3-DIHYDROIMIDAZOLE-2-THIONE UTILISABLES DANS LE TRAITEMENT DE L'HYPERTENSION ARTERIELLE PULMONAIRE ET DES LESIONS PULMONAIRES**
[72] SOARES DA SILVA, PATRICIO MANUEL VIEIRA ARAUJO, PT
[72] BONIFACIO, MARIA JOAO MACEDO DA SILVA, PT
[73] BIAL - PORTELA & Cª, S.A., PT
[85] 2015-05-08
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[25] EN
[54] **PROCESS FOR PREPARING SELF-DISPERSING PIGMENTS**
[54] **PROCEDE DE PREPARATION DE PIGMENTS AUTO-DISPERSIBLES**
[72] VANHECKE, FRANCK ANDRE, BE
[72] CHINN, MITCHELL SCOTT, US
[73] THE CHEMOURS COMPANY FC, LLC, US
[85] 2015-05-11
[86] 2013-10-24 (PCT/US2013/066484)
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[54] **ANTIMICROBIAL AGENTS**
[54] **AGENTS ANTIMICROBIENS**
[72] LAVOIE, EDMOND J., US
[72] PARHI, AJIT, US
[72] PILCH, DANIEL S., US
[72] ZHANG, YONGZHENG, US
[72] KAUL, MALVIKA, US
[73] TAXIS PHARMACEUTICALS, INC., US
[73] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2015-05-07
[86] 2013-11-08 (PCT/US2013/069316)
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[30] US (61/724,182) 2012-11-08

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[51] **Int.Cl. D21H 17/07 (2006.01) C09C 1/36 (2006.01) D21H 17/67 (2006.01) D21H 17/69 (2006.01)**
[25] EN
[54] **DECOR PAPER COMPRISING SELF-DISPERSING PIGMENTS**
[54] **PAPIER DECORATIF COMPRENANT DES PIGMENTS AUTO-DISPERSANTS**
[72] VANHECKE, FRANCK ANDRE, BE
[72] CHINN, MITCHELL SCOTT, US
[73] THE CHEMOURS COMPANY FC, LLC, US
[85] 2015-05-11
[86] 2013-10-24 (PCT/US2013/066492)
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[13] C
[51] **Int.Cl. A61M 1/36 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR MONITORING AN EXTRACORPOREAL BLOOD CIRCUIT FOR THE DETECTION OF AIR BUBBLES**
[54] **DISPOSITIF ET PROCEDE DE SURVEILLANCE D'UN CIRCUIT SANGUIN EXTRACORPOREL POUR DETECTER DES BULLES D'AIR**
[72] GAGEL, ALFRED, DE
[72] WIESEN, GERHARD, DE
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2015-05-12
[86] 2013-11-19 (PCT/EP2013/003478)
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[30] DE (10 2012 024 341.3) 2012-12-13
[30] US (61/736,672) 2012-12-13

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[51] **Int.Cl. G01F 1/36 (2006.01) G01F 1/44 (2006.01) G01F 1/50 (2006.01) G01F 1/74 (2006.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR MULTIPHASE FLOW MEASUREMENTS IN THE PRESENCE OF PIPE-WALL DEPOSITS**
[54] **PROCEDE ET APPAREIL POUR DES MESURES D'ECOULEMENT POLYPHASIQUE EN PRESENCE DE DEPOTS SUR LA PAROI DE TUYAU**
[72] WEE, ARNSTEIN, NO
[72] GUNDERSEN, KENNETH, NO
[73] FMC KONGSBERG SUBSEA AS, NO
[85] 2015-05-12
[86] 2013-11-21 (PCT/NO2013/050205)
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[30] NO (20121398) 2012-11-21

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[54] **BLOWER DRIVE SYSTEM FOR A VACUUM TRUCK**
[54] **SYSTEME D'ENTRAINEMENT DE SOUFFLERIE DESTINE A UN CAMION ASPIRATEUR**
[72] HINDE, JASON DOUGLAS, CA
[73] TRINITY GROUP LTD., CA
[86] (2891727)
[87] (2891727)
[22] 2015-05-19

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[13] C
[51] **Int.Cl. H01L 31/042 (2014.01)**
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[54] **PHOTOVOLTAIC TILE**
[54] **TUILE PHOTOVOLTAIQUE**
[72] BROFFERIO, SERGIO, IT
[72] CANETTA, VITTORIO, IT
[73] HOBBYT SRL, IT
[85] 2015-05-14
[86] 2013-12-05 (PCT/IB2013/060657)
[87] (WO2014/087362)
[30] IT (MI2012A002087) 2012-12-06

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[13] C
[51] **Int.Cl. H04L 12/863 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRAFFIC MANAGEMENT SCHEDULING**
[54] **METHODE ET APPAREIL SERVANT A ETABLIR UN HORAIRE DE GESTION DU TRAFIC**
[72] YANG, MINHUA, CN
[72] XIE, XIAOLONG, CN
[72] SONG, JUNHUI, CN
[73] ZTE CORPORATION, CN
[85] 2015-05-15
[86] 2013-08-28 (PCT/CN2013/082485)
[87] (WO2014/075489)
[30] CN (201210470661.1) 2012-11-19

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[51] **Int.Cl. C07C 311/21 (2006.01) A61K 31/18 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED BIARYL SULFONAMIDES AND THE USE THEREOF**
[54] **SULFONAMIDES BIARYLIQUES SUBSTITUES ET LEUR UTILISATION**
[72] FUNG, LEAH M., US
[72] SWINDLEHURST, CATHY A., US
[72] CHAN, KYLE W.H., US
[72] SULLIVAN, ROBERT W., US
[73] NOVOMEDIX, LLC, US
[85] 2015-05-22
[86] 2013-11-27 (PCT/US2013/072303)
[87] (WO2014/085633)
[30] US (61/732,218) 2012-11-30

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[13] C
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[25] EN
[54] **METHOD AND SYSTEM FOR IDENTIFYING DEFECTS IN GLASS**
[54] **PROCEDE ET SYSTEME POUR IDENTIFIER DES DEFAUTS DANS DU VERRE**
[72] VILAIN, LAURENT, FR
[72] BILLERT, ULRICH, FR
[72] PEYRUDE, ANTOINE, FR
[73] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2015-05-22
[86] 2012-11-28 (PCT/IB2012/002518)
[87] (WO2014/083371)

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[13] C
[51] **Int.Cl. B01L 7/00 (2006.01) B01L 3/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR CARRYING OUT AN ASSAY TO DETECT A NUCLEIC ACID IN A SAMPLE**
[54] **DISPOSITIF ET PROCEDE POUR EFFECTUER UNE ANALYSE AFIN DE DETECTER UN ACIDE NUCLEIQUE DANS UN ECHANTILLON**
[72] GUTSELL, GRAHAM, GB
[72] WAKELEY, PHILIP, GB
[73] THE SECRETARY OF STATE FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS, GB
[85] 2015-05-27
[86] 2013-12-03 (PCT/GB2013/053192)
[87] (WO2014/087149)
[30] GB (1221726.1) 2012-12-03

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[13] C
[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **ABUTMENT AND METHOD OF ATTACHING AN ABUTMENT TO A DENTAL IMPLANT**
[54] **PILIER ET PROCEDE DE FIXATION D'UN PILIER A UN IMPLANT DENTAIRE**
[72] FISCHER, THOMAS, CH
[72] PETERSON, HENRIK, CH
[72] SOLLBERGER, DAVID, CH
[72] ERIKSSON, THOMAS, SE
[72] JORNEUS, LARS, SE
[72] HAUS, ADRIAN, CH
[72] BRUNELL, MIKAEL, SE
[73] NOBEL BIOCARE SERVICES AG, CH
[85] 2015-05-28
[86] 2013-12-17 (PCT/EP2013/003807)
[87] (WO2014/095034)
[30] GB (GB1223202.1) 2012-12-21

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[51] **Int.Cl. G07F 17/32 (2006.01) G07F 17/34 (2006.01) G09F 13/04 (2006.01)**
[25] EN
[54] **ILLUMINATED FRAME SYSTEM**
[54] **SYSTEME DE CADRE LUMINEUX**
[72] GAWEL, MAREK, AT
[72] WOLS, MARTIN, AT
[72] MESUT, ATES, AT
[73] NOVOMATIC AG, AT
[85] 2015-05-27
[86] 2013-11-28 (PCT/EP2013/003597)
[87] (WO2014/082748)
[30] DE (20 2012 011 537.5) 2012-11-29

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[51] **Int.Cl. B65D 1/02 (2006.01) B29B 11/14 (2006.01) B29C 45/16 (2006.01) B29C 49/06 (2006.01) B29C 49/08 (2006.01) B29C 49/22 (2006.01) B65D 1/00 (2006.01) B65D 1/40 (2006.01)**
[25] EN
[54] **CONTAINER WITH SYNTHETIC RESIN WINDOW, PREFORM, AND PREFORM INJECTION MOLDING APPARATUS**
[54] **RECIPIENT POURVU D'UNE FENETRE EN RESINE SYNTHETIQUE, PREFORME ET APPAREIL DE MOULAGE PAR INJECTION DE PREFORMES**
[72] SOYAMA, HIDEAKI, JP
[72] ISHII, YUSUKE, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2015-05-27
[86] 2013-11-30 (PCT/JP2013/082299)
[87] (WO2014/084391)
[30] JP (2012-263131) 2012-11-30

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[51] **Int.Cl. H04L 12/751 (2013.01) H04L 12/24 (2006.01) H04L 12/407 (2006.01) H04L 12/46 (2006.01)**
[25] EN
[54] **JOINING MEMBERSHIPS IN DISTRIBUTED COMPUTING SYSTEMS**
[54] **ADHESION A DES GROUPES D'APPARTENANCE DANS DES SYSTEMES D'INFORMATIQUE REPARTIE**
[72] AAHLAD, YETURU, US
[72] PARKIN, MICHAEL, GB
[72] AKHTAR, NAEEM, US
[73] WANDISCO, INC., US
[85] 2015-05-29
[86] 2013-10-04 (PCT/US2013/063454)
[87] (WO2014/105248)
[30] US (61/746,940) 2012-12-28
[30] US (13/837,366) 2013-03-15

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[51] **Int.Cl. B01D 15/10 (2006.01) C07C 7/12 (2006.01) C07C 7/13 (2006.01)**
[25] FR
[54] **METHOD FOR ISOLATING DIAMONDOIDS**
[54] **PROCEDE D'ISOLEMENT DE DIAMANDOIDES**
[72] SERRES-PIOLE, CORALIE, FR
[72] BERRUT, JEAN-BERNARD, FR
[73] TOTAL S.A., FR
[85] 2015-06-02
[86] 2013-12-10 (PCT/EP2013/076100)
[87] (WO2014/090809)
[30] FR (1261891) 2012-12-11

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 29/00 (2006.01) A61P 37/06 (2006.01) C07D 487/08 (2006.01) C07D 498/08 (2006.01) C07D 513/08 (2006.01)**
[25] EN
[54] **THERAPEUTICALLY ACTIVE PYRAZOLO-PYRIMIDINE DERIVATIVES AS INHIBITORS OF PHOSPHATIDYL-INOSITOL-4-KINASE IIIB (PI4KIIIB) ACTIVITY**
[54] **DERIVES DE PYRAZOLO-PYRIMIDINE THERAPEUTIQUEMENT ACTIFS COMME INHIBITEURS D'ACTIVITE DE PHOSPHATIDYLEINOSITOL-4-KINASE IIIB (PI4KIIIB)**
[72] FORD, DANIEL JAMES, GB
[72] FRANKLIN, RICHARD JEREMY, GB
[72] GHAWALKAR, ANANT RAMRAO, IN
[72] HORSLEY, HELEN TRACEY, GB
[72] HUANG, QIUYA, BE
[72] REUBERSON, JAMES THOMAS, GB
[72] VANDERHOYDONCK, BART, BE
[73] UCB BIOPHARMA SPRL, BE
[73] KATHOLIEKE UNIVERSITEIT LEUVEN, K.U.LEUVEN R&D, BE
[85] 2015-06-03
[86] 2013-12-20 (PCT/EP2013/077846)
[87] (WO2014/096423)
[30] GB (1223021.5) 2012-12-20
[30] GB (1301935.1) 2013-02-04

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[13] C
[51] **Int.Cl. D04H 1/4218 (2012.01) D04H 1/4226 (2012.01)**
[25] EN
[54] **A METHOD AND AN APPARATUS FOR MAKING MINERAL FIBRE PRODUCTS**
[54] **PROCEDE ET APPAREIL DE FABRICATION DE PRODUITS A BASE DE FIBRES MINERALES**
[72] ROSENBERG, GORM, DK
[72] WESTERBERG, CHRISTIAN, DK
[73] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2015-06-04
[86] 2013-12-05 (PCT/EP2013/075605)
[87] (WO2014/090669)
[30] EP (12196407.6) 2012-12-11

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[13] C
[51] **Int.Cl. C10G 1/06 (2006.01)**
[25] EN
[54] **HYDROTHERMAL HYDROCATALYTIC TREATMENT OF BIOMASS USING WATER TOLERANT CATALYSTS**
[54] **TRAITEMENT HYDROCATALYTIQUE HYDROTHERMIQUE DE BIOMASSE A L'AIDE DE CATALYSEUR TOLERANT A L'EAU**
[72] POWELL, JOSEPH BROUN, US
[72] KOMPLIN, GLENN CHARLES, US
[72] SMEGAL, JOHN ANTHONY, US
[72] JOHNSON, KIMBERLY ANN, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2015-06-08
[86] 2013-12-19 (PCT/US2013/076330)
[87] (WO2014/100307)
[30] US (61/739,348) 2012-12-19

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[13] C
[51] **Int.Cl. F16C 33/04 (2006.01) F16C 17/00 (2006.01) F16C 43/02 (2006.01)**
[25] EN
[54] **AXEL BUSH**
[54] **COUSSINET D'AXE**
[72] MCKINNON, PETER, AU
[73] ROTACASTER WHEEL LIMITED, AU
[85] 2015-06-10
[86] 2013-12-20 (PCT/AU2013/001493)
[87] (WO2014/089642)
[30] US (61/915,340) 2013-12-12

[11] **2,894,665**
[13] C
[51] **Int.Cl. B01D 11/02 (2006.01)**
[25] EN
[54] **CONTINUOUS EXTRACTOR, CONCENTRATOR AND DRYER**
[54] **EXTRACTEUR, CONCENTRATEUR ET SECHEUR EN CONTINU**
[72] BUESE, MARK A., US
[72] STROHSCHEIN, RUDY, US
[73] BUESE, MARK A., US
[73] STROHSCHEIN, RUDY, US
[85] 2015-06-10
[86] 2013-12-12 (PCT/US2013/074559)
[87] (WO2014/093573)
[30] US (61/736,211) 2012-12-12
[30] US (13/840,546) 2013-03-15

[11] **2,894,756**
[13] C
[51] **Int.Cl. A01B 71/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF TRACTOR CONTROL BASED ON AGRICULTURAL IMPLEMENT PERFORMANCE**
[54] **SYSTEME ET PROCEDE DE LUTTE CONTRE LES VIBRATIONS AFFECTANT UN OUTIL AGRICOLE**
[72] KOWALCHUK, TREVOR, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[85] 2015-06-11
[86] 2013-09-20 (PCT/IB2013/002082)
[87] (WO2014/108722)
[30] US (13/739,394) 2013-01-11

[11] **2,895,473**
[13] C
[51] **Int.Cl. F24F 3/16 (2006.01) F24F 13/28 (2006.01)**
[25] EN
[54] **AIR FILTER ASSEMBLY**
[54] **ENSEMBLE FILTRE A AIR**
[72] CURSETJEE, ZAREER, US
[73] NORTEK AIR SOLUTIONS, LLC, US
[85] 2015-06-16
[86] 2013-12-16 (PCT/US2013/075434)
[87] (WO2014/099804)
[30] US (13/717,826) 2012-12-18

[11] **2,896,127**
[13] C
[51] **Int.Cl. A01J 5/017 (2006.01) A01J 7/04 (2006.01)**
[25] EN
[54] **TEAT TREATMENT METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE PIS**
[72] HOLMSTROM, KERSTIN, SE
[72] OLANDER, HENRIK, SE
[73] DELAVAL HOLDING AB, SE
[85] 2015-06-22
[86] 2014-02-05 (PCT/SE2014/050143)
[87] (WO2014/148972)
[30] SE (1350141-6) 2013-02-06
[30] US (61/761,317) 2013-02-06

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[13] C
[51] **Int.Cl. F16H 61/664 (2006.01) F16H 15/38 (2006.01) F16H 55/34 (2006.01)**
[25] EN
[54] **PLANETARY VARIATOR FOR A REVERSIBLE VARIABLE TRANSMISSION**
[54] **VARIATEUR PLANETAIRE POUR UNE TRANSMISSION A VARIATION REVERSIBLE**
[72] DE MAZIERE, FILIP, BE
[73] MAZARO NV, BE
[85] 2015-06-26
[86] 2013-12-26 (PCT/EP2013/078018)
[87] (WO2014/102300)
[30] GB (1223469.6) 2012-12-27

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[13] C
[51] **Int.Cl. G01V 1/40 (2006.01) G01V 1/36 (2006.01)**
[25] EN
[54] **ACTIVE ATTENUATION OF VIBRATIONS RESULTING FROM FIRING OF ACOUSTIC SOURCES**
[54] **ATTENUATION ACTIVE DE VIBRATIONS RESULTANT DU TIR DE SOURCES ACOUSTIQUES**
[72] PABON, JAHIR, US
[72] CASOETTO, GREGOIRE, FR
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2015-07-06
[86] 2013-11-08 (PCT/US2013/069061)
[87] (WO2014/109823)
[30] US (13/736,724) 2013-01-08

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[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/115 (2006.01)**
[25] EN
[54] **SEALANT DELIVERY DEVICE FOR ANASTOMOTIC STAPLER**
[54] **DISPOSITIF D'ADMINISTRATION D'UNE COLLE POUR AGRAFEUSE ANASTOMOTIQUE**
[72] WEADOCK, KEVIN, US
[72] TRANGONE, KEVIN D., US
[72] KRIKSUNOV, LEO B., US
[72] TANNHAUSER, ROBERT J., US
[73] ETHICON, INC., US
[85] 2015-07-16
[86] 2014-01-15 (PCT/US2014/011574)
[87] (WO2014/113414)
[30] US (13/745,948) 2013-01-21

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[51] **Int.Cl. G01N 15/02 (2006.01)**
[25] EN
[54] **ACOUSTIC IMPACT PARTICLE SIZE MEASUREMENT**
[54] **MESURE DE LA TAILLE PARTICULAIRE D'IMPACT ACOUSTIQUE**
[72] NEWTON, DAVID V., US
[72] FERNALD, MARK R., US
[73] CIDRA CORPORATE SERVICES INC., US
[85] 2015-07-21
[86] 2014-01-22 (PCT/US2014/012510)
[87] (WO2014/116675)
[30] US (61/755,305) 2013-01-22

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[25] EN
[54] **NON-DAIRY FORMULAE**
[54] **PREPARATION NON LACTEE POUR NOURRISSONS**
[72] KESLER, URIEL, IL
[72] YITZHAK, HAMUTAL, IL
[73] ELSE NUTRITION GH LTD, IL
[85] 2015-07-22
[86] 2014-02-12 (PCT/IL2014/050153)
[87] (WO2014/125485)
[30] US (61/763,705) 2013-02-12

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[13] C
[51] **Int.Cl. E04G 7/30 (2006.01) E04G 3/00 (2006.01)**
[25] EN
[54] **PLURAL-STORY, PIPE-SUPPORT FRAME SYSTEM WITH MODULAR, REMOVABLY ATTACHABLE, LATERAL-WORKER-SUPPORT SCAFFOLDING.**
[54] **CHASSIS DE SUPPORT DE CONDUITES A PLUSIEURS ETAGES AVEC SYSTEME D'ECHAFAUDAGE LATERAL MODULAIRE AMOVIBLE POUR TRAVAILLEURS.**
[72] SIMMONS, ROBERT J., US
[72] SIMMONS, MAXWELL C., US
[73] CONXTECH, INC., US
[85] 2015-07-22
[86] 2014-01-22 (PCT/US2014/012463)
[87] (WO2014/116648)
[30] US (61/755,974) 2013-01-24

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[13] C
[51] **Int.Cl. A62C 2/00 (2006.01)**
[25] EN
[54] **FIRE AND SMOKE CONTAINMENT AND EXTINGUISHING APPARATUS**
[54] **APPAREIL DE MAITRISE ET D'EXTINCTION DE FEU ET DE FUMEES**
[72] BURKETT, BRIAN, US
[73] BURKETT, BRIAN, US
[85] 2015-07-23
[86] 2013-12-05 (PCT/US2013/073268)
[87] (WO2014/116354)
[30] US (61/756,776) 2013-01-25
[30] US (13/840,075) 2013-03-15

[11] **2,899,175**
[13] C
[51] **Int.Cl. A62C 35/62 (2006.01) A62C 35/68 (2006.01)**
[25] EN
[54] **FIREFIGHTING INSTALLATION INCLUDING A NETWORK OF VACUUM SPRINKLERS THAT CAN BE TRIPPED BY AN ACTUATOR OPERATED BY A MEMBRANE-MASTER ACTUATOR**
[54] **INSTALLATION DE LUTTE CONTRE LES INCENDIES, INCLUANT UN RESEAU DE SPRINKLERS SOUS VIDE, SUSCEPTIBLES D'ETRE DECLENCHES PAR UN ACTUATEUR PILOTE PAR UN ACTIONNEUR MAITRE A MEMBRANE**
[72] KADOCHE, MAURICE, FR
[73] KADOCHE, MAURICE, FR
[73] VACTEC, FR
[85] 2015-07-23
[86] 2014-02-13 (PCT/FR2014/050285)
[87] (WO2014/128388)
[30] FR (1351519) 2013-02-21

[11] **2,899,573**
[13] C
[51] **Int.Cl. C08L 53/00 (2006.01) A43B 13/04 (2006.01) C08L 23/04 (2006.01) C08L 23/10 (2006.01)**
[25] EN
[54] **THERMOPLASTIC POLYMER COMPOSITION, SHOES AND OUTER SOLES**
[54] **COMPOSITION DE POLYMERE THERMOPLASTIQUE, CHAUSSURES ET SEMELLES EXTERIEURES**
[72] AKAHORI, YOSUKE, JP
[72] KONISHI, DAISUKE, JP
[73] KURARAY CO., LTD., JP
[85] 2015-07-28
[86] 2014-02-05 (PCT/JP2014/052691)
[87] (WO2014/123163)
[30] JP (2013-021663) 2013-02-06

[11] **2,899,675**
[13] C
[51] **Int.Cl. F01D 5/22 (2006.01) F01D 5/28 (2006.01)**
[25] FR
[54] **ROTOR BLADE WITH APPLICATION OF ANTI-WEAR MATERIAL**
[54] **AUBE DE ROTOR AVEC DEPOT DE MATERIAU ANTI-USURE**
[72] NEGRI, ARNAUD, FR
[72] BARD, ROMAIN, FR
[72] BENSALAH, SLIM, FR
[72] GIMEL, ALEXANDRE, FR
[72] LARDELLIER, THOMAS, FR
[72] TRAHOT, DENIS GABRIEL, FR
[73] SNECMA, FR
[85] 2015-07-29
[86] 2014-01-23 (PCT/FR2014/050129)
[87] (WO2014/118456)
[30] FR (1350887) 2013-02-01

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[13] C
[51] **Int.Cl. B42D 15/00 (2006.01) B42D 25/00 (2014.01) B41M 3/14 (2006.01)**
[25] EN
[54] **SECURITY DEVICES AND METHODS OF MANUFACTURE THEREOF**
[54] **DISPOSITIFS DE SECURITE ET LEURS PROCEDES DE FABRICATION**
[72] HOLMES, BRIAN, GB
[73] DE LA RUE INTERNATIONAL LIMITED, GB
[85] 2015-07-29
[86] 2014-02-03 (PCT/GB2014/050283)
[87] (WO2014/118568)
[30] GB (1301788.4) 2013-02-01

[11] **2,899,790**
[13] C
[51] **Int.Cl. D21F 7/00 (2006.01) D21G 9/00 (2006.01)**
[25] EN
[54] **SHEET EDGE TRIMMING AND REMOVAL FROM A STRUCTURED PAPER FABRIC**
[54] **ROGNURE DE BORDS DE FEUILLE ET LE RETRAIT D'UN TISSU DE PAPIER STRUCTURE**
[72] RAINES, DAVID DREW, US
[72] ANAND, FARMINDER S., US
[72] KENNEDY, THEODORE D., US
[72] VELDHUIZEN, DAVID S., US
[72] HUNTER, MARK S., US
[72] BAUMGARTNER, DEAN J., US
[73] GPCP IP HOLDINGS LLC, US
[85] 2015-07-29
[86] 2014-02-20 (PCT/US2014/017320)
[87] (WO2014/178939)
[30] US (61/789,747) 2013-03-15
[30] US (14/173,403) 2014-02-05

[11] **2,899,793**
[13] C
[51] **Int.Cl. H01R 24/38 (2011.01) H01R 9/05 (2006.01)**
[25] EN
[54] **RESILIENT O-RING PROVIDING CONTINUOUS ELECTRICAL GROUNDING FOR COAXIAL CABLE CONNECTOR**
[54] **JOINT TORIQUE RESILIENT FOURNISSANT UNE MISE A LA TERRE ELECTRIQUE CONTINUE DE CONNECTEUR DE CABLE COAXIAL**
[72] MONTENA, NOAH, US
[72] EHRET, TREVOR, US
[72] HAUBE, RICHARD, US
[72] ZRAIK, SOUHEIL, US
[73] PPC BROADBAND, INC., US
[86] (2899793)
[87] (2899793)
[22] 2012-03-29
[62] 2,831,726
[30] US (13/075,406) 2011-03-30

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[13] C
[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/454 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) C07D 409/14 (2006.01)**
[25] EN
[54] **PYRAZOLYLBENZO[D]IMIDAZOLE DERIVATIVES**
[54] **DERIVES DE PYRAZOLYLBENZO[D]IMIDAZOLE**
[72] ZDZALIK, DARIA, PL
[72] LIPNER, JOANNA, PL
[72] WIECZOREK, MACIEJ, PL
[72] DZWONEK, KAROLINA, PL
[72] YAMANI, ABDELLAH, PL
[72] DUBIEL, KRZYSZTOF, PL
[72] LAMPARSKA-PRZYBYSZ, MONIKA, PL
[72] GRYGIELEWICZ, PAULINA, PL
[72] STANCZAK, ALEKSANDRA, PL
[73] CELON PHARMA S.A., PL
[85] 2015-08-07
[86] 2014-03-07 (PCT/IB2014/059515)
[87] (WO2014/141015)
[30] PL (403149) 2013-03-14

[11] **2,901,746**
[13] C
[51] **Int.Cl. F24S 23/79 (2018.01) F24S 20/20 (2018.01) F24S 30/45 (2018.01) F24S 70/60 (2018.01)**
[25] EN
[54] **SOLAR TRACKING CONCENTRATOR**
[54] **CONCENTRATEUR A POURSUITE SOLAIRE**
[72] KIM, BYUNGGYUN, KR
[73] KIM, BYUNGGYUN, KR
[85] 2015-08-18
[86] 2014-01-09 (PCT/KR2014/000256)
[87] (WO2014/126340)
[30] KR (10-2013-0017184) 2013-02-18

[11] **2,901,749**
[13] C
[51] **Int.Cl. F24S 60/00 (2018.01) F24S 20/20 (2018.01) F24S 80/60 (2018.01) F28D 20/00 (2006.01)**
[25] EN
[54] **METAL HEAT STORAGE APPARATUS**
[54] **APPAREIL METALLIQUE D'ACCUMULATION DE CHALEUR**
[72] KIM, BYUNGGYUN, KR
[73] KIM, BYUNGGYUN, KR
[85] 2015-08-18
[86] 2014-01-10 (PCT/KR2014/000321)
[87] (WO2014/126342)
[30] KR (10-2013-0017182) 2013-02-18

[11] **2,902,421**
[13] C
[51] **Int.Cl. F16G 5/20 (2006.01) B32B 7/022 (2019.01) B32B 3/30 (2006.01) B32B 25/02 (2006.01) F16G 5/06 (2006.01) F16H 9/18 (2006.01)**
[25] EN
[54] **POWER TRANSMISSION BELT AND BELT-TYPE CONTINUOUSLY VARIABLE TRANSMISSION**
[54] **COURROIE DE TRANSMISSION ET TRANSMISSION VARIABLE CONTINUE DE TYPE COURROIE**
[72] KAGEYAMA, MIKIO, JP
[72] TAKABA, SUSUMU, JP
[72] ISHIGURO, HISATO, JP
[72] MATSUMOTO, HIDEYUKI, JP
[73] MITSUBOSHI BELTING LTD., JP
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[54] **SYSTEM AND METHOD FOR CONTROLLING AND OPTIMIZING THE HYDROTHERMAL UPGRADING OF HEAVY CRUDE OIL AND BITUMEN**
[54] **SYSTEME ET PROCEDE POUR LA COMMANDE ET L'OPTIMISATION DE LA VALORISATION HYDROTHERMIQUE DE PETROLE BRUT LOURD ET DE BITUME**
[72] TRYGSTAD, W. MARCUS, US
[73] ADURO ENERGY, INC., CA
[73] TRYGSTAD, W. MARCUS, US
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[54] **DISPOSITIF ET SYSTEME SOUS-MARIN DE DISTRIBUTION D'ENERGIE**
[72] STROMSVIK, TORBJORN, NO
[72] ERETVEIT, RAGNAR, NO
[72] JEMTLAND, OLA, NO
[73] FMC KONGSBERG SUBSEA AS, NO
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[72] NAKAMURA, KAZUYOSHI, JP
[72] OTA, HIROSHI, JP
[73] MITSUBISHI MATERIALS CORPORATION, JP
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[54] **COMPOSITION D'HYDROCARBURE RENOUVELABLE**
[72] NOUSIAINEN, JAAKKO, FI
[72] RISSANEN, ARTO, FI
[72] LAUMOLA, HELI, FI
[72] LINDBERG, TEEMU, FI
[73] UPM-KYMMENE CORPORATION, FI
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[54] **APPARATUS AND METHOD FOR PRODUCING A BIOCOMPATIBLE THREE-DIMENSIONAL OBJECT**
[54] **APPAREIL ET PROCEDE POUR PRODUIRE UN OBJET TRIDIMENSIONNEL BIOCOMPATIBLE**
[72] BACCHERETI, MARCO, IT
[72] BOSIO, LUCA, IT
[72] SOLDANI, GIORGIO, IT
[73] S.M. SCIENZIA MACHINALE S.R.L., IT
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[54] **PROCEDE ET APPAREIL DE RESTAURATION DE ELEMENTS DEFORMES SUR LES AUBES DE TURBINE A GAZ**
[72] NGUYEN-DINH, XUAN, MX
[72] SANDOVAL, ROBERTO FLORES, MX
[72] BLUMANSTOCK, BEN, US
[73] CHROMALLOY GAS TURBINE LLC, US
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[54] **DISPOSITIF POUR LA MANOEUVRE EN TRANSLATION D'UNE STRUCTURE MOBILE PAR RAPPORT A UN SUPPORT FIXE**
[72] DESPREZ, FRANCOIS, FR
[73] NOV-BLM, FR
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[72] ZAPOROWSKI, LEONARD F., US
[72] GARIEPY, CHRISTOPHER A., US
[72] MATACHE, CARMEN, US
[72] DARDUGNO, DIANA J., US
[73] STEPAN COMPANY, US
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[54] **DISPOSITIF ET PROCEDE D'UTILISATION D'UN EMBRAYAGE MAGNETIQUE DANS DES MOTEURS BLDC**
[72] MOSTOVOY, ALEXANDER, IL
[72] SHLAKHETSKI, VICTOR, IL
[73] INTELLITECH PTY LTD, AU
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[54] **EJECTION FUNCTION FOR A POSITIVE-DISPLACEMENT PIPETTING SYSTEM**
[54] **SYSTEME DE PIPETAGE A DEPLACEMENT POSITIF PRESENTANT UNE FONCTION D'EJECTION AMELIOREE**
[72] VOYEUX, CLAUDE, FR
[72] GUICHARDON, STEPHANE, FR
[73] GILSON SAS, FR
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[54] **METHOD FOR CLEANING PLATE HEAT EXCHANGER AND PLATE HEAT EXCHANGER**
[54] **PROCEDE DE NETTOYAGE D'ECHANGEUR DE CHALEUR A PLAQUES ET ECHANGEUR DE CHALEUR A PLAQUES**
[72] KESALA, VILLE, FI
[73] VAHTERUS OY, FI
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[54] **COUCHE DE CHROME FONCTIONNELLE AYANT UNE RESISTANCE A LA CORROSION AMELIOREE**
[72] FEISTENAUER, SEBASTIAN, DE
[72] WEISS, TINA, DE
[72] ALVAREZ, DAVID, DE
[72] ROST, MATTHIAS, DE
[73] ATOTECH DEUTSCHLAND GMBH, DE
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[54] **VEHICULE UTILITAIRE COTE A COTE**
[72] BJERKETVEDT, ERIC D., US
[72] JAEGER, RICKY G., US
[72] SWAIN, PHILLIP B., US
[72] STEINMETZ, GORDON J., US
[72] REED, JORDY A., US
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[54] **COIN DENTAIRE AMELIORE**
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[72] AUBONE, ALEJANDRO, NZ
[73] DENTSPLY INTERNATIONAL INC., US
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[54] **MATIERE VAPORISABLE**
[72] BANKS, GEOFF, GB
[72] CRAWFORD, KELLY, GB
[72] YILMAZ, UGURHAN, DE
[73] JT INTERNATIONAL SA, CH
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[54] **FORMULATIONS DE POUDRE SECHE ET PROCEDES D'UTILISATION**
[72] YADIDI, KAMBIZ, US
[73] OTITOPIC INC., US
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[54] **PROCEDE DE TRAITEMENT ET DE DIAGNOSTIC DE MALADIES MENANT A LA CECITE**
[72] BOYD, SHELLEY ROMAYNE, CA
[73] TRANSLATUM MEDICUS INC., CA
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[72] PELEMAN, GUIDO, BE
[73] UNIBIND LIMITED, CY
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[54] **UTILISATION DE LA DEXAMETHASONE A LIBERATION PROLONGEE DANS UNE INFLAMMATION APRES UNE CHIRURGIE DE LA CATARACTE**
[72] WONG, VERNON G., US
[72] WHITE, WILLIAM S., US
[72] HU, MAE W., US
[72] HUANG, GLENN T., US
[72] KARASINA, FAINA, US
[73] ICON BIOSCIENCE, INC., US
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[72] AYLIFFE, HAROLD E., US
[73] ORFLO TECHNOLOGIES, LLC, US
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[54] **EPAISSISSANT HYDROPHILE ET COMPOSITION COSMETIQUE**
[72] WAJIMA, AYAMI, JP
[72] MIZUKAWA, JUNICHI, JP
[72] MASUDA, TSUYOSHI, JP
[72] OZAWA, HITOSHI, JP
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
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[54] **AN IMPROVED METHOD AND DEVICE FOR MAKING A LATERAL OPENING OUT OF A WELLBORE**
[54] **PROCEDE AMELIORE ET DISPOSITIF DE REALISATION D'UNE OUVERTURE LATERALE SUR UN PUITS DE FORAGE**
[72] FREYER, RUNE, NO
[73] FISHBONES AS, NO
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[54] **SYSTEMES ET PROCEDES PERMETTANT D'ABSORBER DE L'ENERGIE**
[72] SICKING, DEAN, US
[73] THE UAB RESEARCH FOUNDATION, US
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[54] **SYSTEMES DE MOULAGE PAR INJECTION AYANT DES DISTRIBUTEURS A CANAUX CHAUDS CONTENANT DES CANAUX INTERNES SANS MATIERE FONDUE POUR PERMETTRE DES AMELIORATIONS DE CAPACITE DE FONCTIONNEMENT**
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[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
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[54] **METHOD FOR MANUFACTURING ANODIZED ALUMINUM ALLOY PARTS WITHOUT SURFACE DISCOLORATION**
[54] **PROCEDE DE FABRICATION DE PIECES D'ALUMINIUM ANODISE SANS DECOLORATION DE SURFACE**
[72] GLAMM, RYAN J., US
[72] WEBER, GARY R., US
[72] GANE, DAVID H., US
[72] JOHNSON, RICOLE A., US
[72] TOMT, TERRY C., US
[72] PUGH, AZZREAL, US
[72] KANE, DANIEL J., US
[72] VERGE, PETER D., US
[73] THE BOEING COMPANY, US
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[54] **COUVERCLE DE COMPRESSEUR CENTRIFUGE DE TURBOMACHINE APTE A ETRE FIXE PAR L'AVAL PRES DE SON BORD AMONT, TURBOMACHINE COMPORTANT CE COUVERCLE**
[72] BROMANN, ALAIN MARC LUCIEN, FR
[72] BENDERRADJI, KAMEL, FR
[72] REICHERT, PAMELA DOMINIQUE DANIELE, FR
[73] SNECMA, FR
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[54] **VERIFICATEUR DE MISE A LA TERRE A BORNE A RESISTANCE BIFILAIRE**
[72] VANGOOL, MICHAEL, US
[72] EL-KHARBAWE, NEHAD EL-SHERIF, US
[72] FENTY, GEORGE J., US
[73] LITTELFUSE, INC., US
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[72] MCGILL, HEATHER, GB
[73] BLOCK DRUG COMPANY INC., US
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[54] **SYSTEME ET PROCEDE DE COMMUNICATION TELEPHONIQUE**
[72] MULLIGAN, THOMAS B., IE
[72] SUDARSKA, ZHANNA, IE
[72] RUCHKO, MAKSYM, IE
[73] J2 GLOBAL IP LIMITED, IE
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[54] **APPAREIL DE ROBINET DE FREINAGE A PIED POUR UN SYSTEME DE FREINAGE DE VEHICULE LOURD**
[72] CELLURA, DANIEL J., US
[72] BRUBAKER, CHRISTOPHER L., US
[73] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[54] **PROCEDES DE DIAGNOSTIC ET DE TRAITEMENT DE PRE-ECLAMPSIE OU D'ECLAMPSIE**
[72] KARUMANCHI, S. ANANTH, US
[72] MAYNARD, SHARON, US
[72] SUKHATME, VIKAS P., US
[73] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US
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[54] **CABLE A FIBRE OPTIQUE POUR LA DETECTION PAR CAPTEUR ACOUSTIQUE DISTRIBUE A SENSIBILITE ACOUSTIQUE ACCRUE**
[72] TAVERNER, DOMINO, US
[72] GRUNBECK, JOHN J., US
[72] DUNPHY, JAMES R., US
[72] DOWD, EDWARD M., US
[72] KUCZMA, ANDREW S., US
[72] BOSTICK, FRANCIS X., III, US
[72] BAKER, MARK, US
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[25] EN
[54] **METHOD AND APPARATUS FOR ESTIMATION OF HEAT VALUE USING DUAL ENERGY X-RAY TRANSMISSION MEASUREMENTS AND X-RAY FLUORESCENCE MEASUREMENTS**
[54] **PROCEDE ET APPAREIL POUR ESTIMER UNE VALEUR CALORIFIQUE A L'AIDE DE MESURES DE TRANSMISSION DE RAYONS X A DOUBLE ENERGIE ET DE MESURES DE FLUORESCENCE DE RAYONS X**
[72] KULLENBERG, RAGNAR, SE
[72] TORGRIP, RALF, SE
[73] MANTEX IP AB, SE
[85] 2016-03-21
[86] 2013-10-11 (PCT/EP2013/071306)
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[54] **SECURE EQUIPMENT TRANSFER SYSTEM**
[54] **SYSTEME DE TRANSFERT D'EQUIPEMENT SECURISE**
[72] BALLY, ALEXANDER, US
[73] NEXXSPAN HEALTHCARE, LLC, US
[85] 2016-03-21
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[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/95 (2013.01)**
[25] EN
[54] **PROSTHETIC HEART VALVE AND DELIVERY APPARATUS**
[54] **VALVULE CARDIAQUE PROTHETIQUE ET APPAREIL DE MISE EN PLACE**
[72] ALON, DAVID, US
[72] BENICHOU, NETANEL, US
[72] MEIRI, ODED, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **NADIR/ZENITH INERTIAL POINTING ASSISTANCE FOR TWO-AXIS GIMBALS**
[54] **ASSISTANCE PAR POINTAGE INERTIEL NADIR/ZENITH POUR DES SUSPENSIONS A CARDAN BIAXIALES**
[72] NORMAN, WALTER W., US
[72] VILLARREAL, ARMANDO, US
[73] RAYTHEON COMPANY, US
[85] 2016-04-12
[86] 2014-08-25 (PCT/US2014/052498)
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[25] EN
[54] **PROPPANTS WITH IMPROVED STRENGTH**
[54] **AGENTS DE SOUTENEMENT A RESISTANCE AMELIOREE**
[72] BESTAOUI-SPURR, NAIMA, US
[72] QU, QI, US
[72] STEPHENSON, CHRISTOPHER J., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-04-12
[86] 2014-10-15 (PCT/US2014/060671)
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[25] EN
[54] **COMPOSITION FOR WEIGHT MANAGEMENT**
[54] **COMPOSITION POUR GESTION DU POIDS**
[72] O'HARA, STEPHEN PATRICK, GB
[73] OPTIBIOTIX LIMITED, GB
[85] 2016-05-05
[86] 2014-11-05 (PCT/GB2014/053288)
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[25] EN
[54] **BALL THROWING TRAINING AND STRENGTHENING DEVICE**
[54] **DISPOSITIF POUR L'ENTRAINEMENT AU LANCER DE BALLE ET LE RENFORCEMENT**
[72] CASTILLO, JESSE, JR., US
[73] J STICKS LLC, US
[85] 2016-05-06
[86] 2014-11-14 (PCT/US2014/065843)
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[30] US (61/904,917) 2013-11-15
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[51] **Int.Cl. B64C 11/30 (2006.01) B64C 11/16 (2006.01) B64C 11/20 (2006.01)**
[25] EN
[54] **SHAPE MEMORY ALLOY-ACTUATED PROPELLER BLADES AND SHAPE MEMORY ALLOY-ACTUATED PROPELLER ASSEMBLIES**
[54] **PALES D'HELICE ACTIONNEES PAR UN ALLIAGE A MEMOIRE DE FORME ET ENSEMBLES D'HELICE ACTIONNEE PAR UN ALLIAGE A MEMOIRE DE FORME**
[72] BIGBEE-HANSEN, WILLIAM J., US
[72] CLINGMAN, DAN J., US
[72] MABE, JAMES H., US
[73] THE BOEING COMPANY, US
[86] (2930404)
[87] (2930404)
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[25] EN
[54] **SOCIAL-MARKETPLACE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MARCHE ELECTRONIQUE-RESEAU SOCIAL**
[72] SALAMEH, MARK, US
[72] LINSENBACH, DEVIN, US
[73] FULLGLASS, INC., US
[85] 2016-05-12
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[25] EN
[54] **ALKYLENE OXIDE CATALYST AND USE THEREOF**
[54] **CATALYSEUR D'OXYDE D'ALKYLENE ET SON UTILISATION**
[72] NATAL, MANUEL A. W., US
[72] BHASIN, MADAN M., US
[72] SOO, HWAILI, US
[72] LIU, ALBERT C., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[86] (2931674)
[87] (2931674)
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[25] EN
[54] **A SHAVING BLADE CARTRIDGE**
[54] **CARTOUCHE DE LAME DE RASOIR**
[72] EFTHIMIADIS, DIMITRIOS, GR
[72] ZAFIROPOULOS, PANAGIOTIS, US
[72] BOZIKIS, IOANNIS, GR
[72] MOUSTAKAS, PANAGIOTIS, GR
[73] BIC-VIOLEX SA, GR
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[25] EN
[54] **IMPROVED BEARING ASSEMBLY FOR DOWNHOLE MOTOR HAVING FIRST AND SECOND THRUST BEARINGS**
[54] **ENSEMBLE A PALIERS PERFECTIONNE POUR MONTEUR DE FOND DOTE DES PREMIER ETSECOND PALIERS DE BUTEE**
[72] BAUDOIN, TOBY SCOTT, US
[73] KLX ENERGY SERVICES, LLC, US
[86] (2931947)
[87] (2931947)
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[25] EN
[54] **SYNERGETIC NOISE ABSORPTION AND ANTI-ICING FOR AIRCRAFTS**
[54] **ABSORPTION DE BRUIT SYNERGETIQUE ET ANTI-GIVRAGE DESTINES AUX AERONEFS**
[72] KHOZIKOV, VYACHESLAV, US
[72] LAN, JUSTIN H., US
[72] NESBITT, ERIC H., US
[72] FOLLET, JESSE I., US
[73] THE BOEING COMPANY, US
[86] (2932990)
[87] (2932990)
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[25] EN
[54] **SEALING SYSTEM FOR TANK ROTARY SHAFT**
[54] **SYSTEME D'ETANCHEITE POUR ARBRE DE RESERVOIR ROTATIF**
[72] LABRUM, DEANE, AU
[72] BELTRAME, DEAN, AU
[72] PELOQUIN, GUY, CA
[72] BOIVIN, ALAIN, CA
[73] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
[85] 2016-06-08
[86] 2014-12-04 (PCT/IB2014/002685)
[87] (WO2015/092506)
[30] EP (13005928.0) 2013-12-19

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[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/02 (2006.01)**
[25] EN
[54] **ROTATING MULTI-MONOLITH BED MOVEMENT SYSTEM FOR REMOVING CO2 FROM THE ATMOSPHERE**
[54] **SYSTEME DE MOUVEMENT DE LIT MULTI-MONOLITHE ROTATIF POUR RETIRER LE CO2 DE L'ATMOSPHERE**
[72] EISENBERGER, PETER, US
[73] CHICHILNISKY, GRACIELA, US
[85] 2016-06-07
[86] 2014-12-31 (PCT/US2014/073014)
[87] (WO2015/103401)
[30] US (61/922,338) 2013-12-31

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[51] **Int.Cl. H04L 29/08 (2006.01) H04N 21/40 (2011.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS, AND MEDIA FOR PROVIDING ACCESS CONTROL FOR A COMPUTING DEVICE**
[54] **PROCEDES, SYSTEMES, ET SUPPORTS, POUR FOURNIR UN CONTROLE D'ACCES D'UN DISPOSITIF INFORMATIQUE**
[72] BAKAR, MAJD, US
[72] TSUI, FRANCIS, US
[72] EYLER, BRYAN BRADLEY, US
[73] GOOGLE LLC, US
[85] 2016-06-29
[86] 2014-12-16 (PCT/US2014/070649)
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[25] EN
[54] **RADIOLABELED TRACERS FOR POLY (ADP-RIBOSE) POLYMERASE-1 (PARP-1), METHODS AND USES THEREFOR**
[54] **TRACEURS RADIOMARQUES POUR LA POLY (ADP-RIBOSE) POLYMERASE-1 (PARP-1), LEURS PROCEDES ET UTILISATIONS**
[72] MACH, ROBERT, US
[72] CHU, WENHUA, US
[72] ZHOU, DONG, US
[72] MICHEL, LOREN, US
[72] CHEN, DELPHINE, US
[73] WASHINGTON UNIVERSITY, US
[85] 2016-07-04
[86] 2015-01-05 (PCT/US2015/010129)
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[51] **Int.Cl. E21B 47/008 (2012.01)**
[25] EN
[54] **PROGRESSIVE CAVITY PUMP (PCP) MONITORING SYSTEM AND METHOD**
[54] **SYSTEME DE SURVEILLANCE DE POMPE A ROTOR HELICOIDAL EXCENTRE ET METHODE**
[72] ZILLINGER, FRIEDRICH ERNST, CA
[72] SCOTT, JEFFREY ALLAN, CA
[73] GEO PRESSURE SYSTEMS INC., CA
[86] (2936219)
[87] (2936219)
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[51] **Int.Cl. A61K 35/612 (2015.01) A61K 31/683 (2006.01) A61K 31/685 (2006.01)**
[25] EN
[54] **PHOSPHOLIPID COMPOSITIONS AND THEIR PREPARATION**
[54] **COMPOSITIONS DE PHOSPHOLIPIDES ET LEUR PREPARATION**
[72] MYHREN, FINN, NO
[72] HOEM, NILS, NO
[72] THOGERSEN, HAVARD, NO
[73] AKER BIOMARINE ANTARCTIC AS, NO
[85] 2016-07-08
[86] 2015-01-09 (PCT/EP2015/050370)
[87] (WO2015/104401)
[30] GB (1400431.1) 2014-01-10

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[51] **Int.Cl. B65D 43/16 (2006.01)**
[25] EN
[54] **RESEALABLE CONTAINER WITH COLLAR AND LID**
[54] **RECIPIENT REFERMABLE COMPRENANT UN COLLIER ET UN COUVERCLE**
[72] MERCADO, GRACE, SG
[72] MCCALLISTER, PATRICK E., US
[72] VENTRAPRAGADA, PRASAD, US
[72] TAN, SIMON, SG
[72] DANDAPANI, SUNDARAMURTHY, SG
[73] MEAD JOHNSON NUTRITION (ASIA PACIFIC) PTE. LTD., SG
[85] 2016-07-13
[86] 2014-12-19 (PCT/US2014/071354)
[87] (WO2015/116331)
[30] US (14/166,255) 2014-01-28

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[51] **Int.Cl. C10M 171/06 (2006.01)**
[25] EN
[54] **NANO-TRIBOLOGY COMPOSITIONS AND RELATED METHODS INCLUDING MOLECULAR NANO-SHEETS**
[54] **COMPOSITIONS DE NANO-TRIBOLOGIE ET PROCEDES ASSOCIES COMPRENANT DES NANO-FEUILLES MOLECULAIRES**
[72] MALSHE, AJAY P., US
[73] P&S GLOBAL HOLDINGS LLC, US
[85] 2016-07-14
[86] 2014-12-22 (PCT/US2014/071886)
[87] (WO2015/119716)
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[25] EN
[54] **CONDUCTIVE BIOMATERIAL FOR ENHANCEMENT OF CONDUCTION IN VITRO AND IN VIVO**
[54] **BIOMATERIAU CONDUCTEUR POUR AMELIORER LA CONDUCTION IN VITRO ET IN VIVO**
[72] LI, REN-KE, CA
[73] UNIVERSITY HEALTH NETWORK, CA
[85] 2016-07-15
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING BONE-MARROW DERIVED MESENCHYMAL STEM CELLS**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DES CELLULES SOUCHES MESENCHYMATEUSES DERIVEES DE MOELLE OSSEUSE**
[72] GOTHELF, YAEL, IL
[72] LEVY, YOSEF, IL
[73] BRAINSTORM CELL THERAPEUTICS LTD., IL
[85] 2016-07-19
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[25] EN
[54] **METHOD OF DEWATERING OF A TAILINGS STREAM**
[54] **METHODE DE DESHYDRATATION DES FLUX DE RESIDUS**
[72] JUNAID, ABU SALEH MUHAMMAD, CA
[72] FREEMAN, GAVIN KERRY WYLLIE, CA
[72] BROWN, WAYNE, CA
[72] GOMEZ, CLARA, CA
[72] WEBSTER, SCOTT ELLIOTT, CA
[72] VEENSTRA, CHRISTIAN NEIL, CA
[72] DERAKHSHANDEH, BABAK, CA
[73] CANADIAN NATURAL UPGRADING LIMITED, CA
[86] (2937452)
[87] (2937452)
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[51] **Int.Cl. H04W 88/06 (2009.01) H04W 28/02 (2009.01) H04W 48/10 (2009.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR INTERWORKING BETWEEN A UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM (UMTS) NETWORK AND A WIRELESS LOCAL AREA NETWORK (WLAN)**
[54] **SYSTEMES, DISPOSITIFS, ET PROCEDES D'INTERFONCTIONNEMENT ENTRE UN RESEAU DE SYSTEME DE TELECOMMUNICATIONS MOBILES UNIVERSELLES (UMTS) ET UN RESEAU LOCAL SANS FIL (WLAN)**
[72] SIROTKIN, ALEXANDER, IL
[72] BURBIDGE, RICHARD, GB
[72] FONG, MO-HAN, US
[72] HIMAYAT, NAGEEN, US
[72] CHOI, HYUNG-NAM, DE
[73] APPLE INC., US
[85] 2016-07-22
[86] 2015-05-07 (PCT/US2015/029740)
[87] (WO2015/171926)
[30] US (61/990,693) 2014-05-08
[30] US (62/029,936) 2014-07-28
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[54] **BOITE EN CARTON**
[72] NOVOTNY, PETER L., US
[72] TUSZKIEWICZ, GEORGE A., US
[73] GENERAL MILLS, INC., US
[85] 2016-07-26
[86] 2014-01-29 (PCT/US2014/013520)
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[51] **Int.Cl. F04C 2/107 (2006.01) B32B 1/08 (2006.01) C08K 3/04 (2006.01) F04C 15/00 (2006.01)**
[25] EN
[54] **GRAPHENE ENHANCED ELASTOMERIC STATOR**
[54] **STATOR ELASTOMERE AMELIORE PAR INCORPORATION DE GRAPHENE**
[72] SICILIAN, JOSHUA ALAN, US
[73] REME TECHNOLOGIES, LLC, US
[85] 2016-08-03
[86] 2015-02-18 (PCT/US2015/016397)
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[30] US (61/941,269) 2014-02-18

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[51] **Int.Cl. A61F 2/00 (2006.01)**
[25] FR
[54] **SYSTEM AND METHOD FOR DETECTING AN ENDOURETHRAL DEVICE FOR AN ARTIFICIAL SPHINCTER THAT IS IMPLANTABLE IN THE BODY OF A HUMAN OR ANIMAL**
[54] **SYSTEME ET PROCEDE DE DETECTION D'UN DISPOSITIF ENDO-URETRAL POUR UN SPHINCTER ARTIFICIEL IMPLANTABLE DANS LE CORPS HUMAIN OU ANIMAL**
[72] LAMRAOUI, HAMID, FR
[72] MOZER, PIERRE, FR
[73] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[73] UROMEMS, FR
[85] 2016-07-27
[86] 2014-01-31 (PCT/EP2014/051943)
[87] (WO2014/118335)
[30] FR (1350880) 2013-02-01

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[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 3/048 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ADJUSTING ITEM RELEVANCE BASED ON CONSUMER INTERACTIONS**
[54] **PROCEDE ET SYSTEME DE REGLAGE DE LA PERTINENCE D'UN ELEMENT EN SE BASANT SUR DES INTERACTIONS AVEC LE CONSOMMATEUR**
[72] VISWANATH, SRI, US
[72] SHAH, MIHIR, US
[72] HYCHE, ERIC, US
[72] BURTON, MICHAEL, US
[72] BERGSTROM, PETER, US
[72] LEVI, DOR, US
[72] SISINNI, FABIO, US
[72] CHENNAVASIN, DON ALBERT, US
[72] CIOCIRLAN, MARIUS G., US
[72] KIM, BEN, US
[72] RAHIM, RIAZ, US
[73] GROUPON, INC., US
[85] 2016-08-18
[86] 2015-02-20 (PCT/US2015/016820)
[87] (WO2015/127204)
[30] US (61/943,242) 2014-02-21
[30] US (62/017,776) 2014-06-26
[30] US (62/017,781) 2014-06-26
[30] US (62/017,783) 2014-06-26
[30] US (62/017,787) 2014-06-26
[30] US (62/017,793) 2014-06-26
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[51] **Int.Cl. G06F 3/06 (2006.01)**
[25] EN
[54] **REDUCING DATA VOLUME DURABILITY STATE FOR BLOCK-BASED STORAGE**
[54] **REDUCTION DE L'ETAT DE DURABILITE D'UN VOLUME DE DONNEES POUR UN STOCKAGE A BASE DE BLOCS**
[72] WEI, DANNY, US
[72] LEE, KERRY QUINTIN, US
[72] THOMPSON, JAMES MICHAEL, US
[72] GUTHRIE, JOHN LUTHER, II, US
[72] FAN, JIANHUA, US
[72] GOPALAKRISHNAN, NANDAKUMAR, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2016-08-19
[86] 2015-03-06 (PCT/US2015/019087)
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[30] US (14/204,943) 2014-03-11

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[13] C
[51] **Int.Cl. G08B 13/22 (2006.01) G08B 13/196 (2006.01) G08B 29/18 (2006.01) H04B 7/26 (2006.01)**
[25] EN
[54] **AIRCRAFT INTERIOR MONITORING**
[54] **SURVEILLANCE D'INTERIEUR D'AERONEF**
[72] KUMAR, ANIL, US
[72] LUI-KWAN, GERALD D., US
[73] THE BOEING COMPANY, US
[85] 2016-08-31
[86] 2015-05-01 (PCT/US2015/028905)
[87] (WO2015/175245)
[30] US (14/275,356) 2014-05-12

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[25] EN
[54] **SOLANUM LYCOPERSICUM PLANTS WITH INCREASED FRUIT YIELD**
[54] **PLANTS DE SOLANUM LYCOPERSICUM PRESENTANT UN MEILLEUR RENDEMENT EN FRUITS**
[72] ROOBEEK, ILJA, NL
[72] YKEMA, MARIEKE, NL
[72] VAN STEE, MARTIJN PETRUS, NL
[72] DE BOER, GEERT JOHANNES, NL
[73] ENZA ZADEN BEHEER B.V., NL
[85] 2016-09-06
[86] 2015-03-13 (PCT/EP2015/055259)
[87] (WO2015/136065)
[30] NL (2012426) 2014-03-13

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[51] **Int.Cl. E21B 43/243 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **A SYSTEM FOR CONFINING STEAM INJECTED INTO A HEAVY OIL RESERVOIR**
[54] **SYSTEME DE CONFINEMENT DE VAPEUR INJECTEE DANS UN RESERVOIR DE PETROLE LOURD**
[72] LI, JIAN, CA
[72] COULTER, CALVIN R., CA
[72] FONG, JAMES, CA
[73] SUNCOR ENERGY INC., CA
[86] (2942157)
[87] (2942157)
[22] 2014-12-23
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[51] **Int.Cl. A61N 1/36 (2006.01) A61B 5/01 (2006.01) A61B 5/08 (2006.01) A61F 5/56 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **RESPIRATION SENSORS FOR RECORDING OF TRIGGERED RESPIRATORY SIGNALS IN NEUROSTIMULATORS**
[54] **CAPTEURS DE RESPIRATION POUR L'ENREGISTREMENT DE SIGNAUX RESPIRATOIRES DECLENCHES DANS DES NEUROSTIMULATEURS**
[72] DENK, CHRISTIAN, AT
[72] RUBEHN, BIRTHE, AT
[73] MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH, AT
[85] 2016-09-19
[86] 2015-04-02 (PCT/US2015/024018)
[87] (WO2015/167746)
[30] US (61/984,914) 2014-04-28

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[13] C
[51] **Int.Cl. A61B 17/3209 (2006.01) A61B 17/34 (2006.01) A61F 9/007 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE FOR TISSUE REMOVAL**
[54] **DISPOSITIF MEDICAL D'ENLEVEMENT DE TISSU**
[72] LAVI, GILAD, IL
[72] GLOVINSKY, YOSEPH, IL
[72] SHMUKLER, VADIM, IL
[72] ISRAELI, NIR, IL
[73] TEL HASHOMER MEDICAL RESEARCH INFRASTRUCTURE AND SERVICES LTD., IL
[73] SANOCULIS LTD., IL
[85] 2016-09-23
[86] 2015-03-26 (PCT/IL2015/050324)
[87] (WO2015/145444)
[30] IL (231751) 2014-03-27

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[13] C
[51] **Int.Cl. B24C 1/04 (2006.01) B24C 7/00 (2006.01)**
[25] EN
[54] **WATER-ABRASIVE-SUSPENSION CUTTING SYSTEM**
[54] **INSTALLATION DE COUPE A SUSPENSION AQUEUSE ABRASIVE**
[72] LINDE, MARCO, DE
[73] ANT APPLIED NEW TECHNOLOGIES AG, DE
[85] 2016-09-28
[86] 2014-04-04 (PCT/EP2014/056814)
[87] (WO2015/149867)

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[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OFDM WITH FLEXIBLE SUB-CARRIER SPACING AND SYMBOL DURATION**
[54] **SYSTEMES ET PROCEDES POUR MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE (OFDM) AYANT UN ESPACEMENT DE SOUS-PORTEUSES ET UNE DUREE DE SYMBOLE FLEXIBLES**
[72] JIA, MING, CA
[72] MA, JIANGLEI, CA
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-10-04
[86] 2015-03-04 (PCT/CN2015/073646)
[87] (WO2015/131827)
[30] US (61/949,805) 2014-03-07
[30] US (14/627,836) 2015-02-20

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[51] **Int.Cl. A61K 31/365 (2006.01) A61K 31/357 (2006.01) A61P 17/00 (2006.01) A61P 17/08 (2006.01)**
[25] EN
[54] **TREATMENT OR PREVENTION OF SEBORRHEIC KERATOSIS USING ARTEMISININ AND DERIVATIVES THEREOF**
[54] **TRAITEMENT OU PREVENTION DE LA KERATOSE SEBORRHEIQUE A L'AIDE D'ARTEMISININE ET DE SES DERIVES**
[72] SIFT CARTER, ROSEMARIE, CH
[73] EPIPHARM AG, CH
[85] 2016-10-13
[86] 2015-04-27 (PCT/EP2015/059104)
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[51] **Int.Cl. B25J 11/00 (2006.01) B25J 15/10 (2006.01) E21D 11/40 (2006.01)**
[25] EN
[54] **ROBOTIC MACHINE FOR REMOVING AND INSERTING TROMMEL SCREENS, AND OPERATING METHOD THEREOF**
[54] **MACHINE ROBOTIQUE POUR LE RETRAIT ET L'INSERTION DE GRILLES DE TROMMEL ET SON PROCEDE DE FONCTIONNEMENT**
[72] CARMONA ACOSTA, CARLOS, CL
[73] MI ROBOTIC SOLUTIONS S.A., CL
[85] 2016-11-14
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[51] **Int.Cl. C08G 77/26 (2006.01) A61K 8/898 (2006.01) A61Q 17/04 (2006.01)**
[25] EN
[54] **SILYLATED IMINE AND CARBAMATE POLYMERIC BENZOATE COMPOUNDS, USES, AND COMPOSITIONS THEREOF**
[54] **COMPOSES BENZOATE POLYMERES DE CARBAMATE ET D'IMINE SILYLES, UTILISATIONS ET COMPOSITIONS DE CES DERNIERS**
[72] GALLARDO SANCHEZ, ADAYA, ES
[72] NONELL MARRUGAT, SANTIAGO, ES
[72] MARQUILLAS OLONDRIZ, FRANCISCO, ES
[72] SALLARES ROSELL, JOAN, ES
[72] MIRALLES BACETE, RICARDO, ES
[73] INTERQUIM, S.A., ES
[85] 2016-11-15
[86] 2015-05-18 (PCT/EP2015/060837)
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[51] **Int.Cl. F04C 2/344 (2006.01)**
[25] EN
[54] **INTEGRATED PRESSURE PLATE AND PORT PLATE FOR PUMP**
[54] **PLAQUE DE PRESSION ET PLAQUE A ORIFICE INTEGREES POUR POMPE**
[72] CLEMENTS, MARTIN A., US
[73] EATON INTELLIGENT POWER LIMITED, IE
[85] 2016-11-22
[86] 2015-05-27 (PCT/US2015/032710)
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[51] **Int.Cl. B60P 1/42 (2006.01) A01D 90/10 (2006.01) B65G 33/08 (2006.01)**
[25] EN
[54] **TELESCOPING FLOW CONTROL DISCHARGE SPOUT ASSEMBLY FOR A CONVEYOR OF GRANULAR MATERIAL**
[54] **DISPOSITIF DE BEC D'EVACUATION DE CONTROLE D'ECOULEMENT TELESCOPIQUE DESTINE A UN CONVOYEUR DE MATIERE GRANULAIRE**
[72] GAERKE, JOSHUA P., US
[73] J. & M. MANUFACTURING CO., INC., US
[86] (2950729)
[87] (2950729)
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[30] US (15/017,951) 2016-02-08

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[25] EN
[54] **METHOD OF PRODUCING A THERMALLY REARRANGED PBX, THERMALLY REARRANGED PBX AND MEMBRANE**
[54] **PROCEDE DE PRODUCTION D'UN PBX THERMIQUEMENT REARRANGE, PBX THERMIQUEMENT REARRANGE ET MEMBRANE**
[72] TENA, ALBERTO, ES
[72] RANGOU, SOFIA, DE
[72] SHISHATSKIY, SERGEY, DE
[73] HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUR MATERIAL-UND KUSTENFORSCHUNG GMBH, DE
[85] 2016-11-30
[86] 2016-01-25 (PCT/EP2016/051415)
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[30] EP (15153089.6) 2015-01-29

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[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/32 (2006.01)**
[25] EN
[54] **DIVERTER COMPOSITION INCLUDING RHEOLOGICALLY-MODIFIED INVERT EMULSION**
[54] **COMPOSITION DE DERIVATION COMPRENANT UNE EMULSION INVERSE RHEOLOGIQUEMENT MODIFIEE**
[72] MAXEY, JASON ERIC, US
[72] OLIVEIRA, HUMBERTO ALMEIDA, US
[72] ZHENG, LU, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-12-08
[86] 2014-08-06 (PCT/US2014/049968)
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[25] EN
[54] **AUDIO PROCESSOR AND METHOD FOR PROCESSING AN AUDIO SIGNAL USING HORIZONTAL PHASE CORRECTION**
[54] **PROCESSEUR AUDIO ET PROCEDE DE TRAITEMENT D'UN SIGNAL AUDIO AU MOYEN D'UNE CORRECTION DE PHASE HORIZONTALE**
[72] DISCH, SASCHA, DE
[72] LAITINEN, MIKKO-VILLE, FI
[72] PULKKI, VILLE, FI
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-12-22
[86] 2015-06-25 (PCT/EP2015/064443)
[87] (WO2016/001069)
[30] EP (14175202.2) 2014-07-01
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[51] **Int.Cl. H02K 3/52 (2006.01) H02K 15/04 (2006.01) H02K 15/095 (2006.01)**
[25] EN
[54] **STATOR UNIT, ROTARY ELECTRIC MACHINE INCLUDING STATOR UNIT, AND METHOD OF MANUFACTURING STATOR UNIT**
[54] **UNITE DE STATOR, MACHINE ELECTRIQUE TOURNANTE COMPORTANT UNE UNITE DE STATOR, ET PROCEDE DE FABRICATION D'UNITE DE STATOR**
[72] SAKAMOTO, SUGURU, JP
[72] KUROKAWA, YOSHITERU, JP
[72] OKABE, JUNYA, JP
[72] MIYOSHI, HIROYUKI, JP
[72] KODERA, YOSHIHIRO, JP
[73] TOP CO., LTD., JP
[85] 2017-01-04
[86] 2015-06-26 (PCT/JP2015/068479)
[87] (WO2016/006475)
[30] JP (2014-140720) 2014-07-08
[30] JP (2015-088604) 2015-04-23

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[51] **Int.Cl. E21B 47/09 (2012.01) E21B 33/13 (2006.01) G01V 9/00 (2006.01)**
[25] EN
[54] **WELL RANGING APPARATUS, METHODS, AND SYSTEMS**
[54] **APPAREIL DE TELEMETRIE DE PUITS, PROCEDES, ET SYSTEMES**
[72] WU, HSU-HSIANG, US
[72] FAN, YIJING, SG
[72] AHMADI KALATEH AHMAD, AKRAM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-05
[86] 2015-05-14 (PCT/US2015/030892)
[87] (WO2016/022190)
[30] US (62/035,076) 2014-08-08

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[51] **Int.Cl. A61M 25/06 (2006.01) A61M 5/158 (2006.01) A61M 5/162 (2006.01) A61M 39/04 (2006.01)**
[25] EN
[54] **A FLUID TRANSFER DEVICE OR SET WITH RETRACTABLE NEEDLE AND SEPTUM**
[54] **DISPOSITIF OU ENSEMBLE DE TRANSFERT DE FLUIDE AYANT UNE AIGUILLE RETRACTABLE ET UNE CLOISON**
[72] ISAACSON, S. RAY, US
[72] SONDEREGGER, RALPH L., US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2017-01-05
[86] 2015-07-06 (PCT/US2015/039260)
[87] (WO2016/007438)
[30] US (14/326,032) 2014-07-08

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[51] **Int.Cl. B64C 13/02 (2006.01) B64C 13/12 (2006.01) B64C 13/50 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR LATENT FAULT DETECTION AND MANAGEMENT FOR FLY-BY-WIRE FLIGHT CONTROL SYSTEMS**
[54] **METHODE ET APPAREIL DE DETECTION DE DEFAILLANCE LATENTE ET DE GESTION DE SYSTEME DE COMMANDE DE VOL ELECTRIQUE**
[72] HUYNH, NEAL VAN, US
[73] THE BOEING COMPANY, US
[86] (2954822)
[87] (2954822)
[22] 2017-01-12
[30] US (15/077,552) 2016-03-22

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[13] C
[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **INJECTION SYSTEM**
[54] **SYSTEME D'INJECTION**
[72] SUNDQUIST, JOHN, US
[72] RUSH, BEN, US
[72] BROWKA, EDWARD PAUL, US
[72] FOSHEE, DAVID L., US
[72] WILLARD, GRETCHEN E., US
[72] MYERS, STEPHEN, US
[72] RODRIGUEZ, HECTOR, US
[72] HORTON, JOHN COLEMAN, US
[73] HOSPIRA, INC., US
[85] 2017-01-11
[86] 2015-07-31 (PCT/US2015/043275)
[87] (WO2016/019328)
[30] US (62/031,667) 2014-07-31

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[13] C
[51] **Int.Cl. B60P 7/02 (2006.01) B60J 11/06 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **PICKUP TRUCK BED COVER**
[54] **COUVRE-PLATEFORME DE CAMION**
[72] LAWSON, MARK, CA
[73] LAWSON, MARK, CA
[86] (2955289)
[87] (2955289)
[22] 2017-01-17
[30] US (15/406,846) 2017-01-16

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[13] C
[51] **Int.Cl. G09F 9/33 (2006.01) H04B 17/23 (2015.01)**
[25] EN
[54] **LIGHT EMITTING DIODE (LED) DISPLAY FOR A PORTABLE COMMUNICATION DEVICE**
[54] **DISPOSITIF D'AFFICHAGE A DIODE ELECTROLUMINESCENTE (DEL) POUR UN DISPOSITIF DE COMMUNICATION PORTABLE**
[72] TEOH, WOOI PING, MY
[72] CHEAH, PENG KHOON, MY
[72] HOR, WENG KONG, MY
[72] LIM, SOH PENG, MY
[72] OOI, LEE SUN, MY
[72] THAM, WEI LING, MY
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2017-01-27
[86] 2015-07-28 (PCT/US2015/042337)
[87] (WO2016/022323)
[30] US (14/455,053) 2014-08-08

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[13] C
[51] **Int.Cl. H04W 28/16 (2009.01) H04L 5/00 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **TONE PLAN FOR LTF COMPRESSION AND TRANSMISSION IN WIRELESS COMMUNICATION SYSTEMS**
[54] **PLAN DE TONALITE POUR COMPRESSION ET TRANSMISSION LTF DANS DES SYSTEMES DE COMMUNICATION SANS FIL**
[72] YANG, LIN, US
[72] DOAN, DUNG NGOC, US
[72] TIAN, BIN, US
[72] VERMANI, SAMEER, US
[73] QUALCOMM INCORPORATED, US
[85] 2017-01-31
[86] 2015-09-03 (PCT/US2015/048300)
[87] (WO2016/036934)
[30] US (62/046,086) 2014-09-04
[30] US (62/054,932) 2014-09-24
[30] US (62/064,935) 2014-10-16
[30] US (62/067,260) 2014-10-22
[30] US (14/843,538) 2015-09-02

[11] **2,957,234**
[13] C
[51] **Int.Cl. A01F 29/09 (2010.01) A01F 29/00 (2006.01)**
[25] EN
[54] **LASER CLAD CUTTING EDGE FOR AGRICULTURAL CUTTING COMPONENTS**
[54] **BORD DE COUPE REVETU AU LASER DESTINE A DES COMPOSANTES DE COUPE AGRICOLES**
[72] STOFFEL, NEAL J., US
[72] SOTELO, JUAN G., US
[72] JOHNSON, KEITH A., US
[72] BECHLER, MICHAEL A., US
[73] KONDEX CORPORATION, US
[86] (2957234)
[87] (2957234)
[22] 2017-02-07
[30] US (15/043,185) 2016-02-12

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[13] C
[51] **Int.Cl. A61L 24/04 (2006.01) A61F 13/02 (2006.01) A61L 15/22 (2006.01) A61L 15/24 (2006.01) A61L 15/58 (2006.01) A61L 24/06 (2006.01) A61F 5/445 (2006.01)**
[25] EN
[54] **BUFFERED ADHESIVE COMPOSITIONS FOR SKIN-ADHERING MEDICAL PRODUCTS**
[54] **COMPOSITIONS ADHESIVES TAMPONNEES POUR PRODUITS MEDICAUX ADHERANT A LA PEAU**
[72] TAYLOR, MICHAEL GERARD, US
[72] MURAHATA, RICHARD IWAO, US
[73] HOLLISTER INCORPORATED, US
[85] 2017-02-07
[86] 2014-08-21 (PCT/US2014/052035)
[87] (WO2016/028297)
[30] US (14/463,912) 2014-08-20

[11] **2,957,706**
[13] C
[51] **Int.Cl. C08F 4/6592 (2006.01) B29C 43/00 (2006.01) B29C 45/00 (2006.01) B65D 41/00 (2006.01) C08F 10/02 (2006.01) C08L 23/04 (2006.01)**
[25] EN
[54] **CAPS AND CLOSURES**
[54] **BOUCHONS ET FERMETURES**
[72] WANG, XIAOCHUAN, CA
[72] LI, TIEQI, CA
[72] SIBTAIN, FAZLE, CA
[72] DOBBIN, CHRISTOPHER, CA
[72] TAYLOR, KENNETH, CA
[72] KHAKDAMAN, HAMIDREZA, US
[72] MOLLOY, BRIAN, CA
[73] NOVA CHEMICALS CORPORATION, CA
[86] (2957706)
[87] (2957706)
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[25] EN
[54] **PLURIPOTENT STEM CELL FOR TREATING DIABETIC SKIN ULCER**
[54] **CELLULES SOUCHES PLURIPOTENTES POUR LE TRAITEMENT D'UN ULCERE CUTANE DIABETIQUE**
[72] YOSHIMURA, KOTARO, JP
[72] KINOSHITA, KAHORI, JP
[72] DEZAWA, MARI, JP
[73] THE UNIVERSITY OF TOKYO, JP
[73] TOHOKU UNIVERSITY, JP
[85] 2017-03-01
[86] 2015-06-19 (PCT/JP2015/067789)
[87] (WO2016/035419)
[30] JP (2014-181463) 2014-09-05

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[51] **Int.Cl. B65G 15/60 (2006.01)**
[25] EN
[54] **LINKAGE ASSEMBLY FOR SELF-SUPPORTING CONVEYOR BELT**
[54] **ASSEMBLAGE DE LIAISON DE COURROIE DE TRANSPORTEUR AUTOPORTANT**
[72] STEINHOFF, PAUL, US
[72] BURGESS, ROBERT W., US
[72] NEELY, DARROLL JOSEPH, US
[73] ASHWORTH BROS., INC., US
[86] (2960063)
[87] (2960063)
[22] 2017-03-03
[30] US (15/071,023) 2016-03-15

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[13] C
[51] **Int.Cl. E02F 3/43 (2006.01) E02F 3/40 (2006.01)**
[25] EN
[54] **HYDRAULIC SHOVEL LIFTING JIG**
[54] **GABARIT D'ELEVATION DE PELLE HYDRAULIQUE**
[72] BELLEY, CHRISTIAN, CA
[72] BELLEY, ROBIN, CA
[73] 8082464 CANADA INC., CA
[85] 2017-04-05
[86] 2014-10-16 (PCT/CA2014/000747)
[87] (WO2015/054774)
[30] US (61/892,056) 2013-10-17

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[13] C
[51] **Int.Cl. G06F 17/00 (2019.01) G06F 7/00 (2006.01)**
[25] EN
[54] **SPECIFYING AND APPLYING RULES TO DATA**
[54] **SPECIFICATION ET APPLICATION DE REGLES A DES DONNEES**
[72] STUDER, SCOTT, US
[72] WEISMAN, AMIT, US
[72] PHILLIMORE, DAVID, US
[73] AB INITIO TECHNOLOGY LLC, US
[85] 2017-04-19
[86] 2015-10-19 (PCT/US2015/056188)
[87] (WO2016/064720)
[30] US (62/065,909) 2014-10-20

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[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6813 (2018.01) C12Q 1/6816 (2018.01) C12Q 1/6823 (2018.01) C12Q 1/683 (2018.01) C12Q 1/6876 (2018.01) C40B 30/04 (2006.01)**
[25] EN
[54] **METHODS USING ENZYMATIC AMPLIFICATION CASCADES FOR DETECTING TARGET NUCLEIC ACID IN A SAMPLE**
[54] **METHODES D'UTILISATION DE CASCADES D'AMPLIFICATION ENZYMATIQUE POUR DETECTER UN ACIDE NUCLEIQUE CIBLE DANS UN ECHANTILLON**
[72] SMITH, KENNETH D., US
[72] YAZVENKO, NINA, US
[72] SMIT, MARIYA, US
[73] CASCADE BIOSYSTEMS, INC., US
[86] (2965207)
[87] (2965207)
[22] 2009-08-04
[62] 2,734,244
[30] US (61/089392) 2008-08-15
[30] US (61/166843) 2009-04-06

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[13] C
[51] **Int.Cl. H02G 3/08 (2006.01) E02D 19/06 (2006.01) E02D 31/02 (2006.01) E03F 5/10 (2006.01) F04D 13/08 (2006.01) F04D 29/40 (2006.01)**
[25] EN
[54] **SUMP JUNCTION BOX**
[54] **BOITE DE CONNEXION DE PUISARD**
[72] LONG, DANIEL CHRISTOPHER, US
[72] WEBSTER, KEVIN ALLEN, US
[72] LIEBAL, CHARLES J., JR., US
[72] BOYLE, DANIEL LEE, US
[72] SANYER, WOLFGANG EMMANUEL, US
[72] ECKART, GLENN MICHAEL, US
[72] KANE, KRISTOPHER A., US
[73] OPW FUELING COMPONENTS, LLC, US
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[54] **SYSTEME DE FENETRE A TRANSMISSION VARIABLE**
[72] ASH, KEVIN L., US
[72] BUSSCHER, BRADLEY L., US
[72] TURNBULL, ROBERT R., US
[72] NEUMAN, GEORGE A., US
[72] CAMMENGA, DAVID J., US
[72] THEISTE, DAVID A., US
[73] GENTEX CORPORATION, US
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[54] **DYNAMIC USER EXPERIENCE WORKFLOW**
[54] **FLUX DE TRAVAUX D'EXPERIENCE D'UTILISATEUR DYNAMIQUE**
[72] SIVERTSON, MATTHEW, US
[72] WANG, GANG, US
[72] MCCLUSKEY, KEVIN, US
[72] KUMAR, VINAY, US
[72] YU, JAY JIEBING, US
[73] INTUIT INC., US
[85] 2017-04-28
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[25] EN
[54] **METHOD, APPARATUS, AND COMPUTER-READABLE MEDIUM FOR DATA EXCHANGE**
[54] **PROCEDE, APPAREIL, ET SUPPORT LISIBLE PAR ORDINATEUR POUR L'ECHANGE DE DONNEES**
[72] SCAFARIA, VINCE, US
[72] BAKSHI, JASPREET, US
[72] DREYER, KENNETH, US
[73] DOTALIGN, INC., US
[85] 2017-06-08
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[25] EN
[54] **LIQUID SURFACTANT COMPOSITION HAVING SPECIAL SURFACTANT COMBINATION AND ENZYME**
[54] **COMPOSITION DE SURFACTANT LIQUIDE AYANT UNE COMBINAISON DE SURFACTANT SPECIALE ET UN ENZYME**
[72] SEILER, MARTINA, DE
[72] NICKEL, DIETER, DE
[72] SAHNER, SONJA, DE
[72] RAMM, CHRISTIAN, DE
[72] O'CONNELL, TIMOTHY, DE
[73] HENKEL AG & CO. KGAA, DE
[85] 2017-06-14
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[54] **CONTROLLER STRUCTURE FOR LED LIGHT STRINGS**
[54] **STRUCTURE DE CONTROLEUR DE CORDONS DE LUMIERES DEL**
[72] WANG, CHIA-CHUN, CN
[73] GUANG ZHOU TING SHEN ELECTRIC CO., LTD., CN
[86] (2970878)
[87] (2970878)
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[51] **Int.Cl. G01N 1/10 (2006.01) G10K 9/10 (2006.01)**
[25] EN
[54] **APPARATUS FOR DETECTING ANALYTE IN A LIQUID SAMPLE AND METHOD THEREOF**
[54] **APPAREIL DE DETECTION D'ANALYTE DANS UN ECHANTILLON DE LIQUIDE ET METHODE ASSOCIEE**
[72] FANG, JIANQIU, US
[72] LEI, SIYU, CN
[73] HEALGEN SCIENTIFIC LIMITED, US
[73] ZHEJIANG ORIENT GENE BIOTECH CO., LTD., CN
[86] (2972594)
[87] (2972594)
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[25] EN
[54] **AERIAL CABLE LAYING DEVICE**
[54] **DISPOSITIF DE POSE DE CABLE AERIEN**
[72] ROBERTSON, BRENT, CA
[72] HARRISON, CONNOR, CA
[72] OLSON, RYAN, CA
[73] DISCOVERY INTERNATIONAL GEOPHYSICS INC., CA
[86] (2974026)
[87] (2974026)
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[54] **CELL CULTURING METHOD AND KIT**
[54] **PROCEDE DE CULTURE DE CELLULES, ET KIT**
[72] HAGIHARA, MASAHIKO, JP
[72] SHIMIZU, MOTOHISA, JP
[72] WADA, YUKINORI, JP
[73] UBE INDUSTRIES, LTD., JP
[85] 2017-07-18
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[25] EN
[54] **TEMPERATURE-RESISTANT SILICONE RESINS**
[54] **RESINES EN SILICONE RESISTANT A LA TEMPERATURE**
[72] ZHOU, CHAOYIN, US
[72] NOWAK, ANDREW P., US
[72] SHARP, RICHARD E., US
[72] LI, WEN, US
[72] FRENCH, JAMES E., US
[73] THE BOEING COMPANY, US
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[54] **SYSTEMS AND METHODS FOR CONTEXTUALIZED DATA PROTECTION**
[54] **SYSTEMES ET PROCEDES POUR LA PROTECTION DE DONNEES CONTEXTUALISEES**
[72] LAFEVER, MALCOLM GARY, US
[72] MYERSON, TED N., US
[72] MASON, STEVEN, US
[73] ANONOS INC., US
[85] 2017-07-28
[86] 2016-02-02 (PCT/US2016/016143)
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[30] US (62/164,013) 2015-05-20
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[30] US (62/181,772) 2015-06-19
[30] US (62/183,606) 2015-06-23
[30] US (62/189,237) 2015-07-07
[30] US (62/193,127) 2015-07-16
[30] US (62/199,292) 2015-07-31
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[54] **EQUIPEMENT ELECTRIQUE RESISTANT A DES DEFAUTS D'ARC**
[72] IONESCU, BOGDAN, US
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **AUTOMATED RESIN AND FIBER DEPOSITION FOR RESIN INFUSION**
[54] **DEPOT AUTOMATISE DE RESINE ET DE FIBRE POUR INFUSER LA RESINE**
[72] SILCOCK, MICHAEL D., AU
[72] HOWE, CHRISTOPHER A., AU
[72] JOHNSON, BRICE A., US
[73] THE BOEING COMPANY, US
[86] (2976484)
[87] (2976484)
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[25] EN
[54] **SCLERAL PROSTHESIS FOR TREATING PRESBYOPIA AND OTHER EYE DISORDERS**
[54] **PROTHESE SCLERALE POUR TRAITER LA PRESBYTIE ET D'AUTRES TROUBLES OCULAIRES**
[72] GRIFFIS, JACK C., III, US
[72] COX, MARK A., US
[72] WILLIAMSON, DOUGLAS C., US
[72] ZDENEK, GENE W., US
[72] RICHARDSON, PETER J., GB
[72] SMOLEK, MICHAEL K., US
[72] SOLOWAY, BARRIE D., US
[72] BARE, REX O., US
[72] SCHERER, ANDREW J., US
[72] PAYNE, TIMOTHY J., US
[73] REFOCUS GROUP, INC., US
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[87] (2976837)
[22] 2007-07-11
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[25] EN
[54] **BRUSHLESS MOTOR AND ELECTRIC BICYCLE PROVIDED WITH THE SAME**
[54] **MOTEUR SANS BALAI ET BICYCLETTE ELECTRIQUE LE COMPRENANT**
[72] NAGATA, TOSHIHIKO, JP
[72] TAKAGI, YASUFUMI, JP
[72] SHIRAISHI, TOMONARI, JP
[73] YAMAHA MOTOR ELECTRONICS CO., LTD., JP
[85] 2017-08-24
[86] 2015-10-15 (PCT/JP2015/079190)
[87] (WO2016/136017)
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[51] **Int.Cl. G06Q 20/06 (2012.01) G06Q 20/08 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD FOR STANDARDISING COMMUNICATION BETWEEN A PLURALITY OF REDEMPTION APPLICATIONS**
[54] **PROCEDE POUR STANDARDISER LA COMMUNICATION ENTRE UNE PLURALITE D'APPLICATIONS DE REMBOURSEMENT**
[72] YEN, PHILIP, SG
[72] YODEN, MICHIHIKO, SG
[72] LEE, PEI LING, SG
[72] NAIR, SYAM, SG
[72] SINGH, HARJENDER, SG
[73] MASTERCARD ASIA/PACIFIC PTE.LTD, SG
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[86] 2016-02-15 (PCT/SG2016/050077)
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[30] SG (10201501607W) 2015-03-03
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[25] EN
[54] **WINGTIP AND SPONSON INTERACTION ON AN AMPHIBIOUS AIRCRAFT**
[54] **INTERACTION DE BOUT D'AILE ET DE NAGEOIRE SUR UN AVION AMPHIBIE**
[72] KARKOW, JON, US
[72] HAWKINS, KIRK, US
[72] GIONTA, MATTHEW, US
[72] STRAND, STEEN, US
[73] ICON AIRCRAFT, INC., US
[86] (2978621)
[87] (2978621)
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[25] EN
[54] **ISCHEMIC STROKE THROMBUS ASPIRATION SYSTEM, PROCESSES, AND PRODUCTS THEREBY**
[54] **SYSTEME D'ASPIRATION DE THROMBUS SUITE A UN ACCIDENT ISCHEMIQUE CEREBRAL, PROCEDES ET PRODUITS ASSOCIES**
[72] LE, JAKE, US
[72] FERRERA, DAVID, US
[73] BALT USA, US
[85] 2017-09-14
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[51] **Int.Cl. A61M 39/10 (2006.01) A61J 1/20 (2006.01) A61M 39/12 (2006.01) A61M 39/14 (2006.01)**
[25] EN
[54] **CONNECTION SYSTEM FOR MEDICAL DEVICE COMPONENTS**
[54] **SYSTEME DE RACCORDEMENT DESTINE A DES ELEMENTS DE DISPOSITIF MEDICAL**
[72] MARICI, PAUL PAIA, US
[72] IVOSEVIC, MILAN, US
[73] BECTON DICKINSON AND COMPANY LIMITED, IE
[86] (2980186)
[87] (2980186)
[22] 2014-03-12
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[30] US (61/787,674) 2013-03-15
[30] US (61/895,168) 2013-10-24
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[13] C
[51] **Int.Cl. G01T 1/16 (2006.01)**
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[54] **METHODS AND DEVICES FOR DETECTING RADIOACTIVE SOURCES**
[54] **METHODES ET DISPOSITIFS DE DETECTION DE SOURCES RADIOACTIVES**
[72] ZHAO, KUN, CN
[72] WANG, QIANG, CN
[72] ZHANG, YANGTIAN, CN
[72] PENG, HUA, CN
[72] LI, YUANJING, CN
[73] NUCTECH COMPANY LIMITED, CN
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[51] **Int.Cl. H04L 1/00 (2006.01) H03M 13/11 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS EMPLOYING FEC CODES WITH PERMANENT INACTIVATION OF SYMBOLS FOR ENCODING AND DECODING PROCESSES**
[54] **PROCEDES ET APPAREIL EMPLOYANT DES CODES A CORRECTION D'ERREUR SANS CIRCUIT DE RETOUR (FEC) AVEC UNE INACTIVATION PERMANENTE DE SYMBOLES POUR DES TRAITEMENTS DE CODAGE ET DE DECODAGE**
[72] LUBY, MICHAEL G., US
[72] SHOKROLLAHI, MOHAMMAD AMIN, US
[72] MINDER, LORENZ CHRISTOPH, US
[73] QUALCOMM INCORPORATED, US
[86] (2982574)
[87] (2982574)
[22] 2010-08-19
[62] 2,771,622
[30] US (61/235285) 2009-08-19
[30] US (12/604773) 2009-10-23
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[25] EN
[54] **IDENTIFICATION OF TUMOUR-ASSOCIATED CELL SURFACE ANTIGENS FOR DIAGNOSIS AND THERAPY**
[54] **IDENTIFICATION D'ANTIGENES DE SURFACE CELLULAIRE ASSOCIES A UNE TUMEUR DANS LE CADRE D'UN DIAGNOSTIC ET D'UNE THERAPIE**
[72] TURECI, OZLEM, DE
[72] SAHIN, UGUR, DE
[72] HELFTENBEIN, GERD, DE
[72] SCHLUTER, VOLKER, DE
[73] BIONTECH SE, DE
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[54] **FORMING APPARATUS**
[54] **APPAREIL DE FACONNAGE**
[72] CIARLARIELLO, NICOLA, CA
[72] RIZZA, MICHAEL ANTHONY, CA
[73] CIARLARIELLO, NICOLA, CA
[73] RIZZA, MICHAEL ANTHONY, CA
[86] (2984737)
[87] (2984737)
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[51] **Int.Cl. C08F 4/6592 (2006.01) C08F 2/04 (2006.01) C08F 210/16 (2006.01)**
[25] EN
[54] **AN IMPROVED PROCESS TO MANUFACTURE ETHYLENE INTERPOLYMER PRODUCTS**
[54] **UN PROCEDE APPROUVE DE FABRICATION DE PRODUITS D'INTERPOLYMERE D'ETHYLENE**
[72] KAZEMI, NIOUSHA, CA
[72] KLECZEK, MONIKA, CA
[72] KONAGANTI, VINOD, CA
[72] GILLON, BRONWYN, CA
[72] GOYAL, SHIVENDRA, CA
[72] SIBTAIN, FAZLE, CA
[72] KASIRI, SEPIDEH, CA
[72] SALOMONS, STEPHEN, CA
[72] TAYLOR, KENNETH, CA
[72] KESHTKAR, MEHDI, CA
[73] NOVA CHEMICALS CORPORATION, CA
[86] (2984838)
[87] (2984838)
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[51] **Int.Cl. F25B 39/02 (2006.01) F25C 1/12 (2006.01)**
[25] EN
[54] **ICE MAKING MACHINE AND ICE CUBE EVAPORATOR**
[54] **MACHINE DE FABRICATION DE GLACE ET EVAPORATEUR DE CUBE DE GLACE**
[72] MELTON, GLENN O'NEAL, US
[72] WOLF, GREGG M., US
[72] SELLERS, DAVID ANGLIN, US
[72] TATUM, JEFFREY B., US
[72] AMALFITANO, ROBERT, US
[72] MIZUTANI, YASUKI, US
[72] BOGGS, JEFFREY BION, US
[72] HOTI, MILAIM, US
[73] HOSHIZAKI AMERICA, INC., US
[86] (2985792)
[87] (2985792)
[22] 2017-11-16
[30] US (15/353,833) 2016-11-17

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[51] **Int.Cl. H04L 1/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR EXTENDED RECEIVER PROCESSING TIME**
[54] **PROCEDES ET APPAREIL POUR UN TEMPS DE TRAITEMENT DE RECEPTION PROLONGE**
[72] BHARADWAJ, ARJUN, US
[72] TIAN, BIN, US
[73] QUALCOMM INCORPORATED, US
[85] 2017-11-20
[86] 2016-06-28 (PCT/US2016/039819)
[87] (WO2017/007638)
[30] US (62/189,170) 2015-07-06
[30] US (15/194,348) 2016-06-27

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[51] **Int.Cl. G01V 3/30 (2006.01) E21B 47/01 (2012.01) E21B 47/26 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **LOOK-AHEAD OF THE BIT APPLICATIONS**
[54] **ANTICIPATION DES APPLICATIONS DU TREPAN**
[72] DONDERICI, BURKAY, US
[72] BITTAR, MICHAEL S., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2987206)
[87] (2987206)
[22] 2011-11-15
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[13] C
[51] **Int.Cl. C12M 1/107 (2006.01) C12M 3/00 (2006.01)**
[25] EN
[54] **HINGEDLY SUPPORTED BIOGAS PLANT FERMENTATION CONTAINER**
[54] **RECIPIENT DE FERMENTATION D'INSTALLATION DE BIOGAZ, SUPPORTE DE MANIERE ARTICULEE**
[72] KOLL, THOMAS, AT
[73] THONI INDUSTRIEBETRIEBE GMBH, AT
[85] 2017-12-06
[86] 2015-06-19 (PCT/EP2015/063859)
[87] (WO2016/202407)

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[13] C
[51] **Int.Cl. A61L 2/18 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL COMPOSITION FOR INHIBITING MICROBIAL ORGANISMS IN ALLOGRAFT AND THE METHOD THEREOF**
[54] **COMPOSITION ANTIMICROBIENNE POUR INHIBER DES ORGANISMES MICROBIENS DANS UNE ALLOGREFFE ET PROCEDE ASSOCIE**
[72] BENEVENIA, JOSEPH, US
[72] LIN, SHELDON S., US
[72] VIVES, MICHAEL, US
[73] CREOSSO LLC, US
[85] 2017-12-06
[86] 2017-02-07 (PCT/US2017/016789)
[87] (WO2017/139250)
[30] US (62/293,064) 2016-02-09
[30] US (15/425,617) 2017-02-06

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[13] C
[51] **Int.Cl. E06B 1/04 (2006.01) E06B 1/52 (2006.01) E06B 3/46 (2006.01)**
[25] EN
[54] **COMPACT ADJUSTABLE POCKET DOOR FRAME**
[54] **CADRE DE PORTE ESCAMOTABLE AJUSTABLE COMPACT**
[72] LIU, FUZHONG, CA
[72] TITLEY, LUC, CA
[72] CHABOT, JERRY, CA
[72] LOW, LAURENCE, CA
[72] HURTUBISE, ROCH, CA
[72] CADNEY, SEAN, CA
[73] MOULURE ALEXANDRIA MOULDING INC., CA
[86] (2988733)
[87] (2988733)
[22] 2017-12-13

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[13] C
[51] **Int.Cl. A47L 13/16 (2006.01) A47L 1/15 (2006.01) A47L 13/24 (2006.01)**
[25] EN
[54] **CLEANING ARTICLE HAVING MULTI-LAYER GATHER STRIP ELEMENT**
[54] **ARTICLE DE NETTOYAGE COMPRENANT UN ELEMENT DE BANDE DE COLLECTE MULTI-COUCHES**
[72] POLICICCHIO, NICOLA JOHN, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **AGGREGATE RADIATED POWER CONTROL FOR MULTI-BAND/MULTI-MODE SATELLITE RADIOTELEPHONE COMMUNICATIONS SYSTEMS AND METHODS**
[54] **COMMANDE DE LA PUISSANCE DE RAYONNEMENT TOTALE POUR SYSTEMES ET PROCEDES DE COMMUNICATION PAR TELEPHONE CELLULAIRE SATELLITE MULTIBANDE/MULTIMODE**
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[54] **METHOD OF DETERMINING CONDITIONS FOR ACCOMMODATING RADIOACTIVE WASTE IN CONTAINER, RADIOACTIVE WASTE ACCOMMODATING METHOD, AND WASTE BODY PRODUCED USING SAID METHOD**
[54] **METHODE DE DETERMINATION DES CONDITIONS D'ACCOMMODEMENT DE DECHETS RADIOACTIFS DANS UN CONTENANT, METHODE D'ACCOMMODEMENT DE DECHETS RADIOACTIFS ET CORPS DE DECHETS PRODUIT AU MOYEN DE LADITE METHODE**
[72] OKAMOTO, TOMOHISA, JP
[72] KUROKAWA, NOBORU, JP
[72] KOMURO, TOSHIYA, JP
[72] UMAKOSHI, TOSHIMITSU, JP
[72] KOMATSU, NAOTAKA, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[25] EN
[54] **ELECTRIC VEHICLE CHARGING STATION AND METHOD FOR CONTROLLING AN ELECTRIC VEHICLE CHARGING STATION**
[54] **STATION DE CHARGE POUR VEHICULES ELECTRIQUES ET PROCEDE DE COMMANDE D'UNE STATION DE CHARGE POUR VEHICULES ELECTRIQUES**
[72] BEEKMANN, ALFRED, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2017-12-28
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[54] **SPINE BOARD WITH INTERIOR CHANNELS**
[54] **PLANCHE POUR COLONNE VERTEBRALE AVEC CANAUX INTERIEURS**
[72] PICCOLO-WIGNALL, JOHN, US
[72] FRITZ, DOUGLAS C., US
[72] OSBORN, JAMES R., US
[73] RX 1186, LLC, US
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[54] **APPAREIL DE SUTURE AUTOMATIQUE ET SES PROCEDES D'UTILISATION**
[72] BADHWAR, VINAY, US
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[54] **A SYSTEM AND METHOD USING NEAR AND FAR FIELD ULF AND ELF INTERFEROMETRY SYNTHETIC APERTURE RADAR FOR SUBSURFACE IMAGING**
[54] **SYSTEME ET PROCEDE UTILISANT UN RADAR A OUVERTURE SYNTHETIQUE D'INTERFEROMETRIE ULF ET ELF EN CHAMPS PROCHE ET ELOIGNE POUR IMAGERIE SOUTERRAINE**
[72] SOKOLOWSKI, JAMES, US
[72] PAYTON, ROBERT, US
[72] PUGH, TREVOR K., US
[72] KALISH, ALEXANDER, US
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[54] **CIRCUITOUS BAND NEEDLE CHANGING APPARATUS**
[54] **DISPOSITIF DE REMPLACEMENT D'AIGUILLE A BANDE A PARCOURS SINUEUX**
[72] BRUEHWILER, MICHEL, US
[72] CONSTANTINEAU, COLE, US
[72] SCHOONMAKER, RYAN, US
[72] BATES, JAMES, US
[72] BANIK, ROBERT, US
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[54] **PROCESS FOR REMOVING ORGANIC ACIDS FROM CRUDE OIL AND CRUDE OIL DISTILLATES**
[54] **PROCEDE D'EXTRACTION D'ACIDES ORGANIQUES DE PETROLES BRUTS ET DE DISTILLATS DE PETROLE BRUT**
[72] HARDACRE, CHRIS, GB
[72] GOODRICH, PETER, GB
[72] ANDERSON, KRIS, GB
[73] THE QUEEN'S UNIVERSITY OF BELFAST, GB
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[54] **METHODS AND COMPOSITIONS FOR INTRANASAL DELIVERY**
[54] **PROCEDES ET COMPOSITIONS POUR ADMINISTRATION INTRANASALE**
[72] NAGATA, RYOICHI, JP
[72] HARUTA, SHUNJI, JP
[73] SHIN NIPPON BIOMEDICAL LABORATORIES, LTD., JP
[73] KM BIOLOGICS CO., LTD., JP
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[54] **SYSTEMS AND METHODS FOR ABATEMENT OF GEAR RATTLE**
[54] **SYSTEMES ET METHODES DE REDUCTION DE BRUITS D'ENGRENAGE**
[72] FUNK, THOMAS, US
[72] MERRITT, ROGER, US
[72] PERRY, BRIAN, US
[73] MUNCIE POWER PRODUCTS, INC., US
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[54] **TRITERPENE SAPONINS, METHODS OF SYNTHESIS, AND USES THEREOF**
[54] **SAPONINES TRITERPENIQUES, PROCEDES DE SYNTHESE ET UTILISATIONS DE CELLES-CI**
[72] GIN, DAVID, US
[72] ADAMS, MICHELLE, US
[72] DENG, KAI, US
[72] PERL, NICHOLAS, US
[72] WON, ANNIE, US
[72] LIVINGSTON, PHILIP, US
[72] RAGUPATHI, GOVIND, US
[73] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US
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[54] **COMPILATION DE GRAPHE DE TRAITEMENT DE DONNEES**
[72] STANFILL, CRAIG W., US
[72] SHAPIRO, RICHARD, US
[73] AB INITIO TECHNOLOGY LLC, US
[85] 2018-01-31
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[54] **CATALYTIC DEHYDRATION OF HYDROXYPROPIONIC ACID AND ITS DERIVATIVES**
[54] **DESHYDRATATION CATALYTIQUE D'ACIDE HYDROXYPROPIONIQUE ET DE SES DERIVES**
[72] VELASQUEZ, JUAN ESTEBAN, US
[72] COLLIAS, DIMITRIS IOANNIS, US
[72] GODLEWSKI, JANE ELLEN, US
[72] WIREKO, FRED CHRISTIAN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-01-31
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[54] **METHOD FOR INDUCING PREDICTION MOTION VECTOR AND APPARATUSES USING SAME**
[54] **PROCEDE DE GENERATION D'UN VECTEUR DE MOUVEMENT PREDIT ET DISPOSITIFS UTILISANT CE PROCEDE**
[72] LIM, SUNG CHANG, KR
[72] KIM, HUI YONG, KR
[72] LEE, JIN HO, KR
[72] CHOI, JIN SOO, KR
[72] KIM, JIN WOONG, KR
[72] KIM, JAE GON, KR
[72] LEE, SANG YONG, KR
[72] PARK, UN KI, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[73] INDUSTRY-UNIVERSITY COOPERATION FOUNDATION KOREA AEROSPACE UNIVERSITY, KR
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[25] EN
[54] **WASHING BASKET ASSEMBLY AND TRAY ASSEMBLY FOR DISH-WASHING MACHINE AND DISH-WASHING MACHINE**
[54] **ENSEMBLE DE PANIER DE LAVAGE ET ENSEMBLE DE PLATEAU DESTINES A UN LAVE-VAISSELLE ET LAVE-VAISSELLE**
[72] CAO, HONGKUI, CN
[72] LI, MINGFENG, CN
[72] GAO, FENG, CN
[73] FOSHAN SHUNDE MIDEA WASHING APPLIANCES MFG. CO., LTD., CN
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[54] **IMPROVED ARTICULATED ARM**
[54] **BRAS ARTICULE AMELIORE**
[72] FERRARI, PAUL, US
[72] CHAMP, PETER, GB
[72] DESFORGES, LAURENT, FR
[72] DELEMOS, JEAN-PAUL, FR
[72] DUPORTAL, THIBAULT, FR
[72] FAMECHON, JEAN-LUC, FR
[72] GERENT, JERRY, US
[72] HONG, DONGMEI, US
[72] LIPPUNER, HEINZ, CH
[72] ROUX, DENNY, FR
[72] SHAMMAS, ELIE, US
[72] SIERCKS, KNUT, CH
[72] TAIT, HOGAR, US
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[54] **METHOD AND DEVICE FOR DETECTING AND ASSESSING REACTIVE HYPEREMIA USING SEGMENTAL PLETHYSMOGRAPHY**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE DETECTER ET D'EVALUER UNE HYPEREMIE REACTIONNELLE, GRACE A LA PLETHYSMOGRAPHIE SEGMENTAIRE**
[72] WHITT, MICHAEL DAVID, US
[72] MAGLIATO, KATHY ELIZABETH, US
[72] RITTERBUSH, STEPHEN, US
[73] CORDEX SYSTEMS, INC., US
[86] (2995279)
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[54] **A DRUM FOR A TOWED ANTENNA, AND INCORPORATION THEREOF IN A WINCH OR A SHIP**
[54] **UN TAMBOUR DESTINE A UNE ANTENNE REMORQUEE ET SON INCORPORATION SUR UN TREUIL OU UN NAVIRE**
[72] WUERKER, SASCHA, DE
[73] ATLAS ELEKTRONIK GMBH, DE
[85] 2018-02-22
[86] 2016-07-28 (PCT/DE2016/100345)
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[25] EN
[54] **AGONISTS THAT ENHANCE BINDING OF INTEGRIN-EXPRESSING CELLS TO INTEGRIN RECEPTORS**
[54] **AGONISTES AMELIORANT LA LIAISON DE CELLULES EXPRIMANT DES INTEGRINES A DES RECEPTEURS D'INTEGRINES**
[72] BIEDIGER, RONALD J., US
[72] GUNDLACH, C. WILLIAM, IV, US
[72] MARKET, ROBERT V., US
[72] SAVAGE, MICHAEL M., US
[72] VANDERSLICE, PETER, US
[73] TEXAS HEART INSTITUTE, US
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[54] **POLYMETHINE COMPOUNDS AND THEIR USE AS FLUORESCENT LABELS**
[54] **COMPOSES POLYMETHINES ET LEUR UTILISATION EN TANT QUE MARQUEURS FLUORESCENTS**
[72] FRANCAIS, ANTOINE, GB
[72] LIU, XIAOHAI, GB
[73] ILLUMINA CAMBRIDGE LIMITED, GB
[85] 2018-03-12
[86] 2016-09-26 (PCT/GB2016/052986)
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[54] **ESPACEUR METALLIQUE AJUSTABLE DESTINE A L'INTERCONNEXION D'ELEMENTS STRUCTURELS ALLONGES ADJACENTS ET METHODE D'UTILISATION**
[54] **ADJUSTABLE METAL SPACER FOR INTERCONNECTING ADJACENT ELONGATED STRUCTURAL MEMBERS AND METHOD OF USE**
[72] ST-JEAN, DENIS, CA
[73] ST-JEAN, DENIS, CA
[86] (2998656)
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[54] **TIGE DE FIXATION DE LA TETE D'ASTRAGALE**
[72] WONG, KIAN-MING, US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
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[54] **DEVICE FOR DETECTING AN ANALYTE IN A BODILY FLUID**
[54] **DISPOSITIF DE DETECTION D'UN ANALYTE DANS UN LIQUIDE CORPOREL**
[72] PETRICH, WOLFGANG, DE
[72] WEIDNER, FRANK, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[86] (2999334)
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[25] EN
[54] **FIXATING MEANS BETWEEN A MESH AND MESH DEPLOYMENT MEANS ESPECIALLY USEFUL FOR HERNIA REPAIR SURGERIES AND METHODS THEREOF**
[54] **MOYENS DE FIXATION ENTRE UNE MAILLE ET DES MOYENS DE DEPLOIEMENT D'UNE MAILLE, UTILES NOTAMMENT POUR LES CHIRURGIES DE REPARATION DES HERNIES ET PROCEDES ASSOCIES**
[72] SHOLEV, MORDEHAI, IL
[72] ZAJDMAN, RUTH, IL
[72] BEN-NUN, ITAY, IL
[73] DAVOL INC., US
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[54] **DERIVATIZED HYPERBRANCHED POLYGLYCEROLS**
[54] **POLYGLYCEROLS HYPER-RAMIFIES SUBSTITUES**
[72] BURT, HELEN, CA
[72] BROOKS, DONALD, CA
[72] KIZHAKKEDATHU, JAYACHANDRAN, CA
[72] LIGGINS, RICHARD, CA
[72] GUAN, DECHI, CA
[72] YE, LU, CA
[72] MUGABE, CLEMENT, CA
[72] SO, ALAN, CA
[72] GLEAVE, MARTIN, CA
[72] JACKSON, JOHN K., CA
[72] KAINTHAN, RAJESH KUMAR, US
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[73] CENTRE FOR DRUG RESEARCH AND DEVELOPMENT, CA
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[51] **Int.Cl. G06T 9/00 (2006.01)**
[25] EN
[54] **ENCODING, DECODING, AND REPRESENTING HIGH DYNAMIC RANGE IMAGES**
[54] **CODAGE, DECODAGE ET REPRESENTATION D'IMAGES A PLAGE DYNAMIQUE ETENDUE**
[72] JIA, WENHUI, US
[72] NINAN, AJIT, US
[72] TEN, ARKADY, US
[72] WARD, GREGORY JOHN, US
[72] WANG, GAVEN, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
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[54] **GARMENT WITH BACK STAYS FOR ENHANCED FIT**
[54] **VETEMENT A CORSET ARRIERE POUR UNE MEILLEURE TENUE**
[72] ANGELINO, ANTHONY, US
[72] WELSCH, DAVID, US
[72] MILLER, NANCY S., US
[72] ABURTO, JENNIE M., US
[73] CUPID FOUNDATIONS, INC., US
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[54] **SYSTEM AND METHOD FOR PROVIDING REAL-TIME TRACKING OF ITEMS IN A DISTRIBUTION NETWORK**
[54] **SYSTEME ET PROCEDE PERMETTANT D'ASSURER EN TEMPS REEL LE SUIVI D'ARTICLES DANS UN RESEAU DE DISTRIBUTION**
[72] DEARING, STEPHEN M., US
[72] GOYAL, KULDIP K., US
[72] SHERRY, CARLA F., US
[72] CRADIC, AMY B., US
[72] ATKINS, C. SCOT, US
[72] PATEL, HIMESH A., US
[73] UNITED STATES POSTAL SERVICE, US
[86] (3002450)
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[54] **RENFORTS PERIPHERIQUES DE BOITIERS DE VENTILATEUR EN COMPOSITE**
[72] GOERING, JONATHAN, US
[73] ALBANY ENGINEERED COMPOSITES, INC., US
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[54] **MICROARRAY FABRICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE FABRICATION DE MICROPUCES**
[72] BOWEN, M. SHANE, US
[72] GUNDERSON, KEVIN L., US
[72] LIN, SHENGRONG, US
[72] BACIGALUPO, MARIA CANDELARIA ROGERT, US
[72] VIJAYAN, KANDASWAMY, US
[72] WU, YIR-SHYUAN, US
[72] VENKATESAN, BALA MURALI, US
[72] TSAY, JAMES, US
[72] BEIERLE, JOHN M., US
[72] BERTI, LORENZO, US
[72] PARK, SANG RYUL, US
[73] ILLUMINA, INC., US
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[54] **SYSTEM AND METHOD FOR INHIBITING INJURY TO A PATIENT DURING LAPAROSCOPIC SURGERY**
[54] **SYSTEME ET METHODE PERMETTANT D'EMPECHER UNE BLESSURE A UN PATIENT PENDANT UNE CHIRURGIE PAR LAPAROSCOPIE**
[72] LANGLOIS, DAVID ALLAN, CA
[73] MARINER ENDOSURGERY INC., CA
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[54] **CORE-SHELL PARTICLE-BASED SECURITY PIGMENT AND METHOD FOR PRODUCTION THEREOF**
[54] **PIGMENT DE SECURITE A BASE DE PARTICULES COEUR-ECORCE ET SON PROCEDE DE PRODUCTION**
[72] KECHT, JOHANN, DE
[72] SCHLOSSBAUER, AXEL, DE
[73] GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH, DE
[85] 2018-05-03
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[54] **BEARING ASSEMBLY FOR DRILLING A SUBTERRANEAN FORMATION**
[54] **ENSEMBLE DE PALIER POUR FORER UNE FORMATION SOUTERRAINE**
[72] SAVAGE, JOHN KEITH, CA
[72] BELL, STEVEN GRAHAM, CA
[72] ROY CHOUDHURY, NEIL, CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COLDWAVE APPLIANCE**
[54] **APPAREIL A ONDE FROIDE**
[72] DUSSAULT, DAVID, US
[72] BECK, BENJAMIN J., US
[72] MARSDEN, DOUGLAS A., US
[72] DONOVAN, RYAN J., US
[73] ICECOLDNOW, INC., US
[85] 2018-05-11
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[54] **ASYNCHRONOUS SUCCESSIVE APPROXIMATION ANALOG-TO-DIGITAL CONVERTER AND RELATED METHODS AND APPARATUS**
[54] **CONVERTISSEUR ANALOGIQUE/NUMERIQUE A APPROXIMATIONS SUCCESSIVES ASYNCHRONE ET PROCEDES ET APPAREILS ASSOCIES**
[72] CHEN, KAILIANG, US
[72] RALSTON, TYLER S., US
[73] BUTTERFLY NETWORK, INC., US
[85] 2018-05-16
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[54] **SYSTEMS AND METHODS FOR USE IN VERIFYING RECURRING TRANSACTIONS TO PAYMENT ACCOUNTS**
[54] **SYSTEMES ET PROCEDES DESTINES A ETRE UTILISES LORS DE LA VERIFICATION DE TRANSACTIONS RECURRENTES VERS DES COMPTES DE PAIEMENT**
[72] VIENRAVEE, BRIAN, US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-05-22
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[54] **HYBRID STRUCTURE AND METHODS FOR FORMING THE SAME**
[54] **STRUCTURE HYBRIDE ET PROCEDES DE FORMATION DE CELLE-CI**
[72] ERICKSON, MARCUS ALEXANDER, US
[73] THE BOEING COMPANY, US
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[54] **GYPSUM PRODUCT COMPOSITION, GYPSUM PRODUCTS, AND A METHOD FOR USING A COMPOUND IN GYPSUM BOARD**
[54] **COMPOSITION DE PRODUIT A BASE DE GYPSE, PRODUITS A BASE DE GYPSE ET PROCEDE D'UTILISATION D'UN COMPOSE DANS UNE PLAQUE DE GYPSE**
[72] IRONSIDE, KANE, CN
[72] SONG, HAO, CN
[73] SAINT-GOBAIN PLACO, FR
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[54] **DYNAMIC SECURITY CODE AUTHORIZATION VERIFICATION SERVICE**
[54] **SERVICE DE VERIFICATION D'AUTORISATION DE CODE DE SECURITE DYNAMIQUE**
[72] WARNER, MARIBETH SEVIGNY, US
[72] KAULBACH, PETE, CA
[72] DUNNELL, ROBERT C., US
[72] MCDONALD, ROBERT J., US
[72] DONNELLY, KATHLEEN, US
[72] ROEWE, THOMAS, US
[72] JABR, GHASSAN T., US
[72] HOCHHALTER, MICHAEL, US
[72] BALL, RUSSELL W., US
[72] HOUSE, WINIFRED ELIZABETH, US
[72] RAO, PRASAD KRISHNAMOORTHY, US
[72] HANMER, MATTHEW, GB
[72] KRYZA, NORA, US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
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[25] EN
[54] **TOXIN GENES AND METHODS FOR THEIR USE**
[54] **GENES DE TOXINES ET LEUR UTILISATION**
[72] AGARWAL, SHRUTI, US
[72] CAMPBELL, CHRIS, US
[72] MCNULTY, BRIAN, US
[72] SAMPSON, KIMBERLY S., US
[72] TOMSO, DANIEL J., US
[73] BASF AGRICULTURAL SOLUTIONS SEED US LLC, US
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[54] **SYSTEM FOR AND METHOD OF AUTHENTICATING A USER ON A DEVICE**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION D'UN UTILISATEUR SUR UN DISPOSITIF**
[72] ALIMI, VINCENT, CA
[72] OLLIVIER, JULIEN, CA
[72] FONTAINE, SEBASTIEN, CA
[73] MOBEEWAVE SYSTEMS ULC, CA
[85] 2018-06-14
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[54] **GINKGOLIDE B DERIVATIVE AND PREPARATION METHOD AND USE THEREOF**
[54] **DERIVE DE GINKGOLIDE B, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] LI, DAXIONG, CN
[72] LI, HUIQIN, CN
[72] KE, HONG, CN
[72] FAN, XIAOBO, CN
[72] SUN, YI, CN
[73] CHENGDU BAIYU GINKGOLIDE PHARMACEUTICALS CO., LTD., CN
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[54] **APPARATUS AND METHODS FOR PURGING CATHETER SYSTEMS**
[54] **APPAREIL ET PROCEDES DE PURGE DE SYSTEMES DE CATHETER**
[72] HOWLETT, MICHAEL W., US
[72] MERCER, JAMES V., US
[72] PAOLUCCI, AMELIO, US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (3009388)
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[54] **ETIQUETTE DE COMMUNICATION EN CHAMP PROCHE**
[72] TIKKANEN, VAINO, FI
[72] HEUSALA, JANNE, FI
[72] PUKARI, MIKA, FI
[73] ILOQ OY, FI
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[54] **USE OF EP4 RECEPTOR ANTAGONISTS IN THE TREATMENT OF IL-23 MEDIATED DISEASES**
[54] **UTILISATION D'ANTAGONISTES DE RECEPTEUR EP4 DANS LE TRAITEMENT DE MALADIES MEDIEES PAR IL-23**
[72] KANAZAWA, KIYOSHI, JP
[72] NONOMURA, KAZUHIKO, JP
[72] OKUMURA, TAKAKO, JP
[72] KOIZUMI, SHINICHI, JP
[73] ASKAT INC., JP
[86] (3009937)
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[54] **HYDROGEN STATION**
[54] **STATION D'HYDROGENE**
[72] FUKUDA, TAKAYUKI, JP
[72] NAGURA, KENJI, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[86] (3010073)
[87] (3010073)
[22] 2018-06-29
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[25] EN
[54] **GAS TURBINE ENGINE WITH AN ENGINE ROTOR ELEMENT TURNING DEVICE**
[54] **TURBINE A GAZ DOTE D'UN APPAREIL FAISANT TOURNER L'ELEMENT DE ROTOR DE LA TURBINE**
[72] MILLER, BRANDON WAYNE, US
[72] MARTELL, RAYMOND FLOYD, US
[72] HOPPER, MARK LEONARD, US
[72] WAUN, SCOTT DOUGLAS, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (3010368)
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[54] **METHOD OF TREATING SKIN WITH MICRORNA MODULATORS**
[54] **PROCEDE DE TRAITEMENT DE LA PEAU AVEC DES MODULATEURS DE MICROARN**
[72] KHUSIAL, PERMANAN RAAJ, US
[72] SANTHANAM, UMA, US
[72] LYGA, JOHN W., US
[73] AVON PRODUCTS, INC., US
[86] (3010395)
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[25] EN
[54] **ELECTROMAGNETIC INDUCTION TYPE POWER SUPPLY DEVICE**
[54] **DISPOSITIF D'ALIMENTATION ELECTRIQUE DU TYPE A INDUCTION ELECTROMAGNETIQUE**
[72] KOO, JA-IL, US
[73] FERRARISPOWER CO., LTD., KR
[86] (3010956)
[87] (3010956)
[22] 2014-01-17
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[51] **Int.Cl. G06F 21/31 (2013.01) H04L 12/16 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR INCLUSIVE CAPTCHA**
[54] **SYSTEMES ET METHODES CAPTCHA INCLUSIFS**
[72] JADHAV, CHARUDATTA, IN
[72] AGRAWAL, SUMEET, IN
[72] PALADUGU, MADHU PRIYATAM VENKATA, IN
[73] TATA CONSULTANCY SERVICES LIMITED, IN
[86] (3011151)
[87] (3011151)
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[51] **Int.Cl. B60N 2/23 (2006.01)**
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[54] **ADJUSTMENT DEVICE FOR ADJUSTING THE INCLINATION OF THE BACKREST OF A SEAT OF A VEHICLE**
[54] **DISPOSITIF D'AJUSTEMENT DE L'INCLINAISON DU DOSSIER D'UN SIEGE D'UN VEHICULE**
[72] COSTANTINO, GIANFRANCO, IT
[73] MARTUR SUNGER VE KOLTUK TESISLERI TICARET VE SANAYI A.S., TR
[85] 2018-08-09
[86] 2017-09-08 (PCT/IB2017/055429)
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[54] **SENSOR FILM FOR ENDOSCOPIC INSTRUMENTS**
[54] **FILM DE CAPTEUR POUR INSTRUMENTS ENDOSCOPIQUES**
[72] BROOKS, ROBERT, CA
[72] WEE, JUSTIN, CA
[72] GERSTLE, JUSTIN, CA
[72] LOOI, THOMAS, CA
[72] DRAKE, JAMES, CA
[73] FORCEN INC., CA
[85] 2018-07-18
[86] 2017-01-27 (PCT/CA2017/050103)
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[51] **Int.Cl. B01D 3/14 (2006.01) B01D 3/16 (2006.01)**
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[54] **TRAY DECK ORIFICE DEVICE AND METHODS OF REPAIRING A TRAY DECK**
[54] **DISPOSITIF D'ORIFICE DE PLATEFORME DE PLATEAU ET PROCEDES DE REPARATION DE PLATEFORME DE PLATEAU**
[72] LASSER, ROBERT LEE, US
[73] WOVEN METAL PRODUCTS, INC., US
[85] 2018-07-20
[86] 2017-01-27 (PCT/US2017/015354)
[87] (WO2017/132519)
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[25] EN
[54] **AIR TREATMENT DEVICE AND HOUSING FOR AN AIR TREATMENT DEVICE**
[54] **DISPOSITIF DE TRAITEMENT DE L'AIR ET BATI CONNEXE**
[72] SHORE, ANGELA NIXON, US
[72] HAYNES, ANNIE PIERCE, US
[72] STAFFORD, CAROLYN MORGAN, US
[72] FORDING, JAY KINSLEY, US
[72] MANLEY, PAUL RICHARD, US
[72] LORENZ, MICHAEL ANTHONY, US
[72] MORA, LUDWIN MIGUEL, US
[72] CHOI, HUN JUNG, KR
[72] KIM, YOUNG JO, KR
[73] LOWE'S COMPANIES, INC., US
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[54] **NOVEL COMPOSITION FOR TISSUE CONSERVATION**
[54] **NOUVELLE COMPOSITION POUR LA CONSERVATION DES TISSUS**
[72] BERKA, NABIL, FR
[72] DISSARD, DOMINIQUE, FR
[72] JAY, JEAN-CHARLES, FR
[72] GILOTIN, DENIS, FR
[72] GRAUGNARD, HENRI, FR
[73] OGF, FR
[86] (3013242)
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[25] EN
[54] **NON-COMBUSTION-TYPE FLAVOR INHALER, METHOD, PROGRAM, AND RECORDING MEDIUM**
[54] **INHALATEUR D'AROME NON COMESTIBLE, PROCEDE, PROGRAMME ET MOYEN DE STOCKAGE**
[72] TAKEUCHI, MANABU, JP
[72] NAKANO, TAKUMA, JP
[72] YAMADA, MANABU, JP
[73] JAPAN TOBACCO INC., JP
[85] 2018-08-01
[86] 2017-02-15 (PCT/JP2017/005563)
[87] (WO2017/141979)
[30] JP (PCT/JP2016/054488) 2016-02-16

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[25] EN
[54] **SYSTEM AND METHOD FOR DRIVING A FASTENER**
[54] **SYSTEME ET PROCEDE POUR ENTRAINER UN ELEMENT DE FIXATION**
[72] TEBO, GLENN J., US
[73] TEBO, GLENN J., US
[86] (3013496)
[87] (3013496)
[22] 2011-12-30
[62] 2,823,568
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[25] EN
[54] **COVERED LIQUID GRAVITY FEED ANT ELIMINATION SYSTEM AND COVER ASSEMBLIES FOR BIOLOGICAL INSECT PEST CONTROL**
[54] **SYSTEME COUVERT D'ELIMINATION DE FOURMIS D'UN LIQUIDE ALIMENTE PAR GRAVITE ET ENSEMBLE COUVERCLE DESTINE A LA REGULATION BIOLOGIQUE D'INSECTES RAVAGEURS**
[72] KUPFER, KENNETH J., US
[72] MCMANUS, ROBERT E., US
[73] KM INVESTORS, LLC, US
[85] 2018-08-07
[86] 2016-09-16 (PCT/US2016/052113)
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[30] US (62/389,013) 2016-02-16
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[54] **COMPOSITION POLYMERISABLE DE FAIBLE VISCOSITE PRECURSEUR DE MATERIAUX RENFORCES A L'IMPACT**
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[72] BOURRIGAUD, SYLVAIN, FR
[72] REY, CATHY, FR
[72] BOURROUSSE, CHARLES, FR
[73] ARKEMA FRANCE, FR
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[54] **LOW-COMPLEXITY INTRA PREDICTION FOR VIDEO CODING**
[54] **PREDICTION INTERNE A FAIBLE COMPLEXITE POUR CODAGE VIDEO**
[72] BOSSEN, FRANK JAN, US
[72] TAN, THIOW KENG, SG
[73] NTT DOCOMO, INC., JP
[86] (3014052)
[87] (3014052)
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[54] **COMMUNICATIONS CHIFFREES POUR BARRIERE MOBILE**
[72] FREESE, THEODORE BRENT, US
[72] PLANCK, RANDALL LEE, US
[73] THE CHAMBERLAIN GROUP, INC., US
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[54] **PREDICTION INTERNE A FAIBLE COMPLEXITE POUR CODAGE VIDEO**
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[72] TAN, THIOW KENG, SG
[73] NTT DOCOMO, INC., JP
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[54] **COMPOSITIONS FOR CONTROL AND INHIBITION OF POLYMERIZATION OF VINYL AROMATIC MONOMERS, AND METHODS OF USE THEREOF.**
[54] **COMPOSITIONS POUR REGULER ET INHIBER LA POLYMERISATION DE MONOMERES VINYLIQUES AROMATIQUES, ET LEURS PROCEDES D'UTILISATION.**
[72] SUBRAMANIYAM, MAHESH, IN
[73] DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED, IN
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[54] **FABRIC FIRE RATED DOOR**
[54] **PORTE COUPE-FEU EN TISSU**
[72] JANICK, JAMES, US
[72] FEIST, BRIAN, US
[72] DAWDY, DAVID, US
[72] KLISH, IAN, US
[73] CORNELLCOOKSON, LLC, US
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[54] **STORAGE CONTAINER**
[54] **RECEPTACLE DE STOCKAGE**
[72] HUDSON, RICHARD D., US
[72] JOHNSON, JAMES J., US
[72] MORALES, GUSTAVO A., US
[73] SWIMC LLC, US
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[54] **DEMARRAGE RAPIDE D'ORDINATEUR**
[72] IYIGUN, MEHMET, US
[72] BAK, YEVGENIY, US
[72] WILSON, EMILY N., US
[72] STARK, KIRSTEN V., US
[72] ZHANG, SUSHU, US
[72] STEMEN, PATRICK L., US
[72] KING, BRIAN E., US
[72] KARAGOUNIS, VASILIOS, US
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[54] **A METHOD AND APPARATUS FOR THE DETECTION OF THE PRESENCE OF MYCOTOXINS IN CEREALS.**
[54] **PROCEDE ET APPAREIL POUR LA DETECTION DE PRESENCE DE MYCOTOXINES DANS DES CEREALES.**
[72] THIENPONT, HUGO, BE
[72] MEULEBROECK, WENDY, BE
[72] SMEESTERS, LIEN, BE
[73] TOMRA SORTING N.V., BE
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[54] **METHODS OF PREPARING DIATOMACEOUS EARTH FOR USE IN CONTROLLING A POPULATION OF BEDBUGS OR ARACHNIDS**
[54] **PROCEDES DE PREPARATION DE TERRE DE DIATOMEES POUR UTILISATION DANS LA LUTTE CONTRE UNE POPULATION DE PUNAISES DE LIT OU D'ARACHNIDES**
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[54] **GAS EXTRACTION CALIBRATION SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES D'ETALONNAGE D'EXTRACTION DE GAZ**
[72] PICKELL, MARK D., US
[72] LAW, DOUGLAS J., US
[72] BRUMBOIU, AUREL, US
[72] OVEDHE, WILFRED, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **DIRECT STEAM INJECTION (DSI) HEATING AND USE IN BITUMEN FROTH TREATMENT OPERATIONS**
[54] **CHAUFFAGE PAR INJECTION DIRECTE DE VAPEUR ET UTILISATION DANS LES CENTRES DE TRAITEMENT DE MOUSSE DE BITUME**
[72] ELLIGSON, SHANE, CA
[72] GUPTA, SIDDHARTH, CA
[72] BAVARESCO, JUAN, CA
[72] VAN DER MERWE, SHAWN, CA
[72] WARD, JAIME, CA
[72] VENTER, THEUNIS, CA
[72] BUCKINGHAM, DAVID, CA
[73] FORT HILLS ENERGY L.P., CA
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[54] **WATER-BASED COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT A BASE D'EAU**
[72] HASEGAWA, YOSUKE, JP
[72] KITAGAWA, HIROSHI, JP
[72] HIRAI, KATSUNORI, JP
[73] KANSAI PAINT CO., LTD., JP
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[54] **WORK MACHINE MANAGEMENT SYSTEM AND WORK MACHINE MANAGEMENT METHOD**
[54] **SYSTEME DE GESTION DE MACHINE DE TRAVAIL ET PROCEDE DE GESTION DE MACHINE DE TRAVAIL**
[72] OGIHARA, MASANORI, JP
[72] TAKEDA, KOJI, JP
[72] OZAKI, TOMONORI, JP
[72] NISHIJIMA, AKIHARU, JP
[72] KOU, RYUUEN, JP
[73] KOMATSU LTD., JP
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[54] **PULLEY STRUCTURE**
[54] **STRUCTURE DE POULIE**
[72] SHIMAMURA, HAYATO, JP
[72] IMAI, KATSUYA, JP
[72] DAN, RYOSUKE, JP
[73] MITSUBOSHI BELTING LTD., JP
[85] 2018-09-11
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[54] **GRINDING DISC DEVICE FOR A GRINDING APPARATUS**
[54] **DISPOSITIF DE DISQUE DE MEULAGE DESTINE A UN APPAREIL DE MEULAGE**
[72] BRANDSTETTER, JOSEF, DE
[73] JOBRA METALL GMBH, DE
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[54] **USE OF PTEN-LONG LEADER SEQUENCE FOR TRANSMEMBRANE DELIVERY OF MOLECULES**
[54] **UTILISATION DE LA SEQUENCE DE TETE DE LA LONGUEUR DU PTEN DANS L'ADMINISTRATION TRANSMEMBRANAIRE DE MOLECULES**
[72] PARSONS, RAMON, US
[73] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
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[54] **DISPOSITIF MEDICAL DE RETRAIT ET DE STOCKAGE D'AIGUILLE**
[72] LIMAYE, AMIT UDAY, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **DUAL CHAMBER BOTTLE AND METHOD OF MAKING SAME**
[54] **BOUTEILLE A COMPARTIMENT DOUBLE ET PROCEDE DE FABRICATION DE LADITE BOUTEILLE**
[72] DIBIASIO, SERGIO, CA
[73] SILGAN PLASTICS LLC, US
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[54] **SYSTEME D'AFFICHAGE DE GESTION DE PRODUIT**
[72] HARDY, STEPHEN N., US
[73] RTC INDUSTRIES, INC., US
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[54] **STRUCTURE DE CABLE, STRUCTURE DE CORDON D'ALIMENTATION, ET DISPOSITIF ELECTRIQUE**
[72] MA, JIANLIANG, CN
[72] ZHANG, ZHENFENG, CN
[72] LI, SONGTAO, CN
[73] GUANGDONG MIDEA KITCHEN APPLIANCES MANUFACTURING CO., LTD., CN
[73] MIDEA GROUP CO., LTD., CN
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[25] EN
[54] **ANTIBACTERIAL PHAGE, PHAGE PEPTIDES AND METHODS OF USE THEREOF**
[54] **PHAGE ANTIBACTERIEN, PEPTIDES PHAGES ET METHODES D'UTILISATION DE CEUX-CI**
[72] DA COSTA GARCIA, MIGUEL ANGELO, PT
[72] SOUSA DE SAO JOSE, CARLOS JORGE, PT
[72] RODRIGUES LEANDRO, CLARA ISABEL, PT
[72] RODRIGUES PARDAL DIAS ANTUNES MARCAL DA SILVA, FILIPA MARIA, PT
[72] FERREIRA LLORENTE GRANCHO LOURENCO, SARA, PT
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[54] **AGRICULTURAL OR HORTICULTURAL FUNGICIDE COMPOSITION AND METHOD FOR CONTROLLING PLANT PATHOGEN**
[54] **COMPOSITION FONGICIDE AGRICOLE OU HORTICOLE ET PROCEDE DE LUTTE CONTRE UN PATHOGENE DE PLANTE**
[72] SUGIMOTO, KOJI, JP
[72] SUZUKI, TAKANORI, JP
[72] YAMAMOTO, KOUDAI, JP
[73] ISHIHARA SANGYO KAISHA, LTD., JP
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[54] **TRAIN HANDLING RULES COMPLIANCE SYSTEM**
[54] **SYSTEME D'OBSERVANCE DE REGLES DE GESTION DE TRAIN**
[72] ADAMS, SEAN, US
[72] FUGATE, MARK, US
[73] NEW YORK AIR BRAKE LLC, US
[85] 2018-10-04
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[54] **NOVEL GPR119 AGONIST COMPOUNDS**
[54] **NOUVEAUX COMPOSES AGONISTES GPR119**
[72] PATIL, RAKESH ISHWAR, IN
[72] GUNJAL, AMOL PANDURANG, IN
[72] VERMA, JEEVAN, IN
[72] KUMAR, PUNEET, IN
[72] RAI, SANTOSH KUMAR, IN
[72] RAI, HIMANSHU, IN
[72] KUMAR, ANIL, IN
[73] MANKIND PHARMA LTD., IN
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[54] **DISTRIBUTED OPTICAL FIBRE SENSOR**
[54] **CAPTEUR A FIBRE OPTIQUE DISTRIBUE**
[72] HANDEREK, VINCENT, GB
[73] FOTECH GROUP LIMITED, GB
[86] (3020456)
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[54] **DISTRIBUTED OPTICAL FIBRE SENSOR**
[54] **CAPTEUR DE FIBRE OPTIQUE DISTRIBUE**
[72] HANDEREK, VINCENT, GB
[73] FOTECH GROUP LIMITED, GB
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[54] **MULTI-MODE RADIO FREQUENCY WINCH CONTROLLER**
[54] **DISPOSITIF DE COMMANDE DE TREUIL RADIOFREQUENCE MULTI-MODE**
[72] HERAVI, OLIVER, US
[72] FRETZ, DARREN G., US
[72] AVERILL, BRYAN M., US
[72] WALSTON, JEFF, US
[72] WENDLER, IAN, US
[73] WARN INDUSTRIES, INC., US
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[54] **ROTARY PLUG VALVE**
[54] **ROBINET A TOURNANT ROTATIF**
[72] TURNAU, WILLIAM F., III, US
[72] SCHUTTE, JOSEPH P., US
[72] THERIAQUE, ROBERT J., US
[72] MOUTAFIS, JOHN G., US
[72] MORANDO, VICTOR J., US
[73] BRASSCRAFT MANUFACTURING COMPANY, US
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[54] **EVERTING TRANSCATHETER VALVE AND METHODS**
[54] **VALVE TRANSCATHETER A RETOURNEMENT ET PROCEDES**
[72] BRUCHMAN, WILLIAM C., US
[72] HARTMAN, CODY L., US
[73] W. L. GORE & ASSOCIATES, INC., US
[86] (3020935)
[87] (3020935)
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[54] **NEEDLE-TYPE HEATER AND PREPARATION METHOD THEREOF, AND ELECTRICALLY HEATED CIGARETTE HAVING SAME**
[54] **DISPOSITIF DE CHAUFFAGE DE TYPE A AIGUILLE ET SON PROCEDE DE PREPARATION, ET CIGARETTE A CHAUFFAGE ELECTRIQUE COMPORTANT CELUI-CI**
[72] LIU, HUACHEN, CN
[72] CHEN, YIKUN, CN
[72] DONG, AIJUN, CN
[72] KE, WEICHANG, CN
[72] LIU, BING, CN
[72] LUO, CHENGHAO, CN
[72] DENG, TENGFEI, CN
[73] HUBEI CHINA TOBACCO INDUSTRY CO., LTD., CN
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[25] EN
[54] **DOUBLE GLASS MODULE WITH ETHYLENE-VINYL ACETATE COPOLYMER BARRIER STRUCTURE**
[54] **MODULE BIVERRE AYANT UNE STRUCTURE D'ECRAN EN COPOLYMERE ETHYLENE-ACETATE DE VINYLE**
[72] HUANG, JUNZHE, CN
[72] ZHAO, ZHIGANG, CN
[72] LIU, HONGMING, CN
[72] YAN, DELIN, CN
[72] LIN, JIAHUI, CN
[72] HUANG, XIAOLONG, CN
[72] CAO, WENBING, CN
[73] GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, CN
[85] 2018-10-15
[86] 2017-03-30 (PCT/CN2017/078811)
[87] (WO2017/177829)
[30] CN (201610235385.9) 2016-04-14

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[13] C
[51] **Int.Cl. B26D 1/10 (2006.01) B26D 3/00 (2006.01) B26D 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR SEPARATING A DRIED FIBER COMPOSITE FABRIC, USE OF A SEPARATING DEVICE FOR SEPARATING A DRIED FIBER COMPOSITE FABRIC, AND A WIND TURBINE**
[54] **PROCEDE DE SEPARATION D'UNE NAPPE COMPOSITE DE FIBRES SECHE, UTILISATION D'UN DISPOSITIF DE SEPARATION POUR SEPARER UNE NAPPE COMPOSITE DE FIBRES SECHE ET EOLIENNE**
[72] GRAVEMANN, ANDREA, DE
[72] WESTRUP, HARALD, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2018-10-18
[86] 2017-05-12 (PCT/EP2017/061442)
[87] (WO2017/194731)
[30] DE (10 2016 108 785.8) 2016-05-12

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[51] **Int.Cl. B66C 13/40 (2006.01) B66C 13/18 (2006.01) B66C 17/00 (2006.01) B66F 3/46 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND RELATED DEVICES FOR OPERATING MULTIPLE CRANES IN UNISON.**
[54] **PROCEDE, SYSTEME ET DISPOSITIFS ASSOCIES PERMETTANT DE FAIRE FONCTIONNER DE MULTIPLES GRUES SIMULTANEMENT.**
[72] CORBEIL, PAUL-ANDRE, CA
[72] STAGG, DAVID, US
[72] MONTREUIL, PIERRE, CA
[72] ETHIER, LUC, CA
[73] CATTRON NORTH AMERICA, INC., US
[86] (3021671)
[87] (3021671)
[22] 2015-05-14
[62] 2,948,778
[30] US (61/994,468) 2014-05-16
[30] US (62/109,936) 2015-01-30

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[13] C
[51] **Int.Cl. B01D 35/02 (2006.01) B65D 25/40 (2006.01)**
[25] EN
[54] **FILTER CARTRIDGES FOR JUG CONTAINER**
[54] **CARTOUCHES FILTRANTES POUR RECIPIENT CARAFE**
[72] BOUDREAU, KELLY, US
[72] JOHNSON, KEITH D., US
[72] SHERMAN, MICHAEL J., US
[72] BRIGANO, FRANK A., US
[72] KIRCHNER, RICHARD A., US
[72] PILOSI, PAUL A., US
[72] NESS, JASON J., US
[73] KX TECHNOLOGIES LLC, US
[86] (3021855)
[87] (3021855)
[22] 2015-02-06
[62] 2,929,133
[30] US (61/947,182) 2014-03-03
[30] US (14/610,373) 2015-01-30

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[51] **Int.Cl. A61K 33/24 (2019.01) A61K 31/4172 (2006.01) A61P 5/46 (2006.01)**
[25] EN
[54] **USE OF CHROMIUM HISTIDINATE FOR TREATMENT OF CARDIOMETABOLIC DISORDERS**
[54] **UTILISATION D'HISTIDINATE DE CHROME POUR LE TRAITEMENT DE TROUBLES CARDIOMETABOLIQUES**
[72] JUTURU, VIJAYA, US
[72] KOMOROWSKI, JAMES, US
[73] JDS THERAPEUTICS, LLC, US
[86] (3021932)
[87] (3021932)
[22] 2008-01-29
[62] 2,931,881
[30] US (60/887561) 2007-01-31

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[51] **Int.Cl. E21B 43/26 (2006.01) E21B 41/00 (2006.01) E21B 43/267 (2006.01) G10K 11/16 (2006.01)**
[25] EN
[54] **SYSTEM FOR REDUCING NOISE IN A HYDRAULIC FRACTURING FLEET**
[54] **DISPOSITIF DE REDUCTION DU BRUIT DANS UN GROUPE DE MACHINES DE FRACTURATION HYDRAULIQUE**
[72] OEHRING, JARED, US
[73] US WELL SERVICES LLC, US
[86] (3022108)
[87] (3022108)
[22] 2016-01-14
[62] 2,917,529
[30] US (62/103,414) 2015-01-14

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[13] C
[51] **Int.Cl. B60L 7/28 (2006.01)**
[25] EN
[54] **EDDY CURRENT BRAKING SYSTEM AND METHOD FOR INSTALLING THE SAME ON A VEHICLE**
[54] **SYSTEME DE FREINAGE A COURANT DE FOUCAULT ET METHODE D'INSTALLATION DUDIT SYSTEME SUR UN VEHICULE**
[72] LOISELLE, JESSE, CA
[72] SAVOIE-LAVIGUEUR, GUILLAUME, CA
[73] LOISELLE, JESSE, CA
[73] SAVOIE-LAVIGUEUR, GUILLAUME, CA
[86] (3023064)
[87] (3023064)
[22] 2018-11-05
[30] US (62/581,757) 2017-11-05

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[51] **Int.Cl. E04G 19/00 (2006.01) B28B 7/10 (2006.01) B28B 13/06 (2006.01) E04G 11/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SEPARATING A CONCRETE BLOCK FROM A FORM**
[54] **APPAREIL ET METHODE DE SEPARATION D'UN BLOC DE BETON D'UNE FORME**
[72] KLOSS, JACOB, US
[72] WALZ, MATTHEW, US
[73] REDI-ROCK INTERNATIONAL, LLC, US
[86] (3023145)
[87] (3023145)
[22] 2018-11-06
[30] US (62/582,991) 2017-11-08
[30] US (16/177,520) 2018-11-01

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[51] **Int.Cl. A61B 5/1495 (2006.01) A61B 5/145 (2006.01) A61B 5/1486 (2006.01)**
[25] EN
[54] **GLUCOSE SENSOR SIGNAL STABILITY ANALYSIS**
[54] **ANALYSE DE STABILITE DU SIGNAL D'UN CAPTEUR DE GLUCOSE**
[72] LUO, YING, US
[72] GOTTLIEB, REBECCA K., US
[72] RAMACHANDRAN, MEENA, US
[72] CHIU, CHIA HUNG, US
[72] DANGUI PATEL, NANDITA, US
[72] KREMLIOVSKY, MICHAEL, US
[72] ROSE, JEFFERSON, US
[73] MEDTRONIC MINIMED, INC., US
[86] (3023304)
[87] (3023304)
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[62] 2,800,833
[30] US (61/357803) 2010-06-23
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[13] C
[51] **Int.Cl. G01C 21/32 (2006.01) G01C 21/34 (2006.01)**
[25] EN
[54] **ROUTE DETERMINATION AND NAVIGATION BASED ON MULTI-VERSION MAP REGIONS**
[54] **DETERMINATION D'ITINERAIRE ET NAVIGATION BASEE SUR DES REGIONS DE CARTE A VERSIONS MULTIPLES**
[72] GONOPOLSKIY, ALEX, DE
[72] ROLF, DANIEL, DE
[72] JAKUBOWSKI, TOMASZ, DE
[72] MAISCHBERGER, MIRKO, DE
[73] HERE GLOBAL B.V., NL
[85] 2018-11-06
[86] 2017-04-06 (PCT/EP2017/058196)
[87] (WO2017/207145)
[30] EP (16172221.0) 2016-05-31

[11] **3,023,428**
[13] C
[51] **Int.Cl. F16H 7/12 (2006.01) F16F 7/02 (2006.01) F16F 15/04 (2006.01)**
[25] EN
[54] **AUTO TENSIONER PROVIDED IN AUXILIARY DEVICE DRIVE BELT SYSTEM**
[54] **TENDEUR AUTOMATIQUE PLACE DANS UN SYSTEME DE COURROIE D'ENTRAINEMENT DE DISPOSITIF AUXILIAIRE**
[72] OISHI, SATOSHI, JP
[73] MITSUBOSHI BELTING LTD., JP
[85] 2018-11-06
[86] 2017-06-26 (PCT/JP2017/023412)
[87] (WO2018/003746)
[30] JP (2016-126315) 2016-06-27
[30] JP (2017-113115) 2017-06-08

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[13] C
[51] **Int.Cl. G01S 5/02 (2010.01)**
[25] EN
[54] **POSITIONING SYSTEM**
[54] **SYSTEME DE POSITIONNEMENT**
[72] BARTOV, AVISHAI, IL
[72] ZLOTNICK, YOSSI, IL
[73] ROSEMOUNT INC., US
[85] 2018-11-07
[86] 2017-05-02 (PCT/US2017/030512)
[87] (WO2017/196584)
[30] US (62/335,192) 2016-05-12
[30] US (15/416,017) 2017-01-26

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[13] C
[51] **Int.Cl. B41F 27/10 (2006.01) B41F 30/04 (2006.01)**
[25] EN
[54] **APPARATUS FOR ACTUATING A HYDRAULIC CARRIER ROD OF A ROTARY PRINTING MACHINE**
[54] **APPAREIL D'ACTIONNEMENT D'UNE TIGE DE SUPPORT HYDRAULIQUE D'UNE MACHINE D'IMPRESSION ROTATIVE**
[72] LANDENBERGER, LORENZ, DE
[73] BOBST BIELEFELD GMBH, DE
[85] 2018-11-15
[86] 2017-05-24 (PCT/EP2017/025146)
[87] (WO2017/202506)
[30] DE (20 2016 102 779.9) 2016-05-25

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[51] **Int.Cl. C02F 11/12 (2019.01) C02F 1/52 (2006.01) C02F 11/14 (2019.01) C02F 11/16 (2006.01) C10G 1/04 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR DEPOSITION AND DEWATERING OF THICK FINE TAILINGS**
[54] **DEPOT SUBAERIEN ET TECHNIQUES DE MANUTENTION POUR DESHYDRATER DES RESIDUS FINS**
[72] CHARLEBOIS, LAWRENCE EDWARD WILLIAM, CA
[72] CALDWELL, JACK ARTHUR, CA
[72] WELS, CHRISTOPH FRANZ-PETER, CA
[72] REVINGTON, ADRIAN, CA
[72] BUGG, TREVOR, CA
[72] SANCHEZ, ANA, CA
[73] SUNCOR ENERGY INC., CA
[86] (3024423)
[87] (3024423)
[22] 2013-06-20
[62] 2,932,810
[30] US (61/662,683) 2012-06-21
[30] US (61/670,893) 2012-07-12

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[13] C
[51] **Int.Cl. E04H 12/24 (2006.01)**
[25] EN
[54] **COMPOSITE CROSSARM AND TRANSMISSION POLE**
[54] **TRAVERSE EN COMPOSITE ET POTEAU DE TRANSMISSION**
[72] MA, BIN, CN
[72] YU, JIE, CN
[72] LI, DEQUAN, CN
[72] FANG, JIANG, CN
[73] JIANGSU SHEMAR ELECTRIC CO., LTD., CN
[85] 2018-12-17
[86] 2018-05-17 (PCT/CN2018/087362)
[87] (WO2018/223829)
[30] CN (201710431830.3) 2017-06-09

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[51] **Int.Cl. A62D 3/02 (2007.01) A62D 3/34 (2007.01) B09C 1/00 (2006.01) B09C 1/10 (2006.01) C02F 1/70 (2006.01) C02F 3/34 (2006.01)**
[25] EN
[54] **COMPOSITION WITH A TIME RELEASE MATERIAL FOR REMOVING HALOGENATED HYDROCARBONS FROM CONTAMINATED ENVIRONMENTS**
[54] **COMPOSITION COMPRENANT UN MATERIAU A ACTION RETARD POUR ELIMINER DES HYDROCARBURES HALOGENES D'ENVIRONNEMENTS CONTAMINES**
[72] NOLAND, SCOTT, US
[73] REMEDIATION PRODUCTS, INC., US
[85] 2018-12-03
[86] 2017-04-13 (PCT/US2017/027384)
[87] (WO2017/192254)
[30] US (15/147,733) 2016-05-05

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[13] C
[51] **Int.Cl. F16L 15/04 (2006.01)**
[25] EN
[54] **THREADED CONNECTION**
[54] **RACCORD FILETE**
[72] MARUTA, SATOSHI, JP
[72] IWAMOTO, MICHIHIKO, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
[73] NIPPON STEEL CORPORATION, JP
[85] 2018-12-04
[86] 2017-09-15 (PCT/JP2017/033565)
[87] (WO2018/052141)
[30] JP (2016-181175) 2016-09-16

[11] **3,026,676**
[13] C
[51] **Int.Cl. C10G 1/04 (2006.01) G01N 33/18 (2006.01)**
[25] EN
[54] **CAUSTIC DOSING FOR PRIMARY EXTRACTION IN OIL SANDS PROCESSING**
[54] **DOSAGE CAUSTIQUE POUR EXTRACTION PRIMAIRE DANS LE TRAITEMENT DE SABLES BITUMINEUX**
[72] YANG, XIAOLI, CA
[73] FORT HILLS ENERGY L.P., CA
[86] (3026676)
[87] (3026676)
[22] 2018-12-06

[11] **3,026,700**
[13] C
[51] **Int.Cl. C07D 401/04 (2006.01)**
[25] EN
[54] **APOPTOSIS SIGNAL-REGULATING KINASE INHIBITOR**
[54] **INHIBITEUR DE LA KINASE REGULANT LES SIGNAUX DE L'APOPTOSE**
[72] NOTTE, GREGORY, US
[73] GILEAD SCIENCES, INC., US
[86] (3026700)
[87] (3026700)
[22] 2013-01-24
[62] 2,862,030
[30] US (61/591710) 2012-01-27

[11] **3,026,738**
[13] C
[51] **Int.Cl. C07D 233/56 (2006.01)**
[25] EN
[54] **APOPTOSIS SIGNAL-REGULATING KINASE INHIBITOR**
[54] **INHIBITEUR DE LA KINASE REGULANT LES SIGNAUX DE L'APOPTOSE**
[72] NOTTE, GREGORY, US
[73] GILEAD SCIENCES, INC., US
[86] (3026738)
[87] (3026738)
[22] 2013-01-24
[62] 2,862,030
[30] US (61/591710) 2012-01-27

[11] **3,027,015**
[13] C
[51] **Int.Cl. H05B 47/105 (2020.01) H04W 12/06 (2009.01) H04W 4/021 (2018.01) H04W 4/029 (2018.01) H05B 47/11 (2020.01) H05B 47/115 (2020.01) H05B 47/175 (2020.01) G01S 5/00 (2006.01)**
[25] EN
[54] **ASSOCIATING INFORMATION WITH AN ASSET OR A PHYSICAL SPACE**
[54] **ASSOCIATION D'INFORMATIONS A UN ACTIF OU A UN ESPACE PHYSIQUE**
[72] PATEL, SANJEEV, US
[72] GORDON, GAILE, US
[72] MOHAN, TANUJ, US
[73] ENLIGHTED, INC., US
[85] 2018-12-07
[86] 2017-05-15 (PCT/US2017/032764)
[87] (WO2017/213808)
[30] US (15/179,988) 2016-06-11

[11] **3,027,096**
[13] C
[51] **Int.Cl. C04B 35/536 (2006.01) C04B 38/00 (2006.01) C09K 3/10 (2006.01)**
[25] EN
[54] **DEPLOYMENT OF EXPANDABLE GRAPHITE**
[54] **DEPLOIEMENT DE GRAPHITE EXPANSIBLE**
[72] ZHAO, LEI, US
[72] NEWMAN, CALEB R., US
[72] WOOD, EDWARD T., US
[72] XU, ZHIYUE, US
[73] BAKER HUGHES INCORPORATED, US
[86] (3027096)
[87] (3027096)
[22] 2015-08-25
[62] 2,962,737
[30] US (14/501889) 2014-09-30

[11] **3,027,473**
[13] C
[51] **Int.Cl. H05B 3/14 (2006.01) H05B 3/56 (2006.01)**
[25] EN
[54] **HEATING ELEMENT**
[54] **ELEMENT CHAUFFANT**
[72] BILOTTI, EMILIANO, GB
[72] PORWAL, HARSHIT, GB
[72] LIU, YI, GB
[72] NEWTON, MARK, GB
[72] EVANS, JAMIE, GB
[73] LMK THERMOSAFE LTD., GB
[85] 2018-12-12
[86] 2017-06-29 (PCT/GB2017/051909)
[87] (WO2018/002633)
[30] GB (1611397.9) 2016-06-30

[11] **3,027,601**
[13] C
[51] **Int.Cl. F03D 1/06 (2006.01) F03D 80/40 (2016.01)**
[25] EN
[54] **WIND TURBINE BLADE WITH BUSBARS**
[54] **PALES D'EOLIENNE AVEC BARRES OMNIBUS**
[72] SPANDLEY, LUKE, GB
[72] BADGER, PAUL, GB
[72] BUGGY, STEPHEN, GB
[73] VESTAS WIND SYSTEMS A/S, DK
[85] 2018-12-13
[86] 2017-06-29 (PCT/DK2017/050220)
[87] (WO2018/001435)
[30] DK (PA 2016 70482) 2016-06-30

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[13] C
[51] **Int.Cl. F21V 21/26 (2006.01) B65G 69/00 (2006.01) F21V 21/15 (2006.01) F21V 21/28 (2006.01) F21V 21/34 (2006.01)**
[25] EN
[54] **MOTION SENSING DOCK LIGHTING SYSTEMS**
[54] **SYSTEMES D'ECLAIRAGE DE QUAI A DETECTION DE MOUVEMENT**
[72] DONDLINGER, JASON, US
[72] KORMAN, JOE, US
[72] MCNEIL, MATTHEW, US
[72] PARUCH, LUCAS, US
[72] OLSON, ANDY, US
[72] SNYDER, RONALD, US
[72] WAUGAMAN, CHARLES, US
[72] WIEGEL, AARON, US
[73] RITE-HITE HOLDING CORPORATION, US
[86] (3027623)
[87] (3027623)
[22] 2014-01-29
[62] 2,898,859
[30] US (13/762,916) 2013-02-08

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[13] C
[51] **Int.Cl. A61M 5/142 (2006.01) F04B 1/063 (2020.01) A61M 5/14 (2006.01) A61M 5/36 (2006.01) A61M 39/22 (2006.01) F04B 27/067 (2006.01) F16K 11/076 (2006.01)**
[25] EN
[54] **INTRAVENOUS PISTON PUMP DISPOSABLE AND MECHANISM**
[54] **POMPE A PISTON D'INTRAVEINEUSE JETABLE ET MECANISME**
[72] FRANKS, BRETT H., US
[73] CAREFUSION 303, INC., US
[86] (3027944)
[87] (3027944)
[22] 2010-05-26
[62] 2,762,828
[30] US (12/472,710) 2009-05-27

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[13] C
[51] **Int.Cl. E03F 3/04 (2006.01) E01F 5/00 (2006.01) E03F 3/06 (2006.01) F16L 57/02 (2006.01)**
[25] FR
[54] **REINFORCEMENT PROCESS FOR WORK AND SYSTEM FOR IMPLEMENTING SAME**
[54] **PROCEDE DE RENFORCEMENT D'OUVRAGE ET SYSTEME POUR SA MISE EN OEUVRE**
[72] LEBOEUF, JACKY, FR
[72] SABIR, NAJEEB, FR
[73] SOLETANCHE FREYSSINET, FR
[86] (3028187)
[87] (3028187)
[22] 2018-12-19
[30] FR (17 63 013) 2017-12-22

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[51] **Int.Cl. B65D 1/02 (2006.01)**
[25] EN
[54] **SYNTHETIC RESIN BOTTLE**
[54] **BOUTEILLE EN RESINE SYNTHETIQUE**
[72] SAITO, HIROMICHI, JP
[72] OSHINO, TADAYOSHI, JP
[72] ASARI, TSUTOMU, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[86] (3028468)
[87] (3028468)
[22] 2009-11-18
[62] 2,943,758
[30] JP (2008-302002) 2008-11-27
[30] JP (2009-111633) 2009-04-30
[30] JP (2009-196789) 2009-08-27

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[13] C
[51] **Int.Cl. B64C 7/02 (2006.01) B64D 29/00 (2006.01) B64D 29/08 (2006.01) B64D 45/00 (2006.01) G05B 23/00 (2006.01)**
[25] EN
[54] **WIRELESS AIRCRAFT ENGINE COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION DE MOTEUR D'AVION SANS FIL**
[72] BULUMULLA, SELAKA BANDARA, US
[72] DELL'ANNO, MICHAEL JOSEPH, US
[72] PLATT, WILLIAM CHESTER, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2018-12-19
[86] 2017-04-20 (PCT/US2017/028480)
[87] (WO2017/222628)
[30] US (15/191,143) 2016-06-23

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[13] C
[51] **Int.Cl. G01R 31/50 (2020.01) B60D 1/64 (2006.01) B60R 16/03 (2006.01) H02G 3/16 (2006.01)**
[25] EN
[54] **ELECTRICAL POWER MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE LA PUISSANCE ELECTRIQUE**
[72] BEAN, ADAM, US
[72] BEGIN, TOM, US
[73] PHILLIPS CONNECT TECHNOLOGIES LLC, US
[86] (3028766)
[87] (3028766)
[22] 2018-12-28

[11] **3,029,317**
[13] C
[51] **Int.Cl. F16L 37/091 (2006.01) F16L 21/08 (2006.01)**
[25] EN
[54] **SELF-LOCKING PUSH-TO-CONNECT INSERT**
[54] **INSERT AUTOBLOQUANT INSTANTANE**
[72] BOBO, DAVID, US
[72] LAFORTUNE, JAMES, US
[72] OLDSEN, DEREK, US
[72] FRISCHE-MOURI, PAUL, US
[72] KELSEY, ROBERT B., US
[72] RINKENBERG, KEN, US
[73] NIBCO INC., US
[86] (3029317)
[87] (3029317)
[22] 2014-12-10
[62] 2,928,872
[30] US (61/914,533) 2013-12-11
[30] US (14/564,293) 2014-12-09

[11] **3,029,940**
[13] C
[51] **Int.Cl. G01D 21/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LOCALIZING A TRACKEE AT A LOCATION AND MAPPING THE LOCATION USING TRANSITIONS**
[54] **SYSTEME ET PROCEDE PERMETTANT LA LOCALISATION D'UN OBJET POURSUIVI AU NIVEAU D'UN EMPLACEMENT ET CARTOGRAPHIE DE L'EMPLACEMENT A L'AIDE DE TRANSITIONS**
[72] FUNK, BENJAMIN E., US
[72] NAPORA, JARED, US
[72] KORDARI, KAMIAR, US
[72] VERMA, RUCHIKA, US
[72] BANDYOPADHYAY, AMRIT, US
[72] TEOLIS, CAROLE, US
[73] TRX SYSTEMS, INC., US
[86] (3029940)
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[72] MATSUOKA, ITSUMI, JP
[72] SENBA, YUSUKE, JP
[72] KOBAYASHI, HIROSHI, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
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[54] **CYLINDRE EN CAOUTCHOUC AVEC BAGUES D'ETANCHEITE DURES AUX DEUX EXTREMITES, GARNITURE D'ETANCHEITE ET BOUCHON PROVISOIRE**
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[72] LONG, XUEWU, CN
[73] TIANDING SEALING TECHNOLOGY (BEIJING) CO., LTD., CN
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[54] **SYSTEME ET PROCEDE POUR PREPARER UNE QUANTITE PREDEFINIE DE BOISSON**
[72] WONG, KON EUAN GERARD, NL
[72] BRANDT, GUIDO, NL
[72] KOELING, HENDRIK CORNELIS, NL
[72] KAMERBEEK, RALF, NL
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[72] VALJA, ANTTI, FI
[72] AIRIKKALA, HEIKKI, FI
[72] TUOMINIEMI, SEPPO, FI
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[73] VALMET TECHNOLOGIES OY, FI
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[54] **PROCEDE DE CODAGE DE SIGNAL MULTICANAL ET CODEUR**
[72] LI, HAITING, CN
[72] LIU, ZEXIN, CN
[72] ZHANG, XINGTAO, CN
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[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **MECANISME DE VERROU ET AUTOCUISEUR**
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[73] PANASONIC APPLIANCES MICROWAVE OVEN(SHANGHAI) CHINA CO., LTD., CN
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[54] **CATALYSEURS POUR LA PRODUCTION DE POLYOLEFINES A LARGE DISTRIBUTION DES MASSES MOLECULAIRES EN L'ABSENCE D'HYDROGENE AJOUTE**
[72] CRAIN, TONY R., US
[72] MCDANIEL, MAX P., US
[72] YANG, QING, US
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[54] **TUYAU EN ACIER PLAQUE SOUDE PAR RESISTANCE ELECTRIQUE ET SON PROCEDE DE FABRICATION**
[72] IDE, SHINSUKE, JP
[72] MATSUMOTO, AKIHIDE, JP
[72] MATSUMOTO, ATSUSHI, JP
[72] OKABE, TAKATOSHI, JP
[73] JFE STEEL CORPORATION, JP
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[72] CHEN, MINGYU, CN
[72] LU, CHEN, CN
[72] WANG, YIFAN, CN
[72] HUANG, DIYU, CN
[72] ZHU, HEPAN, CN
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[54] **TRAITEMENT DE COUCHE DE MATERIAU DE PEROVSKITE**
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[72] CHUTE, JERRED A., US
[72] DHAS, VIVEK V., US
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[54] **SYSTEME D'AFFINITE DE DONNEES LOCALISEES ET PROCEDE HYBRIDE**
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[73] UNITED STATES POSTAL SERVICE, US
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[54] **METHODES ET SYSTEMES DE CREATION D'IMPULSIONS DE PRESSION DESTINES A LA TELEMETRIE PAR IMPULSION POUR LES OUTILS DE MESURE DE FOND PENDANT LE FORAGE EMPLOYANT UN BELIER HYDRAULIQUE A ENTRAINEMENT DIRECT**
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[72] BERBEROV, SALVADOR, CA
[73] STANDARD DIRECTIONAL SERVICES LTD., CA
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[72] MOHINDRA, ROHIT, CA
[72] VIJAYAN, SANTHOSH, CA
[72] ACOSTA GONZALES, MARCELO JAVIER, CA
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[54] **PROCEDES DE CONTROLE DE CHARGE DE BATTERIE, PROCEDES DE CHARGE DE VEHICULE ELECTRIQUE, APPAREILS DE CHARGE DE BATTERIE ET SYSTEMES DE BATTERIE RECHARGEABLE**
[72] TUFFNER, FRANCIS K., US
[72] KINTNER-MEYER, MICHAEL C.W., US
[72] HAMMERSTROM, DONALD J., US
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[54] **CONSTRUCTIONS AMELIOREES DE CODES POLAIRES PAR PLACEMENT STRATEGIQUE DE BITS DE CONTROLE DE REDONDANCE CYCLIQUE**
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[72] RICHARDSON, THOMAS JOSEPH, US
[73] QUALCOMM INCORPORATED, US
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[73] PRICE INDUSTRIES LIMITED, CA
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[54] **COMPOSITION DE POLYETHYLENE POUR LE MOULAGE PAR SOUFFLAGE AYANT UN TAUX DE GONFLEMENT ELEVE ET UNE RESISTANCE AUX CHOCS ELEVEE**
[72] DOTSCH, DIANA, DE
[72] MARCZINKE, BERND LOTHAR, DE
[72] MEIER, GERHARDUS, DE
[72] SCHULLER, ULF, DE
[72] DAMM, ELKE, DE
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[54] **COMPOSITION DE POLYETHYLENE POUR LE MOULAGE PAR SOUFFLAGE AYANT UNE RESISTANCE ELEVEE A LA FISSURATION SOUS CONTRAINTE**
[72] DOTSCH, DIANA, DE
[72] MARCZINKE, BERND LOTHAR, DE
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[54] **PROCEDE ET APPAREIL POUR IMPRIMER SUR UN OBJET AYANT UNE SURFACE INCURVEE**
[72] SILBERT, ROLF, US
[72] ROSATI, ROBERT, US
[72] BUSE, DAVID, US
[72] TAMMER, OLEV, US
[72] MERTEN, MATTHIAS, US
[73] GEN-PROBE INCORPORATED, US
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[54] **DETECTION D'UN MOTEUR DE REGISTRE MECANIQUEMENT DECONNECTE DU REGISTRE**
[72] THOMAS, HERMAN MARCUS, US
[72] TROXELL, MARCUS W., US
[72] WALTER, STEPHEN A., US
[73] LENNOX INDUSTRIES INC., US
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[54] **AMORTISSEUR ROTATIF**
[72] BATTLOGG, STEFAN, AT
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[54] **COMPOSANTE DE CHASSIS COMPORTANT UN AMORTISSEUR ROTATIF**
[72] BATTLOGG, STEFAN, AT
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[72] DESJARDINS, OLIVIER, CA
[73] REKICK MASSAGE INC., CA
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[54] **COMPOSITIONS CONTENANT DES OLEFINES SUBSTITUEES PAR DU FLUOR**
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[72] PHAM, HANG T., US
[72] WILSON, DAVID P., US
[72] THOMAS, RAYMOND H., US
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[54] **SURFACE DE JEU ATHLETIQUE**
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[73] BURKE, RICHARD L., US
[86] (3054912)
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[54] **HARVESTING TUMBLER**
[54] **CULBUTEUR DE RECOLTE**
[72] MCKELLAR, AARON, CA
[72] MCKELLAR, AMANDA, CA
[72] INGRAM, ERIK, CA
[72] KLOSSOK, RUDI, CA
[72] HEYWOOD, JOE, CA
[72] O'SULLIVAN, DAVID, CA
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[54] **FOOT OPERATED TRACTION DEVICE AND METHOD OF USING SAME FOR MECHANICAL CERVICAL RIPENING**
[54] **APPAREIL DE DILATATION ACTIONNE PAR LE PIED ET METHODES D'UTILISATION POUR LA MATURATION MECANIQUE DU COL**
[72] CROTEAU, DIANE, CA
[73] VALDI MEDICAL INC., CA
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[54] **EXTENDED RELEASE COMPOSITIONS COMPRISING PYRIDOSTIGMINE**
[54] **COMPOSITIONS A LIBERATION PROLONGEE COMPRENANT DE LA PYRIDOSTIGMINE**
[72] VAKA, SIVA RAM KIRAN, US
[72] SHELKE, NAMDEV B., US
[72] DESAI, DIPEN, US
[72] PHUAPRADIT, WANTANEE, US
[72] SHAH, NAVNIT H., US
[73] KASHIV BIOSCIENCES, LLC, US
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[54] **SYSTEME DE TRAPPE POUR UN BATIMENT**
[72] FLIEGL, JOSEF, SEN., DE
[73] FLIEGL AGRO-CENTER GMBH, DE
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[54] **DISPOSITIF STABILISATEUR ET LIMITATEUR DE REMORQUE**
[72] KIMENER, THOMAS TERRENCE, US
[73] STABILOCK, LLC, US
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[54] **SYSTEMS, METHODS, AND MEDIA FOR DETECTING ABNORMALITIES IN EQUIPMENT THAT EMIT ULTRASONIC ENERGY INTO A SOLID MEDIUM DURING FAILURE**
[54] **SYSTEMES, PROCEDES ET MOYENS DE DETECTION D'ANOMALIES DANS UN EQUIPEMENT, EMETTANT DE L'ENERGIE ULTRASONORE VERS UN MILIEU SOLIDE PENDANT UNE DEFAILLANCE**
[72] OWENS, PETER, US
[72] MICALLEF, DAVID, MT
[73] LATENCY, LLC, US
[85] 2020-03-03
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[54] **SUIVI DU BUDGET PRIVE DIFFERENTIEL AU MOYEN D`UNE DIVERGENCE DE RENYI**
[72] NERURKAR, ISHAAN, US
[72] HOCKENBROCHT, CHRISTOPHER, US
[72] ROZENSHTEYN, ALEXANDER, US
[72] DAMEWOOD, LIAM, US
[72] MARUSEAC, MIHAI, US
[73] LEAPYEAR TECHNOLOGIES, INC., US
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[54] **ROLLER CART FOR EXCAVATION SUPPORT STRUCTURES AND METHODS FOR USING SAME**
[54] **CHARIOT A ROULEAUX POUR STRUCTURES DE SUPPORT D'EXCAVATION ET PROCEDES D'UTILISATION DE CE DERNIER**
[72] CHILTON, RONALD W., US
[73] NATIONAL TRENCH SAFETY, LLC, US
[85] 2020-05-14
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[25] EN
[54] **UMBRELLA BAG BUNDLE, HOLDING STRUCTURE FOR UMBRELLA BAG BUNDLE, AND BAG OPENING DEVICE**
[54] **ENSEMBLE DE SACS DE PARAPLUIE, STRUCTURE DE MAINTIEN D'ENSEMBLE DE SACS DE PARAPLUIE, ET DISPOSITIF D'OUVERTURE DE SAC**
[72] HIBINO, MAHO, JP
[73] NIIKURA SCALES CO., LTD., JP
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[54] **POCHETTE DE PROTECTION REGLABLE AVEC CLAVIER SANS FIL**
[72] STUKANOV, IGOR, CA
[71] STUKANOV, IGOR, CA
[22] 2019-06-04
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[54] **MECHANISM FOR SECURING A PAYLOAD IN A DESIRED ANGULAR ORIENTATION**
[54] **MECANISME POUR FIXER UNE CHARGE UTILE DANS UNE ORIENTATION ANGULAIRE VOULUE**
[72] ORAVECZ, PAUL, US
[71] ORAVECZ, PAUL, US
[22] 2019-05-29
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[25] EN
[54] **ELECTRIC VEHICLE CHARGER AND RELATED METHODS**
[54] **CHARGEUR DE VEHICULE ELECTRIQUE ET PROCEDES CONNEXES**
[72] DUNJIC, MILOS, CA
[72] JOHEB, ASAD, CA
[72] RAVEENTHRAN, RAVIVARMA, CA
[72] LALKA, VIPUL KISHORE, CA
[71] THE TORONTO-DOMINION BANK, CA
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[25] EN
[54] **SUPPORT BRACKET ASSEMBLY AND METHOD**
[54] **ENSEMBLE ET PROCEDE DE PALIER DE SUPPORT**
[72] HATZINIKOLAS, MICHAEL, CA
[71] HATZINIKOLAS, MICHAEL, CA
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[54] **ECROU DE VIS-MERE**
[72] MCISAAC, FRANK, CA
[72] CLEMENTS, PAUL, CA
[71] GORDIAN ENTERPRISES INC., CA
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[25] EN
[54] **WRAP BANDAGE STORAGE CONTAINER**
[54] **CONTENEUR DE STOCKAGE DE PANSEMENT D`EMBALLAGE**
[72] WEBSTER, BRIAN, CA
[71] WEBSTER, BRIAN, CA
[22] 2019-05-29
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[54] **SYSTEM AND METHOD FOR MACHINE LEARNING ARCHITECTURE WITH REWARD METRIC ACROSS TIME SEGMENTS**
[54] **SYSTEME ET METHODE D`ARCHITECTURE D`APPRENTISSAGE AUTOMATIQUE AVEC INDICATEURS DE RECOMPENSE PAR SEGMENTS TEMPORELS**
[72] DING, WEIGUANG, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2019-05-30
[41] 2020-11-30

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[13] A1
[51] **Int.Cl. H02M 3/155 (2006.01) H02M 1/08 (2006.01)**
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[54] **SYNCHRONOUS RECTIFICATION OF LLC CONVERTERS BASED ON HOMOPOLARITY**
[54] **REDRESSEMENT SYNCHRONE DE CONVERTISSEURS DE CONTROLE DE LIAISON LOGIQUE (LLC) FONDE SUR COURANT HOMOPOLAIRE**
[72] KSIAZEK, PETER, CA
[72] SHAFIEI, NAVID, CA
[72] KHANDEKAR, RAHUL, CA
[72] MOHAMMADI, MEHDI, CA
[72] ORDONEZ, MARTIN, CA
[72] MAHDAVI, MOHAMMAD, CA
[71] ALPHA TECHNOLOGIES LTD., CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[51] **Int.Cl. G06Q 20/22 (2012.01) G06Q 20/32 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **A SYSTEM AND METHOD OF CONVERTING COINS INTO ELECTRONIC FORM DURING CASH TRANSACTION**
[54] **SYSTEME ET PROCEDE DE CONVERSION DE PIECES DE MONNAIE EN FORMAT ELECTRONIQUE LORS D`UNE TRANSACTION EN ESPECES**
[72] MALIK, ATIF, PK
[71] MALIK, ATIF, PK
[71] MALIK, KASHIF, CA
[71] NAWAZ, ASIM, CA
[22] 2019-05-30
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[51] **Int.Cl. A47C 16/00 (2006.01) A47C 1/14 (2006.01) A47C 3/16 (2006.01) A47C 4/32 (2006.01)**
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[54] **A COLLAPSIBLE BACKREST**
[54] **DOSSIER REPLIABLE**
[72] STINSON, GEOFFREY, CA
[72] MARTINELLO, CORY, CA
[71] STINSON, GEOFFREY, CA
[71] MARTINELLO, CORY, CA
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[51] **Int.Cl. F16K 31/46 (2006.01) E03B 7/07 (2006.01) E03B 9/00 (2006.01) F16K 41/00 (2006.01)**
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[54] **VALVE ROD ISOLATION APPARATUS AND ASSEMBLY**
[54] **APPAREIL ET ENSEMBLE D`ISOLEMENT DE TIGE DE SOUPAPE**
[72] REDDEKOPP, JACOB WAYNE, CA
[71] REDDEKOPP, JACOB WAYNE, CA
[22] 2019-05-30
[41] 2020-11-30

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[25] EN
[54] **INTRAORAL SURGICAL MOUTH PROP**
[54] **OUVRE-BOUCHE CHIRURGICAL INTRABUCCAL**
[72] DAY, RALPH PAUL, GB
[71] ROBINSON HEALTHCARE LIMITED, GB
[22] 2019-05-31
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[51] **Int.Cl. B60D 1/18 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **HITCH ATTACHABLE RELEASING HOLDER FOR SAFETY CHAINS**
[54] **SUPPORT DE RELACHEMENT POUVANT ETRE FIXE A UN ATTELAGE POUR DES CHAINES DE SECURITE**
[72] OLSON, BRIAN R., CA
[71] POWER PIN INC., CA
[22] 2019-06-03
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[25] EN
[54] **METHOD TO PRODUCE A PLANT EXTRACT FROM PLANT MATERIAL**
[54] **PROCEDE DE PRODUCTION D`UN EXTRAIT VEGETAL A PARTIR D`UN MATERIAU VEGETAL**
[72] BARTH, SAWYER, CA
[72] HOWARDSON, ARNIE, CA
[71] BARTH, SAWYER, CA
[71] HOWARDSON, ARNIE, CA
[22] 2019-05-31
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[51] **Int.Cl. F04C 2/04 (2006.01) F15B 3/00 (2006.01)**
[25] EN
[54] **VALVELESS, TOOTHED BELT, POSITIVE DISPLACEMENT FLUID PRESSURE INTENSIFIER AND PUMP**
[54] **COURROIE CRANTEE SANS SOUPAPES, MULTIPLICATEUR DE PRESSION DE FLUIDE A DEPLACEMENT POSITIF ET POMPE**
[72] VOWLES, GERALD J., CA
[71] VOWLES, GERALD J., CA
[22] 2019-06-03
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[54] **HYBRID PROCESS FOR ENHANCED SURFACE HARDENING**
[54] **PROCEDE HYBRIDE POUR DURCISSEMENT SUPERFICIEL AMELIORE**
[72] JONES, DAKOTA Z., CA
[72] WOOD, GENTRY D., CA
[72] HAMRE, DOUGLAS J., CA
[71] APOLLO MACHINE & WELDING LTD., CA
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[54] **METAL OR ALLOY FRAMED INSULATED BUILDING CLADDING SYSTEM**
[54] **SYSTEME DE REVETEMENT DE BATIMENT ISOLE A CADRE METALLIQUE OU EN ALLIAGE**
[72] DELANEY, DON, CA
[72] KOSHURBA, TYLER, CA
[72] MCMANUS, JOHN, CA
[71] FLYNN GROUP OF COMPANIES, CA
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[54] **DRIVE THRU - THE BOARDGAME**
[54] **SERVICE A L`AUTO - LE JEU DE SOCIETE**
[72] MILLWATER, PENNY L., CA
[72] GLOWACH, RANDY M.K., CA
[71] MILLWATER, PENNY L., CA
[71] GLOWACH, RANDY M.K., CA
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[25] EN
[54] **MAIZE INBRED PH2TV4**
[54] **MAIS AUTOGAME PH2TV4**
[72] ARBELBIDE, MARTIN, US
[72] ZHANG, JULIA XIULING, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[25] EN
[54] **MAIZE INBRED PH2TB4**
[54] **MAIS AUTOGAME PH2TB4**
[72] CARRIGAN, LORI LISA, US
[72] GARCIA, GUSTAVO MARCELO, CA
[72] YU, JIANBIN, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **AREL ROTATING JOINT**
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[72] AREL, RICHARD, CA
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[54] **LINEAR BRAKING SYSTEM FOR RAIL VEHICLES**
[54] **SYSTEME DE FREINAGE LINEAIRE POUR VEHICULES FERROVIAIRES**
[72] KLASSEN, NORM, CA
[71] KLASSEN, NORM, CA
[22] 2019-06-03
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[30] US (16/430,346) 2019-06-03

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[25] EN
[54] **SOLAR POWERED CAMPING CHAIR**
[54] **CHAISE DE CAMPING A ENERGIE SOLAIRE**
[72] UNKNOWN, XX
[71] MCINTYRE, CHAD D.S., CA
[22] 2019-06-03
[41] 2020-12-03

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[51] **Int.Cl. G06Q 40/00 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **WORK TRACKING AND ADVANCES IN AN EMPLOYEE DATABASE SYSTEM**
[54] **SUIVI DU TRAVAIL ET AVANCES SUR SALAIRE POUR SYSTEME DE BASE DE DONNEES SUR LES EMPLOYES**
[72] ZUBENKO, ROMAN, US
[72] JOLLY, SAHIL, US
[72] LE, PHAN ANH, US
[72] NEWTON, WILLIAM, US
[72] SKALLI, OMAR, US
[72] KIM, KEVIN HYUNIL, US
[71] ZENPAYROLL, INC., US
[22] 2019-05-31
[41] 2020-11-30
[30] US (16/426,669) 2019-05-30

[21] **3,045,064**
[13] A1
[51] **Int.Cl. A41D 27/10 (2006.01) A41D 3/00 (2006.01)**
[25] EN
[54] **SLEEVE FOR A GARMENT**
[54] **MANCHE POUR VETEMENT**
[72] RIQUETTI, JESSICA CECILIE, CA
[72] RENAUD, CLEMENTINE GENEVIEVE JACQUELINE, CA
[71] LULULEMON ATHLETICA CANADA INC., CA
[22] 2019-06-04
[41] 2020-12-04

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[13] A1
[51] **Int.Cl. C02F 1/44 (2006.01) C02F 1/00 (2006.01)**
[25] EN
[54] **GRAVITY CREATED TRANSMEMBRANE PRESSURE PERMEATE PUMPING VIA U TUBE SIPHON CONFIGURATION**
[54] **POMPAGE A PERMEAT DE LA PRESSION TRANSMEMBRANAIRE CREEE PAR GRAVITE AU MOYEN D`UNE CONFIGURATION EN U DU TUBE SIPHON**
[72] KHAN, ABDUL, CA
[71] KHAN, ABDUL, CA
[22] 2019-06-04
[41] 2020-12-04

[21] **3,045,119**
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[51] **Int.Cl. H04W 4/024 (2018.01) H04N 21/80 (2011.01) G08B 21/02 (2006.01) G09G 5/377 (2006.01) H04W 4/14 (2009.01) G02B 5/10 (2006.01)**
[25] EN
[54] **METHOD TO HELP NAVIGATE USERS OF MOBILE DEVICES BY RE-DIRECTED CAMERA VIEWS**
[54] **PROCEDE POUR AIDER A DETERMINER L`EMPLACEMENT DES UTILISATEURS D`APPAREILS MOBILES EN REORIENTANT LES VUES DE CAMERA**
[72] LEUNG, DANIEL L., CA
[71] LEUNG, DANIEL L., CA
[22] 2019-06-04
[41] 2020-12-04

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[51] **Int.Cl. G09G 5/377 (2006.01) A63F 13/424 (2014.01) A63F 13/52 (2014.01) G10L 15/26 (2006.01) H04N 5/335 (2011.01)**
[25] EN
[54] **COMMUNICATION WITH AUGMENTED REALITY VIRTUAL AGENTS**
[54] **COMMUNICATION AVEC DES AGENTS VIRTUELS DE REALITE AUGMENTEE**
[72] REDDAN, ANTHONY, CA
[72] BEDARD, RENAUD, CA
[71] EIDOS INTERACTIVE CORP., CA
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[41] 2020-12-03

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[51] **Int.Cl. G06T 15/04 (2011.01) A63F 13/52 (2014.01) A63F 13/825 (2014.01) G06T 15/50 (2011.01) G09G 5/377 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUGMENTED REALITY APPLICATIONS**
[54] **SYSTEMES ET METHODES POUR APPLICATIONS DE REALITE AUGMENTEE**
[72] BEDARD, RENAUD, CA
[71] EIDOS INTERACTIVE CORP., CA
[22] 2019-06-03
[41] 2020-12-03

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[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **DYNAMIC MANAGEMENT OF CONSENT AND PERMISSIONING BETWEEN EXECUTED APPLICATIONS AND PROGRAMMATIC INTERFACES**
[54] **GESTION DYNAMIQUE DE CONSENTEMENT ET D`AUTORISATION ENTRE DES APPLICATIONS EXECUTEES ET DES INTERFACES DE PROGRAMMATION**
[72] DUNJIC, MILOS, CA
[72] CHOW, ARTHUR CARROLL, CA
[72] TAX, DAVID SAMUEL, CA
[72] ROUHANI, ARMON, CA
[72] AJMANI. KEITH SANJAY, CA
[72] KLIEWER, GREGORY ALBERT, CA
[72] NGUYEN, ANTHONY HAITUYEN, CA
[72] LOZON, MARTIN ALBERT, CA
[72] EL-ONSI, KAREEM, CA
[72] ALAVI-HARATI, ASHKAN, CA
[72] JAGGA, ARUN VICTOR, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-06-04
[41] 2020-12-03
[30] US (16/429,719) 2019-06-03

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[51] **Int.Cl. G01G 23/36 (2006.01) H04W 4/38 (2018.01) H04W 4/80 (2018.01) G01G 19/02 (2006.01) H04W 88/08 (2009.01)**
[25] EN
[54] **WEIGHING INSTRUMENT USING A GENERAL-PURPOSE COMPUTER AS THE PRIMARY DISPLAY AND DATA ENTRY**
[54] **INSTRUMENT DE PESAGE UTILISANT UN ORDINATEUR UNIVERSEL COMME ECRAN PRINCIPAL ET ENTREE DE DONNEES**
[72] WECHSELBERGER, ERIC, US
[72] MCDONALD, BARRY, US
[71] METTLER-TOLEDO, LLC, US
[22] 2019-06-04
[41] 2020-12-04

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[13] A1
[51] **Int.Cl. F16B 7/18 (2006.01) E04B 1/38 (2006.01) E04B 1/94 (2006.01) E04C 5/16 (2006.01) F16B 12/14 (2006.01)**
[25] EN
[54] **BEAM END CONNECTION USING EMBEDDED MECHANICAL FASTENING**
[54] **ATTACHE POUR BOUT DE POUTRE UTILISANT UN ACCESSOIRE DE POSE INTEGRE**
[72] HUBBARD, CORY W., CA
[72] SALEM, OSAMA, CA
[71] LAKEHEAD UNIVERSITY, CA
[22] 2019-06-04
[41] 2020-12-04

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[51] **Int.Cl. E04F 13/21 (2006.01)**
[25] EN
[54] **WALL CONNECTING ASSEMBLY AND METHOD FOR CONNECTING A WALL PANEL TO A WALL STRUCTURE**
[54] **ENSEMBLE DE RACCORDS MURAUX ET PROCEDE POUR RELIER UN PANNEAU MURAL A UNE STRUCTURE MURALE**
[72] LEBLANC, GERMAIN, CA
[72] BOUKHILI, RACHID, CA
[72] FILALI, SAAD, CA
[72] ABUSREA, MAHMOUD, CA
[71] LEBLANC, GERMAIN, CA
[22] 2019-06-05
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[25] EN
[54] **DIGITAL DISPLAY DEVICE COMPRISING A COMPLEMENTARY LIGHT FIELD DISPLAY PORTION, AND VISION CORRECTION SYSTEM AND METHOD USING SAME**
[54] **DISPOSITIF D`AFFICHAGE NUMERIQUE COMPRENANT UN AFFICHEUR DE CHAMP LUMINEUX COMPLEMENTAIRE, ET SYSTEME ET PROCEDE DE CORRECTION DE LA VISION**
[72] MIHALI, RAUL, US
[72] ETIGSON, JOSEPH IVAR, CA
[71] EVOLUTION OPTIKS LIMITED, BB
[22] 2019-06-05
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[51] **Int.Cl. F25B 7/00 (2006.01) F01P 3/22 (2006.01) F28D 15/02 (2006.01) F28D 21/00 (2006.01) F28F 27/00 (2006.01)**
[25] EN
[54] **TIGHT TEMPERATURE CONTROL AT A THERMAL LOAD WITH A TWO PHASE PUMPED LOOP, OPTIONALLY AUGMENTED WITH A VAPOR COMPRESSION CYCLE**
[54] **REGULATION RIGOUREUSE DE LA TEMPERATURE SOUS UNE CHARGE THERMIQUE A L`AIDE D`UNE BOUCLE DE POMPAGE BIPHASEE, AUGMENTEE EN OPTION PAR UN CYCLE DE COMPRESSION DE VAPEUR**
[72] SNYDER, DOUGLAS J., US
[72] HEAD, MICHAEL J., US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
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[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **MODIFICATION OF DATA SHARING BETWEEN SYSTEMS**
[54] **MODIFICATION DE PARTAGE DE DONNEES ENTRE DES SYSTEMES**
[72] DUNJIC, MILOS, CA
[72] NGUYEN, ANTHONY HAITUYEN, CA
[72] KLIEWER, GREGORY ALBERT, CA
[72] TAX, DAVID SAMUEL, CA
[72] POGULURU, SAIRAM SRINIVASA, CA
[72] BHAT, SHISHIR DATTATRAYA, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-06-05
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[51] **Int.Cl. G06F 21/64 (2013.01) G06F 21/62 (2013.01)**
[25] EN
[54] **DYNAMIC MANAGEMENT AND IMPLEMENTATION OF CONSENT AND PERMISSIONING PROTOCOLS USING CONTAINER-BASED APPLICATIONS**
[54] **GESTION DYNAMIQUE ET MISE EN OEUVRE DE PROTOCOLES DE CONSENTEMENT ET D`AUTORISATION A L`AIDE D`APPLICATIONS BASEES SUR DES CONTENEURS**
[72] DUNJIC, MILOS, CA
[72] CHOW, ARTHUR CARROLL, CA
[72] TAX, DAVID SAMUEL, CA
[72] ROUHANI, ARMON, CA
[72] AJMANI. KEITH SANJAY, CA
[72] KLIEWER, GREGORY ALBERT, CA
[72] NGUYEN, ANTHONY HAITUYEN, CA
[72] LOZON, MARTIN ALBERT, CA
[72] EL-ONSI, KAREEM, CA
[72] ALAVI-HARATI, ASHKAN, CA
[72] JAGGA, ARUN VICTOR, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-06-05
[41] 2020-12-04
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[13] A1
[51] **Int.Cl. E04D 13/076 (2006.01)**
[25] EN
[54] **RAIN GUTTER COVER ASSEMBLY**
[54] **ENSEMBLE COUVERCLE POUR GOUTTIERE**
[72] GRAVES, STEVEN, CA
[71] GRAVES, STEVEN, CA
[22] 2019-06-05
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[51] **Int.Cl. A61L 27/36 (2006.01) A61K 35/35 (2015.01) A61K 35/36 (2015.01)**
[25] EN
[54] **ACELLULAR SOFT TISSUE-DERIVED MATRICES AND METHODS FOR PREPARING SAME**
[54] **MATRICES DERIVEES DE TISSUS MOUS ACELLULAIRES ET LEURS PROCEDES DE PREPARATION**
[72] SCHILLING, BENJAMIN, US
[72] MADANS, ANDREW, US
[72] PHIPPS, ABIGAIL, US
[72] TYLUTKI, THOMAS, US
[72] NILSEN, TODD, US
[72] HUANG, YEN-CHEN, US
[72] CHNARI, EVANGELIA, US
[71] MUSCULOSKELETAL TRANSPLANT FOUNDATION, US
[22] 2019-06-12
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[51] **Int.Cl. G09B 9/00 (2006.01) G06Q 40/02 (2012.01) G09G 5/377 (2006.01) H04N 5/335 (2011.01)**
[25] EN
[54] **SIMULATOR FOR VALUE INSTRUMENT NEGOTIATION TRAINING**
[54] **SIMULATEUR POUR FORMATION EN NEGOCIATION D`INSTRUMENT DE VALEUR**
[72] NAVARRO, MIGUEL, CA
[72] ZAIDI, SADIA, CA
[72] ABBAS, MOHAMED, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-06-18
[41] 2020-11-30
[30] US (16/427,606) 2019-05-31

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[51] **Int.Cl. G07F 19/00 (2006.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **IMMEDIATE RELEASE OF RESOURCE FOR DATA TRANSFER**
[54] **LIBERATION IMMEDIATE DE RESSOURCES POUR LE TRANSFERT DE DONNEES**
[72] JONES, CHRISTOPHER MARK, CA
[72] CHALIFOUX, MARC, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-06-17
[41] 2020-12-05
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[51] **Int.Cl. B60G 21/02 (2006.01) B60G 7/00 (2006.01) B60G 21/04 (2006.01) B60G 21/06 (2006.01)**
[25] EN
[54] **CROSS-LINKED VEHICLE SUSPENSION**
[54] **SUSPENSION DE VEHICULE RETICULEE**
[72] KOLLITZ, ALEX, US
[71] KOLLITZ, ALEX, US
[22] 2019-08-02
[41] 2020-11-29
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[51] **Int.Cl. A23L 13/50 (2016.01) A23L 13/00 (2016.01) A23L 13/60 (2016.01) A23L 13/70 (2016.01) A23L 27/00 (2016.01) A22C 9/00 (2006.01) A22C 21/00 (2006.01)**
[25] EN
[54] **HIGH VISCOSITY BRINE FOR WHOLE POULTRY**
[54] **SAUMURE A VISCOSITE ELEVEE POUR VOLAILLE ENTIERE**
[72] HUNT, DALE ROBERT, US
[71] JOHN BEAN TECHNOLOGIES CORPORATION, US
[22] 2019-08-21
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[30] US (62/855,578) 2019-05-31

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[25] EN
[54] **FLUORESCENT MEROCYANINE DYES, ASSOCIATED CONJUGATES AND METHODS**
[54] **COLORANTS FLUORESCENTS DE TYPE MEROCYANINE, CONJUGUES ET PROCEDES CONNEXES**
[72] MANDERVILLE, RICHARD, CA
[72] GRAY, MICAELA, CA
[72] CHUNG, ANDREW, CA
[72] VAN RIESEN, ABIGAIL, CA
[72] DEORE, PRASHANT, CA
[71] UNIVERSITY OF GUELPH, CA
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[51] **Int.Cl. B60R 21/0132 (2006.01) B60R 21/01 (2006.01) B64D 25/00 (2006.01) G08B 21/02 (2006.01)**
[25] EN
[54] **SAFETY SYSTEM INITIATOR WITH ELECTRONICALLY ADJUSTABLE FIRE TIME**
[54] **INITIATEUR DE SYSTEME DE SECURITE AVEC DUREE DE FEU PROGRAMMEE ELECTRONIQUEMENT**
[72] DOYLE, ADAM M., US
[72] PROCTOR, RUSSELL C., US
[71] B/E AEROSPACE, INC., US
[22] 2019-11-28
[41] 2020-12-04
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[51] **Int.Cl. B64C 25/60 (2006.01) B64C 25/18 (2006.01) F16F 9/56 (2006.01)**
[25] EN
[54] **SHOCK STRUT SHRINKING SYSTEM**
[54] **SYSTEME DE RETRACTION DU MONTANT AMORTISSEUR**
[72] DITZLER, ADAM J., US
[71] GOODRICH CORPORATION, US
[22] 2019-11-28
[41] 2020-11-29
[30] US (16/425,591) 2019-05-29

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[51] **Int.Cl. G01R 31/52 (2020.01) B64F 5/60 (2017.01) G01R 31/56 (2020.01) B64D 15/12 (2006.01) G01D 18/00 (2006.01) G01R 15/18 (2006.01)**
[25] EN
[54] **DIFFERENTIAL LEAKAGE CURRENT MEASUREMENT FOR HEATER HEALTH MONITORING**
[54] **MESURE DU COURANT DE FUITE DIFFERENTIEL POUR SURVEILLER L`ETAT FONCTIONNEL D`UN RECHAUFFEUR**
[72] ESSAWY, MAGDI A., US
[72] QUY, DENNIS A., US
[72] HUYNH, CUONG THO, US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2019-12-04
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[25] EN
[54] **HYDRAULIC THRUST REVERSER ACTUATION SYSTEM**
[54] **SYSTEME D`ACTIONNEUR DU RENVERSEUR DE POUSSEE HYDRAULIQUE**
[72] HUDSON, TIM, GB
[72] WHARTON, BRETT, GB
[71] GOODRICH ACTUATION SYSTEMS LIMITED, GB
[22] 2019-12-06
[41] 2020-11-30
[30] EP (19177725.9) 2019-05-31

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[51] **Int.Cl. F16K 17/04 (2006.01) F16K 24/02 (2006.01) G05D 16/16 (2006.01)**
[25] EN
[54] **PRESSURE RELIEF VALVE**
[54] **SOUPAPE DE DECHARGE**
[72] MEZZINO, GIACOMO, IT
[72] TAFUNI, DOMENICO, IT
[72] MORNACCHI, ANDREA, IT
[71] MICROTECNICA S.R.L., IT
[22] 2019-12-11
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[51] **Int.Cl. F16N 13/16 (2006.01) B64C 13/28 (2006.01) F16H 25/22 (2006.01) F16H 57/04 (2010.01) F16N 1/00 (2006.01) F16N 9/02 (2006.01)**
[25] EN
[54] **BALLSCREW ACTUATORS**
[54] **ACTIONNEURS DE VIS A BILLES**
[72] TREZIERES, MARLENE, FR
[71] GOODRICH ACTUATION SYSTEMS SAS, FR
[22] 2019-12-12
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[51] **Int.Cl. E04B 1/66 (2006.01) E04B 1/00 (2006.01) E04B 1/62 (2006.01) E04B 1/70 (2006.01)**
[25] EN
[54] **BUILDING ENVELOPE ASSEMBLY INCLUDE MOISTURE TRANSPORATION FEATURE**
[54] **ENSEMBLE D`ENCEINTE DE BATIMENT COMPRENANT UNE FONCTION DE TRANSPORT DE L`HUMIDITE**
[72] STENDER, MARK L., US
[71] MOISTURE MANAGEMENT, LLC, US
[22] 2020-01-03
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[30] US (16/426,709) 2019-05-30

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[51] **Int.Cl. E04B 1/00 (2006.01) E02D 15/02 (2006.01) E04B 1/62 (2006.01) E04B 1/66 (2006.01) E04G 21/14 (2006.01)**
[25] EN
[54] **METHODS AND CONFIGURATIONS OF AN AIRTIGHT BUILDING**
[54] **PROCEDES ET CONFIGURATIONS D`UN BATIMENT ETANCHE**
[72] TREVILLE, PHILIP, CA
[72] TREVILLE, LOUIS-CHRISTOPHE, CA
[71] STOREXCA CONTROLLED ATMOSPHERE INC, CA
[22] 2020-01-10
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[51] **Int.Cl. F16D 65/092 (2006.01)**
[25] EN
[54] **HYDRAULIC CALIPER DISC BRAKE WITH SPHERICAL-FACED WASHERS**
[54] **FREIN A DISQUE A ETRIER HYDRAULIQUE AVEC RONDELLES SPHERIQUES**
[72] HAINES, JAMES W., US
[72] MCALLISTER, KEITH R., US
[72] DODD, KENNETH A., US
[72] DENNIS, BRIAN P., US
[72] CRAWFORD, NORMAN D., US
[72] POZIVILKO, PETER J., US
[71] AUSCO PRODUCTS, INC., US
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[30] US (16/722,267) 2019-12-20
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[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01) F01D 25/26 (2006.01) F02C 7/24 (2006.01)**
[25] EN
[54] **CERAMIC MATRIX COMPOSITE HANGER HEAT SHIELD**
[54] **ECRAN THERMIQUE DE SUPPORT EN COMPOSITE A MATRICE CERAMIQUE**
[72] VETTERS, DANIEL K., US
[72] CRUTCHFIELD, JEFFREY M., US
[72] RAZZELL, ANTHONY G., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2020-02-20
[41] 2020-11-30
[30] US (16/428330) 2019-05-31

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[13] A1
[51] **Int.Cl. B32B 38/18 (2006.01) B32B 3/18 (2006.01) B32B 38/04 (2006.01) B64C 1/06 (2006.01)**
[25] EN
[54] **COMPOSITE FORMING STATION**
[54] **STATION POUR FORMER DES COMPOSITES**
[72] CHAMORRO ALONSO, FRANCISCO JAVIER, ES
[72] NOGUEROLES VINES, PEDRO, ES
[72] GARCIA GARCIA, AQUILINO, ES
[72] GALIANA BLANCO, JORGE JUAN, ES
[72] PEREZ PASTOR, AUGUSTO, ES
[72] MARTIN ISABEL, JULIAN, ES
[71] AIRBUS OPERATIONS, S.L.U., ES
[22] 2020-03-13
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[51] **Int.Cl. F01D 9/02 (2006.01) C04B 35/80 (2006.01)**
[25] EN
[54] **CERAMIC MATRIX COMPOSITE TURBINE VANE AND METHOD FOR MAKING**
[54] **AILETTE DE TURBINE EN COMPOSITE A MATRICE CERAMIQUE ET SON PROCEDE DE FABRICATION**
[72] SHINAVSKI, ROBERT J., US
[72] TRAN, THOMAS, US
[72] LUKHARD, KEVIN, US
[72] FREEMAN, TED J., US
[72] BROWN, STEFFAN, US
[71] ROLLS-ROYCE HIGH TEMPERATURE COMPOSITES INC., US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC., US
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[51] **Int.Cl. F21V 29/56 (2015.01)**
[25] EN
[54] **LIGHT EMITTING DIODE COOLING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE REFROIDISSEMENT DES DIODES ELECTROLUMINESCENTES**
[72] EDWARDS, CHARLES, US
[71] NBCUNIVERSAL MEDIA, LLC, US
[22] 2020-03-18
[41] 2020-11-29
[30] US (62/854,161) 2019-05-29
[30] US (16/731,619) 2019-12-31
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[51] **Int.Cl. G01N 33/2045 (2019.01) B22F 3/24 (2006.01) B22F 5/00 (2006.01) B24B 9/02 (2006.01) B29C 45/00 (2006.01)**
[25] EN
[54] **MONOLITHIC PRECURSOR TEST COUPONS FOR TESTING MATERIAL PROPERTIES OF METAL-INJECTION-MOLDED COMPONENTS AND METHODS AND APPARATUSES FOR MAKING SUCH COUPONS**
[54] **COUPONS TESTS DE PRECURSEUR MONOLITHIQUE POUR METTRE A L`ESSAI LES PROPRIETES MATERIELLES DES COMPOSANTS MOULES PAR INJECTION DE METAUX, ET PROCEDES ET APPAREILS POUR FABRIQUER LESDITS COUPONS**
[72] PECINA, JOSEPH A., US
[72] BACKHAUS, GARY M., US
[71] THE BOEING COMPANY, US
[22] 2020-03-27
[41] 2020-11-29
[30] US (16/425696) 2019-05-29

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[13] A1
[51] **Int.Cl. B64C 1/12 (2006.01) B32B 3/02 (2006.01) B32B 3/12 (2006.01) B32B 5/20 (2006.01) B32B 7/14 (2006.01)**
[25] EN
[54] **STRINGERLESS SANDWICH FUSELAGE PANELS**
[54] **PANNEAUX DE FUSELAGE EN SANDWICH SANS TAMIS**
[72] SONG, WEIDONG, US
[71] THE BOEING COMPANY, US
[22] 2020-04-06
[41] 2020-11-29
[30] US (16/425,059) 2019-05-29

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[13] A1
[25] EN
[54] **AIR SYSTEM OF MULTI-ENGINE AIRCRAFT**
[54] **CIRCUIT PNEUMATIQUE D`UN AERONEF MULTIMOTEUR**
[72] NG, KEVIN, CA
[72] BEAUCHESNE-MARTEL, PHILIPPE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-04-08
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[30] US (62/855,087) 2019-05-31
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[13] A1
[51] **Int.Cl. E06B 7/16 (2006.01) B64D 11/04 (2006.01) E05D 7/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SEALING A COMPARTMENT**
[54] **SYSTEMES ET METHODES POUR SCELLER UN COMPARTIMENT**
[72] BROWN, DOUGHLAS A., US
[72] SCHALLA, JAMES P., US
[72] BALVANZ, JUSTIN W., US
[72] MORAN, THOMAS J., US
[71] THE BOEING COMPANY, US
[22] 2020-04-06
[41] 2020-11-29
[30] US (16/424,979) 2019-05-29

[21] **3,078,063**
[13] A1
[51] **Int.Cl. B23K 9/29 (2006.01) B23K 9/095 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO PROVIDE WELDING-TYPE POWER AND PREHEATING POWER**
[54] **PROCEDES ET APPAREIL POUR FOURNIR LA PUISSANCE DE TYPE DE SOUDAGE ET DE PRECHAUFFAGE**
[72] HOEGER, MICHAEL V., US
[72] SCHNEIDER, JOSEPH C., US
[71] ILLINOIS TOOL WORK INC., US
[22] 2020-04-28
[41] 2020-11-30
[30] US (62/855,316) 2019-05-31
[30] US (16/842,251) 2020-04-07

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[13] A1
[51] **Int.Cl. F02C 9/54 (2006.01) F02C 9/42 (2006.01)**
[25] EN
[54] **CONTROL LOGIC FOR GAS TURBINE ENGINE FUEL ECONOMY**
[54] **LOGIQUE DE COMMANDE POUR L`ECONOMIE DE CARBURANT DE LA TURBINE A GAZ**
[72] COUTU, DANIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-04-09
[41] 2020-11-30
[30] US (62/855,062) 2019-05-31
[30] US (16/560,365) 2019-09-04
[30] US (62/855,131) 2019-05-31
[30] US (16/672,977) 2019-11-04

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[13] A1
[51] **Int.Cl. B64D 33/00 (2006.01) B64D 31/00 (2006.01) F01D 13/00 (2006.01) F02C 6/08 (2006.01)**
[25] EN
[54] **AIR SYSTEM OF MULTI-ENGINE AIRCRAFT**
[54] **CIRCUIT PNEUMATIQUE D`UN AERONEF MULTIMOTEUR**
[72] JOSHI, NINAD, CA
[72] MESLIOUI, SID-ALI, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-04-09
[41] 2020-11-30
[30] US (62/855,131) 2019-05-31
[30] US (16/672,977) 2019-11-04

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[13] A1
[51] **Int.Cl. G01N 23/201 (2018.01) B64F 5/60 (2017.01) G01N 23/04 (2018.01)**
[25] EN
[54] **X-RAY SCATTERING METHOD AND SYSTEM FOR NON-DESTRUCTIVELY INSPECTING BOND LINE AND POROSITY**
[54] **PROCEDE ET SYSTEME DE DIFFUSION DES RAYONS X POUR UNE SURVEILLANCE NON DESTRUCTRICE DES LIGNES DE LIAISONS ET LA POROSITE**
[72] SAFAI, MORTEZA, US
[71] THE BOEING COMPANY, US
[22] 2020-04-14
[41] 2020-11-30
[30] US (16/426,070) 2019-05-30

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[13] A1
[51] **Int.Cl. H04L 12/12 (2006.01) H04W 76/14 (2018.01) H04L 12/24 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PEER-TO-PEER COMMUNICATIONS**
[54] **SYSTEMES ET METHODES DE COMMUNICATIONS ENTRE PAIRS**
[72] KILBURN, MICHAEL, US
[71] MITEL NETWORKS CORPORATION, CA
[22] 2020-05-05
[41] 2020-11-30
[30] US (16/428567) 2019-05-31

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[21] **3,079,703**
[13] A1
[51] **Int.Cl. B64D 39/00 (2006.01)**
[25] FR
[54] **AIRCRAFT EQUIPPED WITH AN IN-FLIGHT FUEL REPLENISHMENT SYSTEM**
[54] **AERONEF MUNI D'UN SYSTEME DE RAVITAILLEMENT DE CARBURANT EN VOL**
[72] MARTIGNAGO, NICOLAS, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2020-04-28
[41] 2020-11-29
[30] FR (1905743) 2019-05-29

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[13] A1
[51] **Int.Cl. B64C 11/30 (2006.01) G01D 5/12 (2006.01)**
[25] EN
[54] **FEEDBACK DEVICE WITH NON-AXIALLY ALIGNED POSITION MARKERS**
[54] **APPAREIL DE RETOUR DOTE DE MARQUEURS DE POSITION ALIGNES AXIALEMENT**
[72] DURAND, SEAN, CA
[72] KUDRNA, RICHARD, CA
[72] FARRELL, IAN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-04-28
[41] 2020-11-30
[30] US (62/854,995) 2019-05-31

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[13] A1
[51] **Int.Cl. B64C 11/30 (2006.01) B64D 31/00 (2006.01) G01D 5/12 (2006.01)**
[25] EN
[54] **FEEDBACK DEVICE WITH DIFFERING MAGNETIC PERMEABILITY ZONES**
[54] **APPAREIL DE RETOUR DOTE DE ZONES PERMEABLES MAGNETIQUES DIFFERENTES**
[72] DURAND, SEAN, CA
[72] KUDRNA, RICHARD, CA
[72] FARRELL, IAN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-04-28
[41] 2020-11-30
[30] US (62/854,996) 2019-05-31

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[13] A1
[51] **Int.Cl. F16K 37/00 (2006.01) F16K 7/12 (2006.01) F16K 31/02 (2006.01)**
[25] EN
[54] **COMMISSIONING A DIAPHRAGM VALVE**
[54] **MISE EN SERVICE D`UN ROBINET A MEMBRANE**
[72] SCHWARZ, MANUEL, CH
[72] LALEVIC, NOVICA, CH
[71] GEORG FISCHER ROHRLEITUNGSSYSTEME AG, CH
[22] 2020-05-05
[41] 2020-11-29
[30] EP (19177295.3) 2019-05-29

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[13] A1
[51] **Int.Cl. A47H 1/142 (2006.01)**
[25] EN
[54] **CURTAIN BRACKET MOUNTING DEVICE**
[54] **DISPOSITIF DE MONTAGE D`UN SUPPORT DE RIDEAU**
[72] ONYEGASI, UCHE, US
[71] ONYEGASI, UCHE, US
[22] 2020-05-08
[41] 2020-11-29
[30] US (16425351) 2019-05-29

[21] **3,080,463**
[13] A1
[51] **Int.Cl. C23C 24/10 (2006.01) B32B 15/16 (2006.01)**
[25] EN
[54] **COMPOSITE CLADDINGS AND APPLICATIONS THEREOF**
[54] **GAINES COMPOSITES ET LEURS APPLICATIONS**
[72] MARTIN, JOHNNY, US
[72] FAUST, JAMES, US
[72] BITLER, JONATHAN, US
[72] ZHENG, QINGJUN, US
[71] KENNAMETAL INC., US
[22] 2020-04-28
[41] 2020-12-04
[30] US (16/431211) 2019-06-04
[30] US (16/441770) 2019-06-14

[21] **3,080,473**
[13] A1
[51] **Int.Cl. H02G 3/22 (2006.01)**
[25] EN
[54] **WIRE LEADING TOOL**
[54] **OUTIL DE RACCORD DE FIL**
[72] KOBAYASHI, SHUICHI, JP
[71] YANEGIJUTSUKENKYUJO CO., LTD., JP
[22] 2020-05-11
[41] 2020-12-04
[30] JP (JP2019-104240) 2019-06-04

[21] **3,080,609**
[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01) G06Q 10/06 (2012.01) E21B 43/26 (2006.01) E21B 47/10 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROCESSING PRODUCTION DATA OF REFRACTURED OIL-GAS WELL**
[54] **PROCEDE ET APPAREIL POUR TRAITER LES DONNEES DE PRODUCTION DES PUITS DE PETROLE OU DE GAZ FRACTURES**
[72] ZENG, FANHUI, CN
[72] ZHANG, YU, CN
[72] GUO, JIANCHUN, CN
[72] ZHANG, QIANG, CN
[72] REN, WENXI, CN
[71] SOUTHWEST PETROLEUM UNIVERSITY, CN
[22] 2020-05-11
[41] 2020-12-04
[30] CN (202010026834.5) 2020-01-10

[21] **3,080,662**
[13] A1
[51] **Int.Cl. B65D 5/02 (2006.01) B65D 5/64 (2006.01)**
[25] EN
[54] **QUICK CLOSE SHIPPING CONTAINER**
[54] **CONTENEUR D`EXPEDITION A FERMETURE RAPIDE**
[72] SMYTH, JEFFREY A., US
[72] LANE, JACK LAWRENCE, US
[72] PHILLIPS, JOEL GREGORY WISEHART, US
[71] INTERNATIONAL PAPER COMPANY, US
[22] 2020-05-12
[41] 2020-12-04
[30] US (16/430,521) 2019-06-04

[21] **3,080,672**
[13] A1
[51] **Int.Cl. B60P 7/02 (2006.01)**
[25] EN
[54] **TONNEAU COVER LATCH SYSTEM**
[54] **SYSTEME DE VERROU DU COUVERCLE DE TONNEAU**
[72] FACCHINELLO, JEROME, US
[72] CARTER, CHAD A., US
[72] MOSINGO, ROBERT L., US
[71] TECTUM HOLDINGS, INC., US
[22] 2020-05-13
[41] 2020-11-30
[30] US (16/428,265) 2019-05-31

[21] **3,080,789**
[13] A1
[51] **Int.Cl. B60S 5/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PERFORMING ON-BOARD SELF DIAGNOSTICS FOR A HEAVY-DUTY VEHICLE**
[54] **APPAREILS ET PROCEDE POUR EFFECTUER DES AUTODIAGNOSTICS A BORD D`UN VEHICULE ROBUSTE**
[72] ROOD, CHRIS, US
[72] HIGGS, JUAN, US
[71] SHEM, LLC, US
[22] 2020-05-13
[41] 2020-12-04
[30] US (16/431292) 2019-06-04

[21] **3,080,832**
[13] A1
[51] **Int.Cl. A01K 1/01 (2006.01) A01K 1/015 (2006.01)**
[25] EN
[54] **CATCH DRAWER LITTER BOX**
[54] **BAC DE LITIERE A TIROIR DE RAMASSAGE**
[72] AKERS, DANNY W., II, US
[72] AKERS, KELLIE C., US
[71] AKERS, DANNY W., II, US
[71] AKERS, KELLIE C., US
[22] 2020-05-13
[41] 2020-12-04
[30] US (16430626) 2019-06-04

[21] **3,080,880**
[13] A1
[51] **Int.Cl. H05B 3/02 (2006.01) H05B 3/54 (2006.01)**
[25] EN
[54] **ONE PIECE HEATER RACK, HEATER ASSEMBLY USING THE HEATER RACK, AND METHODOF USE**
[54] **BATI DE DISPOSITIF DE CHAUFFAGE MONOBLOC, ENSEMBLE DE CHAUFFAGE UTILISANT LE BATI DU DISPOSITIF DE CHAUFFAGE, ET METHODE D`UTILISATION**
[72] LOLLAR, JAMES PATRICK, US
[72] RIDLEY, DEVIN, US
[71] TUTCO, LLC, US
[22] 2020-05-19
[41] 2020-12-05
[30] US (62/857,348) 2019-06-05

[21] **3,080,901**
[13] A1
[51] **Int.Cl. F28G 15/00 (2006.01) F28G 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ONLINE CLEANING OF HEAT EXCHANGERS**
[54] **SYSTEME ET PROCEDE POUR LE NETTOYAGE EN LIGNE DES ECHANGEURS DE CHALEUR**
[72] BATEMAN, MARK KEITH, CA
[72] SMALL, STEVEN CHRISTOPHER, CA
[72] VOLPI, JUSTIN ANTHONY, CA
[71] CENOVUS ENERGY INC., CA
[22] 2020-05-19
[41] 2020-11-30
[30] US (62/855,823) 2019-05-31

[21] **3,080,909**
[13] A1
[51] **Int.Cl. B05B 1/18 (2006.01) B05B 1/12 (2006.01)**
[25] EN
[54] **SHOWERHEAD WITH INLINE ENGINE PORTING**
[54] **POMME DE DOUCHE MUNIE D`UN SUPPORT DE MOTEUR EN LIGNE**
[72] PETERSON, PRESTON, US
[71] WATER PIK, INC., US
[22] 2020-05-19
[41] 2020-11-29
[30] US (62/854,202) 2019-05-29

[21] **3,081,008**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G01G 19/62 (2006.01) G01G 19/52 (2006.01) G09F 5/00 (2006.01)**
[25] EN
[54] **AUTOMATED INVENTORY MANAGEMENT FOR A PAINT COLOR CHIP DISPLAY ASSEMBLY**
[54] **GESTION DES STOCKS AUTOMATISEE POUR UN BLOC D`AFFICHAGE D`ECLATS DE PEINTURE**
[72] GOLDSTEIN, LINDSEY, US
[72] GERMAIN, MARK, US
[71] BEHR PROCESS CORPORATION, US
[22] 2020-05-20
[41] 2020-11-30
[30] US (62/855,183) 2019-05-31
[30] US (16/875,089) 2020-05-15

[21] **3,081,183**
[13] A1
[51] **Int.Cl. H01R 13/6586 (2011.01) H01R 13/514 (2006.01)**
[25] EN
[54] **ELECTRICAL CONNECTOR AND METHOD OF ASSEMBLY**
[54] **CONNEXION ELECTRIQUE ET METHODE DE MONTAGE**
[72] SALCEDO, ALFRANCO, US
[72] LJUBIJANKIC, ZLATAN, CA
[72] MARTEN, BARBARA H., CA
[71] AMPHENOL CORPORATION, US
[22] 2020-05-22
[41] 2020-11-29
[30] US (16/425,075) 2019-05-29

[21] **3,081,212**
[13] A1
[51] **Int.Cl. B60R 22/34 (2006.01)**
[25] EN
[54] **DUAL-WEB RETRACTOR ARRANGEMENT**
[54] **DISPOSITION POUR ENROULEUR DOUBLE**
[72] JESSUP, CHRIS P., US
[71] INDIANA MILLS & MANUFACTURING, INC., US
[22] 2020-05-25
[41] 2020-11-30
[30] US (62/855048) 2019-05-31

[21] **3,081,216**
[13] A1
[51] **Int.Cl. A47C 7/40 (2006.01) A61G 5/10 (2006.01)**
[25] EN
[54] **CHAIR BACKREST ADJUSTMENT MECHANISM**
[54] **MECANISME D`AJUSTEMENT DE DOSSIER DE CHAISE**
[72] CHERNIN, ANATOLI, CA
[71] CHERNIN, ANATOLI, CA
[22] 2020-05-21
[41] 2020-12-04
[30] US (62/856,820) 2019-06-04

[21] **3,081,243**
[13] A1
[51] **Int.Cl. B23Q 41/04 (2006.01) B23P 15/00 (2006.01) E04D 1/18 (2006.01)**
[25] EN
[54] **ON DEMAND THREE DIMENSIONAL ROOF SYSTEM MANUFACTURING**
[54] **FABRICATION D`UNE TOITURE TRIDIMENSIONNELLE SUR DEMANDE**
[72] HUMPHREYS, DAVID C., US
[72] FREEBORG, CHRIS, US
[71] TAMKO BUILDING PRODUCTS, INC., US
[22] 2020-05-25
[41] 2020-11-29
[30] US (62/853,987) 2019-05-29
[30] US (16/879,539) 2020-05-20

[21] **3,081,245**
[13] A1
[51] **Int.Cl. B60H 1/32 (2006.01)**
[25] EN
[54] **AUXILIARY POWER UNIT AIR CONDITIONING FOR TRUCK CAB COOLING**
[54] **CONDITIONNEMENT D`AIR DU GROUPE AUXILIAIRE DE PUISSANCE POUR REFROIDIR LA CABINE DE CAMION**
[72] JOCHMAN, NATHAN JOE, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2020-05-25
[41] 2020-11-29
[30] US (62/854,043) 2019-05-29
[30] US (16/880,570) 2020-05-21

[21] **3,081,249**
[13] A1
[51] **Int.Cl. B23K 9/26 (2006.01) B23K 9/133 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO MONITOR THE LIFE OF A WELDING TORCH**
[54] **SYSTEMES ET PROCEDES POUR SURVEILLER LA VIE D`UN CHALUMEAU SOUDEUR**
[72] LIZOTTE, RYAN, US
[72] MA, TIEJUN, US
[72] COSSETTE, ROMEO, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2020-05-25
[41] 2020-12-03
[30] US (62/856,476) 2019-06-03
[30] US (16/878,177) 2020-05-19

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01) F04D 29/44 (2006.01)**
[25] EN
[54] **DIFFUSER PIPE WITH EXIT FLARE**
[54] **CONDUIT DIFFUSEUR AVEC POUSSEE DE SORTIE**
[72] NICHOLS, JASON, CA
[72] PERERA, RYAN JOHN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-05-20
[41] 2020-12-03
[30] US (16/429,606) 2019-06-03

[21] **3,081,258**
[13] A1
[51] **Int.Cl. B67D 1/07 (2006.01) A47F 10/06 (2006.01) A47J 31/60 (2006.01) B08B 3/02 (2006.01)**
[25] EN
[54] **METHODS OF RINSING NOZZLE FOR FROZEN FOOD PRODUCT DISPENSING MACHINE**
[54] **PROCEDES DE RINCAGE DE LA BUSE POUR DISTRIBUTEUR AUTOMATIQUE DE PRODUITS SURGELES**
[72] KOEHL, RICHARD, US
[72] WETENKAMP, KEN, US
[71] THE VOLLRATH COMPANY, L.L.C., US
[22] 2020-05-20
[41] 2020-11-30
[30] US (16/428,064) 2019-05-31

[21] **3,081,354**
[13] A1
[51] **Int.Cl. B60W 50/04 (2006.01) B60S 5/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PERFORMING ON-BOARD SELF DIAGNOSTICS FOR A HEAVY-DUTY VEHICLE**
[54] **APPAREILS ET PROCEDE POUR EFFECTUER DES AUTODIAGNOSTICS A BORD D`UN VEHICULE ROBUSTE**
[72] ROOD, CHRIS, US
[72] HIGGS, JUAN, US
[71] SHEM, LLC, US
[22] 2020-05-13
[41] 2020-12-04
[30] US (16/431292) 2019-06-04

[21] **3,081,373**
[13] A1
[51] **Int.Cl. A47K 10/38 (2006.01)**
[25] EN
[54] **WEB MATERIAL CENTER-PULL DISPENSER ASSEMBLY**
[54] **ENSEMBLE DE DISTRIBUTEURS DE MATERIAU EN BANDE A ARRACHAGE PAR LE CENTRE DU FOND**
[72] ALBRECHT, BRIAN, US
[71] SAN JAMAR, INC., US
[22] 2020-05-22
[41] 2020-11-30
[30] US (16/428,239) 2019-05-31

[21] **3,081,430**
[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) G05B 17/02 (2006.01) G06F 17/16 (2006.01)**
[25] EN
[54] **METHODS OF PATEL LOADFLOW COMPUTATION FOR ELECTRICAL POWER SYSTEM**
[54] **PROCEDES DE CALCUL DE FLUX DE CHARGE DE PATEL POUR SYSTEME D`ALIMENTATION ELECTRIQUE**
[72] PATEL, SURESHCHANDRA B., CA
[72] PATEL, SURESHCHANDRA B., CA
[71] PATEL, SURESHCHANDRA B., CA
[71] PATEL, SURESHCHANDRA B., CA
[22] 2020-05-27
[41] 2020-12-05
[30] US (16431952) 2019-06-05

[21] **3,081,438**
[13] A1
[51] **Int.Cl. B65D 30/22 (2006.01) B65D 35/10 (2006.01) B65D 37/00 (2006.01)**
[25] EN
[54] **FOOD HOLDER**
[54] **SUPPORT POUR ALIMENTS**
[72] LOMBARD, BRIDGIT, US
[72] LEWIS, MICHAEL, US
[72] FOWLKES, DAVID, US
[71] BML SOLUTIONS LLC, US
[22] 2020-05-29
[41] 2020-11-30
[30] US (62/855.417) 2019-05-31

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[13] A1
[51] **Int.Cl. E21C 35/00 (2006.01)**
[25] EN
[54] **STORAGE RACK FOR MINE TOOLS WITH ENHANCED CONNECTIVITY AND RELATED METHODS**
[54] **ETAGERE POUR OUTILS MINIERS AVEC CONNECTIVITE ACCRUE ET PROCEDES CONNEXES**
[72] HUNT, DOUGLAS S., US
[71] J.H. FLETCHER & CO., US
[22] 2020-05-29
[41] 2020-11-30
[30] US (62/855378) 2019-05-31

[21] **3,081,464**
[13] A1
[51] **Int.Cl. B65D 51/28 (2006.01)**
[25] EN
[54] **DISPENSING CAP FOR DISPENSING A SUBSTANCE IN A CONTAINER AND VIAL PROVIDED WITH SUCH DISPENSING CAP**
[54] **CAPUCHON DE DISTRIBUTION POUR DISTRIBUER UNE SUBSTANCE DANS UN CONTENEUR ET UN FLACON FOURNIS AVEC LEDIT CAPUCHON DE DISTRIBUTION**
[72] FROSIO, ANGELA, IT
[71] MONTEFARMACO OTC S.P.A., IT
[22] 2020-05-27
[41] 2020-11-30
[30] IT (102019000007782) 2019-05-31

[21] **3,081,470**
[13] A1
[51] **Int.Cl. H04B 7/212 (2006.01) H04W 56/00 (2009.01) H04B 7/155 (2006.01)**
[25] EN
[54] **MULTIPLEX TIME DIVISION DUPLEX (TDD) SYNC DETECTION MODULE**
[54] **MODULE DE DETECTION DE SYNCHRONISATION SUR UN DUPLEXAGE A REPARTITION DANS LE TEMPS (TDD) MULTIPLEX**
[72] ASHWORTH, CHRISTOPHER KEN, US
[72] ANDERSON, DALE ROBERT, US
[71] WILSON ELECTRONICS, LLC, US
[22] 2020-05-29
[41] 2020-11-29
[30] US (62/854,279) 2019-05-29
[30] US (16/885,218) 2020-05-27

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[13] A1
[51] **Int.Cl. A44C 17/00 (2006.01) G02B 5/00 (2006.01) G09F 5/00 (2006.01)**
[25] EN
[54] **IMPROVED ILLUSION PLATE FOR SETTING DIAMONDS**
[54] **PLAQUE D`ILLUSION AMELIOREE POUR REGLER DES DIAMANTS**
[72] MARCUS, STUART, US
[71] CYNERGY TRADING CORP., US
[22] 2020-05-29
[41] 2020-11-29
[30] US (62/853,857) 2019-05-29
[30] US (16/883,274) 2020-05-26

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[13] A1
[51] **Int.Cl. G06Q 50/34 (2012.01)**
[25] EN
[54] **SPONTANEOUS ECO-SYSTEM OF AFTERMARKET BROKERED WAGERS**
[54] **ECOSYSTEME SPONTANE DE PARIS PAR DES COURTIERS APRES-MARCHE**
[72] BURILLO, EDUARDO, US
[72] GROSS, JEFFREY, US
[71] HEDGEKINGS LLC, US
[22] 2020-05-29
[41] 2020-11-30
[30] US (16/428,437) 2019-05-31

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[21] **3,081,502**
[13] A1
[51] **Int.Cl. G06Q 50/34 (2012.01)**
[25] EN
[54] **SUGGESTION ENGINE FOR AFTERMARKET BROKERED WAGERS**
[54] **MOTEUR DE SUGGESTION POUR PARIS PAR DES COURTIERS APRES-MARCHE**
[72] BURILLO, EDUARDO, US
[72] GROSS, JEFFREY, US
[71] HEDGEKINGS LLC, US
[22] 2020-05-29
[41] 2020-11-30
[30] US (16/428,328) 2019-05-31

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[21] **3,081,504**
[13] A1
[51] **Int.Cl. E06B 3/70 (2006.01) E06B 3/44 (2006.01) E06B 3/78 (2006.01)**
[25] EN
[54] **EXTERIOR DOOR AND METHODS FOR FORMING EXTERIOR DOORS**
[54] **PORTES EXTERIEURES ET PROCEDES POUR FORMER DES PORTES EXTERIEURES**
[72] OSTROVIAK, TY, US
[72] OTTO, JESSIE M., US
[71] MASTER DOOR, LLC DBA GREAT NORTHERN DOOR COMPANY, US
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[54] **SYSTEMS AND METHODS FOR INDOOR WAYFINDING WITHIN A FACILITY**
[54] **SYSTEMES ET PROCEDES POUR ORIENTATION A L`INTERIEUR D`UNE INSTALLATION**
[72] MAIOLO, CHRISTINE, CA
[72] BERNHARDT, PAUL, CA
[72] SHERRATT, CORALINE, CA
[71] MAPPEDIN INC., CA
[22] 2020-05-29
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[54] **DRAIN PAN EXTENSION**
[54] **EXTENSION DU BAC DE RECUPERATION**
[72] BAUER, JOHN, US
[72] DENLEY, MICHAEL, US
[71] ADVANCED DISTRIBUTOR PRODUCTS LLC, US
[22] 2020-05-29
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[25] EN
[54] **WHEEL HUB BEARING EXTRACTION TOOL**
[54] **OUTIL D`EXTRACTION DE ROULEMENT DE MOYEU**
[72] DEL ROSSA, JEFFREY, US
[71] DEL ROSSA, JEFFREY, US
[22] 2020-05-28
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[25] EN
[54] **METHODS AND SYSTEMS FOR MINIMIZING NOX AND CO EMISSIONS IN NATURAL DRAFT HEATERS**
[54] **PROCEDES ET SYSTEMES POUR MINIMISER LES EMISSIONS DE SO2 ET DE CO DANS LES RECHAUFFEURS DE TIRAGE NATUREL**
[72] CRAIG, JON, US
[72] LI, BRUCE, US
[72] PASI, RICK, US
[71] MARATHON PETROLEUM COMPANY LP, US
[22] 2020-05-29
[41] 2020-11-30
[30] US (62/854.372) 2019-05-30
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[54] **COMFORT TOILET SEAT**
[54] **SIEGE DE TOILETTE CONFORTABLE**
[72] HAND, JOSEPH M., US
[72] HENNE, BRIAN A., US
[72] LEMAHIEU, BRIAN, US
[72] SPATZ, ROY, US
[71] BEMIS MANUFACTURING COMPANY, US
[22] 2020-05-27
[41] 2020-11-30
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[25] EN
[54] **RESILIENT MATRIX SUSPENSION FOR FRANGIBLE COMPONENTS**
[54] **SUSPENSION MATRICIELLE RESILIENTE POUR COMPOSANTES DESTRUCTIBLES**
[72] GRAHAM, ROBERT MATTHEW, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2020-05-26
[41] 2020-11-30
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[25] EN
[54] **WELDING TORCH AND WIRE FEEDER THAT USE ELECTRODE WIRE FOR VOLTAGE SENSING**
[54] **CHALUMEAU SOUDEUR ET DISPOSITIF D`ALIMENTATION DE FIL QUI UTILISE UN FIL D`ELECTRODE POUR DETECTER LA TENSION**
[72] MA, TIEJUN, US
[72] COSSETTE, ROMEO, US
[72] HUTCHISON, RICHARD MARTIN, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2020-05-26
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[25] EN
[54] **TEMPERATURE MANAGEMENT SYSTEMS AND METHODS FOR ELECTRIC VEHICLE**
[54] **SYSTEMES DE GESTION DE LA TEMPERATURE ET PROCEDES POUR VEHICULES ELECTRIQUES**
[72] HARPER, JAMES, US
[72] MYERS, KEVIN, US
[72] LAI, DAVID, US
[71] PROTERRA INC., US
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[41] 2020-12-03
[30] US (16/429,222) 2019-06-03

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[51] **Int.Cl. E06C 7/06 (2006.01) E06C 7/18 (2006.01)**
[25] EN
[54] **LADDER STABILIZING ACCESSORY**
[54] **ACCESSOIRE DE STABILISATION D`ECHELLE**
[72] PERREAULT, PATRICK, CA
[71] PERREAULT, PATRICK, CA
[22] 2020-05-30
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[30] GB (1907816.1) 2019-05-31

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[25] EN
[54] **CABLE LIFT WITH PIVOTING PASSENGER UNIT**
[54] **CABLE DE LEVAGE AVEC UNITE DE PASSAGER PIVOTANTE**
[72] RUDNICKI, BRAD, CA
[71] RUDNICKI, BRAD, CA
[22] 2020-05-28
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[25] EN
[54] **NO PIN COMPLIANT JOURNAL BEARING SHAFT FOR ONE PART CARRIER**
[54] **ARBRE DE PALIER LISSE SANS BROCHE SOUPLE POUR UN SUPPORT D`UNE PIECE**
[72] SIMARD-BERGERON, JULIEN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-05-28
[41] 2020-11-30
[30] US (16/426,415) 2019-05-30

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[25] EN
[54] **INTEGRATED FRACKING SYSTEM**
[54] **SYSTEME DE FRACTIONNEMENT INTEGRE**
[72] SHARP, BRIAN, US
[72] JOOST, CHAD, US
[72] HARVELL, CHRIS, US
[72] SMITH, PAUL, US
[71] STEWART & STEVENSON MANUFACTURING TECHNOLOGIES, LLC, US
[22] 2020-05-28
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[30] US (62/855634) 2019-05-31

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[25] EN
[54] **HIGH OUTPUT CURRENT TRANSCONDUCTANCE AMPLIFIER**
[54] **AMPLIFICATEUR DE TRANSCONDUCTANCE DE COURANT DE SORTIE ELEVE**
[72] SAAVEDRA, CARLOS, CA
[72] COSTA, ARTHUR LIRANETO TORRES, BR
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[22] 2020-06-02
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[25] EN
[54] **COMPOSITION FOR SKIN ANTI-INFLAMMATION AND SKIN MOISTURIZING COMPRISING ARTEMISIA EXTRACT EXTRACTED WITH SKIN COSMETIC SOLUTION AS A SOLVENT**
[54] **COMPOSITION ANTI-INFLAMMATOIRE ET APAISANT DE LA PEAU COMPRENANT DES EXTRAITS D`ARTEMISIA PRELEVES AVEC UNE SOLUTION COSMETIQUE DE LA PEAU COMME SOLVANT**
[72] HWANG, JOONYOUNG, KR
[72] PAIK, BYUNGRYOL, KR
[72] SHIM, JINSUP, KR
[72] LEE, EUN SOO, KR
[71] AMOREPACIFIC CORPORATION, KR
[22] 2020-05-28
[41] 2020-11-30
[30] KR (10-2019-0063802) 2019-05-30

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[51] **Int.Cl. A01K 15/04 (2006.01) A01K 27/00 (2006.01)**
[25] EN
[54] **RELEASABLE SECURING ARRANGEMENT FOR SECURING A MOVEABLE OBJECT**
[54] **SYSTEME DE FIXATION DECLENCHABLE POUR FIXER UN OBJET MOBILE**
[72] LUNDGREN, RACHEL, SE
[71] EQUIMADE AB, SE
[22] 2020-05-28
[41] 2020-11-29
[30] SE (1950638-5) 2019-05-29

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[51] **Int.Cl. B63B 23/00 (2006.01) B63B 27/14 (2006.01) B63C 3/00 (2006.01)**
[25] EN
[54] **WATERCRAFT BOARDING MECHANISM AND METHOD OF USE THEREOF**
[54] **MECANISME D`EMBARQUEMENT D`EMBARCATION ET METHODE D`UTILISATION CONNEXE**
[72] GOUPIL, FRANCOIS, CA
[71] 9365-1461 QUEBEC INC., CA
[22] 2020-06-01
[41] 2020-12-05
[30] US (62/857,336) 2019-06-05

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[25] EN
[54] **LIVESTOCK HANDLING APPARATUS**
[54] **APPAREIL DE MANUTENTION DE BETAIL**
[72] HICKS, DAVID JAMES, AU
[72] HICKS, GERALD JAMES, AU
[71] HICKS, DAVID JAMES, AU
[22] 2020-05-29
[41] 2020-12-03
[30] AU (2019901896) 2019-06-03

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[25] EN
[54] **LOGISTICS SUPPORT AIRCRAFT HAVING A MINIMAL DRAG CONFIGURATION**
[54] **AERONEF DE SOUTIEN LOGISTIQUE AYANT UNE CONFIGURATION DE TRAINEE MINIMALE**
[72] MCCULLOUGH, JOHN RICHARD, US
[72] OLDROYD, PAUL K., US
[72] ISBELL, GLENN EDWARD, US
[72] HILL, MATTHEW JOHN, US
[71] BELL TEXTRON INC., US
[22] 2020-05-29
[41] 2020-11-30
[30] US (16/427,311) 2019-05-30

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[51] **Int.Cl. G08B 13/08 (2006.01) H04W 4/02 (2018.01) G08B 3/10 (2006.01) G08B 25/10 (2006.01)**
[25] EN
[54] **ALARM SYSTEM CONTAINED IN AN ENCLOSURE**
[54] **SYSTEME D`ALARME CONTENU DANS UNE ENCEINTE**
[72] RAMOS, DANIEL, CA
[72] ST-JEAN, DAVID, CA
[71] DSD TECHNOLOGIE INC., CA
[22] 2020-06-02
[41] 2020-12-04
[30] US (62/856,839) 2019-06-04

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[51] **Int.Cl. E03D 11/00 (2006.01) E03D 11/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RV/MARINE TOILET BOWL SEAL CONDITIONING AND ODOR CONTROL**
[54] **PROCEDE ET APPAREIL POUR ASSAINISSEUR D`AIR ET CONTROLE DES ODEURS AVEC UN JOINT D`ETANCHEITE AUX BOLS DE TOILETTE DE VR ET D`EMBARCATIONS**
[72] ROMITI, SCOTT, US
[71] ROMITI, SCOTT, US
[22] 2020-05-29
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[25] EN
[54] **UNITIZED MEASURING ELEMENT FOR WATER METER ASSEMBLY**
[54] **CHAMBRE DE MESURE UNIFIEE POUR ENSEMBLE COMPTEUR D`EAU**
[72] SCARBOROUGH, JOHN R., III, US
[72] GARTH, J. DAVIS, US
[71] NEPTUNE TECHNOLOGY GROUP INC., US
[22] 2020-06-03
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[25] EN
[54] **SYSTEM AND METHOD FOR CONSTRUCTING A RAILING**
[54] **SYSTEME ET PROCEDE DE CONSTRUCTION D`UNE RAMPE**
[72] MOLINA, JESUS, US
[71] AMERICAN FENCE SYSTEM, INC., US
[22] 2020-05-29
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[51] **Int.Cl. B64C 1/18 (2006.01) E04F 15/10 (2006.01) H05F 3/00 (2006.01)**
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[54] **FLOORING ARRANGEMENT FOR AN AIRCRAFT**
[54] **DISPOSITION DE SOL POUR UN AERONEF**
[72] MOUPFOUMA, FIDELE, CA
[72] LAVOIE, CLAUDE, CA
[72] ELSHARKAWI, MOHAMED HASSAN, CA
[71] BOMBARDIER INC., CA
[22] 2020-06-03
[41] 2020-12-04
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[51] **Int.Cl. G06Q 20/14 (2012.01) G06Q 20/08 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR IMPLEMENTING AN ELECTRONIC EXCHANGE FOR BILL PAY AND OTHER TRANSACTIONS VIA AN INTERBANK INFORMATION NETWORK (IIN)**
[54] **PROCEDE ET SYSTEME POUR METTRE EN OEUVRE UN ECHANGE ELECTRONIQUE POUR PAYER LES FACTURES ET EFFECTUER D`AUTRES TRANSACTIONS AU MOYEN D`UN RESEAU D`INFORMATION ENTRE BANQUES**
[72] HOFFMAN, STEPHEN, US
[72] RADONCIC, SEJDO, US
[72] WAN, TIFFANY ASHLEY, US
[72] LESLIE, AMY M., US
[72] BILOZ, JOHN L., US
[72] SINGH, RAGHVENDRA, US
[71] JPMORGAN CHASE BANK, N.A., US
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[54] **GROOVED DRIVE FOR RATCHET TOOLS**
[54] **ENTRAINEMENT A GORGES POUR OUTILS A ROCHET**
[72] ROSS, DAVID T., US
[71] SNAP-ON INCORPORATED, US
[22] 2020-06-04
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[51] **Int.Cl. B01D 3/10 (2006.01) A23L 33/105 (2016.01)**
[25] EN
[54] **METHODS OF EXTRACTING MATERIALS FROM PLANT MATERIAL**
[54] **PROCEDES D`EXTRACTION DE SUBSTANCES D`UN MATERIAU VEGETAL**
[72] LI, PING, CN
[72] LI, PING, CN
[72] PIAO, QIANHUA, CN
[72] CHEN, XIAO LAI, CA
[71] LI, PING, CN
[71] LI, PING, CN
[71] PIAO, QIANHUA, CN
[71] CHEN, XIAO LAI, CA
[22] 2020-06-03
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[51] **Int.Cl. B66F 5/04 (2006.01) B66F 3/25 (2006.01)**
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[54] **TRUNNION BLOCK ASSEMBLY**
[54] **ENSEMBLE BLOC DE TOURILLON**
[72] SCHULZ, BENJAMIN T., US
[72] ANDERSEN, JONATHAN I., US
[72] RETTLER, JAMES T., US
[71] SNAP-ON INCORPORATED, US
[22] 2020-06-02
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[51] **Int.Cl. B23D 47/02 (2006.01)**
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[54] **TABLE SAW WITH FENCE ALIGNMENT SYSTEM AND METHODS**
[54] **SCIE CIRCULAIRE A TABLE AVEC SYSTEME ET PROCEDES D`ALIGNEMENT DE GUIDE**
[72] DUTTERER, DAVID E., US
[71] TECHTRONIC CORDLESS GP, US
[22] 2020-05-29
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[25] EN
[54] **MACHINE HAVING A LIQUID LUBRICATION SYSTEM AND A SHAFT**
[54] **MACHINE MUNIE D`UN CIRCUIT DE LUBRIFICATION LIQUIDE ET D`UN ARBRE**
[72] TOMESCU, DANA, CA
[72] ALECU, DANIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-05-28
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[25] EN
[54] **SYNCHRONIZED INTERACTIVE VOICE RESPONSE SYSTEM AND GRAPHICAL USER INTERFACE FOR AUTOMATED ROADSIDE SERVICE**
[54] **SYSTEME DE REPONSE VOCALE INTERACTIF SYNCHRONISE ET INTERFACE UTILISATEUR GRAPHIQUE POUR SERVICE D`ASSISTANCE ROUTIERE AUTOMATISE**
[72] TURNBULL, PAUL R., US
[72] BANKS, ANTHONY, US
[72] SINGH, BRINDERJIT, US
[71] ALLSTATE INSURANCE COMPANY, US
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[54] **HIGH ENDURANCE MOBILE UNMANNED AERIAL VECHICLE SYSTEM**
[54] **SYSTEME DE VEHICULE AERIEN SANS INTERVENTION HUMAINE MOBILE A ENDURANCE ELEVEE**
[72] MCROBERTS, MATTHEW, CA
[72] STRATTON, ROBERT P., CA
[71] PEGASUS AERONAUTICS CORPORATION, CA
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[54] **VINYL AND MESH GUTTER COVER**
[54] **COUVERCLE DE GOUTTIERE DE VINYLE ET DE FILET DE MAILLES**
[72] IANNELLI, ANTHONY M., US
[71] IANNELLI, ANTHONY M., US
[22] 2020-05-29
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[30] US (62/854646) 2019-05-30

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[25] EN
[54] **COMPOSITIONS COMPRISING QUILLAJA EXTRACT AND METHODS OF PREPARATIONS AND USE THEREOF**
[54] **COMPOSITIONS COMPRENANT DE L`EXTRAIT DE QUILLAJA ET PROCEDES DE PREPARATION ET LEUR UTILISATION**
[72] TAN, BARRIE, US
[72] LAW, PETER JAMES, US
[72] QI, WEIPENG, US
[71] AMERICAN RIVER NUTRITION, LLC, US
[22] 2020-05-29
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[30] US (62/855,861) 2019-05-31

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[54] **PROJECTING FENESTRATION ASSEMBLY AND METHODS FOR SAME**
[54] **ENSEMBLE DE FENETRAGE PROJETANT ET SES PROCEDES**
[72] SALENTINE, ERIC LEE, US
[72] MAGNUSEN, JUSTIN WAYNE, US
[72] NELSEN, MICHAEL T., US
[71] MARVIN LUMBER AND CEDAR CO., LLC, US
[22] 2020-06-04
[41] 2020-12-04
[30] US (62/857,181) 2019-06-04

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[51] **Int.Cl. G06F 40/20 (2020.01) G06F 40/194 (2020.01) G06F 40/279 (2020.01)**
[25] EN
[54] **DATA MANAGEMENT SYSTEM FOR USE WITH AGREEMENTS AND DATA DETAILNG CONCEPTS, DESIGNS, AND IDEAS**
[54] **SYSTEME DE GESTION DE DONNEES POUR UTILISER DES ACCORDS ET DES DONNEES DETAILLANT DES CONCEPTS, DES CONCEPTIONS ET DES IDEES**
[72] RAFFOUL, NATALIE ANNE KELEHER, CA
[71] RAFFOUL, NATALIE ANNE KELEHER, CA
[22] 2020-06-05
[41] 2020-12-05
[30] US (62/857,724) 2019-06-05

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[13] A1
[51] **Int.Cl. F15B 1/02 (2006.01) F15B 1/027 (2006.01)**
[25] EN
[54] **HYDRAULIC POWERING SYSTEM AND METHOD OF OPERATING A HYDRAULIC POWERING SYSTEM**
[54] **SYSTEME D`ALIMENTATION HYDRAULIQUE ET SON PROCEDE DE FONCTIONNEMENT**
[72] GABOR, JEREMY J., US
[71] INDUSTRIES MAILHOT INC., CA
[22] 2020-06-04
[41] 2020-12-04
[30] US (62/857,071) 2019-06-04

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[25] EN
[54] **POWER AMPLIFIER (PA)-FILTER OUTPUT POWER TUNING**
[54] **MISE AU POINT DE PUISSANCE DE SORTIE DE FILTRE D`AMPLIFICATEUR DE PUISSANCE (PA)**
[72] ASHWORTH, CHRISTOPHER KEN, US
[72] COOK, PATRICK LEE, US
[72] ANDERSON, DALE ROBERT, US
[71] WILSON ELECTRONICS, LLC, US
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[25] EN
[54] **AUTOMOBILE PURCHASE METHOD**
[54] **PROCEDE D`ACHAT D`UNE AUTOMOBILE**
[72] KENNEDY, PAUL, CA
[71] KENNEDY, PAUL, CA
[22] 2020-06-05
[41] 2020-12-01
[30] US (62853646) 2019-05-28

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[54] **MAGNET AND MAGNET HOLDER**
[54] **AIMANT ET SUPPORT D`AIMANT**
[72] BOOS, JONATHAN B., US
[71] WURKIN STIFFS PATENT HOLDING, LLC, US
[22] 2020-06-05
[41] 2020-12-05
[30] US (62/857580) 2019-06-05
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[54] **WINDOW/SHUTTER/DOOR FOR OUTDOOR SETTINGS**
[54] **FENETRE/VOLET/PORTE POUR INSTALLATIONS EXTERIEURES**
[72] TENZON, FRANCO, IT
[71] UNIFORM S.P.A., IT
[22] 2020-06-01
[41] 2020-12-03
[30] IT (102019000007914) 2019-06-03

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[25] EN
[54] **A CRYOSYSTEM COMPRISING NANOPARTICLES FOR TREATING A BODY PART OF AN INDIVIDUAL BY CRYOTHERAPY**
[54] **SYSTEME CRYOGENIQUE COMPRENANT DES NANOPARTICULES POUR TRAITER UNE PARTIE DU CORPS D`UN INDIVIDU PAR CRYOTHERAPIE**
[72] ALPHANDERY, EDOUARD, FR
[72] LI-SOULISSE, SHA, FR
[71] NANOBACTERIE, FR
[22] 2020-05-29
[41] 2020-12-03
[30] EP (19020359.6) 2019-06-03
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[25] EN
[54] **AIRCRAFT POWER PLANT**
[54] **GROUPES MOTOPROPULSEURS D`AERONEF**
[72] DIONNE, LUC, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-06-02
[41] 2020-12-05
[30] US (16/432,118) 2019-06-05

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[25] EN
[54] **HYBRID CABLE/RAIL TRANSPORTATION SYSTEM**
[54] **SYSTEME DE TRANSPORT PAR RAIL/CABLE HYBRIDE**
[72] ERHARTER, NIKOLAUS, IT
[72] WIESER, HARTMUT, IT
[71] LEITNER S.P.A., IT
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[54] **DIVERTER DOWNHOLE TOOL AND ASSOCIATED METHODS**
[54] **OUTIL DE FOND DEFLECTEUR ET PROCEDES ASSOCIES**
[72] DUBUC, DEREK, CA
[72] JONES, KELLY, CA
[71] SELECT ENERGY SYSTEMS INC., CA
[22] 2020-06-01
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[54] **CONTROL OF ENERGY STORAGE TO REDUCE ELECTRIC POWER SYSTEM OFF-NOMINAL FREQUENCY DEVIATIONS**
[54] **CONTROLE DE STOCKAGE D`ENERGIE POUR REDUIRE LES DEVIATIONS DE FREQUENCES HORS CONDITION NOMINALE DU BLOC D`ALIMENTATION ELECTRIQUE**
[72] VARTANIAN, CHARLES K., US
[72] HSIEH, ERIC, US
[72] ALAM, JAN E., US
[71] BATTELLE MEMORIAL INSTITUTE, US
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[54] **AUXETIC-STRUCTURES-BASED SOFT GRIPPERS FOR GRIPPING SURFACES WITH MULTIPLE CURVATURES**
[54] **PREHENSEURS SOUPLES BASES SUR DES STRUCTURES AUXETIQUES POUR LA PREHENSION DE SURFACES AVEC PLUSIEURS COURBURES**
[72] SIMHA, HARI, CA
[72] BIGLARBEGIAN, MOHAMMAD, CA
[72] DARCEL, ELLIOTT, CA
[72] DAVEY, BENJAMIN, CA
[72] SICARD, BRETT, CA
[72] WEAVER, SPENCER, CA
[71] UNIVERSITY OF GUELPH, CA
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[30] US (62/855637) 2019-05-31

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[54] **DOCK LIGHT APPARATUS**
[54] **APPAREIL D`ECLAIRAGE DE QUAI**
[72] MACKIN, MICHAEL P., US
[71] TRI LITE, INC., US
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[25] EN
[54] **AIRCRAFT POWER PLANT**
[54] **GROUPES MOTOPROPULSEURS D`AERONEF**
[72] DIONNE, LUC, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[54] **TRAILER STABILIZERS**
[54] **STABILISATEURS DE REMORQUE**
[72] KIMENER, ROBERT P., US
[72] KIMENER, THOMAS T., US
[71] STABILOCK LLC, US
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[51] **Int.Cl. G06F 40/20 (2020.01) G16H 10/60 (2018.01) G06N 20/00 (2019.01) G06F 40/279 (2020.01)**
[25] EN
[54] **SYSTEM AND METHOD OF USING MACHINE LEARNING FOR EXTRACTION OF SYMPTOMS FROM ELECTRONIC HEALTH RECORDS**
[54] **SYSTEME ET PROCEDE D`UTILISATION DE L`APPRENTISSAGE AUTOMATIQUE POUR EXTRAIRE DES SYMPTOMES DES DOSSIERS DE SANTE ELECTRONIQUES**
[72] LINDVALL, CHARLOTTA, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[22] 2020-06-03
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[54] **HINGED TOY LAUNCHER WITH MIRRORED SCOPE**
[54] **LANCEUR JOUET ARTICULE DOTE D`UNE LUNETTE A MIROIR**
[72] CHIA, FRANCIS SEE CHONG, CN
[72] HUEBL, STEVEN J., US
[71] EASEBON SERVICES LIMITED, CN
[22] 2020-06-03
[41] 2020-12-04
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[54] **ATTACHMENT SYSTEM**
[54] **SYSTEME DE FIXATION**
[72] ARVAG, IVER, SE
[71] ARVAG, IVER, SE
[22] 2020-06-04
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[54] **THEFT-RESISTANT DEPOSIT BOX**
[54] **BOITE DE DEPOT ANTIVOL**
[72] BOLLES, DAVID J., US
[71] BOLLES, DAVID J., US
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[54] **PACKAGING TRAY WITH A PROFILED SEALING EDGE**
[54] **PLATEAU D`EMBALLAGE AVEC UN BORD ETANCHE PROFILE**
[72] DERKS, RENE, NL
[71] SILVER PLASTICS GMBH & CO. KG, DE
[22] 2020-07-17
[41] 2020-12-04
[30] EP (19178257.2) 2019-06-04

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[54] **COATING COMPOSITION AND COATED SUBSTRATE**
[54] **COMPOSITION DU REVETEMENT ET SUBSTRAT REVETU**
[72] WINTERBOTTOM, GAIL D., US
[72] CHAVANNAVAR, ADITI, US
[72] O'BOYLE, SARAH KAY, US
[72] SANTOS-VERBICK, MONICA, US
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[41] 2020-11-30
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[51] **Int.Cl. G06Q 20/24 (2012.01) G16H 40/00 (2018.01)**
[25] EN
[54] **RESTRICTED-ACCESS AND/OR DATA CHIP DEVICE FOR HEALTHCARE**
[54] **APPAREIL A ACCES RESTREINT ET/OU A PUCE DE DONNEES POUR LES SOINS DE SANTE**
[72] BLANKINSHIP, JEFFERY CHRISTIAN, US
[72] CLAMPITT, PAUL EDWARDS, US
[71] HEALTHCARE PAYCARD, LLC, US
[22] 2020-07-30
[41] 2020-11-30
[30] US (62/857,990) 2019-06-06
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[25] EN
[54] **CANOLA INBRED CL6109085R**
[54] **CANOLA AUTOGAME CL6109085R**
[72] SHAW, ERIC, US
[71] AGRIGENETICS, INC., US
[22] 2020-10-05
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[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 6/20 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **CANOLA VARIETY 18GG0454L**
[54] **VARIETE DE CANOLA 18GG0454L**
[72] MCCLINCHEY, SCOTT, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2020-10-05
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[25] EN
[54] **CANOLA VARIETY 18GG2664I**
[54] **VARIETE DE CANOLA 18GG2664I**
[72] FALAK, IGOR, US
[72] KOSCIELNY, CHADWICK BRUCE, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[41] 2020-12-05
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[54] **CANOLA VARIETY 17GN0586R**
[54] **VARIETE DE CANOLA 17GN0586R**
[72] FALAK, IGOR, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[25] EN
[54] **HEATING CONTROL METHOD, DEVICE AND ICE MAKER**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE DE CHAUFFAGE ET MACHINE A GLACONS**
[72] ZHANG, JINGYU, CN
[72] LI, YU, CN
[72] WEI, DEMING, CN
[71] HEFEI MIDEA REFRIGERATOR CO., LTD., CN
[71] HEFEI HUALING CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
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[51] **Int.Cl. A47L 13/16 (2006.01) A47L 13/20 (2006.01) B32B 5/02 (2006.01)**
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[54] **METHOD OF MAKING A CLEANING ARTICLE HAVING CUTOUTS**
[54] **PROCEDE DE FABRICATION D'UN ARTICLE DE NETTOYAGE PRESENTANT DES DECOUPES**
[72] POLICICCHIO, NICOLA JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2020-01-29
[86] 2018-09-10 (PCT/US2018/050192)
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[54] **MULTI-SECTION HEAT-NOT-BURN PRODUCT HAVING HEMP COMPONENTS AND PREPARATION METHOD THEREOF**
[54] **PRODUIT DE CHAUFFAGE SANS COMBUSTION A PLUSIEURS SECTIONS AYANT DES COMPOSANTS DE CHANVRE ET SON PRODUIT DE PREPARATION**
[72] CAO, YINGHUI, CN
[72] WANG, SONGFENG, CN
[72] ZHANG, YONG, CN
[71] YUNNAN XIKE SCIENCE & TECHNOLOGY CO., LTD, CN
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[51] **Int.Cl. B23C 3/32 (2006.01) B23B 41/12 (2006.01) C23C 4/02 (2006.01) G01B 11/30 (2006.01)**
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[54] **METHOD AND ARRANGEMENT FOR MACHINING A WORKPIECE**
[54] **PROCEDE ET ENSEMBLE D'USINAGE D'UNE PIECE**
[72] ULLRICH, WOLFGANG, DE
[72] PEHNELT, SEBASTIAN, DE
[71] STURM MASCHINEN- & ANLAGENBAU GMBH, DE
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[54] **LOW GLASS TRANSITION TEMPERATURE POLYMER LATEX DRAG REDUCING AGENT**
[54] **AGENT DE REDUCTION DE TRAINEE DE LATEX POLYMERE A BASSE TEMPERATURE DE TRANSITION VITREUSE**
[72] MILLIGAN, STUART N., US
[71] LIQUIDPOWER SPECIALTY PRODUCTS INC., US
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[54] **METHOD AND COMPOSITIONS FOR TREATING CORONAVIRUS INFECTION**
[54] **PROCEDE ET COMPOSITIONS POUR TRAITER L`INFECTION AU CORONAVIRUS**
[72] NEWMAN, ROBERT A., US
[72] ADDINGTON, OTIS C., US
[72] OBISO, RICHARD, US
[71] PHOENIX BIOTECHNOLOGY, INC., US
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[87] (3091376)
[30] US (63/002,735) 2020-03-31
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[54] **HYDRAULIC ASSEMBLY DEVICE, SYSTEM, AND METHOD**
[54]
[72] PENDLETON, GARY, GB
[72] STRATULATE, GARY WARREN, US
[71] GARTECH, LLC, US
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[25] EN
[54] **TOPICAL COPPER TRIPEPTIDE COMPOSITION AND PROCESS OF PREPARATION**
[54] **COMPOSITION DE TRIPEPTIDE DE CUIVRE TOPIQUE ET SON PROCEDE DE PREPARATION**
[72] SANGHAVI, AKSHAY, IN
[72] SINGH, KAVITA, IN
[72] SHRIVASTAVA, AGNIVESH, IN
[71] SANGHAVI, AKSHAY, IN
[85] 2020-08-27
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[25] EN
[54] **APPARATUS FOR STORING SCREWS AND GUIDING SCREWS DURING INSERTION**
[54] **APPAREIL POUR STOCKER DES VIS ET LES GUIDER PENDANT LEUR INSERTION**
[72] COHEN, AHARON, IL
[71] VEZACHARTA GYPSUM SPIDER LTD, IL
[85] 2020-09-01
[86] 2018-02-26 (PCT/IL2018/050215)
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[25] EN
[54] **SQUARIC ACID-BASED POLYMERS, THEIR MANUFACTURING PROCESSES AND THEIR USES**
[54] **POLYMERES A BASE D'ACIDE SQUARIQUE, LEURS PROCEDES DE FABRICATION ET LEURS UTILISATIONS**
[72] DAIGLE, JEAN-CHRISTOPHE, CA
[72] LAFLEUR-LAMBERT, ANTOINE, CA
[72] ROCHON, SYLVIANE, CA
[72] ASAKAWA, YUICHIRO, JP
[72] MALLET, CHARLOTTE, CA
[72] ZAGHIB, KARIM, CA
[71] HYDRO QUEBEC, CA
[71] MURATA MANUFACTURING CO., LTD., JP
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[25] EN
[54] **HEATING DEVICE AND METHOD FOR REGULATING A FAN-OPERATED GAS BURNER**
[54] **DISPOSITIF CHAUFFANT ET PROCEDE DESTINE A REGLER UN BRULEUR A GAZ FONCTIONNANT PAR SOUFFLERIE**
[72] HOFLINGER, ULRICH, DE
[72] LAUX, WILHELM, DE
[71] TRUMA GERATETECHNIK GMBH & CO. KG, DE
[85] 2020-09-30
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[54] **PLANTARICIN NC8.ALPHA..BETA. MARKEDLY ENHANCES THE EFFECTS OF ANTIBIOTICS**
[54] **PLANTARICINE NC8ALPHABETA POUR AMELIORER DE MANIERE MARQUEE LES EFFETS DES ANTIBIOTIQUES**
[72] BENGTSSON, TORBJORN, SE
[72] KHALAF, HAZEM, SE
[71] BENGTSSON, TORBJORN, SE
[71] KHALAF, HAZEM, SE
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[54] **APPARATUS AND METHOD TO DETERMINE ERYTHROCYTE SEDIMENTATION RATE AND OTHER CONNECTED PARAMETERS**
[54] **APPAREIL ET PROCEDE PERMETTANT DE DETERMINER LA VITESSE DE SEDIMENTATION DES ERYTHROCYTES ET D'AUTRES PARAMETRES LIES**
[72] GALIANO, PAOLO, IT
[71] ALIFAX S.R.L., IT
[85] 2020-10-09
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[54] **MICRORNA-BASED COMPOSITIONS AND METHODS USED IN DISEASE TREATMENT**
[54] **COMPOSITIONS A BASE DE MICROARN ET PROCEDES UTILISES DANS LE TRAITEMENT DE MALADIES**
[72] ILKOW, CAROLINA SOLANGE, CA
[72] BELL, JOHN C., CA
[72] MAHER, VICTORIA ANN, GB
[72] SAMSON, BRIANA LIVIA ROLLANDE, CA
[71] OTTAWA HOSPITAL RESEARCH INSTITUTE, CA
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[25] EN
[54] **SYSTEM FOR MANAGING CLINICAL DATA**
[54] **SYSTEME DE GESTION DE DONNEES CLINIQUES**
[72] WILLIAMS, MATTHEW MARLON, AU
[72] KARANTONIS, DEAN MICHAEL, AU
[72] GUELTON, IVAN, AU
[72] GORMAN, ROBERT BRUCE, AU
[71] SALUDA MEDICAL PTY LTD, AU
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[54] **HERBICIDE FORMULATION**
[54] **FORMULATION HERBICIDE**
[72] GLOWKA, GEORGE, AU
[71] ADAMA AUSTRALIA PTY LTD, AU
[85] 2020-09-14
[86] 2019-03-12 (PCT/AU2019/000036)
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[25] EN
[54] **VAPE DEVICES, INCLUDING CARTRIDGES, TABLETS, SENSORS, AND CONTROLS FOR VAPE DEVICES, AND METHODS FOR MAKING AND USING THE SAME**
[54] **DISPOSITIFS DE VAPOTAGE, COMPRENANT DES CARTOUCHES, DES COMPRIMES, DES CAPTEURS ET DES COMMANDES POUR DES DISPOSITIFS DE VAPOTAGE, ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] POPPLEWELL, PETER, CA
[72] STEWART, ANDREW, CA
[72] PENNEY, STEVEN, CA
[72] JONES, MARK, CA
[72] WEAVER, PAUL, CA
[72] DAVIS, STEPHEN, CA
[72] VERMETTE, YAN, CA
[72] WONG, MICHAEL, CA
[72] GEILING, BEN, CA
[72] PICCOLI, JOHN, CA
[72] SHIPLEY, TOM, CA
[71] CANOPY GROWTH CORPORATION, CA
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[30] US (62/696,930) 2018-07-12
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[54] **RECOMBINANT THERAPEUTIC INTERVENTIONS FOR CANCER**
[54] **INTERVENTIONS THERAPEUTIQUES RECOMBINANTES POUR LE CANCER**
[72] BISHAI, WILLIAM R., US
[72] BIVALACQUA, TRINITY J., US
[72] SINGH, ALOK, US
[72] PRAHARAJ, MONALI, US
[72] YOSHIDA, TAKAHIRO, US
[72] PRASAD, PANKAJ, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
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[54] **COMBINED HEAT AND POWER SYSTEM**
[54] **SYSTEME DE PRODUCTION COMBINEE DE CHALEUR ET D'ELECTRICITE**
[72] JONES, SIMON LLOYD, GB
[71] HIETA TECHNOLOGIES LIMITED, GB
[85] 2020-10-21
[86] 2019-02-12 (PCT/GB2019/050371)
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[25] EN
[54] **SHOVEL HANDLE CONNECTING DEVICE**
[54] **DISPOSITIF POUR RELIER UN MANCHE DE PELLE**
[72] HUA, JIE, CN
[72] HUA, SHIMIN, CN
[71] CIXI HUAJIE PLASTIC PRODUCT CO., LTD., CN
[85] 2020-11-02
[86] 2019-07-24 (PCT/CN2019/097462)
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[54] **MODULATORS OF METHYL MODIFYING ENZYMES, COMPOSITIONS AND USES THEREOF**
[54] **MODULATEURS D'ENZYMES DE MODIFICATION DE METHYLE, COMPOSITIONS ET UTILISATIONS DE CEUX-CI**
[72] COTE, ALEXANDRE, US
[72] GEHLING, VICTOR S., US
[72] KHANNA, AVINASH, US
[72] MOINE, LUDIVINE, US
[72] STUCKEY, JACOB I., US
[71] CONSTELLATION PHARMACEUTICALS, INC., US
[85] 2020-10-07
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[54] **BOREHOLE FALLBACK SAND CATCHER**
[54] **RECUPERATEUR DE SABLE DE RETOMBEE DE TROU DE FORAGE**
[72] HEAD, PHILIP, GB
[72] BURLEIGH, LAWRENCE HUGH, US
[71] HEAD, PHILIP, GB
[85] 2020-10-30
[86] 2019-04-30 (PCT/GB2019/051200)
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[25] EN
[54] **METHODS AND MEANS FOR MEASURING MULTIPLE CASING WALL THICKNESSES USING X-RAY RADIATION IN A WELLBORE ENVIRONMENT**
[54] **PROCEDES ET MOYENS DE MESURE DE PLUSIEURS EPAISSEURS DE PAROI DE TUBAGE A L'AIDE D'UN RAYONNEMENT DE RAYONS X DANS UN ENVIRONNEMENT DE PUITS FORE**
[72] TEAGUE, PHILIP, US
[71] TEAGUE, PHILIP, US
[85] 2020-11-06
[86] 2019-05-20 (PCT/US2019/033083)
[87] (WO2019/222730)
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[25] EN
[54] **METHODS FOR PREDICTING DRUG RESPONSIVENESS IN CANCER PATIENTS**
[54] **PROCEDES DE PREDICTION DE LA REPONSE AUX MEDICAMENTS CHEZ DES PATIENTS CANCEREUX**
[72] KNUDSEN, STEEN, US
[71] ONCOLOGY VENTURE APS, DK
[85] 2020-11-10
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[25] EN
[54] **A PROCESS FOR THE STEREOSELECTIVE PREPARATION OF CHIRAL 2-[(HETERO)ARYLALKYLSULFANYL]PYRIMIDINES AND PRODUCTS OBTAINABLE THEREFROM**
[54] **PROCEDE DE PREPARATION STEREOSELECTIVE DE 2-[(HETERO)ARYLALKYLSULFANYL]PYRIMIDINES CHIRALES ET PRODUITS POUVANT ETRE OBTENUS A PARTIR DE CELLES-CI**
[72] VAGBERG, JAN, SE
[72] BYSTROM, STYRBJORN, SE
[71] KANCERA AB, SE
[85] 2020-11-10
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[54] **ROTARY CYLINDER APPARATUS**
[54] **APPAREIL A TAMBOUR ROTATIF**
[72] SCHULTHEIS, NICLAS, DE
[71] GRENZEBACH BSH GMBH, DE
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[54] **METHOD AND APPARATUS FOR SLOT STRUCTURE INDICATION**
[54] **PROCEDE ET APPAREIL D'INDICATION DE STRUCTURE DE CRENEAU**
[72] ZHANG, CHENCHEN, CN
[72] HAO, PENG, CN
[72] LIU, XING, CN
[71] ZTE CORPORATION, CN
[85] 2020-07-31
[86] 2017-11-17 (PCT/CN2017/111744)
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[25] EN
[54] **UV COATING LAYER HARDENING DEVICE**
[54] **DISPOSITIF DE DURCISSEMENT SOUS RAYONNEMENT UV D'UNE COUCHE DE REVETEMENT**
[72] HORVATH, GUSZTAV JOZEF, NL
[71] HORVATH, GUSZTAV JOZEF, NL
[85] 2020-08-28
[86] 2017-06-06 (PCT/NL2017/050371)
[87] (WO2018/156016)
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[25] EN
[54] **ANGIOTENSINOGEN (AGT) IRNA COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS D'ARNI D'ANGIOTENSINOGENE (AGT) ET LEURS PROCEDES D'UTILISATION**
[72] FOSTER, DONALD, US
[72] HINKLE, GREGORY, US
[72] SCHLEGEL, MARK, K., US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2020-11-11
[86] 2019-05-14 (PCT/US2019/032150)
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[30] US (62/671,094) 2018-05-14
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[54] **MONITORING CATABOLISM MARKERS**
[54] **SURVEILLANCE DE MARQUEURS DU CATABOLISME**
[72] WALTMAN, STEVEN B., US
[72] CHANG, TYLIS Y., US
[71] WALTMAN, STEVEN B., US
[71] CHANG, TYLIS Y., US
[85] 2020-10-14
[86] 2019-04-15 (PCT/US2019/027495)
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[25] EN
[54] **AUTOMATED PAINT MACHINE WITH CUSTOM ORDER CAPABILITY**
[54] **MACHINE DE PEINTURE AUTOMATISEE AVEC POSSIBILITE DE COMMANDE PERSONNALISEE**
[72] VELTEN, JEREMY L., US
[72] TAYLOR, ROBERT, US
[71] WALMART APOLLO, LLC, US
[85] 2020-10-15
[86] 2019-05-10 (PCT/US2019/031788)
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[25] EN
[54] **COMPOSITION FOR PREVENTING OR INHIBITING INFLUENZA VIRUS INFECTION, CONTAINING GINSENG BERRY POLYSACCHARIDES**
[54] **COMPOSITION POUR LA PREVENTION OU L'INHIBITION D'UNE INFECTION PAR LE VIRUS DE LA GRIPPE, CONTENANT DES POLYSACCHARIDES DE BAIES DE GINSENG**
[72] CHO, DONGHYUN, KR
[72] KIM, SUHWAN, KR
[72] KIM, JUEWON, KR
[72] PARK, CHAN WOONG, KR
[72] SEO, DAE BANG, KR
[71] AMOREPACIFIC CORPORATION, KR
[85] 2020-10-26
[86] 2019-04-26 (PCT/KR2019/005081)
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[30] KR (10-2018-0050593) 2018-05-02
[30] KR (10-2019-0048626) 2019-04-25

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[25] EN
[54] **NOVEL CROP NUTRITION AND FORTIFICATION COMPOSITION**
[54] **NOUVELLE COMPOSITION DE NUTRITION ET FORTIFICATION DES CULTURES**
[72] SAWANT, ARUN VITTHAL, IN
[72] VADAKEKUTTU, THANKAPAN, IN
[71] SAWANT, ARUN VITTHAL, IN
[71] VADAKEKUTTU, THANKAPAN, IN
[85] 2020-11-06
[86] 2019-05-08 (PCT/IB2019/053775)
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[25] EN
[54] **TRAINING DATA FOR A MOTION DETECTION SYSTEM USING DATA FROM A SENSOR DEVICE**
[54] **DONNEES D'APPRENTISSAGE POUR UN SYSTEME DE DETECTION DE MOUVEMENT UTILISANT DES DONNEES PROVENANT D'UN DISPOSITIF DE CAPTEUR**
[72] KRAVETS, OLEKSIY, CA
[72] RAVKINE, MIKHAIL, CA
[71] COGNITIVE SYSTEMS CORP., CA
[85] 2020-11-04
[86] 2018-09-11 (PCT/CA2018/051115)
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[30] US (15/987,805) 2018-05-23

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[25] EN
[54] **CONTROL COMPONENT FOR SEGMENTED HEATING IN AN AEROSOL DELIVERY DEVICE**
[54] **COMPOSANT DE COMMANDE POUR CHAUFFAGE SEGMENTE DANS UN DISPOSITIF DE DISTRIBUTION D'AEROSOL**
[72] SUR, RAJESH, US
[71] RAI STRATEGIC HOLDINGS, INC., US
[85] 2020-11-09
[86] 2019-05-07 (PCT/IB2019/053750)
[87] (WO2019/215620)
[30] US (15/976,526) 2018-05-10

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[25] EN
[54] **USER-SELECTABLE TOOL FOR AN OPTICAL TRACKING VIRTUAL REALITY SYSTEM**
[54] **OUTIL POUVANT ETRE SELECTIONNE PAR L'UTILISATEUR POUR UN SYSTEME DE REALITE VIRTUELLE A SUIVI OPTIQUE**
[72] PURVIS, CHRISTOPHER, US
[72] FUSCO, MICHAEL, US
[71] DREAMSCAPE IMMERSIVE, INC., US
[85] 2020-11-09
[86] 2019-05-08 (PCT/IB2019/053793)
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[54] **VECTORS FOR DNA VACCINATION**
[54] **VECTEURS POUR L'IMMUNISATION PAR ADN**
[72] KOBINGER, GARY, CA
[72] BABUADZE, GEORGE, CA
[72] RACINE, TRINA, CA
[71] UNIVERSITE LAVAL, CA
[85] 2020-11-10
[86] 2019-05-21 (PCT/CA2019/050686)
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[25] EN
[54] **HIGH SPEED CORNEAL LENTICULAR INCISION USING A FEMTOSECOND LASER**
[54] **INCISION LENTICULAIRE CORNEENNE A GRANDE VITESSE UTILISANT UN LASER FEMTOSECONDE**
[72] FU, HONG, US
[72] MALEK TABRIZI, ALIREZA, US
[72] KHATIBZADEH, NIMA, US
[71] AMO DEVELOPMENT, LLC, US
[85] 2020-11-12
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[54] **BLOOD BIOMARKERS OF STROKE**
[54] **BIOMARQUEURS SANGUINS DE L'ACCIDENT VASCULAIRE CEREBRAL**
[72] TIMSIT, SERGE, FR
[72] GENIN, EMMANUELLE, FR
[71] CENTRE HOSPITALIER REGIONAL ET UNIVERSITAIRE DE BREST, FR
[71] ETABLISSEMENT FRANCAIS DU SANG, FR
[71] INSERM (INSTITUT DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] UNIVERSITE DE BRETAGNE OCCIDENTALE, FR
[85] 2020-11-12
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[25] EN
[54] **TREATMENT AND PREVENTION OF HOUSE DUST MITE ALLERGIES**
[54] **TRAITEMENT ET PREVENTION D'ALLERGIES AUX ACARIENS DETRITICOLES**
[72] VALENTA, RUDOLF, AT
[72] CURIN, MIRELA, AT
[72] CHEN, KUAN-WEI, AT
[72] VRTALA, SUSANNE, AT
[71] WORG PHARMACEUTICALS (HANGZHOU) CO., LTD., CN
[85] 2020-11-12
[86] 2019-05-17 (PCT/EP2019/062800)
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[30] EP (18173258.7) 2018-05-18

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[25] EN
[54] **SURGE PROTECTOR WITH WIRELESS NOTIFICATION**
[54] **DISPOSITIF DE PROTECTION CONTRE LES SURTENSIONS AVEC NOTIFICATION SANS FIL**
[72] MATYAC, MARK, US
[71] NORTH AMERICAN POWER PRODUCTS, INC., US
[71] MATYAC, MARK, US
[85] 2020-11-13
[86] 2019-04-15 (PCT/US2019/027433)
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[30] US (15/968,897) 2018-05-02

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[54] **HIGH CONCENTRATION SUSPENSION FORMULATION FOR COLD AND FLU SOFT GEL CAPSULE MEDICATIONS**
[54] **FORMULATION DE SUSPENSION A CONCENTRATION ELEVEE POUR MEDICAMENTS A CAPSULE MOLLE CONTRE LE RHUME ET LA GRIPPE**
[72] ZUMETA PEREZ, JAVIER, ES
[72] ALVAREZ MALUENDA, BLANCA, ES
[72] SANZ SAIZ, MARIA PILAR, ES
[72] IGLESIAS PINEIRO, MARIA ELENA, ES
[72] BELL, ANTHONY, US
[72] WALTER, REINHARD, DE
[71] BAYER HEALTHCARE LLC, US
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[54] **COLLABORATIVE RFID READER USING CODE DIVISIONAL MULTIPLE ACCESS (CDMA) AND METHODS FOR SAME**
[54] **LECTEUR RFID COLLABORATIF UTILISANT UN ACCES MULTIPLE PAR REPARTITION EN CODE (CDMA), ET PROCEDES ASSOCIES**
[72] KAN, EDWIN C., US
[72] HUI, XIAONAN, US
[71] CORNELL UNIVERSITY, US
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[54] **BINDING MOIETY FOR CONDITIONAL ACTIVATION OF IMMUNOGLOBULIN MOLECULES**
[54] **FRACTION DE LIAISON POUR L'ACTIVATION CONDITIONNELLE DE MOLECULES D'IMMUNOGLOBULINE**
[72] LIN, SHUOYEN JACK, US
[72] AUSTIN, RICHARD J., US
[72] LEMON, BRYAN D., US
[72] KWANT, KATHRYN, US
[72] ROCHA, SONY, US
[72] WESCHE, HOLGER, US
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[54] **BIARYL AMIDES WITH MODIFIED SUGAR GROUPS FOR TREATMENT OF DISEASES ASSOCIATED WITH HEAT SHOCK PROTEIN PATHWAY**
[54] **BIARYLAMIDES COMPORTANT DES GROUPES SUCRE MODIFIES POUR LE TRAITEMENT DE MALADIES ASSOCIEES A LA VOIE DE LA PROTEINE DE CHOC THERMIQUE**
[72] JIANG, XIN, US
[72] VISNICK, MELEAN, US
[72] BENDER, CHRISTOPHER F., US
[72] BOLTON, GARY, US
[72] CAPRATHE, BRADLEY, US
[72] LEE, CHITASE, US
[71] REATA PHARMACEUTICALS, INC., US
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[54] **GENERATION OF KNOCK-OUT PRIMARY AND EXPANDED HUMAN NK CELLS USING CAS9 RIBONUCLEOPROTEINS**
[54] **PRODUCTION DE CELLULES NK HUMAINES PRIMAIRES ET ETENDUES INACTIVEES A L'AIDE DE RIBONUCLEOPROTEINES CAS9**
[72] LEE, DEAN ANTHONY, US
[72] NAEIMI KARAROUDI, MEISAM, US
[71] RESEARCH INSTITUTE OF NATIONWIDE CHILDREN'S HOSPITAL, US
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[54] **CELL-FREE DNA FOR ASSESSING AND/OR TREATING CANCER**
[54] **ADN ACELLULAIRE POUR EVALUER ET/OU TRAITER LE CANCER**
[72] VELCULESCU, VICTOR E., US
[72] CRISTIANO, STEPHEN, US
[72] LEAL, ALESSANDRO, US
[72] PHALLEN, JILLIAN A., US
[72] FIKSEL, JACOB, US
[72] ADLEFF, VILMOS, US
[72] SCHARPF, ROBERT B., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
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[54] **RECEPTOR INHIBITION BY PHOSPHATASE RECRUITMENT**
[54] **INHIBITION DE RECEPTEUR PAR RECRUTEMENT DE PHOSPHATASES**
[72] GARCIA, KENAN CHRISTOPHER, US
[72] FERNANDES, RICARDO A., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[25] EN
[54] **CONTROLLED HYDROGEL DELIVERY OF FOCAL ADHESION KINASE INHIBITOR FOR DECREASED SCAR FORMATION**
[54] **ADMINISTRATION AJUSTEE D'HYDROGEL D'UN INHIBITEUR DE KINASE D'ADHESION FOCALE POUR REDUIRE LA FORMATION DE CICATRICES**
[72] GURTNER, GEOFFREY C., US
[72] KWON, SUN, HYUNG, US
[72] NAZIR AHMED, MOHAMMED, INAYATHULLAH, US
[72] RAJADAS, JAYAKUMAR, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[30] US (62/672,513) 2018-05-16
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[51] **Int.Cl. G01V 1/38 (2006.01) B63B 21/66 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR STEERABLE TOWED MARINE EQUIPMENT**
[54] **SYSTEME DE COMMANDE POUR EQUIPEMENT MARIN REMORQUE DIRIGEABLE**
[72] LAMBERT, DALE J., US
[71] ION GEOPHYSICAL CORPORATION, US
[85] 2020-11-13
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[51] **Int.Cl. C11D 11/00 (2006.01) C11D 3/00 (2006.01)**
[25] EN
[54] **METHODS OF WASHING STITCHBONDED NONWOVEN TOWELS USING A SOIL RELEASE POLYMER**
[54] **PROCEDES DE LAVAGE DE SERVIETTES NON TISSEES LIEES PAR COUTURE A L'AIDE D'UN POLYMERE FACILITANT LE LAVAGE**
[72] BUSCH, ROBERT CHARLES, US
[72] LEE, MAXWELL JAMES, US
[71] AMTEX INNOVATIONS LLC, US
[85] 2020-11-13
[86] 2019-05-31 (PCT/US2019/034915)
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[25] EN
[54] **SYNTHESIS OF E,E-FARNESOL, FARNESYL ACETATE AND SQUALENE FROM FARNESENE VIA FARNESYL CHLORIDE**
[54] **SYNTHESE D'E, E-FARNESOL, D'ACETATE DE FARNESYL ET DE SQUALENE A PARTIR DE FARNESENE PAR L'INTERMEDIAIRE DE CHLORURE DE FARNESYL**
[72] FISHER, KARL JOSEPH, US
[72] WOOLARD, FRANK XAVIER, US
[71] AMYRIS, INC., US
[85] 2020-11-13
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[51] **Int.Cl. B03B 4/00 (2006.01) B03B 4/02 (2006.01) B07B 1/40 (2006.01) B25J 9/14 (2006.01) F15B 15/12 (2006.01)**
[25] EN
[54] **FLUIDIZED INERTIA TABLE**
[54] **TABLE A INERTIE FLUIDISEE**
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[71] VALERIO, THOMAS A., US
[85] 2020-11-13
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[51] **Int.Cl. A61K 31/5513 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING BISFLUOROALKYL-L,4-BENZODIAZEPINONE COMPOUNDS FOR TREATING ADENOID CYSTIC CARCINOMA**
[54] **COMPOSITIONS COMPRENANT DES COMPOSES DE BISFLUOROALKYL-1,4-BENZODIAZEPINONE POUR TRAITER LE CARCINOME ADENOIDE KYSTIQUE**
[72] SIDRANSKY, DAVID, US
[71] AYALA PHARMACEUTICALS INC., US
[85] 2020-11-14
[86] 2019-05-14 (PCT/US2019/032239)
[87] (WO2019/222231)
[30] US (62/671,748) 2018-05-15
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[51] **Int.Cl. G01R 31/389 (2019.01) G01R 31/392 (2019.01) G01R 27/08 (2006.01)**
[25] EN
[54] **BATTERY MONITOR CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE MONITEUR DE BATTERIE**
[72] POTEMPA, EDWARD M., US
[72] BAUM JR., ALLAN J., US
[71] BTECH, INC., US
[85] 2020-11-13
[86] 2019-05-02 (PCT/US2019/030324)
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[51] **Int.Cl. C07D 333/72 (2006.01) A61K 31/381 (2006.01) A61P 35/00 (2006.01) C07D 333/78 (2006.01) C07D 409/04 (2006.01)**
[25] EN
[54] **THIOPHENE DERIVATIVES**
[54] **DERIVES DE THIOPHENE**
[72] MATTHIAS, LEIENDECKER, DE
[72] BUCHSTALLER, HANS-PETER, DE
[71] RYVU THERAPEUTICS S.A., PL
[71] MERCK PATENT GMBH, DE
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[51] **Int.Cl. G21K 1/093 (2006.01) A61N 5/10 (2006.01) G21K 5/04 (2006.01)**
[25] EN
[54] **A GANTRY AND APPARATUS FOR FOCUSSING BEAMS OF CHARGED PARTICLES**
[54] **PORTIQUE ET APPAREIL DE FOCALISATION DE FAISCEAUX DE PARTICULES CHARGEES**
[72] BOTTURA, LUCA, CH
[71] CERN-EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH, CH
[85] 2020-11-16
[86] 2019-05-21 (PCT/EP2019/063152)
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[13] A1
[51] **Int.Cl. B64F 1/00 (2006.01) B64F 1/305 (2006.01)**
[25] EN
[54] **METHOD FOR AUTOMATED DOCKING A PASSENGER BOARDING BRIDGE TO AN AIRCRAFT**
[54] **PROCEDE D'ARRIMAGE AUTOMATISE D'UNE PASSERELLE D'EMBARQUEMENT DE PASSAGERS A UN AERONEF**
[72] CASADO MERINO, JUAN MARIA, ES
[72] MURIAS BERMEJO, ANTONIO, ES
[72] FLOREZ CASTRO, ALBERTO, ES
[72] SABA, ISAAK MODASER, DE
[72] PEREZ PEREZ, MARCOS, ES
[72] ALVAREZ CUERVO, ADRIAN, ES
[72] MENDIOLAGOITIA JULIANA, JOSE, ES
[72] SESMA SANCHEZ, FRANCISCO JAVIER, ES
[72] GONZALEZ MIERES, ISABEL, ES
[71] THYSSENKRUPP AIRPORT SOLUTIONS, S.A., ES
[71] THYSSENKRUPP ELEVATOR INNOVATION CENTER S.A., ES
[85] 2020-11-16
[86] 2019-05-29 (PCT/EP2019/063906)
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[54] **PYRAZOLE DERIVATIVE AND PEST CONTROL AGENT**
[54] **DERIVE DE PYRAZOLE ET AGENT DE LUTTE CONTRE DES ORGANISMES NUISIBLES**
[72] ISHIKAWA, RYO, JP
[72] KINPARA, AKIRA, JP
[72] TORIYABE, KEIJI, JP
[72] WATANABE, AKIRA, JP
[72] NAKATANI, MASAO, JP
[72] TAKANEZAWA, AKIRA, JP
[72] MATSUDA, TAKESHI, JP
[71] KUMIAI CHEMICAL INDUSTRY CO., LTD., JP
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[51] **Int.Cl. A24F 1/30 (2006.01)**
[25] EN
[54] **HEAT GENERATOR FOR WATER PIPES AND A WATER PIPE TOBACCO HEAD**
[54] **GENERATEUR DE CHALEUR POUR DES PIPES A EAU ET FOYER DE PIPE A EAU**
[72] BOZKURT, CEM HAMDI, DE
[71] BOZKURT, CEM HAMDI, DE
[85] 2020-11-16
[86] 2019-05-16 (PCT/EP2019/062749)
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[51] **Int.Cl. A61B 3/00 (2006.01) G16H 50/50 (2018.01) A61F 2/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EVALUATING AND REDUCING NEGATIVE DYSPHOTOPSIA**
[54] **SYSTEMES ET PROCEDES D'EVALUATION ET DE REDUCTION DE LA DYSPHOTOPSIE NEGATIVE**
[72] STATE, MIHAI, NL
[72] ROSEN, ROBERT, NL
[72] MEIJER, SIEGER, NL
[72] ALARCON HEREDIA, AIXA, NL
[72] CANOVAS VIDAL, CARMEN, NL
[71] AMO GRONINGEN B.V., NL
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[86] 2019-11-29 (PCT/EP2019/083179)
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[51] **Int.Cl. B65G 49/06 (2006.01) B60P 3/00 (2006.01) B62B 3/10 (2006.01) B65D 85/48 (2006.01)**
[25] EN
[54] **STORAGE DEVICE FOR STORING GLASS SHEETS, PREFERABLY LAMINATED GLASS SHEETS OR SINGLE-PANE SAFETY GLASS SHEETS**
[54] **DISPOSITIF DE STOCKAGE DESTINE A STOCKER DES PLAQUES DE VERRE, DE PREFERENCE DES PLAQUES DE VERRE FEUILLETE OU DES PLAQUES DE VERRE DE SECURITE TREMPE**
[72] HOTGER, BERNHARD, DE
[72] JOST, MARTIN, DE
[71] HEGLA GMBH & CO. KG, DE
[85] 2020-11-16
[86] 2019-05-17 (PCT/EP2019/062854)
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[30] DE (10 2018 207 812.2) 2018-05-17

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[25] EN
[54] **ADOPTIVE T-CELL THERAPY FOR CMV INFECTION AND CMV-ASSOCIATED DISEASES**
[54] **THERAPIE ADOPTIVE PAR LYMPHOCYTES T POUR UNE INFECTION PAR LE CMV ET DES MALADIES ASSOCIEES AU CMV**
[72] KHANNA, RAJIV, AU
[72] SMITH, COREY, AU
[71] THE COUNCIL OF THE QUEENSLAND INSTITUTE OF MEDICAL RESEARCH, AU
[85] 2020-11-16
[86] 2019-05-16 (PCT/IB2019/000588)
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[51] **Int.Cl. A61K 31/4178 (2006.01) A61K 9/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **DOSING REGIMENS FOR TREATMENT OF SOLID TUMORS HAVING ONE OR MORE GENETIC ALTERATIONS IN FGFR1, FGFR2, AND/OR FGFR3**
[54] **SCHEMAS POSOLOGIQUES POUR LE TRAITEMENT DE TUMEURS SOLIDES AYANT UNE OU PLUSIEURS ALTERATIONS GENETIQUES DANS FGFR1, FGFR2 ET/OU FGFR3**
[72] ZANNA, CLAUDIO, CH
[72] FLAHERTY, KEITH T., US
[72] TANAKA, HIROAKI, CH
[72] POKORSKA-BOCCI, ANNA, CH
[72] BRICHORY, FRANCK, FR
[71] DEBIOPHARM INTERNATIONAL, S.A., CH
[85] 2020-11-16
[86] 2019-05-15 (PCT/IB2019/054043)
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[30] US (62/672,292) 2018-05-16
[30] US (62/672,295) 2018-05-16
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[51] **Int.Cl. A61K 31/427 (2006.01) A61K 31/513 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **LOPINAVIR AND RITONAVIR FOR THE TREATMENT OF CERVIX DISORDERS**
[54] **LOPINAVIR ET RITONAVIR POUR LE TRAITEMENT DE TROUBLES DU COL DE L'UTERUS**
[72] HAMPSON, IAN, GB
[72] HAMPSON, LYNNE, GB
[71] DOUGLAS PHARMACEUTICALS LIMITED, NZ
[85] 2020-11-16
[86] 2019-05-23 (PCT/IB2019/054292)
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[30] GB (1808564.7) 2018-05-24

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[54] **TREATMENTS**
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[72] HAMPSON, LYNNE, GB
[71] DOUGLAS PHARMACEUTICALS LTD, NZ
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[13] A1
[51] **Int.Cl. A61F 9/008 (2006.01) A61B 18/20 (2006.01)**
[25] EN
[54] **OPHTHALMIC LASER SURGICAL METHOD AND SYSTEM FOR FORMING CORNEAL LENTICULE WITH SIDE TAB FOR EASY EXTRACTION**
[54] **PROCEDE ET SYSTEME CHIRURGICAL A LASER OPHTALMIQUE PERMETTANT DE FORMER UN LENTICULE CORNEEN PRESENTANT UNE LANGUETTE LATERALE PERMETTANT UNE EXTRACTION FACILE**
[72] GARCIA, JOSE L., US
[72] ALTMANN, GRIFFITH E., US
[71] AMO DEVELOPMENT, LLC, US
[85] 2020-11-16
[86] 2020-03-12 (PCT/IB2020/052213)
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[51] **Int.Cl. A61F 9/008 (2006.01) A61F 2/16 (2006.01)**
[25] EN
[54] **OPTIMIZED WRITING OF REFRACTIVE INDEX STRUCTURES IN IOLS USING VARIABLE PASSES**
[54] **ECRITURE OPTIMISEE DE STRUCTURES D'INDICE DE REFRACTION DANS DES LIO A L'AIDE DE PASSAGES VARIABLES**
[72] SCHUELE, GEORG, US
[72] DEWEY, DAVID A., US
[72] WANG, JENNY, US
[72] HOFER, RICHARD, US
[72] VANKOV, ALEXANDER, US
[71] AMO DEVELOPMENT, LLC, US
[85] 2020-11-16
[86] 2020-04-09 (PCT/IB2020/053419)
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[30] US (62/832,825) 2019-04-11
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[13] A1
[51] **Int.Cl. A61F 9/008 (2006.01) G16H 30/40 (2018.01) A61F 2/16 (2006.01)**
[25] EN
[54] **HIGH SPEED TRACKING OF IOL DURING REFRACTIVE INDEX MODIFICATION**
[54] **SUIVI A GRANDE VITESSE DE LIO AU COURS D'UNE MODIFICATION D'INDICE DE REFRACTION**
[72] DEWEY, DAVID A., US
[72] WILTBERGER, MICHAEL, US
[72] GOODING, PHILLIP, US
[72] SCHUELE, GEORG, US
[71] AMO DEVELOPMENT, LLC, US
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[25] EN
[54] **CALIBRATION PROCESS FOR FEMTOSECOND LASER INTRAOCULAR LENS MODIFICATION SYSTEM USING VIDEO AND OCT TARGETING**
[54] **PROCEDE D'ETALONNAGE POUR SYSTEME DE MODIFICATION DE LENTILLE INTRAOCULAIRE LASER FEMTOSECONDE UTILISANT UN CIBLAGE VIDEO ET TOMOGRAPHIE PAR COHERENCE OPTIQUE**
[72] VANKOV, ALEXANDER, US
[72] WANG, JENNY, US
[72] DEWEY, DAVID A., US
[72] GOODING, PHILLIP, US
[72] HOFER, RICHARD, US
[72] SCHUELE, GEORG, US
[71] AMO DEVELOPMENT, LLC, US
[85] 2020-11-16
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[25] EN
[54] **IMMEDIATE RELEASE DOSAGE FORM**
[54] **FORME PHARMACEUTIQUE A LIBERATION IMMEDIATE**
[72] SOMANI, JITENDRA KRISHAN, CA
[72] VUPPALA, MURALI K., US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2020-11-16
[86] 2020-03-16 (PCT/IB2020/052374)
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[30] US (16/364,244) 2019-03-26

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[54] **ROWING**
[54] **AVIRON**
[72] SMITH, BRUCE, US
[72] PAUL, CHRIS, US
[72] EVANS, CHRISTOPHER, US
[72] PAWELKA, GERHARD, US
[72] BURKE, WILLIAM, US
[72] QUINTUS-BOSZ, HARALD, US
[72] RENNER, KLAUS, US
[71] HYDROW, INC., US
[85] 2020-11-16
[86] 2019-05-03 (PCT/US2019/030646)
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[30] US (15/981,834) 2018-05-16

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[51] **Int.Cl. B01F 5/06 (2006.01) B01L 3/00 (2006.01) G01N 15/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR NUCLEIC ACID PURIFICATION USING FLOW CELLS WITH ACTUATED SURFACE-ATTACHED STRUCTURES**
[54] **SYSTEMES ET PROCEDES DE PURIFICATION D'ACIDE NUCLEIQUE A L'AIDE DE CUVES A CIRCULATION POSSEDANT DES STRUCTURES A ACTIONNEMENT FIXEES EN SURFACE**
[72] SPERO, RICHARD CHASEN, US
[72] FISHER, JAY KENNETH, US
[72] SUPERFINE, RICHARD, US
[71] REDBUD LABS, INC., US
[85] 2020-11-16
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[51] **Int.Cl. B65D 71/42 (2006.01) B65B 17/02 (2006.01)**
[25] EN
[54] **SET OF CONNECTED BLANKS AND BLANK**
[54] **ENSEMBLE D'EBAUCHES RELIEES ET EBAUCHE**
[72] ZACHERLE, MATTHEW E., US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
[85] 2020-11-16
[86] 2019-05-15 (PCT/US2019/032407)
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[25] EN
[54] **PARTIAL COVERAGE MULTILAYER DAMPING LAMINATE**
[54] **STRATIFIE D'AMORTISSEMENT MULTICOUCHE A COUVERTURE PARTIELLE**
[72] MILLIMAN, HENRY W., US
[72] GANESAN, MAHESH, US
[71] AVERY DENNISON CORPORATION, US
[85] 2020-11-16
[86] 2019-05-15 (PCT/US2019/032421)
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[51] **Int.Cl. C07D 271/10 (2006.01) A61K 31/4245 (2006.01) C07D 271/113 (2006.01) C07D 413/04 (2006.01)**
[25] EN
[54] **OXADIAZOLE COMPOUNDS**
[54] **COMPOSES D'OXADIAZOLE**
[72] KONRADI, ANDREI W., US
[72] LIN, TRACY TZU-LING TANG, US
[71] VIVACE THERAPEUTICS, INC., US
[85] 2020-11-16
[86] 2019-05-15 (PCT/US2019/032532)
[87] (WO2019/222431)
[30] US (62/672,370) 2018-05-16

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[51] **Int.Cl. A61F 9/008 (2006.01)**
[25] EN
[54] **WATER-IMMERSED HIGH PRECISION LASER FOCUS SPOT SIZE MEASUREMENT APPARATUS**
[54] **APPAREIL DE MESURE DE TAILLE DE POINT FOCAL LASER DE HAUTE PRECISION IMMERGE DANS L'EAU**
[72] SUN, ZHENG, US
[72] BRAY, DANIEL, US
[72] WITOWSKI, ZENON, US
[72] SLOTTERBACK, TIMOTHY, US
[72] FU, HONG, US
[71] AMO DEVELOPMENT, LLC, US
[85] 2020-11-11
[86] 2019-06-27 (PCT/IB2019/055463)
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[30] US (16/027,137) 2018-07-03

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[51] **Int.Cl. B01L 3/00 (2006.01)**
[25] EN
[54] **A SAMPLING DEVICE, A SYSTEM COMPRISING THE SAMPLING DEVICE AND A METHOD**
[54] **DISPOSITIF D'ECHANTILLONNAGE, SYSTEME COMPRENANT LE DISPOSITIF D'ECHANTILLONNAGE ET PROCEDE**
[72] VISTISEN, RASMUS, DK
[72] ENGELL, JAKOB FREDERIK SCHONDORFF, DK
[71] FOSS ANALYTICAL A/S, DK
[85] 2020-11-11
[86] 2019-08-07 (PCT/IB2019/056707)
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[30] DK (PA201800617) 2018-09-21

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[25] EN
[54] **LATERAL FLOW ASSAY DEVICE AND ANALYSER**
[54] **DISPOSITIF DE DOSAGE A ECOULEMENT LATERAL ET ANALYSEUR**
[72] VISTISEN, RASMUS, DK
[72] ENGELL, JAKOB FREDERIK SCHONDORFF, DK
[71] FOSS ANALYTICAL A/S, DK
[85] 2020-11-11
[86] 2019-08-07 (PCT/IB2019/056709)
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[25] EN
[54] **SYSTEMS AND METHODS FOR LENTICULAR LASER INCISION**
[54] **SYSTEMES ET METHODES POUR UNE INCISION LENTICULAIRE AU LASER**
[72] FU, HONG, US
[72] MALEK TABRIZI, ALIREZA, US
[71] AMO DEVELOPMENT, LLC, US
[85] 2020-11-11
[86] 2019-08-19 (PCT/IB2019/056981)
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[25] EN
[54] **HEALTHY FOOD PRODUCTS AND METHODS**
[54] **PRODUITS ALIMENTAIRES DE SANTE, ET PROCEDES**
[72] SCHENKEL, IAN, US
[71] SCHENKEL, IAN, US
[85] 2020-11-16
[86] 2019-05-16 (PCT/US2019/032640)
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[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **IMAGING DEVICE FOR OPHTHALMIC LASER SYSTEM USING OFF-AXIS MINIATURE CAMERA**
[54] **DISPOSITIF D'IMAGERIE POUR SYSTEME LASER OPHTALMIQUE UTILISANT UNE CAMERA MINIATURE HORS AXE**
[72] WITOWSKI, ZENON, US
[72] RAHAMAN, MOHAMMAD SAIDUR, US
[72] WONG, DARYL, US
[71] AMO DEVELOPMENT, LLC, US
[85] 2020-11-11
[86] 2019-11-11 (PCT/IB2019/059669)
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[51] **Int.Cl. A61K 31/4192 (2006.01) A61K 31/336 (2006.01) A61K 31/404 (2006.01) A61K 31/41 (2006.01) A61K 31/415 (2006.01) A61K 31/416 (2006.01) A61K 31/44 (2006.01) A61P 5/24 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)**
[25] EN
[54] **SELECTIVE ANDROGEN RECEPTOR DEGRADER (SARD) LIGANDS AND METHODS OF USE THEREOF**
[54] **LIGANDS DE COMPOSES DE DEGRADATION SELECTIFS DE RECEPTEURS DES ANDROGENES (SARD) ET PROCEDES D'UTILISATION ASSOCIES**
[72] NARAYANAN, RAMESH, US
[72] MILLER, DUANE D., US
[72] PONNUSAMY, THAMARAI, US
[72] HWANG, DONG-JIN, US
[72] HE, YALI, US
[71] GTX, INC., US
[71] UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, US
[85] 2020-11-16
[86] 2019-05-16 (PCT/US2019/032751)
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[51] **Int.Cl. A61F 9/008 (2006.01)**
[25] EN
[54] **PROCESS MONITORING AND CONTROL DURING LASER-BASED REFRACTIVE INDEX MODIFICATION OF INTRAOCULAR LENSES IN PATIENTS**
[54] **SURVEILLANCE ET CONTROLE DE PROCESSUS PENDANT LA MODIFICATION A L'AIDE D'UN LASER DE L'INDICE DE REFRACTION DE LENTILLES INTRAOCULAIRES PORTEES PAR DES PATIENTS**
[72] HOFER, RICHARD, US
[72] VANKOV, ALEXANDER, US
[72] WANG, JENNY, US
[72] DEWEY, DAVID A., US
[72] GOODING, PHILLIP, US
[72] SCHUELE, GEORG, US
[71] AMO DEVELOPMENT, LLC, US
[85] 2020-11-15
[86] 2020-04-07 (PCT/IB2020/053327)
[87] (WO2020/208531)
[30] US (62/832,797) 2019-04-11
[30] US (62/925,185) 2019-10-23

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[51] **Int.Cl. A61F 9/008 (2006.01) A61B 3/10 (2006.01) A61F 2/16 (2006.01)**
[25] EN
[54] **WAVEFRONT HIGHER ORDER CORRECTION OF IOLS USING REFRACTIVE INDEX MODIFICATION**
[54] **CORRECTION D'ORDRE SUPERIEUR DE FRONT D'ONDE DE LENTILLES INTRAOCULAIRES (LIO) UTILISANT UNE MODIFICATION D'INDICE DE REFRACTION**
[72] HOFER, RICHARD, US
[72] VANKOV, ALEXANDER, US
[72] WANG, JENNY, US
[72] DEWEY, DAVID A., US
[72] SCHUELE, GEORG, US
[71] AMO DEVELOPMENT, LLC, US
[85] 2020-11-15
[86] 2020-04-09 (PCT/IB2020/053423)
[87] (WO2020/208586)
[30] US (62/832,821) 2019-04-11
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[51] **Int.Cl. A61L 29/14 (2006.01)**
[25] EN
[54] **HYDROPHILIC MEDICAL PRODUCTS AND HYDRATION MEDIUMS FOR HYDRATING THE SAME**
[54] **PRODUITS MEDICAUX HYDROPHILES ET MILIEUX D'HYDRATATION POUR LEUR HYDRATATION**
[72] FARRELL, DAVID J., US
[72] PANESAR, SATWINDER S., US
[72] MURRAY, MICHAEL G., US
[72] NAUGHTON, VINCENT, US
[72] O'DONNELL, PAUL M., US
[72] O'MAHONY, JOHN P., US
[72] CLARK, JOHN T., US
[71] HOLLISTER INCORPORATED, US
[85] 2020-11-16
[86] 2019-05-17 (PCT/US2019/032906)
[87] (WO2019/222652)
[30] US (62/672,755) 2018-05-17
[30] US (62/699,993) 2018-07-18
[30] US (62/739,449) 2018-10-01
[30] US (62/770,275) 2018-11-21
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[51] **Int.Cl. A61F 5/41 (2006.01) A61H 19/00 (2006.01)**
[25] EN
[54] **A STIMULATION AND TREATMENT DEVICE**
[54] **DISPOSITIF DE STIMULATION ET DE TRAITEMENT**
[72] BURNETT-JONES, RODNEY, AU
[71] BURNETT-JONES, RODNEY, AU
[85] 2020-11-16
[86] 2019-05-22 (PCT/AU2019/000062)
[87] (WO2019/222791)
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[30] AU (2019900191) 2019-01-22

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[51] **Int.Cl. A61B 5/00 (2006.01) G16B 5/00 (2019.01) G16B 5/10 (2019.01) G16B 5/20 (2019.01) G16B 5/30 (2019.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COGNITIVE DIAGNOSTICS IN CONNECTION WITH MAJOR DEPRESSIVE DISORDER AND RESPONSE TO ANTIDEPRESSANTS**
[54] **SYSTEMES ET PROCEDES DE DIAGNOSTIC COGNITIF EN RELATION AVEC UN TROUBLE DEPRESSIF MAJEUR ET REPONSE A DES ANTIDEPRESSEURS**
[72] HERZALLAH, MOHAMMAD, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2020-11-16
[86] 2019-05-17 (PCT/US2019/032929)
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[30] US (62/672,726) 2018-05-17

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[25] EN
[54] **DEVICE FOR REMOVING INTERNAL BLOCKAGE MATERIALS FROM A FLUID-CONVEYING LINE**
[54] **DISPOSITIF D'ELIMINATION DE MATIERE INTERNES D'OBSTRUCTION D'UNE CONDUITE DE TRANSPORT DE FLUIDE**
[72] ROSAURO CLARKE, THOMAS GABRIEL, BR
[72] REPPOLD MARINHO, RICARDO, BR
[72] DOS SANTOS, RAFAEL EUGENIO, BR
[72] CHLUDZINSKI, MARIANE, BR
[72] TORRES PIZA PAES, MARCELO, BR
[72] CORDENONSI DA FONSECA, GUSTAVO, BR
[72] DALPIAZ, GIOVANI, BR
[71] PETROLEO BRASILEIRO S.A.-PETROBRAS, BR
[71] UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL - UFRGS, BR
[85] 2020-11-16
[86] 2019-05-15 (PCT/BR2019/050179)
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[30] BR (BR1020180097946) 2018-05-15

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[51] **Int.Cl. A61F 9/008 (2006.01) A61B 3/10 (2006.01) A61B 18/20 (2006.01) A61F 9/009 (2006.01)**
[25] EN
[54] **EYE SUCTION LOSS AND CORNEAL APPLANATION DETECTION IN OPHTHALMIC DOCKING SYSTEM USING OPTICAL SIGNAL**
[54] **DETECTION D'APLANISSEMENT DE LA CORNEE ET DE PERTE D'ASPIRATION DE L'□IL DANS UN SYSTEME D'ACCUEIL OPHTALMIQUE UTILISANT UN SIGNAL OPTIQUE**
[72] LIU, HARVEY I., US
[72] RAHAMAN, MOHAMMAD SAIDUR, US
[72] FU, HONG, US
[72] ALTMANN, GRIFFITH E., US
[71] AMO DEVELOPMENT, LLC, US
[85] 2020-11-16
[86] 2020-03-12 (PCT/IB2020/052215)
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[51] **Int.Cl. A61F 9/007 (2006.01)**
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[54] **CORNEAL LENTICULE EXTRACTION TOOL**
[54] **OUTIL D'EXTRACTION DE LENTICULE CORNEENNE**
[72] GARCIA, JOSE L., US
[72] HANNON, TREVOR, US
[72] LAGARTO, CHRISTINA, US
[71] AMO DEVELOPMENT, LLC, US
[85] 2020-11-16
[86] 2020-03-20 (PCT/IB2020/052635)
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[30] US (16/372,300) 2019-04-01

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[51] **Int.Cl. H02S 20/32 (2014.01)**
[25] EN
[54] **TUBULAR FLUIDIC ACTUATOR SYSTEM AND METHOD**
[54] **SYSTEME D'ACTIONNEUR FLUIDIQUE TUBULAIRE ET PROCEDE**
[72] BETTS, KYLE DOUGLASS, US
[72] GRIFFITH, SAUL THOMAS, US
[72] LAMB, JEFFREY CHARLES, US
[72] LYNN, PETER STURT, US
[72] MADRONE, LEILA MARCIA, US
[72] SCHNEIDER, MATTHEW NESS, US
[72] SIMON, KEVIN PATRICK, US
[72] BASEL, LOUIS, US
[72] MACOMBER, VICTORIA HAMMETT, US
[72] GOLDWATER, DAN, US
[71] SUNFOLDING, INC., US
[85] 2020-11-16
[86] 2019-05-28 (PCT/US2019/034202)
[87] (WO2019/231927)
[30] US (62/677,560) 2018-05-29
[30] US (62/845,118) 2019-05-08

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[51] **Int.Cl. H04N 9/31 (2006.01)**
[25] EN
[54] **PROJECTOR CONTROLLER AND ASSOCIATED METHOD**
[54] **DISPOSITIF DE COMMANDE DE PROJECTEUR ET PROCEDE ASSOCIE**
[72] ARNTSEN, JOHN FREDERICK, US
[72] PERTIERRA, JUAN P., US
[72] RICHARDS, MARTIN J., US
[72] LIPPEY, BARRET, US
[72] ORLICK, CHRISTOPHER JOHN, US
[72] GORNY, DOUGLAS J., US
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
[85] 2020-11-16
[86] 2019-05-14 (PCT/US2019/032293)
[87] (WO2019/222270)
[30] US (62/672,288) 2018-05-16

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[51] **Int.Cl. G16B 50/20 (2019.01) G16B 30/00 (2019.01) C12Q 1/68 (2018.01) H03M 13/15 (2006.01) H03M 13/37 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR NUCLEIC ACID-BASED DATA STORAGE**
[54] **COMPOSITIONS ET PROCEDES DE STOCKAGE DE DONNEES BASE SUR L'ACIDE NUCLEIQUE**
[72] ROQUET, NATHANIEL, US
[72] PARK, HYUNJUN, US
[72] BHATIA, SWAPNIL P., US
[72] LEAKE, DEVIN, US
[71] CATALOG TECHNOLOGIES, INC., US
[85] 2020-11-16
[86] 2019-05-16 (PCT/US2019/032756)
[87] (WO2019/222561)
[30] US (62/672,495) 2018-05-16

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[51] **Int.Cl. G06N 3/12 (2006.01) B01J 19/00 (2006.01)**
[25] EN
[54] **PRINTER-FINISHER SYSTEM FOR DATA STORAGE IN DNA**
[54] **SYSTEME D'IMPRIMANTE-FINISSEUR POUR LE STOCKAGE DE DONNEES DANS L'ADN**
[72] ROQUET, NATHANIEL, US
[72] PARK, HYUNJUN, US
[72] BHATIA, SWAPNIL P., US
[72] HAZELL, MIKE, US
[72] DAY, RICHARD, US
[72] HAMMOND, RICHARD, US
[72] BROWN, JAMES, US
[72] RICHARDSON, RODNEY, US
[72] REDMAN, THOMAS, US
[72] LEAKE, DEVIN, US
[71] CATALOG TECHNOLOGIES, INC., US
[85] 2020-11-16
[86] 2019-05-16 (PCT/US2019/032758)
[87] (WO2019/222562)
[30] US (62/672,500) 2018-05-16
[30] US (62/672,495) 2018-05-16
[30] US (62/809,870) 2019-02-25

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[51] **Int.Cl. G01N 31/22 (2006.01) C09D 11/50 (2014.01) A61L 2/28 (2006.01)**
[25] EN
[54] **DETECTION OF MULTI-DIMENSIONAL HEATING PATTERNS IN THERMAL FOOD PROCESSES USING THERMOCHROMIC INKS**
[54] **DETECTION DE MOTIFS DE CHAUFFAGE MULTIDIMENSIONNELS DANS DES PROCESSUS ALIMENTAIRES THERMIQUES A L'AIDE D'ENCRES THERMOCHROMIQUES**
[72] LIU, HUA, US
[72] WATTS, MARK ROBERT, US
[71] CAMPBELL SOUP COMPANY, US
[85] 2020-11-16
[86] 2019-05-17 (PCT/US2019/032807)
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[30] US (62/672,821) 2018-05-17
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[25] EN
[54] **PROCESS FOR PREPARING CONCENTRATED SOLUTIONS OF STEVIOL GLYCOSIDES, AND USES**
[54] **PROCEDE DE PREPARATION DE SOLUTIONS CONCENTREES DE GLYCOSIDES DE STEVIOL ET UTILISATIONS**
[72] KRIEGEL, ROBERT M., US
[72] PRAKASH, INDRA, US
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[71] SECURUM CAPSA, INC., US
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[54] **PROCEDES DE FABRICATION D'ENSEMBLES DE CATHETERS HYDROPHILES A MANCHON**
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[72] FARRELL, DAVID J., US
[72] O'MALLEY, SHANE, US
[72] BOLAND, PATRICK, US
[72] HENEGHAN, BRENDAN J., US
[72] MONTES DE OCA, HORACIO, US
[72] MURRAY, MICHAEL G., US
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[72] BIGGINS, DAMIEN, US
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[54] **MUR RENFORCE PAR COMPRESSION ET TENSION**
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[71] CETRES HOLDINGS, LLC, US
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[54] **MEMBRANES ET DISPOSITIFS DE FILTRATION DU SANG IN VIVO**
[72] ROY, SHUVO, US
[72] CHUI, BENJAMIN W., US
[72] WRIGHT, NATHAN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[72] JACKSON, DAVID Y., US
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[72] ACKERMAN, SHELLEY ERIN, US
[72] ENGLEMAN, EDGAR GEORGE, US
[71] BOLT BIOTHERAPEUTICS, INC., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **EJECTEUR DE FLUIDE COMPRIME ET SYSTEME DE PROPULSION A HELICE COMBINES**
[72] EVULET, ANDREI, US
[71] JETOPTERA, INC., US
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[71] CETRES HOLDINGS, LLC, US
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[54] **MECANISME DE REGLAGE IN VIVO ET SYSTEMES ET PROCEDES ASSOCIES**
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[72] GOODMAN, PAUL D., US
[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **SYSTEM FOR MOLDING AND COATING OF PHARMACEUTICAL TABLETS**
[54] **SYSTEME DE MOULAGE ET DE REVETEMENT DE COMPRIMES PHARMACEUTIQUES**
[72] HALKUDE, BHAKTI, US
[72] CASATI, FEDERICA, US
[72] GOODWIN, EVAN JAMES, US
[72] CHATTOPADHYAY, SAPTARSHI, US
[72] TAKIZAWA, BAYAN TEISHO, US
[72] MASCIA, SALVATORE, US
[71] CONTINUUS PHARMACEUTICALS, INC., US
[71] I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A, IT
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[54] **SYSTEMES ET PROCEDES DE PHOTOTHERAPIE INTRA-BUCCALE ET EXTRA- BUCCALE**
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[54] **RACCORD SANS AIGUILLE AUTONETTOYANT**
[72] GISH, NATHAN, US
[72] HUDSON, ROSS, US
[72] LUTTRELL, JOSH, US
[71] GROVE GROUP, LLC, US
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[54] **DISPOSITIFS ET SYSTEMES DE CAPTEUR TACTILE OPTIQUE**
[72] DUXBURY, GUY MICHAEL, CA
[72] MCCULLOCH, ROBERT DONALD, CA
[72] DAVID, ALBERT M., CA
[72] PAVLOV, GUEORGUI, CA
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[54] **NOZZLE WITH REMOVABLE NOZZLE TIP CONFIGURED FOR IMPROVED HEATING**
[54] **BUSE AVEC POINTE DE BUSE AMOVIBLE CONFIGUREE POUR UN CHAUFFAGE AMELIORE**
[72] JENKO, EDWARD JOSEPH, US
[72] PLUMPTON, JAMES OSBORNE, US
[72] LAWRENCE, THOMAS ANDREW, US
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[54] **SYSTEMES D'APPORT POUR DISPOSITIFS DE VALVULE CARDIAQUE PROTHETIQUE REPLIABLE ET PROCEDES ASSOCIES**
[72] DIEDERING, JASON S., US
[72] KUMAR, SARAVANA B., US
[71] 4C MEDICAL TECHNOLOGIES, INC., US
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[54] **DISPOSITIF DE CAROTTAGE ET ENSEMBLE DE CAROTTAGE ET D'INTRODUCTION COMPRENANT UN TEL DISPOSITIF**
[72] MASCARELL, ARNAUD, FR
[72] GARRIGUE, STEPHANE, FR
[71] FINEHEART, FR
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[54] **DISPOSITIF D'ANCRAGE D'UNE POMPE CARDIAQUE**
[72] COLLAS, JEREMY, FR
[72] ROUSSEAU, JEAN-BAPTISTE, FR
[72] MASCARELL, ARNAUD, FR
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[54] **PROCEDE DE GESTION DES NIVEAUX DE REMPLISSAGE DE CUVES**
[72] PASQUIER, ROMAIN, FR
[72] GERVAISE, ERIC, FR
[72] LEROUX, NICOLAS, FR
[72] ROBILLART, BRUNO, FR
[71] GAZTRANSPORT ET TECHNIGAZ, FR
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[54] **PROCEDE DE COMMUNICATION, ET APPAREIL DE COMMUNICATION**
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[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SYSTEME CONSERVATEUR COSMETIQUE**
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[72] JOHNSON, MARK, GB
[72] HICKS, JAKE THOMAS, GB
[71] THE BOOTS COMPANY PLC, GB
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[54] **BEAM TRAINING METHOD, APPARATUS, AND SYSTEM**
[54] **PROCEDE D'ENTRAINEMENT A LA FORMATION DE FAISCEAU, APPAREIL, ET SYSTEME**
[72] GUAN, PENG, CN
[72] TANG, XIAOYONG, CN
[72] WANG, XIAONA, CN
[72] ZHANG, XI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **OUTIL D'ENREGISTREMENT DE SYSTEME MONDIAL DE LOCALISATION (GPS) (GRT) ET SYSTEMES, PROCEDES ET PRODUITS PROGRAMMES D'ORDINATEUR ASSOCIES**
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[72] KERRIGAN, WILLIAM JOHN, IE
[72] POWER, JOHN, IE
[71] SELC IRELAND LTD., IE
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[54] **NOUVEL INHIBITEUR DE CORROSION POUR DIVERS ACIDES**
[72] PURDY, CLAY, CA
[72] WEISSENBERGER, MARKUS, CA
[71] FLUID ENERGY GROUP LTD, CA
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[54] **FOUNDATION ENGINEERING METHOD AND CONSTRUCTION APPARATUS FOR PRODUCING ACOLUMNAR STRUCTURE IN THE GROUND**
[54] **PROCEDE DE GENIE CIVIL ET DISPOSITIF DE CONSTRUCTION POUR CREER UNE STRUCTURE EN FORME DE COLONNE DANS LE SOL**
[72] REGLER, HANS, DE
[71] BAUER SPEZIALTIEFBAU GMBH, DE
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[54] **MODULATION DE TEMPERATURE DANS UN APPAREIL DE CUISSON**
[72] CALLAHAN, KEVIN, CA
[72] MACDONALD, DAN, CA
[72] THU, TIMOTHY SOE MOE, CA
[72] ZU, WAYNE, CA
[71] PIONEERING TECHNOLOGY CORP., CA
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[54] **COMPOSES POUR LA PREVENTION ET LE TRAITEMENT D'AFFECTIONS CUTANEES OU DES MUQUEUSES AYANT UN COMPOSANT INFLAMMATOIRE**
[72] GIULIANI, GIAMMARIA, CH
[72] PAUS, RALF, DE
[72] CHERET, JEREMY, DE
[72] MARZANI, BARBARA, IT
[72] BARONI, SERGIO, IT
[71] GIULIANI S.P.A., IT
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[54] **QUALITY CONTROL COMPOSITIONS AND WHOLE ORGANISM CONTROL MATERIALS FOR USE IN NUCLEIC ACID TESTING**
[54] **COMPOSITIONS DE CONTROLE DE QUALITE ET MATIERES DE CONTROLE D'ORGANISME ENTIER POUR UNE UTILISATION DANS UN TEST D'ACIDE NUCLEIQUE**
[72] LUSCHER, MARK, CA
[72] HUGHES, KENNETH, CA
[72] ZHELEV, PAVEL, CA
[72] GROOME, CAMERON, CA
[71] MICROBIX BIOSYSTEMS INC., CA
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[54] **REVERSED UNIVERSAL CHIMERIC ANTIGEN RECEPTOR EXPRESSING IMMUNE CELLS FOR TARGETING OF DIVERSE MULTIPLE ANTIGENS AND METHOD OF MANUFACTURING THE SAME AND USE OF THE SAME FOR TREATMENT OF CANCER, INFECTIONS AND AUTOIMMUNE DISORDERS**
[54] **RECEPTEUR ANTIGENIQUE CHIMERIQUE UNIVERSEL INVERSE EXPRIMANT DES CELLULES IMMUNITAIRES POUR LE CIBLAGE DE DIVERS ANTIGENES MULTIPLES ET SON PROCEDE DE FABRICATION ET SON UTILISATION POUR LE TRAITEMENT DU CANCER, D'INFECTIONS ET DE TROUBLES AUTO-IMMUNS**
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[71] GEMOAB MONOCLONALS GMBH, DE
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[54] **COMPOSITION DE REMPLISSAGE A BASE DE GRAISSE**
[72] FERNANDEZ FARRES, ISABEL, CH
[72] GUNES, ZEYNEL DENIZ, CH
[72] MARTY-TERRADE, STEPHANIE, GB
[72] NEGRINI, RENATA, GB
[72] RAY, JOYDEEP, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
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[54] **SHIP IDENTITY RECOGNITION METHOD BASED ON FUSION OF AIS DATA AND VIDEO DATA**
[54] **PROCEDE DE RECONNAISSANCE D'IDENTITE DE NAVIRE REPOSANT SUR LA FUSION DE DONNEES AIS ET DE DONNEES VIDEO**
[72] YUAN, MIN, CN
[72] PENG, SHULIN, CN
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[72] NI, KANJUN, CN
[72] WANG, XINYA, CN
[71] SHANGHAI ADVANCED AVIONICS CO., LTD., CN
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[54] **A METHOD FOR MAKING A COMPOSITE ALCOHOLIC BEVERAGE**
[54] **PROCEDE DE FABRICATION D'UNE BOISSON ALCOOLISEE COMPOSITE**
[72] EDWARDS, WILLIAM JOHN MALCOLM, AU
[72] WITHERS, DAVID AARON WILHEIM, AU
[71] ARD CORE PTY LIMITED, AU
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[54] **RANDOM ACCESS METHOD AND DEVICE, STORAGE MEDIUM, ELECTRONIC DEVICE**
[54] **PROCEDE ET DISPOSITIF D'ACCES ALEATOIRE, SUPPORT DE STOCKAGE ET DISPOSITIF ELECTRONIQUE**
[72] DONG, FEI, CN
[72] HUANG, HE, CN
[71] ZTE CORPORATION, CN
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[54] **FEEDTHROUGH MODULE FOR INSTALLATION IN A WOODEN CONSTRUCTION**
[54] **MODULE DE PASSAGE A MONTER DANS UNE CONSTRUCTION EN BOIS**
[72] SIMON, SEBASTIAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[54] **MOULD MEMBER WITH FOREIGN OBJECT DETECTION**
[54] **ELEMENT MOULE PERMETTANT UNE DETECTION D'OBJETS ETRANGERS**
[72] DE BIJL, ANDREAS LEONARDUS, NL
[72] VERBRUGGEN, PAULUS JOHANNES, NL
[71] GEA FOOD SOLUTIONS BAKEL B.V., NL
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[54] **SCAFFOLDS WITH STABILIZED MHC MOLECULES FOR IMMUNE-CELL MANIPULATION**
[54] **MATRICES COMPRENANT DES MOLECULES DU CMH STABILISEES DESTINEES A LA MANIPULATION DE CELLULES IMMUNITAIRES**
[72] HADRUP, SINE REKER, DK
[72] JAKOBSEN, SOREN NYBOE, DK
[72] SAINI, SUNIL KUMAR, DK
[71] DANMARKS TEKNISKE UNIVERSITET, DK
[85] 2020-11-17
[86] 2019-06-19 (PCT/EP2019/066286)
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[54] **EXPANSION AND DIFFERENTIATION OF NEURONAL PRECURSOR CELLS**
[54] **EXPANSION ET DIFFERENCIATION DE CELLULES PRECURSEURS NEURONALES**
[72] VALENZUELA, MICHAEL, AU
[72] DUNCAN, TOM, AU
[72] TRUONG, AN, AU
[71] SKIN2NEURON PTY LTD, AU
[85] 2020-11-17
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[54] **TEST BOTTLE PROTOCOL METHOD**
[54] **PROCEDE DE PROTOCOLE DE BOUTEILLES A TESTER**
[72] HEUFT, BERNHARD, DE
[72] KASDORF, OLGA, DE
[71] HEUFT SYSTEMTECHNIK GMBH, DE
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[25] EN
[54] **CLEANING ADAPTER WITH AND WITHOUT SAFETY TAG**
[54] **ADAPTATEUR DE NETTOYAGE AVEC ET SANS ETIQUETTE DE SECURITE**
[72] HERNANDEZ, CESAR E., US
[72] MILLER, JOHN WAYNE, US
[72] BENDELE, TRAVIS, US
[72] RONAN, JOSHUA LEE, US
[72] HIJAZI, HEBA, US
[72] GARRETT, ROGER, US
[72] LAGOW, ROBERT, US
[71] MEDIVATORS INC., US
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[86] 2019-05-06 (PCT/US2019/030888)
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[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR ANALYSIS OF GEOLOGICAL SAMPLES**
[54] **SYSTEMES, DISPOSITIFS, ET PROCEDES DESTINES A L'ANALYSE D'ECHANTILLONS GEOLOGIQUES**
[72] SEGAL, YANNAI Z. R., CA
[72] SANDEN, GRANT I., CA
[71] ENERSOFT INC., CA
[85] 2020-11-17
[86] 2019-05-17 (PCT/CA2019/000072)
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[54] **GENETIC CONSTRUCT**
[54] **CONSTRUCTION GENETIQUE**
[72] MCDONALD, MICHAEL, GB
[71] MCDONALD, MICHAEL, GB
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[25] EN
[54] **EFFICIENT METHODS AND COMPOSITIONS FOR RECOVERY OF PRODUCTS FROM ORGANIC ACID PRETREATMENT OF PLANT MATERIALS**
[54] **PROCEDES ET COMPOSITIONS EFFICACES POUR LA RECUPERATION DE PRODUITS DERIVES D'UN PRETRAITEMENT A L'ACIDE ORGANIQUE DE MATIERES VEGETALES**
[72] LING, FENG, CN
[71] PIERSON CAPITAL ENVIRONMENTAL (BEIJING) LIMITED, CN
[85] 2020-11-17
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[25] EN
[54] **A SYSTEM FOR ON-LINE MEASURING THE THICKNESS OF A CONTINUOUS CASTING BILLET AND ADJUSTING A ROLLING REDCTION AMOUNT**
[54] **SYSTEME EN LIGNE POUR MESURER L'EPAISSEUR ET REGLER LA QUANTITE DE REDUCTION PAR LAMINAGE D'UNE BRAME DE COULEE CONTINUE**
[72] LIU, JIGANG, CN
[72] CHEN, YUHUI, CN
[72] XU, GUOQING, CN
[72] SONG, YANCHENG, CN
[72] ZHANG, WEIWEI, CN
[72] LI, ZHONGPING, CN
[71] JIANGYIN XINGCHENG SPECIAL STEEL WORKS CO., LTD, CN
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[54] **AUXILIARY SURGICAL FIELD VISUALIZATION SYSTEM**
[54] **SYSTEME DE VISUALISATION DE CHAMP CHIRURGICAL AUXILIAIRE**
[72] ABT, NIELS ALEXANDER, CH
[71] ALCON INC., CH
[85] 2020-11-17
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[25] EN
[54] **WATER OUTLET VALVE STRUCTURE AND HUMIDIFIER HAVING SAME**
[54] **STRUCTURE DE VANNE DE SORTIE D'EAU ET HUMIDIFICATEUR LA COMPORTANT**
[72] HUANG, ZHONGPING, CN
[72] ZHANG, YIHONG, CN
[72] LIN, ZHENHUA, CN
[72] CHEN, ZHICONG, CN
[72] LIANG, GANG, CN
[72] BAI, JIANDONG, CN
[72] XU, YULIANG, CN
[72] ZHANG, JIANHUA, CN
[71] GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, CN
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[30] CN (201810978815.5) 2018-08-27
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[54] **POLYCRYSTALLINE DIAMOND CUTTER ELEMENT AND EARTH BORING TOOL**
[54] **ELEMENT DE COUPE EN DIAMANT POLYCRISTALLIN ET OUTIL DE FORAGE DE TERRAIN**
[72] SPITS, RAYMOND ANTHONY, GB
[72] DOLAN, GERARD, US
[72] LOPEZ LOPEZ, EMILIO, GB
[72] JI, CHANGZHENG, GB
[72] LYONS, NICHOLAS J., US
[72] IZBINSKI, KONRAD, US
[71] ELEMENT SIX (UK) LIMITED, GB
[71] BAKER HUGHES HOLDINGS LLC, US
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[51] **Int.Cl. F16K 17/34 (2006.01) F16K 17/36 (2006.01) F17C 1/00 (2006.01) F17C 13/04 (2006.01) F17C 13/12 (2006.01)**
[25] EN
[54] **PRESSURIZED GAS VESSEL PORT ASSEMBLY**
[54] **ENSEMBLE ORIFICE DE RECIPIENT POUR GAZ SOUS PRESSION**
[72] BARNES, JIM, US
[71] BARNES, JIM, US
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[51] **Int.Cl. G01V 5/00 (2006.01) G01T 1/36 (2006.01)**
[25] EN
[54] **MULTIFACETED RADIATION DETECTION AND CLASSIFICATION SYSTEM**
[54] **SYSTEME DE DETECTION ET DE CLASSIFICATION DE RAYONNEMENT MULTIFACETTE**
[72] LABOV, SIMON E., US
[72] NELSON, KARL E., US
[72] SEILHAN, BANDON S., US
[71] LAWRENCE LIVERMORE NATIONAL SECURITY, LLC, US
[85] 2020-11-16
[86] 2019-05-20 (PCT/US2019/033159)
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[25] EN
[54] **METHOD FOR DETERMINING THE GENDER OF A CHICKEN EMBRYO**
[54] **PROCEDE DE DETERMINATION DU SEXE D'UN EMBRYON DE POULET**
[72] METER, TJITZE, NL
[71] SELEGGT GMBH, DE
[85] 2020-11-17
[86] 2019-05-28 (PCT/EP2019/063870)
[87] (WO2019/229084)
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[54] **STRUCTURE ET VEHICULE COMPRENANT UNE STRUCTURE**
[72] KONIG, MARC, DE
[71] KONIG, MARC, DE
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[25] FR
[54] **EXTRACT AND DERMATOLOGICAL COMPOSITION COMPRISING SAME, FOR TREATING SENSITIVE SKIN**
[54] **EXTRAIT ET COMPOSITION DERMATOLOGIQUE LE COMPRENANT POUR LE TRAITEMENT DES PEAUX SENSIBLES**
[72] CASTEX-RIZZI, NATHALIE, FR
[72] CHOL, BERTRAND, FR
[72] LESTIENNE, FABRICE, FR
[71] PIERRE FABRE DERMO-COSMETIQUE, FR
[85] 2020-11-17
[86] 2019-05-31 (PCT/EP2019/064211)
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[54] **COMPUTING SYSTEM PROVIDING ENHANCED POINT OF PRESENCE (POP) SERVER SELECTION BASED UPON NETWORK HEALTH METRICS AND RELATED METHODS**
[54] **SYSTEME INFORMATIQUE FOURNISSANT UNE SELECTION DE SERVEUR DE POINT DE PRESENCE (POP) AMELIOREE SUR LA BASE DE MESURES DE SANTE DE RESEAU ET PROCEDES ASSOCIES**
[72] SRIVATSAN, KARTHICK, IN
[72] MURGIA, MARCO, US
[72] RAMAIAH, CHAITRA MARALIGA, IN
[71] CITRIX SYSTEMS, INC., US
[85] 2020-11-16
[86] 2019-05-21 (PCT/US2019/033203)
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[54] **SUPPORT FOR A CAMERA ON A MOTOR VEHICLE**
[54] **SUPPORT POUR CAMERA SUR UN VEHICULE AUTOMOBILE**
[72] GRUNIG, THOMAS, DE
[72] WEHL, SEBASTIAN, DE
[71] CONTINENTAL AUTOMOTIVE GMBH, DE
[85] 2020-11-17
[86] 2019-06-07 (PCT/EP2019/064913)
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[30] DE (10 2018 209 288.5) 2018-06-11

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[25] EN
[54] **ADAPTER BOARD WITH PRY POINTS**
[54] **PANNEAU ADAPTATEUR A EMPLACEMENTS POUR LEVIER**
[72] PARZYNSKI, DAVID B., JR., US
[72] CONGDON, THOMAS M., US
[71] CATERPILLAR INC., US
[85] 2020-11-16
[86] 2019-05-21 (PCT/US2019/033306)
[87] (WO2019/226646)
[30] US (15/989,508) 2018-05-25

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[51] **Int.Cl. C02F 1/28 (2006.01) B01J 20/04 (2006.01) B01J 20/28 (2006.01) B01J 20/30 (2006.01) B01J 20/32 (2006.01)**
[25] EN
[54] **PARTICULATE MINERAL MATERIALS FUNCTIONALIZED WITH REDUCING AGENTS FOR LOWERING THE AMOUNT OF HEAVY METAL CONTAMINANTS FROM AN AQUEOUS MEDIUM**
[54] **MATIERES MINERALES PARTICULAIRES FONCTIONNALISEES AVEC DES AGENTS REDUCTEURS POUR ABAISSER LA QUANTITE DE CONTAMINANTS DE METAUX LOURDS D'UN MILIEU AQUEUX**
[72] KELLER, TOBIAS, CH
[72] FTOUNI, JAMAL, CH
[72] RENTSCH, SAMUEL, CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2020-11-17
[86] 2019-07-23 (PCT/EP2019/069774)
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[51] **Int.Cl. B24B 27/00 (2006.01) B23C 3/00 (2006.01) B24B 9/04 (2006.01) B24B 49/12 (2006.01)**
[25] EN
[54] **FACETING METHOD AND DEVICE FOR SUCH A METHOD**
[54] **PROCEDE DE FACETTAGE ET DISPOSITIF POUR UN TEL PROCEDE**
[72] SCHILLER, HUBERT, DE
[72] BURGER, GUNTER, DE
[71] MACK RIDES GMBH & CO. KG, DE
[85] 2020-11-17
[86] 2019-05-09 (PCT/EP2019/061985)
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[30] DE (10 2018 113 122.4) 2018-06-01

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[25] EN
[54] **TRANSPARENT STRUCTURE WITH ELECTRICALLY CONDUCTIVE ELEMENTS**
[54] **STRUCTURE TRANSPARENTE AYANT DES ELEMENTS ELECTROCONDUCTEURS**
[72] LIDDLE, RICHARD, GB
[71] LIDDLE, RICHARD, GB
[85] 2020-11-17
[86] 2018-06-19 (PCT/GB2018/051693)
[87] (WO2018/234777)
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[25] EN
[54] **DISTRIBUTED OPTICAL FIBRE VIBRATION SENSOR**
[54] **CAPTEUR DE VIBRATIONS A FIBRE OPTIQUE DISTRIBUEE**
[72] HANDEREK, VINCENT, GB
[71] FOTECH SOLUTIONS LIMITED, GB
[85] 2020-11-17
[86] 2019-04-05 (PCT/GB2019/051012)
[87] (WO2019/224511)
[30] GB (1808366.7) 2018-05-22

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[51] **Int.Cl. H03F 3/45 (2006.01) H03F 3/195 (2006.01) H03F 3/213 (2006.01)**
[25] EN
[54] **WIDEBAND DISTRIBUTED DIFFERENTIAL POWER AMPLIFIER UTILIZING METAMATERIAL TRANSMISSION LINE CONCEPTION WITH IMPEDANCE TRANSFORMATION**
[54] **AMPLIFICATEUR DE PUISSANCE DIFFERENTIEL DISTRIBUE A LARGE BANDE UTILISANT UNE CONCEPTION DE LIGNE DE TRANSMISSION EN METAMATERIAU AVEC TRANSFORMATION D'IMPEDANCE**
[72] KUO, CHE-CHUN, US
[72] CHI, TAIYUN, US
[72] CHEN, THOMAS, US
[71] SWIFTLINK TECHNOLOGIES INC., CA
[85] 2020-11-16
[86] 2019-05-21 (PCT/US2019/033384)
[87] (WO2019/226694)
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[51] **Int.Cl. C12Q 1/6869 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ANALYSIS OF ALTERNATIVE SPLICING**
[54] **SYSTEMES ET PROCEDES D'ANALYSE D'EPISSAGE ALTERNATIF**
[72] AKERMAN, MARTIN, US
[72] PINEDA, MARIA LUISA, US
[71] ENVISAGENICS, INC., US
[85] 2020-11-16
[86] 2019-05-22 (PCT/US2019/033574)
[87] (WO2019/226804)
[30] US (62/675,590) 2018-05-23

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[54] **ANTI-MUC1 ANTIBODY-DRUG CONJUGATE**
[54] **CONJUGUE ANTICORPS-MEDICAMENT ANTI-MUC1**
[72] GELLERT, JOHANNA, DE
[72] FLECHNER, ANKE, DE
[72] WEIGELT, DOREEN, DE
[72] DANIELCZYK, ANTJE, DE
[72] NAGASE, AKIKO, JP
[71] DAIICHI SANKYO CO., LTD., JP
[85] 2020-11-17
[86] 2019-05-17 (PCT/EP2019/062758)
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[30] EP (18173253.8) 2018-05-18

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[25] EN
[54] **WELLBORE CLEAN-OUT TOOL**
[54] **OUTIL DE NETTOYAGE DE PUITS DE FORAGE**
[72] JONES, KEVIN DEWAYNE, US
[71] TENAX ENERGY SOLUTIONS, LLC, US
[71] JONES, KEVIN DEWAYNE, US
[85] 2020-11-16
[86] 2019-05-23 (PCT/US2019/033676)
[87] (WO2019/226857)
[30] US (62/675,806) 2018-05-24

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[51] **Int.Cl. C12N 9/20 (2006.01) A23L 33/00 (2016.01) A23D 9/00 (2006.01) C11C 1/00 (2006.01) C11C 1/04 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **MUTANT LIPASE AND USE THEREOF**
[54] **LIPASE MUTANTE ET UTILISATION ASSOCIEE**
[72] DE JONG, RENE MARCEL, NL
[72] BIJLEVELD, WILLEM, NL
[72] MUGFORD, PAUL FREDERICK, NL
[71] DSM IP ASSETS B.V., NL
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[54] **LIPASE MUTANTE ET UTILISATION DE CETTE DERNIERE**
[72] DE JONG, RENE MARCEL, NL
[72] BIJLEVELD, WILLEM, NL
[72] MUGFORD, PAUL FREDERICK, NL
[71] DSM IP ASSETS B.V., NL
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[54] **METHODS AND APPARATUS TO IDENTIFY MEDIA BASED ON WATERMARKS ACROSS DIFFERENT AUDIO STREAMS AND/OR DIFFERENT WATERMARKING TECHNIQUES**
[54] **PROCEDES ET APPAREIL PERMETTANT D'IDENTIFIER DES SUPPORTS D'APRES DES FILIGRANES A TRAVERS DIFFERENTS FLUX AUDIO ET/OU DIFFERENTES TECHNIQUES DE FILIGRANAGE**
[72] FAHNESTOCK, JUSTIN, US
[72] HEFFERNAN, RONAN, US
[72] AMIR, MUHAMMAD, US
[72] KERCHER, WES, US
[72] BARRACLOUGH, SCOTT, US
[72] KISTENMACHER, JOHN, US
[71] THE NIELSEN COMPANY (US), LLC, US
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[54] **WIRELESS OBSTRUCTION BEACON**
[54] **BALISE D'OBSTRUCTION SANS FIL**
[72] SCHMIDT, KELD, DK
[71] DIALIGHT CORPORATION, US
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[54] **PATIENT LIFT DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE LEVAGE DE PATIENT**
[72] ROBLIN, FRANCOIS, SE
[72] ABBASI, HABIB, CA
[72] PABBI, AKASH, CA
[72] MORBI, ALIASGAR, CA
[72] BERANEK, RICHARD, CA
[72] THAKAR, ROHAN, CA
[72] NIKUMBH, SAHIL, CA
[71] HANDICARE CANADA LTD., CA
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[54] **SYSTEMS AND METHODS FOR STUCK DRILL STRING MITIGATION**
[54] **SYSTEMES ET PROCEDES D'ATTENUATION DU BLOCAGE D'UN TRAIN DE TIGES DE FORAGE**
[72] MACHOCKI, KRZYSZTOF KAROL, GB
[72] AFFLECK, MICHAEL ANTHONY, GB
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-11-16
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[54] **DISCHARGE CHAMBERS AND IONIZATION DEVICES, METHODS AND SYSTEMS USING THEM**
[54] **CHAMBRES DE DECHARGE ET DISPOSITIFS D'IONISATION, PROCEDES ET SYSTEMES LES UTILISANT**
[72] SARRAFZADEH, MEHRNAZ, US
[72] JAVAHERY, GHOLAMREZA, US
[72] JOLLIFFE, CHARLES, US
[72] COUSINS, LISA, US
[71] PERKINELMER HEALTH SCIENCES CANADA, INC., CA
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[25] EN
[54] **SYSTEMS AND METHODS FOR PREDICTING SHEAR FAILURE OF A ROCK FORMATION**
[54] **SYSTEMES ET PROCEDES DE PREDICTION DE DEFAILLANCE DE CISAILLEMENT D'UNE FORMATION ROCHEUSE**
[72] LIU, CHAO, US
[72] ABOUSLEIMAN, YOUNANE N., US
[72] LIU, HUI-HAI, US
[72] HAN, YANHUI, US
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **ANTI-SIGLEC-7 ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-SIGLEC-7 ET LEURS METHODES D'UTILISATION**
[72] CULP, PATRICIA, US
[72] LEE, SEUNG-JOO, US
[72] LAM, HELEN, US
[72] HO, WEI-HSIEN, US
[72] ROSENTHAL, ARNON, US
[71] ALECTOR LLC, US
[85] 2020-11-16
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[51] **Int.Cl. H01J 27/26 (2006.01) H01J 49/16 (2006.01)**
[25] EN
[54] **IONIZATION SOURCES AND SYSTEMS AND METHODS USING THEM**
[54] **SOURCES D'IONISATION ET SYSTEMES ET PROCEDES LES UTILISANT**
[72] KORNILOVA, ANNA, US
[72] JAVAHERY, GHOLAMREZA, US
[72] COUSINS, LISA, US
[71] PERKINELMER HEALTH SCIENCES CANADA, INC., CA
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[54] **POLYURETHANE RESIN, PAINT, STRUCTURE, AND ARTICLE**
[54] **RESINE DE POLYURETHANE, PEINTURE, STRUCTURE ET ARTICLE**
[72] NAMURA, MIKIYOSHI, JP
[72] INOU, RYOUHEI, JP
[72] FUKUI, KATSUYUKI, JP
[72] SASAKI, KAZUYA, JP
[71] DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD., JP
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[51] **Int.Cl. H04W 8/02 (2009.01) H04W 8/18 (2009.01)**
[25] EN
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[54] **GESTION DE MISES A JOUR DE CONFIGURATION DE VPLMN DANS L'UE DUES A DES MODIFICATIONS DE CONFIGURATION DE PLMN DOMESTIQUE**
[72] CASATI, ALESSIO, FI
[71] NOKIA TECHNOLOGIES OY, FI
[85] 2020-11-17
[86] 2019-05-21 (PCT/IB2019/054205)
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[51] **Int.Cl. E04F 15/02 (2006.01)**
[25] EN
[54] **METHOD FOR COMPOSING A SET OF FLOOR PANELS**
[54] **PROCEDE DE COMPOSITION D'UN ENSEMBLE DE PANNEAUX DE SOL**
[72] LOZIE, KLAUS, BE
[71] UNILIN BV, BE
[85] 2020-11-17
[86] 2019-05-24 (PCT/IB2019/054338)
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[54] **COMBINATIONS COMPRISING TROPIFEXOR AND CENICRIVIROC**
[54] **COMBINAISONS COMPRENANT DU TROPIFEXOR ET DU CENICRIVIROC**
[72] GU, JESSIE, US
[72] PEDROSA, MARCOS, CH
[72] STRINGER, ROWAN, CH
[71] NOVARTIS AG, CH
[85] 2020-11-17
[86] 2019-05-28 (PCT/IB2019/054398)
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[25] EN
[54] **USE OF A BALL CHECK VALVE ON AN OUTLET OF AN AUTONOMOUS INFLOW CONTROL DEVICE**
[54] **UTILISATION D'UN CLAPET ANTI-RETOUR A BILLE SUR UN ORIFICE DE SORTIE D'UN DISPOSITIF DE REGULATION DE DEBIT ENTRANT AUTONOME**
[72] ZACHARIAH, JACOB, SG
[72] CHAY, PING CHEW, SA
[72] GRECI, STEPHEN MICHAEL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2020-11-17
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[51] **Int.Cl. E21B 29/02 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **DEGRADABLE WINDOW FOR MULTILATERAL JUNCTION**
[54] **FENETRE DEGRADABLE POUR JONCTION MULTILATERALE**
[72] FRIPP, MICHAEL LINLEY, US
[72] GLASER, MARK C., US
[72] ORNELAZ, RICHARD DECENA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. G06T 7/593 (2017.01) G06T 7/30 (2017.01) G06T 7/00 (2017.01)**
[25] EN
[54] **SELF-SUPERVISED TRAINING OF A DEPTH ESTIMATION SYSTEM**
[54] **FORMATION AUTO-SUPERVISE D'UN SYSTEME D'ESTIMATION DE PROFONDEUR**
[72] FIRMAN, MICHAEL, US
[72] GODARD, CLEMENT, US
[72] MAC AODHA, OISIN, US
[72] BROSTOW, GABRIEL J., US
[71] NIANTIC, INC., US
[85] 2020-11-17
[86] 2019-05-16 (PCT/US2019/032616)
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[51] **Int.Cl. G06T 7/00 (2017.01) G06K 9/00 (2006.01)**
[25] EN
[54] **MULTI-SAMPLE WHOLE SLIDE IMAGE PROCESSING IN DIGITAL PATHOLOGY VIA MULTI-RESOLUTION REGISTRATION AND MACHINE LEARNING**
[54] **TRAITEMENT D'IMAGES PLEIN CHAMP MULTI-ECHANTILLON DANS UNE PATHOLOGIE NUMERIQUE PAR ENREGISTREMENT MULTI-RESOLUTION ET APPRENTISSAGE AUTOMATIQUE**
[72] WIRCH, ERIC W., US
[72] ANDRYUSHKIN, ALEXANDER, US
[72] WINGARD, RICHARD, Y.II, US
[72] LEE, NIGEL, US
[72] SCOURTAS, ARISTANA OLIVIA, US
[72] WILBUR, DAVID C., US
[71] CORISTA, LLC, US
[85] 2020-11-17
[86] 2019-04-24 (PCT/US2019/029006)
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[51] **Int.Cl. B61L 5/02 (2006.01) B61L 5/00 (2006.01) B61L 5/06 (2006.01) B61L 9/00 (2006.01) B61L 23/00 (2006.01) B61L 23/04 (2006.01) B61L 5/10 (2006.01)**
[25] EN
[54] **NON-POWERED SHUNTING AND TRACK CIRCUIT DISCONNECT MECHANISM FOR RAILWAY SWITCH MACHINE, RAILWAY SWITCH MACHINE AND RAILWAY SWITCHING SYSTEM INCLUDING SAME**
[54] **MECANISME DE DEBRANCHEMENT DE CIRCUIT DE VOIE ET DE MAN□UVRE NON ALIMENTE POUR UNE MACHINE DE COMMUTATION DE VOIE FERREE, MACHINE DE COMMUTATION DE VOIE FERREE ET SYSTEME DE COMMUTATION DE VOIE FERREE LE COMPRENANT**
[72] BERKE, BRIAN C., US
[72] DURKAC, FRANK, US
[72] MOLTZ, WILLIAM J., US
[71] HITACHI RAIL STS USA, INC., US
[85] 2020-11-17
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[25] EN
[54] **SYSTEM AND METHOD FOR TRANSMITTING ELECTRONIC PLUMBING FIXTURE DATA AND HEALTH DATA TO A USER DEVICE FOR TRANSMISSION OVER A NETWORK**
[54] **SYSTEME ET PROCEDE POUR TRANSMETTRE DES DONNEES D'APPAREIL DE PLOMBERIE ELECTRONIQUE ET DES DONNEES DE SANTE A UN DISPOSITIF D'UTILISATEUR POUR UNE TRANSMISSION SUR UN RESEAU**
[72] AMIN, PARTHIV, US
[72] ZOSIMADIS, PANAGIOTIS, CA
[71] SLOAN VALVE COMPANY, US
[85] 2020-11-17
[86] 2019-05-17 (PCT/US2019/032891)
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[30] US (62/672,839) 2018-05-17

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[51] **Int.Cl. G06F 21/44 (2013.01) H04L 9/08 (2006.01) H04L 29/06 (2006.01) G06F 21/64 (2013.01) H04L 9/32 (2006.01)**
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[54] **IDENTITY MANAGEMENT FOR SOFTWARE COMPONENTS THROUGH DYNAMIC CERTIFICATE REQUESTED BASED ON A ONE-TIME CERTIFICATE**
[54] **GESTION D'IDENTITE POUR COMPOSANTS LOGICIELS PAR L'INTERMEDIAIRE D'UN CERTIFICAT DYNAMIQUE DEMANDE SUR LA BASE D'UN CERTIFICAT UNIQUE**
[72] CHMARA, THOMAS P., CA
[72] KOOPS, LUCAS J., CA
[72] FERGUSON, JON, CA
[71] ENTRUST, INC., US
[85] 2020-11-17
[86] 2019-05-21 (PCT/US2019/033202)
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[51] **Int.Cl. G06Q 10/08 (2012.01)**
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[54] **METHOD OF TRACKING DONATED AND DISPOSED OF FOOD PRODUCT ITEMS**
[54] **PROCEDE DE SUIVI D'ARTICLES ALIMENTAIRES DONNES ET ELIMINES**
[72] DUCKETT, JEANNE, US
[72] CARRION, TXUS, US
[72] PORTER, LORI, US
[72] SCHABERL, MICHAEL, US
[72] DAUM, SUSAN, US
[71] AVERY DENNISON RETAIL INFORMATION SERVICES, LLC, US
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[51] **Int.Cl. G11B 20/10 (2006.01) H04W 4/80 (2018.01) G11B 27/34 (2006.01) H04N 5/77 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING AND REPORTING RECORDING STATUS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE DETECTER ET DE RAPPORTER UN ETAT D'ENREGISTREMENT**
[72] MACDONALD, DAVID, US
[71] AXON ENTERPRISE, INC., US
[85] 2020-11-17
[86] 2018-06-08 (PCT/US2018/036725)
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[51] **Int.Cl. G01N 15/08 (2006.01) C09K 8/512 (2006.01) G01N 33/24 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING GELATION TIME IN A CORE PLUG**
[54] **PROCEDE DE DETERMINATION DU TEMPS DE GELIFICATION DANS UN BOUCHON CENTRAL**
[72] AL-SOFI, ABDULKAREEM M., SA
[72] WANG, JINXUN, SA
[72] AL HASHIM, HASSAN W., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[86] 2018-07-10 (PCT/US2018/041359)
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[51] **Int.Cl. E21B 43/04 (2006.01) E21B 43/08 (2006.01) E21B 43/10 (2006.01)**
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[54] **DEGRADABLE METAL BODY FOR SEALING OF SHUNT TUBES**
[54] **CORPS METALLIQUE DEGRADABLE POUR ASSURER L'ETANCHEITE DE TUBES DE DERIVATION**
[72] FRIPP, MICHAEL LINLEY, US
[72] GRECI, STEPHEN MICHAEL, US
[72] DAGENAIS, PETE CLEMENT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2020-11-17
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[51] **Int.Cl. H01M 10/39 (2006.01) H01M 10/613 (2014.01) H01M 4/04 (2006.01)**
[25] EN
[54] **MOLTEN FLUID APPARATUS WITH SOLID NON-BRITTLE ELECTROLYTE**
[54] **APPAREIL A FLUIDE FONDU A ELECTROLYTE SOLIDE NON CASSANT**
[72] VISSERS, DANIEL R., US
[71] VISSERS BATTERY CORPORATION, US
[85] 2020-11-17
[86] 2019-04-12 (PCT/US2019/027344)
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[30] US (15/982,475) 2018-05-17

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[51] **Int.Cl. H01M 10/39 (2006.01) H01M 10/613 (2014.01) H01M 4/04 (2006.01)**
[25] EN
[54] **MOLTEN FLUID ELECTRODE APPARATUS WITH SOLID LITHIUM IODIDE ELECTROLYTE HAVING IMPROVED LITHIUM ION TRANSPORT CHARACTERISTICS**
[54] **APPAREIL A ELECTRODE A FLUIDE FONDU A ELECTROLYTE SOLIDE A BASE D'IODURE DE LITHIUM AYANT DES CARACTERISTIQUES AMELIOREES DE TRANSPORT D'IONS LITHIUM**
[72] VISSERS, DANIEL R., US
[72] BRAUN, PAUL V., US
[71] VISSERS BATTERY CORPORATION, US
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[86] 2019-04-12 (PCT/US2019/027351)
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[51] **Int.Cl. H01M 10/39 (2006.01) H01M 10/613 (2014.01) H01M 4/04 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS, AND METHODS TO MITIGATE THERMAL RUNAWAY CONDITIONS IN MOLTEN FLUID ELECTRODE APPARATUS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'ATTENUATION DES CONDITIONS D'EMBALLEMENT THERMIQUE DANS UN APPAREIL D'ELECTRODE FLUIDE FONDUE**
[72] TENORIO, MANOEL, BR
[72] VISSERS, DANIEL R., US
[71] VISSERS BATTERY CORPORATION, US
[85] 2020-11-17
[86] 2019-04-12 (PCT/US2019/027356)
[87] (WO2019/221860)
[30] US (15/982,494) 2018-05-17

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[51] **Int.Cl. H01M 10/39 (2006.01) H01M 10/613 (2014.01) H01M 4/04 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS, AND METHODS FOR MOLTEN FLUID ELECTRODE APPARATUS MANAGEMENT**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE GESTION D'APPAREIL D'ELECTRODE A FLUIDE FONDU**
[72] VISSERS, DANIEL R., US
[72] TENORIO, MANOEL, BR
[71] VISSERS BATTERY CORPORATION, US
[85] 2020-11-17
[86] 2019-04-12 (PCT/US2019/027359)
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[30] US (15/982,497) 2018-05-17

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[51] **Int.Cl. G01S 5/02 (2010.01) H04W 64/00 (2009.01) H04B 17/318 (2015.01) G01S 11/06 (2006.01)**
[25] EN
[54] **METHOD FOR COMMISSIONING SYSTEM FOR DOOR IDENTIFICATION USING LOCATION FINGERPRINTING**
[54] **PROCEDE DE MISE EN SERVICE D'UN SYSTEME D'IDENTIFICATION DE PORTES A L'AIDE D'EMPREINTES DIGITALES DE LOCALISATION**
[72] TIWARI, ANKIT, US
[72] SRIVASTAVA, KUNAL, US
[72] FERNANDEZ-ORELLANA, PEDRO, CN
[72] NOVOZHENETS, YURI, US
[71] CARRIER CORPORATION, US
[85] 2020-11-17
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[25] EN
[54] **ROLLING SUBFRAME PULSED BIAS MICROBOLOMETER INTEGRATION**
[54] **INTEGRATION DE MICROBOLOMETRE A POLARISATION PULSEE DE SOUS-TRAME DE ROULEMENT**
[72] HAIRSTON, ALLEN W., US
[72] LACROIX, DANIEL P., US
[71] BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC., US
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[54] **IMPROVED LENS FOR A NOTIFICATION STROBE**
[54] **LENTILLE AMELIOREE DE STROBOSCOPE DE NOTIFICATION**
[72] ROBOTHAM, MARTIN PAUL, US
[72] GREENWOOD, THOMAS, US
[71] CARRIER CORPORATION, US
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[25] EN
[54] **METHOD AND SYSTEM FOR LEAD BUDGET ALLOCATION AND OPTIMIZATION ON A MULTI-CHANNEL MULTI-MEDIA CAMPAIGN MANAGEMENT AND PAYMENT PLATFORM**
[54] **PROCEDE ET SYSTEME D'ATTRIBUTION ET D'OPTIMISATION DE BUDGETS PAR PROSPECT SUR UNE PLATEFORME DE GESTION ET DE PAIEMENT DE CAMPAGNE MULTIMEDIA MULTICANAL**
[72] PETERSON, STEPHANIE, US
[72] YOGEV, OR, US
[71] DEXYP, US
[85] 2020-11-17
[86] 2019-05-09 (PCT/US2019/031563)
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[25] EN
[54] **SYSTEM FOR CONTROLLABLY ESTABLISHING ADHESION OR FRICTION WITH AN EXTERNAL BODY**
[54] **SYSTEME PERMETTANT D'ETABLIR DE MANIERE CONTROLEE UNE ADHERENCE OU UN FROTTEMENT AVEC UN CORPS EXTERNE**
[72] HATTON, BENJAMIN DAVID, CA
[72] LAQUA, KURTIS ALLAN, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2020-11-17
[86] 2020-04-22 (PCT/CA2020/050532)
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[25] EN
[54] **HEPARIN-BINDING DOMAIN OF IGFBP-2 IN THE TREATMENT OF METABOLIC DISORDERS**
[54] **DOMAINE DE LIAISON A L'HEPARINE D'IGFBP-2 DANS LE TRAITEMENT DE TROUBLES METABOLIQUES**
[72] CLEMMONS, DAVID, US
[72] DELALE, THOMAS, FR
[72] MILANO, STEPHANE, FR
[72] ABRIBAT, THIERRY, FR
[71] AMOLYT PHARMA, FR
[85] 2020-11-17
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[25] FR
[54] **BIOCELL WITH FUEL RESERVOIR**
[54] **BIOPILE A RESERVOIR DE COMBUSTIBLE**
[72] LE GOFF, ALAN, FR
[72] NEDELLEC, YANNIG, FR
[72] ABREU, CAROLINE, FR
[72] COSNIER, SERGE, FR
[72] HOLZINGER, MICHAEL, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE GRENOBLE ALPES, FR
[71] ECOLE CENTRALE DE LYON, FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[85] 2020-11-17
[86] 2019-05-31 (PCT/IB2019/054544)
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[54] **AUTOMATIC LOCKING MECHANISM AND CLAMPING DEVICES WITH AUTOMATIC LOCKING MECHANISM**
[54] **MECANISME DE VERROUILLAGE AUTOMATIQUE ET DISPOSITIFS DE SERRAGE AVEC MECANISME DE VERROUILLAGE AUTOMATIQUE**
[72] NGUYEN, NHON HOA, AU
[71] NGUYEN, NHON HOA, AU
[85] 2020-11-17
[86] 2019-06-30 (PCT/IB2019/055540)
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[54] **SELF DRILLING BOLT AND NUT**
[54] **BOULON AUTOFOREUR ET ECROU**
[72] CHEN, AMI, IL
[71] CHEN, AMI, IL
[85] 2020-11-17
[86] 2019-03-29 (PCT/IL2019/050371)
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[25] EN
[54] **CANCER VACCINE**
[54] **VACCIN CONTRE LE CANCER**
[72] GODKIN, ANDREW, GB
[72] GALLIMORE, AWEN, GB
[72] SCURR, MARTIN, GB
[71] UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED, GB
[85] 2020-11-11
[86] 2019-05-14 (PCT/GB2019/051309)
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[54] **BIOMARKERS FOR COLORECTAL CANCER**
[54] **BIOMARQUEURS POUR LE CANCER COLORECTAL**
[72] PROBERT, CHRIS, GB
[72] BOND, ASHLEY, GB
[72] GREENWOOD, ROSEMARY, GB
[71] THE UNIVERSITY OF LIVERPOOL, GB
[71] UNIVERSITY HOSPITALS BRISTOL NHS FOUNDATION TRUST, GB
[85] 2020-11-17
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[25] EN
[54] **MULTILAYERED ARTICLES**
[54] **ARTICLES MULTICOUCHES**
[72] AZERRAF, CLARITE, IL
[72] NEVO, YUVAL, IL
[72] LEIBLER, DAVID MICHAEL, IL
[72] BEN SHALOM, TAL, IL
[72] KULBAK, EINAV, IL
[72] NEVO, YANIV, IL
[71] MELODEA LTD., IL
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[54] **TIME-CONTROLLED VALVE WITH WARNING SYSTEM**
[54] **VANNE TEMPORISEE AVEC ALARME**
[72] TERRON GARCIA, PEDRO, ES
[72] GONZALO DE FRANCISCO, OSCAR, ES
[71] TERRON GARCIA, PEDRO, ES
[85] 2020-11-09
[86] 2019-05-09 (PCT/ES2019/070307)
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[25] EN
[54] **METHOD OF TREATING PAIN OR INTERSTITIAL CYSTITIS USING INDOLE COMPOUND**
[54] **PROCEDE DE TRAITEMENT DE LA DOULEUR OU DE LA CYSTITE INTERSTITIELLE A L'AIDE D'UN COMPOSE INDOLIQUE**
[72] UEDA, YOSHIFUMI, JP
[72] MATSUSHITA, MUTSUYOSHI, JP
[72] KITAGAWA, YOSHIHIRO, JP
[72] MATSUO, AKIRA, JP
[72] MAEKAWA, TATSUYA, JP
[72] TAKIGAWA, SOTARO, JP
[72] WATANABE, HIROMITSU, JP
[72] MIYAGAWA, NAOKI, JP
[72] HAMADA, YUJI, JP
[72] HONDO, TETSUYA, US
[71] JAPAN TABACCO INC., JP
[85] 2020-11-17
[86] 2019-05-24 (PCT/JP2019/021649)
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[30] JP (2018-100671) 2018-05-25
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[25] EN
[54] **DIFFRACTIVE LENSES FOR PRESBYOPIA TREATMENT**
[54] **LENTILLES DIFFRACTIVE DE TRAITEMENT CONTRE LA PRESBYTIE**
[72] WEEBER, HENDRIK A., NL
[72] ROSEN, ROBERT, NL
[71] AMO GRONINGEN B.V., NL
[85] 2020-11-12
[86] 2019-12-04 (PCT/EP2019/083615)
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[25] EN
[54] **CLOUD-ENABLED VEHICLE AUTOSTART MONITORING**
[54] **SURVEILLANCE DE DEMARRAGE AUTOMATIQUE DE VEHICULE EN NUAGE**
[72] CRAWFORD, LAURA, US
[72] HOPKINS, GARTH WESLEY, US
[72] KHAMHARN, ODDY, US
[72] LUKAS, EDWARD JAMES, US
[72] STRUCKMEYER, ERICH, US
[72] TRAINOR, JAMES, US
[71] THE CHAMBERLAIN GROUP, INC., US
[85] 2020-11-17
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[54] **WATER-CONTAINING FOAM-CONTAINING CHOCOLATE**
[54] **CHOCOLAT CONTENANT DE LA MOUSSE ET DE L'EAU**
[72] TAKAMATSU, HIROYUKI, JP
[72] ICHIMASA, YOKO, JP
[72] ANDO, SHOKO, JP
[72] ABE, ETSUMI, JP
[71] LOTTE CO., LTD., JP
[85] 2020-11-17
[86] 2019-04-24 (PCT/JP2019/017359)
[87] (WO2019/220893)
[30] JP (2018-096461) 2018-05-18

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[25] EN
[54] **FLUTICASONE FUROATE NASAL PREPARATION COMPOSITION**
[54] **COMPOSITION DE PREPARATION NASALE DE FUROATE DE FLUTICASONE**
[72] KAMISHITA, TAIZOU, JP
[72] MIYAZAKI, TAKASHI, JP
[71] TOKO YAKUHIN KOGYO CO., LTD., JP
[85] 2020-11-17
[86] 2019-06-07 (PCT/JP2019/022743)
[87] (WO2019/235616)
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[51] **Int.Cl. A61K 31/495 (2006.01) A61P 29/00 (2006.01) A61P 43/00 (2006.01)**
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[54] **AMELIORATIVE AGENT FOR CYTOKINE RELEASE SYNDROME AND SO ON**
[54] **AGENT POUR AMELIORER LE SYNDROME DE LIBERATION DE CYTOKINES, ETC.**
[72] WATANABE, YOSHIHIRO, JP
[72] TAHARA, YOSHIO, JP
[72] SUZUKI, KEISUKE, JP
[72] MIMURA, TAKAYUKI, JP
[72] OHMAE, SAORI, JP
[71] TORII PHARMACEUTICAL CO., LTD., JP
[85] 2020-11-17
[86] 2019-11-29 (PCT/JP2019/046689)
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[30] JP (2018-223377) 2018-11-29
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[51] **Int.Cl. A47K 3/40 (2006.01) A47K 3/28 (2006.01) E03F 5/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A SHOWER BASE ASSEMBLY COMPATIBLE WITH RESIDENTIAL AND COMMERCIAL CONSTRUCTION**
[54] **SYSTEMES ET PROCEDES POUR ENSEMBLE DE BASE DE DOUCHE COMPATIBLE AVEC UNE CONSTRUCTION RESIDENTIELLE ET COMMERCIALE**
[72] DROESSLER, ADAM MICHAEL, US
[71] DROESSLER, ADAM MICHAEL, US
[85] 2020-11-17
[86] 2019-05-21 (PCT/US2019/033386)
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[30] US (62/676,918) 2018-05-26
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[54] **POWER TRANSFER SYSTEM**
[54] **SYSTEME DE TRANSFERT D'ENERGIE**
[72] MASOUD, NEDA, US
[72] AVESTRUZ, AL-THADDEUS, US
[72] OKWUDIRE, CHINEDUM E., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2020-11-17
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[25] EN
[54] **WIDE-BAND 360 DEGREE PHASE SHIFTER UTILIZING RIGHT-HAND AND LEFT-HAND TRANSMISSION LINE SWITCHES FOR RF COMMUNICATIONS**
[54] **DEPHASEUR A 360 DEGRES A LARGE BANDE UTILISANT DES COMMUTATEURS DE LIGNE DE TRANSMISSION DROIT ET GAUCHE POUR COMMUNICATIONS RF**
[72] KUO, CHE-CHUN, US
[72] CHI, TAIYUN, US
[72] CHEN, THOMAS, US
[71] SWIFTLINK TECHNOLOGIES, INC., CA
[85] 2020-11-17
[86] 2019-05-21 (PCT/US2019/033390)
[87] (WO2019/226698)
[30] US (15/989,156) 2018-05-24

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[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/506 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **NOVEL PROCESSES FOR PREPARING A DIAMINOPYRIMIDINE DERIVATIVE OR ACID ADDITION SALT THEREOF**
[54] **NOUVEAUX PROCEDES DE PREPARATION D'UN DERIVE DE DIAMINOPYRIMIDINE OU D'UN SEL D'ADDITION D'ACIDE DE CELUI-CI**
[72] KHOO, JA-HEOUK, KR
[72] LEE, DOO-BYUNG, KR
[72] LEE, JUN-SUP, KR
[72] JU, HYUN, KR
[72] SHIN, WOO-SEOB, KR
[71] YUHAN CORPORATION, KR
[85] 2020-11-17
[86] 2019-05-16 (PCT/KR2019/005859)
[87] (WO2019/221522)
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[51] **Int.Cl. H01M 12/06 (2006.01) H01M 8/0273 (2016.01) H01M 8/0284 (2016.01) H01M 4/86 (2006.01) H01M 4/88 (2006.01)**
[25] EN
[54] **ELECTRODE ASSEMBLY AND METHOD FOR ITS PREPARATION**
[54] **ENSEMBLE D'ELECTRODES ET SON PROCEDE DE PREPARATION**
[72] MILER, YISRAEL, IL
[72] SHINA, ELAD, IL
[72] DANINO, AVIEL, IL
[72] KOBRIN, IRENA, IL
[72] FEINGOLD, OMRI, IL
[72] MELMAN, AVI, IL
[72] LANG, JOEL, IL
[71] OXYNERGY LTD., IL
[85] 2020-11-17
[86] 2019-06-06 (PCT/IL2019/050643)
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[30] US (62/681,098) 2018-06-06

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/16 (2006.01) A61K 31/00 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL FORMULATION OF ODEVIXIBAT**
[54] **FORMULATION PHARMACEUTIQUE A BASE D'ODEVIXIBAT**
[72] BYROD, EVA, SE
[72] GILLBERG, PER-GORAN, SE
[72] TIVERT, ANNA-MARIA, SE
[72] BRYLAND, RIKARD, SE
[72] DAHLQUIST, ANN-CHARLOTTE, SE
[72] ELVERSSON, JESSICA, SE
[72] GUSTAFSSON, NILS OVE, SE
[72] LUNDQVIST, ROBERT, SE
[72] YMEN, INGVAR, SE
[72] BOHLIN, MARTIN, SE
[71] ALBIREO AB, SE
[85] 2020-11-17
[86] 2019-06-20 (PCT/SE2019/050603)
[87] (WO2019/245449)
[30] SE (1850761-6) 2018-06-20
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[51] **Int.Cl. A01K 1/03 (2006.01) A01G 3/00 (2006.01) A01M 5/00 (2006.01) A01M 7/00 (2006.01) A01M 9/00 (2006.01) B05B 7/24 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DISTRIBUTING BENEFICIAL ARTHROPODS**
[54] **PROCEDE ET DISPOSITIF DE DISTRIBUTION D'ARTHROPODES UTILES**
[72] KRULL, RYAN, US
[72] MEGARGEL, ROSS, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2020-11-17
[86] 2019-06-14 (PCT/US2019/033461)
[87] (WO2019/245695)

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[51] **Int.Cl. F24F 3/147 (2006.01) A61L 9/16 (2006.01) F24F 3/16 (2006.01)**
[25] EN
[54] **TECHNIQUE FOR DENATURING OF SMALL ORGANIC ITEMS IN PREMISES**
[54] **TECHNIQUE DE DENATURATION DE PETITS ARTICLES ORGANIQUES DANS DES LOCAUX**
[72] NIDAM, OFER, IL
[71] DUSMIT LTD, IL
[85] 2020-11-17
[86] 2019-06-06 (PCT/IL2019/050648)
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[51] **Int.Cl. G06F 16/2455 (2019.01) G06F 16/22 (2019.01)**
[25] EN
[54] **A BITMAP FILTER, A METHOD OF GENERATING THE SAME, AND A METHOD OF USING A BITMAP FILTER TO PERFORM A JOIN**
[54] **FILTRE BITMAP, SON PROCEDE DE GENERATION, ET PROCEDE D'UTILISATION D'UN FILTRE BITMAP POUR EFFECTUER UNE JOINTURE**
[72] NOWAKIEWICZ, MICHAL, US
[72] HANSON, ERIC, US
[72] BOUTIN, ERIC, US
[71] SINGLESTORE, INC., US
[85] 2020-11-17
[86] 2019-05-22 (PCT/US2019/033523)
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[30] US (15/987,737) 2018-05-23

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[25] EN
[54] **CRYSTAL MODIFICATIONS OF ODEVIXIBAT**
[54] **MODIFICATIONS CRISTALLINES D'ODEVIXIBAT**
[72] LUNDQVIST, ROBERT, SE
[72] YMEN, INGVAR, SE
[72] BOHLIN, MARTIN, SE
[72] BYROD, EVA, SE
[72] GILLBERG, PER-GORAN, SE
[72] TIVERT, ANNA-MARIA, SE
[72] BRYLAND, RIKARD, SE
[72] DAHLQUIST, ANN-CHARLOTTE, SE
[72] ELVERSSON, JESSICA, SE
[72] GUSTAFSSON, NILS OVE, SE
[71] ALBIREO AB, SE
[85] 2020-11-17
[86] 2019-06-20 (PCT/SE2019/050602)
[87] (WO2019/245448)
[30] SE (1850761-6) 2018-06-20
[30] SE (1850762-4) 2018-06-20

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[51] **Int.Cl. A61M 5/168 (2006.01) A61M 5/142 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVING OPERATION OF INFUSION PUMPS**
[54] **SYSTEMES ET PROCEDES POUR AMELIORER LE FONCTIONNEMENT DE POMPES A PERFUSION**
[72] ADAMS, GRANT, US
[72] DROST, JAMES, US
[72] HEILMAN, RYAN, US
[71] SMITHS MEDICAL ASD, INC., US
[85] 2020-11-17
[86] 2019-05-28 (PCT/US2019/034180)
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[51] **Int.Cl. B01J 19/00 (2006.01) C12M 1/34 (2006.01) G01N 27/327 (2006.01)**
[25] EN
[54] **DEVICE, SYSTEM AND METHOD FOR DIRECT ELECTRICAL MEASUREMENT OF ENZYME ACTIVITY**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE MESURE ELECTRIQUE DIRECTE D'ACTIVITE ENZYMATIQUE**
[72] LINDSAY, STUART, US
[72] ZHANG, PEIMING, US
[71] LINDSAY, STUART, US
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[54] **VMAT2 INHIBITOR COMPOUNDS, COMPOSITIONS, AND METHODS RELATING THERETO**
[54] **COMPOSES INHIBITEURS DE VMAT2, COMPOSITIONS ET METHODES ASSOCIEES**
[72] O'BRIEN, CHRISTOPHER F., US
[72] HARRIOTT, NICOLE, US
[71] NEUROCRINE BIOSCIENCES, INC., US
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[54] **COVER FOR A REGION OF A MOBILE PHONE**
[54] **COUVERCLE POUR UNE REGION D'UN TELEPHONE MOBILE**
[72] HUTCHINSON, GERALD A., US
[72] HUTCHINSON, RICHARD E., US
[72] HUTCHINSON, THOMAS A., US
[72] WEAVER, STEVEN J. (DECEASED), US
[71] MEDWAY PLASTICS CORPORATION, US
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[54] **SYSTEMS AND METHODS FOR DETECTION OF INDUCED MICRO-FRACTURES**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE MICRO-FRACTURES PROVOQUEES**
[72] LIU, HUI-HAI, US
[72] ZHANG, JILIN, US
[72] EPPLER, GARY, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-11-17
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[54] **METHODS FOR DIAGNOSING, MONITORING AND TREATING NEUROLOGICAL DISEASES AND DISORDERS**
[54] **PROCEDES DE DIAGNOSTIC, DE SURVEILLANCE ET DE TRAITEMENT DE MALADIES ET DE TROUBLES NEUROLOGIQUES**
[72] FORD, ANTHONY P., US
[71] CURASEN THERAPEUTICS, INC., US
[85] 2020-11-17
[86] 2019-06-14 (PCT/US2019/037371)
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[72] ROMANINI, LUCA, IT
[72] PASETTO, MARCO, IT
[71] MAR COMPANY S.R.L., IT
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[54] **SIMULTANEOUS SEISMIC REFRACTION AND TOMOGRAPHY**
[54] **REFRACTION ET TOMOGRAPHIE SISMIQUES SIMULTANEES**
[72] BLAND, HENRY CLIFFORD, CA
[72] WILSON, GLENN ANDREW, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2020-11-17
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[54] **COMPOSITIONS AND METHODS FOR DETECTION OF TRAUMATIC BRAIN INJURY**
[54] **COMPOSITIONS ET PROCEDES DE DETECTION D'UNE LESION CEREBRALE TRAUMATIQUE**
[72] SARRAF, STELLA, US
[72] RANDOLPH, LYNDSAY M., US
[72] RASOOL, SUHAIL, US
[71] AMYDIS, INC., US
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[54] **AUTOMATED DETECTION AND CHARACTERIZATION OF MICRO-OBJECTS IN MICROFLUIDIC DEVICES**
[54] **DETECTION ET CARACTERISATION AUTOMATIQUES DE MICRO-OBJETS DANS DES DISPOSITIFS MICROFLUIDIQUES**
[72] TENNEY, JOHN A., US
[72] VETTERLI, THOMAS M., US
[72] KIM, HANSOHL E., US
[71] BERKELEY LIGHTS, INC., US
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[54] **DEVICES, SYSTEMS AND METHODS FOR DOWNHOLE EVENT DETECTION AND DEPTH DETERMINATION**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE DETECTION D'EVENEMENT DE FOND DE TROU ET DETERMINATION DE PROFONDEUR**
[72] STEWART, GORDON, AU
[71] GLOBALTECH CORPORATION PTY LTD, AU
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[86] 2019-05-17 (PCT/AU2019/050481)
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[54] **COMPOSITIONS AND METHODS FOR INCREASING CONSUMPTION OF WATER IN COMPANION ANIMALS**
[54] **COMPOSITIONS ET PROCEDES POUR AUGMENTER LA CONSOMMATION D'EAU PAR DES ANIMAUX DE COMPAGNIE**
[72] JEWELL, DENNIS, US
[72] VANCHINA, MELISSA, US
[72] GROSS, KATHY, US
[71] HILL'S PET NUTRITION, INC., US
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[54] **SLIDING CLOSURE FOR A METALLURGICAL VESSEL, PREFERABLY A DISTRIBUTOR VESSEL FOR A CONTINUOUS CASTING FACILITY**
[54] **OBTURATEUR A TIROIR POUR UN RECIPIENT METALLURGIQUE, DE PREFERENCE UN RECIPIENT DISTRIBUTEUR POUR UNE INSTALLATION DE COULEE CONTINUE**
[72] HEINRICH, BEAT, CH
[72] AMSTUTZ, THOMAS, CH
[71] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
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[72] REN, PINGDA, US
[72] DENG, XIAOHU, US
[72] MAI, WANPING, US
[71] KURA ONCOLOGY, INC., US
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[54] **MICRO-MOTEUR ELECTROSTATIQUE ET DISPOSITIFS DE TRANSFERT DE FORCE MICRO-MECANIQUE**
[72] MARSH, STEPHEN ALAN, US
[71] ENCITE, LLC, US
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[54] **IMPLANTS DE STIMULATION ELECTRIQUE**
[72] WALSER, JOCHEN, CH
[72] GEHRI, MARIO, CH
[72] FURRER, ANDRE, CH
[71] DEPUY SYNTHES PRODUCTS, INC., US
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[86] 2019-04-24 (PCT/IB2019/053389)
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[54] **PROCESS FOR RECOVERING LITHIUM PHOSPHATE AND LITHIUM SULFATE FROM LITHIUM-BEARING SILICATES**
[54] **PROCEDE DE RECUPERATION DE PHOSPHATE DE LITHIUM ET DE SULFATE DE LITHIUM A PARTIR DE SILICATES CONTENANT DU LITHIUM**
[72] NAPIER, ANDREW, AU
[72] GRIFFITH, CHRISTOPHER, AU
[71] LITHIUM AUSTRALIA NL, AU
[71] AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION, AU
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[54] **SYSTEME POUR STIMULATION ELECTRIQUE**
[72] LANGER, ROBERT S., US
[72] TRAVERSO, CARLO GIOVANNI, US
[72] ABRAMSON, ALEX G., US
[72] DELLAL, DAVID, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
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[86] 2019-05-17 (PCT/US2019/032773)
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[54] **CH3 DOMAIN EPITOPE TAGS**
[54] **MARQUEURS D'EPITOPES A DOMAINE CH3**
[72] ROBINSON, MATTHEW K., US
[72] MORIN, MICHAEL JOHN, US
[71] IMMUNOME, INC., US
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[54] **APPAREIL DE FLOTTATION PAR MOUSSE**
[72] ROSS, VICTOR EMUL, ZA
[71] MINTEK, ZA
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[54] **DIRECTEUR DE FAISCEAU OPTIQUE**
[72] LI, RAN, AU
[72] LODIN, REBECCA, AU
[72] ORTEGA, TIAGO, AU
[72] TABACCHINI, ANDREA, AU
[71] BARAJA PTY LTD, AU
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[86] 2019-06-06 (PCT/AU2019/050583)
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[54] **INHIBITORS OF INTEGRATED STRESS RESPONSE PATHWAY**
[54] **INHIBITEURS DE LA VOIE DE REPONSE INTEGREE AU STRESS**
[72] DELGADO OYARZO, LUZ MARINA, CL
[72] URETA DIAZ, GONZALO ANDRES, CL
[72] PUJALA, BRAHMAM, US
[72] PANPATIL, DAYANAND, US
[72] BERNALES, SEBASTIAN, US
[72] CHAKRAVARTY, SARVAJIT, US
[71] PRAXIS BIOTECH LLC, US
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[54] **PROCEDES DE TRAITEMENT D'UN TROUBLE D'HYPERACTIVITE AVEC DEFICIT DE L'ATTENTION**
[72] DURING, MATTHEW, US
[71] OVID THERAPEUTICS INC., US
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[54] **BARRES DE GUIDAGE AMELIOREES POUR SCIES A CHAINE**
[72] KORHONEN, MARKO, FI
[71] FOMATEC OY, FI
[85] 2020-05-27
[86] 2017-12-04 (PCT/FI2017/050858)
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[51] **Int.Cl. B31D 3/00 (2017.01) B65D 19/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CORRUGATE PALLET MANUFACTURE**
[54] **APPAREIL ET PROCEDE DE FABRICATION DE PALETTE EN MATERIAU ONDULE**
[72] OLSON, RANDAL D., US
[72] OLSON, JOEL R., US
[71] THE GARDNER GROUP, LLC, US
[85] 2020-11-17
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[25] EN
[54] **DEVICE AND METHOD FOR FILTERING A FLUID CIRCULATING IN A PLUMBING AND HEATING SYSTEM**
[54] **DISPOSITIF ET PROCEDE DE FILTRAGE D'UN FLUIDE CIRCULANT DANS UN SYSTEME DE PLOMBERIE ET DE CHAUFFAGE**
[72] BERTOLOTTI, UMBERTO, IT
[72] CONTINI, MARIO, IT
[71] I.V.A.R. S.P.A., IT
[85] 2020-11-11
[86] 2019-04-30 (PCT/IB2019/053542)
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[54] **UNITE DE POIDS PORTABLE ERGONOMIQUE ET PROCEDE D'UTILISATION**
[72] MALCOLM, CHRISTIAN, US
[71] MALCOLM, CHRISTIAN, US
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[86] 2019-06-06 (PCT/US2019/035886)
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[54] **AJUSTEMENT ACTIF DES FORMES DES COUSSINS POUR SIEGES DE VEHICULE**
[72] WARD, WAYNE, US
[71] SEARS MANUFACTURING CO., US
[85] 2020-11-17
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[54] **TEST D'UN RESEAU DE DISPOSITIFS D'AVERTISSEMENT DE DANGER**
[72] VANNEBO, PER JOHAN, NO
[71] AUTRONICA FIRE & SECURITY AS, NO
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[54] **BCMA CHIMERIC ANTIGEN RECEPTORS AND USES THEREOF**
[54] **RECEPTEURS D'ANTIGENES CHIMERIQUES BCMA ET LEURS UTILISATIONS**
[72] ABUJOUB, AIDA, US
[72] FLEMING, TONY, US
[72] HUANG, LU, US
[72] HONG, CONNIE, US
[72] BLANKENSHIP, JOHN, US
[72] HOLMBERG, BRIAN, US
[72] ZHANG, CHONGHUI, US
[72] BU, DEXIU, US
[71] NOVARTIS AG, CH
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[25] EN
[54] **ADJUSTABLE LUMBAR SUPPORT FOR A VEHICLE SEAT**
[54] **DISPOSITIF D'APPUI LOMBAIRE POUR UN SIEGE DE VEHICULE**
[72] TUMAN, WILLIAM, US
[72] STULIK, EDWARD, US
[72] ALEXANDER, DANIEL, US
[71] SEARS MANUFACTURING CO., US
[85] 2020-11-17
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[54] **VARIANTS DU FACTEUR DE LIAISON A LA SEQUENCE CCCTC**
[72] COTTMAN, REBECCA TAYLER, US
[72] JOUNG, J. KEITH, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **ARTICLES ABSORBANTS AYANT DES TISSUS NON TISSES FACONNES, DOUX ET TEXTURES**
[72] GIOVANNI, SARA L., US
[72] ASHRAF, ARMAN, US
[72] WEISMAN, PAUL T., US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **LIMITEUR DE PIVOTEMENT DE SIEGE**
[72] LINNBERG, JEFFREY, US
[71] SEARS MANUFACTURING CO., US
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[54] **FUSED PYRIMIDINE DERIVATIVES AS A2A / A2B INHIBITORS**
[54] **DERIVES DE PYRIMIDINE FUSIONNES UTILISES EN TANT QU'INHIBITEURS DE A2A/A2B**
[72] MCCAMMANT, MATTHEW S., US
[72] ZHAO, LE, US
[72] WANG, XIAOZHAO, US
[72] HAN, HEEOON, US
[72] WU, LIANGXING, US
[72] YAO, WENQING, US
[72] YU, ZHIYONG, US
[71] INCYTE CORPORATION, US
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[54] **CLEANING SYSTEM**
[54] **SYSTEME DE NETTOYAGE**
[72] DINGERT, UWE, DE
[72] MESSINEO, CARLO, DE
[71] CARL FREUDENBERG KG, DE
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[51] **Int.Cl. C01F 7/47 (2006.01) B01J 20/04 (2006.01) B01J 20/08 (2006.01) B01J 20/28 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING THE CONCENTRATION OF IMPURITIES IN BAYER LIQUORS**
[54] **PROCEDE DE REGULATION DE LA CONCENTRATION D'IMPURETES DANS DES LIQUEURS BAYER**
[72] MCKINNON, ANTHONY JOHN, AU
[72] LARNER, BRONWYN, AU
[72] DYE, SHANNON, AU
[71] ALCOA OF AUSTRALIA LIMITED, AU
[85] 2020-11-16
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[25] EN
[54] **INHIBITION OF FOLLISTATIN**
[54] **INHIBITION DE LA FOLLISTATINE**
[72] HOUSEY, GERARD M., US
[72] BALASH, MONICA E., US
[71] HOUSEY PHARMACEUTICAL RESEARCH LABORATORIES, L.L.C., US
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[25] EN
[54] **METHOD FOR IMPURITY CONTROL**
[54] **METHODE DE CONTROLE DES IMPURETES**
[72] MCKINNON, ANTHONY JOHN, AU
[72] LARNER, BRONWYN, AU
[72] DYE, SHANNON, AU
[71] ALCOA OF AUSTRALIA LIMITED, AU
[85] 2020-11-16
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[25] EN
[54] **COMPUTER RESOURCE ALLOCATION AND SCHEDULING SYSTEM**
[54] **SYSTEME D'ATTRIBUTION ET DE PLANIFICATION DE RESSOURCES INFORMATIQUES**
[72] BARNES, JEREMY, CA
[72] MATHIEU, PHILIPPE, CA
[72] RABY, JEAN, CA
[72] BELANGER, SIMON, CA
[72] L'HEUREUX, FRANCOIS-MICHEL, CA
[71] ELEMENT AI INC., CA
[85] 2020-11-18
[86] 2019-05-17 (PCT/CA2019/050674)
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[30] US (62/673,562) 2018-05-18

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[51] **Int.Cl. C40B 40/06 (2006.01) C12Q 1/6813 (2018.01) C12Q 1/6832 (2018.01) C12Q 1/6869 (2018.01) C12Q 1/6874 (2018.01) C12Q 1/6876 (2018.01) C12N 15/10 (2006.01) C40B 10/00 (2006.01)**
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[54] **POLYNUCLEOTIDES, REAGENTS, AND METHODS FOR NUCLEIC ACID HYBRIDIZATION**
[54] **POLYNUCLEOTIDES, REACTIFS, ET PROCEDES D'HYBRIDATION D'ACIDES NUCLEIQUES**
[72] ZEITOUN, RAMSEY IBRAHIM, US
[72] CHEN, SIYUAN, US
[72] GANTT, RICHARD, US
[72] BUTCHER, KRISTIN D., US
[72] CHILTON, E. HUTSON, US
[71] TWIST BIOSCIENCE CORPORATION, US
[85] 2020-11-17
[86] 2019-05-17 (PCT/US2019/032992)
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[30] US (62/673,704) 2018-05-18
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[25] EN
[54] **VALVE WITH INTEGRATED FLUID RESERVOIR**
[54] **VANNE A RESERVOIR DE FLUIDE INTEGRE**
[72] WARREN, CALEB THOMAS, US
[72] GJELSTAD, GEIR, US
[72] FROSELL, THOMAS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2020-11-17
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[25] EN
[54] **MULTI-PURPOSE TILE SYSTEM, TILE COVERING, AND TILE**
[54] **SYSTEME DE CARREAUX POLYVALENTS, REVETEMENT DE CARRELAGE ET CARREAU**
[72] BOUCKE, EDDY ALBERIC, BE
[72] VEEKEN, JACOBUS GERARDUS NICOLAAS LAURENTIUS, CN
[71] I4F LICENSING NV, BE
[71] TOWER IPCO COMPANY LIMITED, IE
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[86] 2019-05-16 (PCT/EP2019/062703)
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[54] **SYSTEM AND METHOD FOR THE DELIVERY OF SERVICES TO A PROPERTY OWNER**
[54] **SYSTEME ET PROCEDE DE FOURNITURE DE SERVICES A UN DETENTEUR DE PROPRIETE**
[72] THEUS, DAVID G., US
[72] SCHAEDLER, DOUGLAS C., US
[72] BRINAGER, STEVEN M., US
[72] KEMPER, GINA, US
[71] HOMEE, INC., US
[85] 2020-11-17
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[25] EN
[54] **CERAMIC HONEYCOMB BODY FOR LIGHTWEIGHT STRUCTURES AND CORRESPONDING PRODUCTION METHOD**
[54] **CORPS ALVEOLE EN CERAMIQUE POUR STRUCTURES LEGERES ET SON PROCEDE DE FABRICATION**
[72] ALTER, ROLF-MATHIAS, LU
[72] WINTGENS, WILLY, LU
[72] HUBERTY, CARSTEN, DE
[72] KAMINSKI, DARIUS, DE
[71] EURO-COMPOSITES S.A., LU
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[54] **ANTI-MUC1 ANTIBODY**
[54] **ANTICORPS ANTI-MUC1**
[72] GELLERT, JOHANNA, DE
[72] FLECHNER, ANKE, DE
[72] WEIGELT, DOREEN, DE
[72] DANIELCZYK, ANTJE, DE
[71] GLYCOTOPE GMBH, DE
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[54] **METHOD OF UPDATING FOOD PRODUCT ITEM INFORMATION**
[54] **PROCEDE DE MISE A JOUR D'INFORMATIONS D'ARTICLE ALIMENTAIRE**
[72] DUCKETT, JEANNE, US
[72] DAUM, SUSAN, US
[72] PORTER, LORI, US
[71] AVERY DENNISON RETAIL INFORMATION SERVICES, LLC, US
[85] 2020-11-17
[86] 2019-05-20 (PCT/US2019/033118)
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 16/18 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **ANTIBODIES AND ANTIBODY FRAGMENTS AGAINST HNAV1.7 CHANNEL AND THEIR USE IN PAIN AND CANCER INDICATIONS**
[54] **ANTICORPS ET FRAGMENTS D'ANTICORPS DIRIGES CONTRE LE CANAL HNAV1.7 ET LEUR UTILISATION DANS DES INDICATIONS DE DOULEUR ET DE CANCER**
[72] MARTINA, MARZIA, CA
[72] CHAKRAVARTHY, BALU, CA
[72] DUROCHER, YVES, CA
[72] ARBABI-GHAHROUDI, MEHDI, CA
[72] MARCIL, ANNE, CA
[72] STANIMIROVIC, DANICA, CA
[72] SULEA, TRAIAN, CA
[72] MORENO, MARIA, CA
[72] BANDERALI, UMBERTO, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/372 (2006.01)**
[25] EN
[54] **ADAPTIVE CHRONIC PAIN RELIEF VIA IMPLANTED ELECTRICAL NEUROSTIMULATION**
[54] **SOULAGEMENT DE DOULEUR CHRONIQUE ADAPTATIF PAR NEUROSTIMULATION ELECTRIQUE IMPLANTEE**
[72] LIN, QINGHUANG, US
[72] ROGERS, JEFFREY, US
[72] RUSSO, GIOVANNI, IE
[72] SIMONETTO, ANDREA, IE
[72] TCHRAKIAN, TIGRAN, IE
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
[85] 2020-11-17
[86] 2019-05-20 (PCT/US2019/033164)
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[51] **Int.Cl. A24F 40/57 (2020.01) A24F 47/00 (2020.01) H02J 7/00 (2006.01) G01K 1/00 (2006.01)**
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[54] **VAPORIZER DEVICE WITH CARTRIDGE**
[54] **DISPOSITIF VAPORISATEUR COMPRENANT UNE CARTOUCHE**
[72] FU, JOSHUA, US
[72] LOENTAL, CHRISTOPHER, US
[72] MARKOVIC, MARKO, US
[72] WEISS, ALEXANDER, US
[72] RINGROSE, ALEXANDER, US
[72] CARLBERG, DAVID, US
[72] NARIYOSHI, ROBYN, US
[72] SPRATT, DEVIN, US
[72] HATTON, NICHOLAS J., US
[72] CHANG, YEN JEN, US
[72] LI, CHEN YU, US
[72] TSENG, BARRY, US
[72] WANG, PRINCE, US
[72] GERMANN, THOMAS, US
[72] SCHAEFER, ANDREAS, US
[71] JUUL LABS, INC., US
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[86] 2019-05-29 (PCT/US2019/034447)
[87] (WO2019/232086)
[30] US (62/677,598) 2018-05-29
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[30] US (62/725,964) 2018-08-31
[30] US (62/726,008) 2018-08-31
[30] US (62/726,024) 2018-08-31
[30] US (62/725,872) 2018-08-31
[30] US (62/738,874) 2018-09-28
[30] US (62/802,598) 2019-02-07
[30] US (62/834,307) 2019-04-15
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[51] **Int.Cl. G01N 15/10 (2006.01) C12N 5/076 (2010.01) C12M 1/34 (2006.01) C12Q 1/02 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **A METHOD FOR AUTOMATED NON-INVASIVE MEASUREMENT OF SPERM MOTILITY AND MORPHOLOGY AND AUTOMATED SELECTION OF A SPERM WITH HIGH DNA INTEGRITY**
[54] **PROCEDE DE MESURE NON INVASIVE AUTOMATISEE DE MOTILITE ET DE MORPHOLOGIE DE SPERMATOZOIDE ET DE SELECTION AUTOMATISEE D'UN SPERMATOZOIDE A INTEGRITE D'ADN ELEVEE**
[72] SUN, YU, CA
[72] DAI, CHANGSHENG, CA
[72] ZHANG, ZHUORAN, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2020-11-18
[86] 2019-05-21 (PCT/CA2019/050690)
[87] (WO2019/222839)
[30] GB (1808312.1) 2018-05-21

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[51] **Int.Cl. H04W 24/02 (2009.01)**
[25] FR
[54] **METHOD FOR ASSOCIATING A NEW COLLECTION NODE IN A DISTRIBUTED WIRELESS NETWORK**
[54] **PROCEDE D'ASSOCIATION D'UN NOUVEAU NOEUD DE COLLECTE DANS UN RESEAU SANS FIL DISTRIBUE**
[72] RABY, FLORENT, FR
[72] TOCHE, CLEMENT, FR
[72] LALAM, MASSINISSA, FR
[72] JAULIN, JEAN-PHILIPPE, FR
[71] SAGEMCOM BROADBAND SAS, FR
[85] 2020-11-18
[86] 2019-05-28 (PCT/EP2019/063718)
[87] (WO2019/229016)
[30] FR (1854677) 2018-05-31

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[51] **Int.Cl. A24F 7/02 (2006.01) A24F 1/30 (2006.01)**
[25] EN
[54] **PORTABLE INHALATION APPARATUS AND RELATED METHOD**
[54] **APPAREIL D'INHALATION PORTATIF ET PROCEDE APPARENTE**
[72] BOOTH, NICHOLAS, CA
[71] WOLF GRINDERS INC., CA
[85] 2020-11-18
[86] 2019-06-05 (PCT/CA2019/050783)
[87] (WO2019/232627)
[30] US (62/680,802) 2018-06-05

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[51] **Int.Cl. B25J 21/02 (2006.01) B01L 1/04 (2006.01) B08B 15/02 (2006.01) B65B 3/00 (2006.01) B65B 55/02 (2006.01) C12M 1/00 (2006.01) F24F 3/16 (2006.01)**
[25] FR
[54] **ISOLATEUR A USAGE UNIQUE, A FLUX LAMINAIRE ET FILTRATION DOUBLE**
[54] **SINGLE-USE ISOLATOR WITH LAMINAR FLOW AND DOUBLE FILTRATION**
[72] ZAMBAUX, JEAN PASCAL, FR
[72] RYDER, MARTYN, GB
[71] SOLO CONTAINMENT LIMITED, GB
[85] 2020-11-18
[86] 2018-05-24 (PCT/FR2018/000138)
[87] (WO2018/215704)
[30] FR (1770535) 2017-05-24

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[13] A1
[51] **Int.Cl. C07C 237/22 (2006.01) C07C 243/34 (2006.01) C07C 323/60 (2006.01) C07D 209/20 (2006.01) C07D 233/64 (2006.01) C09K 3/32 (2006.01)**
[25] EN
[54] **PRODUCTS AND METHODS FOR THE TREATMENT OF MIXTURES OF WATER AND HYDROPHOBIC LIQUIDS**
[54] **PRODUITS ET PROCEDES POUR LE TRAITEMENT DE MELANGES D'EAU ET DE LIQUIDES HYDROPHOBES**
[72] HUM, GABRIEL, CA
[72] KUREK, DANIEL ZACHARY, CA
[72] LI, ANWU, CA
[71] B.C. RESEARCH INC., CA
[85] 2020-11-18
[86] 2019-06-05 (PCT/CA2019/050785)
[87] (WO2019/232629)
[30] US (62/680,950) 2018-06-05

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[13] A1
[51] **Int.Cl. H04W 24/10 (2009.01) H04W 74/08 (2009.01)**
[25] EN
[54] **METHOD FOR REPORTING MEASUREMENT INFORMATION, METHOD FOR CONFIGURING TERMINAL DEVICE, AND DEVICE**
[54] **PROCEDE DE RAPPORT D'INFORMATIONS DE MESURE, PROCEDE DE CONFIGURATION DE DISPOSITIF TERMINAL, ET DISPOSITIF**
[72] YANG, NING, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2020-11-18
[86] 2018-06-15 (PCT/CN2018/091516)
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[51] **Int.Cl. C07C 67/08 (2006.01) C07C 69/54 (2006.01) C07C 231/02 (2006.01) C07C 233/33 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING KETO-FUNCTIONALIZED AROMATIC (METH)ACRYLATES**
[54] **PROCEDE DE PREPARATION DE (METH)ACRYLATES AROMATIQUES A CETO-FONCTIONNALISES**
[72] BLEITH, TIM, DE
[72] KRILL, STEFFEN, DE
[72] SCHUTZ, THORBEN, DE
[72] SAAL, DORIS, DE
[72] TRESKOW, MARCEL, DE
[71] EVONIK OPERATIONS GMBH, DE
[85] 2020-11-18
[86] 2019-05-21 (PCT/EP2019/063084)
[87] (WO2019/224193)
[30] EP (18173839.4) 2018-05-23

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CONFIGURING PHYSICAL DOWNLINK CONTROL CHANNEL TIME DOMAIN MONITORING POSITION**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE CONFIGURER UNE POSITION DE DETECTION DE DOMAINE TEMPOREL DE CANAL DE COMMANDE DE LIAISON DESCENDANTE PHYSIQUE**
[72] XIA, LIANG, CN
[72] HOU, XUEYING, CN
[71] CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE, CN
[71] CHINA MOBILE COMMUNICATIONS GROUP CO., LTD., CN
[85] 2020-11-18
[86] 2019-04-17 (PCT/CN2019/083015)
[87] (WO2019/223458)
[30] CN (201810504095.9) 2018-05-23

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[51] **Int.Cl. H01L 31/18 (2006.01) G01J 1/18 (2006.01) H01L 27/146 (2006.01) H01L 51/42 (2006.01)**
[25] EN
[54] **PRINTABLE PHOTODETECTOR ARRAY PANELS AND METHODS OF MANUFACTURE**
[54] **PANNEAUX DE RESEAU DE PHOTODETECTEURS IMPRIMABLE ET PROCEDES DE FABRICATION**
[72] ZHANG, ZHIYI, CA
[72] TAO, YE, CA
[72] DING, HEPING, CA
[72] ALEM, SALIMA, CA
[72] CHANG, SHOUDE, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2020-11-18
[86] 2019-05-14 (PCT/CA2019/050644)
[87] (WO2019/227200)
[30] US (15/994,988) 2018-05-31

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[13] A1
[51] **Int.Cl. A61B 18/20 (2006.01) A61N 5/06 (2006.01)**
[25] FR
[54] **DEVICE FOR TREATMENT WITH THE EMISSION OF LASER PULSES**
[54] **DISPOSITIF DE TRAITEMENT PAR EMISSION D'IMPULSION LASER**
[72] SAFRAOUI, GEORGES, FR
[71] EUROFEEDBACK, FR
[85] 2020-11-18
[86] 2019-05-22 (PCT/EP2019/063263)
[87] (WO2019/224276)
[30] FR (1854255) 2018-05-22

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[13] A1
[51] **Int.Cl. A61B 18/20 (2006.01) A61N 5/06 (2006.01)**
[25] FR
[54] **DEVICE FOR TREATMENT BY PULSED LASER EMISSION**
[54] **DISPOSITIF DE TRAITEMENT PAR EMISSION D'IMPULSION LASER**
[72] SAFRAOUI, GEORGES, FR
[71] EUROFEEDBACK, FR
[85] 2020-11-18
[86] 2019-05-22 (PCT/EP2019/063257)
[87] (WO2019/224273)
[30] FR (1854251) 2018-05-22

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[13] A1
[51] **Int.Cl. H04B 17/30 (2015.01)**
[25] EN
[54] **CHANNEL SENSING METHOD, RELATED DEVICE, AND SYSTEM**
[54] **PROCEDE D'ECOUTE DE SIGNAL, DISPOSITIF ASSOCIE, ET SYSTEME**
[72] JIA, QIONG, CN
[72] ZHU, JUN, CN
[72] WU, JI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **ANTI-OX40 ANTIBODIES AND METHODS OF USE**
[54] **ANTICORPS ANTI-OX40 ET PROCEDES D'UTILISATION**
[72] LIU, YE, CN
[72] ZHANG, TONG, CN
[72] WANG, ZUOBAI, CN
[72] LI, KANG, CN
[71] BEIGENE, LTD., KY
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[25] EN
[54] **DEVICE AND METHOD FOR FLUID SYNERGISTIC ENHANCED FLOATATION SEPARATION**
[54] **APPAREIL ET PROCEDE DE SEPARATION PAR FLOTTATION AMELIOREE PAR SYNERGIE D'ECOULEMENT**
[72] ZHANG, HAIJUN, CN
[72] LIU, JIONGTIAN, CN
[72] YAN, XIAOKANG, CN
[72] WANG, LIJUN, CN
[72] LIU, QINGXIA, CN
[72] WANG, YONGTIAN, CN
[72] LI, DANLONG, CN
[72] LI, XIN, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[51] **Int.Cl. B03D 1/14 (2006.01) B03D 1/02 (2006.01)**
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[54] **DEVICE AND METHOD FOR FORCED CIRCULATION FAST FLOATATION SEPARATION**
[54] **APPAREIL ET PROCEDE DE SEPARATION PAR FLOTTATION RAPIDE A CIRCULATION FORCEE**
[72] ZHANG, HAIJUN, CN
[72] LIU, JIONGTIAN, CN
[72] YAN, XIAOKANG, CN
[72] WANG, LIJUN, CN
[72] LIU, QINGXIA, CN
[72] MA, ZILONG, CN
[72] LI, DANLONG, CN
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[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[25] EN
[54] **ROBOT DEVICE AND METHOD TO INSPECT COMPONENTS OF A CONVEYOR BELT**
[54] **DISPOSITIF ROBOTISE ET PROCEDE D'INSPECTION DE COMPOSANTS D'UN TRANSPORTEUR A COURROIE**
[72] FREITAS, GUSTAVO MEDEIROS, BR
[72] TORRE, MARCOS PAULO, BR
[72] GARCIA, GABRIEL CARVALHO, BR
[72] ROCHA, FILIPE AUGUSTO SANTOS, BR
[72] FRANCA, ANDRE STANZANI, BR
[72] DA FONSECA, FELIPE RIBEIRO, BR
[72] LIZARRALDE, FERNANDO CESAR, BR
[72] COSTA, RAMON ROMANKEVICIUS, BR
[72] NEVES, ALEX FERNANDES, BR
[72] MONTEIRO, JOAO CARLOS ESPIUCA, BR
[71] VALE S.A., BR
[71] UNIVERSIDADE FEDERAL DO RIO DE JANEIRO - UFRJ, BR
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[54] **EQUIPMENT FOR GENERATING ELECTRICAL ENERGY FOR VEHICLES WITH A COOLING UNIT**
[54] **EQUIPEMENT DE GENERATION D'ENERGIE ELECTRIQUE POUR VEHICULES DOTES D'UNE UNITE DE FROID**
[72] LOPEZ BENAVENT, FERNANDO, ES
[72] NAVARRO PERIS, RICARDO, ES
[72] GADEA CERDERA, MARIANO, ES
[72] MORALES MONTESINOS, LORENZO, ES
[71] INDIANOLA INVERSIONES, S.L., ES
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[54] **IMPROVED TARGETED T-CELL THERAPY**
[54] **THERAPIE CIBLEE AMELIOREE PAR LYMPHOCYTES T**
[72] BOLLARD, CATHERINE MARY, US
[72] CRUZ, CONRAD RUSSELL Y., US
[72] HANLEY, PATRICK, US
[71] CHILDREN'S NATIONAL MEDICAL CENTER, US
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[51] **Int.Cl. C12M 3/02 (2006.01) C12M 3/00 (2006.01)**
[25] EN
[54] **SYSTEM OF CELL EXPANSION AND METHODS OF USING THE SAME**
[54] **SYSTEME D'EXPANSION DE CELLULES ET PROCEDES D'UTILISATION DE CELUI-CI**
[72] BOLLARD, CATHERINE MARY, US
[72] CRUZ, CONRAD RUSSELL Y., US
[72] HANLEY, PATRICK, US
[71] CHILDREN'S NATIONAL MEDICAL CENTER, US
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[51] **Int.Cl. F01D 11/00 (2006.01) F01D 9/04 (2006.01) F01D 11/12 (2006.01)**
[25] FR
[54] **TURBOMACHINE BLADING ANGULAR SECTOR WITH SEAL BETWEEN SECTORS**
[54] **SECTEUR ANGULAIRE D'AUBAGE DE TURBOMACHINE AVEC ETANCHEITE ENTRE SECTEURS**
[72] GEORGE, ALEXIS HECTOR ULYSSE, FR
[72] SCHOLTES, CHRISTOPHE, FR
[72] BRUNET, ANTOINE ROBERT ALAIN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2020-11-18
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[51] **Int.Cl. B01J 31/24 (2006.01) B01J 31/02 (2006.01) B01J 31/20 (2006.01) C07C 45/50 (2006.01)**
[25] EN
[54] **METHODS FOR SLOWING DEACTIVATION OF A CATALYST AND/OR SLOWING TETRAPHOSPHINE LIGAND USAGE IN HYDROFORMYLATION PROCESSES**
[54] **PROCEDES DE RALENTISSEMENT DE LA DESACTIVATION D'UN CATALYSEUR ET/OU DE RALENTISSEMENT DE L'UTILISATION D'UN LIGAND TETRAPHOSPHINE DANS DES PROCESSUS D'HYDROFORMYLATION**
[72] BRAMMER, MICHAEL A., US
[72] BECKER, MICHAEL C., US
[72] FELSTED, II, WILLIAM N., US
[71] DOW TECHNOLOGY INVESTMENTS LLC, US
[85] 2020-11-18
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[51] **Int.Cl. C07C 45/49 (2006.01) C07C 47/02 (2006.01)**
[25] EN
[54] **METHODS OF CONTROLLING HYDROFORMYLATION PROCESSES**
[54] **PROCEDES DE COMMANDE DE PROCESSUS D'HYDROFORMYLATION**
[72] BRAMMER, MICHAEL A., US
[72] QIAN, HUIFENG, US
[71] DOW TECHNOLOGY INVESTMENTS LLC, US
[85] 2020-11-18
[86] 2019-05-03 (PCT/US2019/030621)
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[25] EN
[54] **CATALYST COMPOSITION COMPRISING THE COMBINATION OF A MONOPHOPSPHINE, A TETRAPHOSPHINE LIGAND AND A HYDROFORMYLATION PROCESS USING IT**
[54] **COMPOSITION DE CATALYSEUR COMPRENANT LA COMBINAISON D'UNE MONOPHOPSPHINE, D'UN LIGAND DE TETRAPHOSPHINE ET PROCESSUS D'HYDROFORMYLATION L'UTILISANT**
[72] BRAMMER, MICHAEL A., US
[71] DOW TECHNOLOGY INVESTMENTS LLC, US
[85] 2020-11-18
[86] 2019-05-03 (PCT/US2019/030640)
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[51] **Int.Cl. B44D 3/12 (2006.01) A45D 44/18 (2006.01) B65D 43/16 (2006.01) B65D 69/00 (2006.01) B65D 81/24 (2006.01) B65D 85/08 (2006.01)**
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[54] **AIR TIGHT PAINT BRUSH AND ROLLER STORAGE CONTAINER**
[54] **PINCEAU ETANCHE A L'AIR ET RECIPIENT DE STOCKAGE DE ROULEAUX**
[72] MUTHIAH, PALANIKKUMARAN, US
[72] PARMAR, PRAVINABAHEN, US
[71] MUTHIAH, PALANIKKUMARAN, US
[71] PARMAR, PRAVINABAHEN, US
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[51] **Int.Cl. C10L 10/12 (2006.01) B01F 15/00 (2006.01) B01J 19/00 (2006.01) G01N 33/28 (2006.01)**
[25] EN
[54] **DISTILLATE BLENDING SYSTEM WITH ONLINE DERIVED AND/OR INDICATED CETANE NUMBER ANALYZER AND RELATED METHODS**
[54] **SYSTEME DE MELANGE DE DISTILLAT AVEC ANALYSEUR D'INDICE DE CETANE DERIVE ET/OU INDIQUE EN LIGNE ET PROCEDES ASSOCIES**
[72] LANNI, ERIC J., US
[72] COLE, CODY R., US
[72] VAN ADRICHEM, ARNOLDUS L.M., NL
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2020-11-18
[86] 2019-05-15 (PCT/US2019/032388)
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[30] US (62/676,366) 2018-05-25

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[51] **Int.Cl. H04N 21/435 (2011.01) H04N 21/478 (2011.01) H04N 21/8549 (2011.01) G06N 20/00 (2019.01)**
[25] EN
[54] **MACHINE LEARNING FOR RECOGNIZING AND INTERPRETING EMBEDDED INFORMATION CARD CONTENT**
[54] **APPRENTISSAGE AUTOMATIQUE PERMETTANT DE RECONNAITRE ET D'INTERPRETER UN CONTENU INTEGRE DE CARTE D'INFORMATIONS**
[72] STOJANCIC, MIHAILO, US
[72] PACKARD, WARREN, US
[71] THUUZ, INC., US
[85] 2020-11-18
[86] 2019-05-15 (PCT/US2019/032481)
[87] (WO2019/222397)
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[30] US (62/712,041) 2018-07-30
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[54] **VIDEO PROCESSING FOR EMBEDDED INFORMATION CARD LOCALIZATION AND CONTENT EXTRACTION**
[54] **TRAITEMENT VIDEO POUR LOCALISATION DE CARTE D'INFORMATIONS INTEGREE ET EXTRACTION DE CONTENUS**
[72] STOJANCIC, MIHAILO, US
[72] PACKARD, WARREN, US
[72] KANYGIN, DENNIS, US
[71] THUUZ, INC., US
[85] 2020-11-18
[86] 2019-05-15 (PCT/US2019/032499)
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[30] US (62/673,412) 2018-05-18
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[51] **Int.Cl. A61B 18/20 (2006.01) A61N 5/06 (2006.01)**
[25] FR
[54] **DEVICE FOR TREATMENT WITH THE EMISSION OF LASER PULSES**
[54] **DISPOSITIF DE TRAITEMENT PAR EMISSION D'IMPULSION LASER**
[72] SAFRAOUI, GEORGES, FR
[71] EUROFEEDBACK, FR
[85] 2020-11-18
[86] 2019-05-22 (PCT/EP2019/063265)
[87] (WO2019/224278)
[30] FR (1854252) 2018-05-22

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[51] **Int.Cl. H02J 1/10 (2006.01) G06F 1/26 (2006.01) H02J 7/00 (2006.01) H02J 7/34 (2006.01) H02J 1/00 (2006.01)**
[25] EN
[54] **POWER SUPPLY AND METHOD FOR SUPPLYING POWER BY MANAGING PEAK CURRENT USAGE**
[54] **ALIMENTATION ELECTRIQUE ET PROCEDE D'ALIMENTATION ELECTRIQUE PAR LA GESTION DE L'UTILISATION DE COURANT DE CRETE**
[72] CUTCHER, JEFFREY L., US
[72] SINGH, RAJESH BALIRAM, US
[72] CRONIN, DANIEL L., US
[72] HERNANDEZ, ROLANDO, US
[71] MOTOROLA SOLUTIONS, INC., US
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[86] 2019-05-15 (PCT/US2019/032523)
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[30] US (15/991,887) 2018-05-29

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[13] A1
[51] **Int.Cl. A61K 31/365 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF ALZHEIMER'S DISEASE**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER**
[72] ALKON, DANIEL L., US
[71] NEUROTROPE BIOSCIENCE, INC., US
[85] 2020-11-18
[86] 2019-05-17 (PCT/US2019/032762)
[87] (WO2019/222564)
[30] US (62/673,590) 2018-05-18

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[13] A1
[51] **Int.Cl. B67D 1/08 (2006.01) B67D 1/00 (2006.01) B67D 1/10 (2006.01) B67D 1/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DISPENSING PRECISE TEMPERATURE CONTROLLED WATER**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION D'EAU REGULEE A UNE TEMPERATURE PRECISE**
[72] GNADINGER, ERRIN WHITNEY, US
[72] MARTIN, BENJAMIN L., US
[72] LEWIS, JR., ROBERT L., US
[72] NEWLAND, GRAYSON PAUL, US
[72] HAVILAND, DEAN PAUL, US
[72] BOCK-ARONSON, MAX, US
[72] JOHNSON, DAN, US
[72] KRAUSE, ERIC, US
[72] SQUIRES, TODD MATTHEW, US
[72] WATSON, CHERYL E., US
[71] TEA UNWRAPPED LLC, US
[85] 2020-11-18
[86] 2019-05-17 (PCT/US2019/032774)
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[30] US (62/673,295) 2018-05-18

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[51] **Int.Cl. A23K 40/10 (2016.01) A23L 7/126 (2016.01) A23L 25/00 (2016.01) A23L 29/212 (2016.01) A23L 29/30 (2016.01)**
[25] EN
[54] **A BINDER FOR A SEED AND NUT SNACK AND A METHOD OF MAKING THE SAME**
[54] **LIANT POUR UNE COLLATION A BASE DE GRAINES ET DE NOIX ET SON PROCEDE DE FABRICATION**
[72] O'DOWD, HELEN, IE
[71] DUNBOIGE LIMITED, IE
[85] 2020-11-18
[86] 2019-05-23 (PCT/EP2019/063313)
[87] (WO2019/224299)
[30] EP (18174456.6) 2018-05-25
[30] US (62/676,780) 2018-05-25

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[51] **Int.Cl. C07K 16/06 (2006.01) A61K 39/395 (2006.01) A61P 25/02 (2006.01)**
[25] EN
[54] **TREATMENT OF CIDP**
[54] **TRAITEMENT DE CIDP**
[72] BRIL, VERA, CA
[72] LAWO, JOHN-PHILIP, DE
[71] CSL BEHRING AG, CH
[85] 2020-11-18
[86] 2019-05-23 (PCT/EP2019/063322)
[87] (WO2019/224304)
[30] EP (18173860.0) 2018-05-23

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[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01) A62C 3/00 (2006.01) A62C 27/00 (2006.01) B62D 55/06 (2006.01)**
[25] EN
[54] **SERVICE VEHICLE FOR EXTINGUISHING FIRE ON AND WITHIN AN AUTOMATED STORAGE AND RETRIEVAL SYSTEM AND A METHOD THEREOF**
[54] **VEHICULE DE SERVICE POUR ETEINDRE UN INCENDIE SUR ET A L'INTERIEUR D'UN SYSTEME DE STOCKAGE ET DE RECUPERATION AUTOMATISE ET SON PROCEDE**
[72] AUSTRHEIM, TROND, NO
[72] FJELDHEIM, IVAR, NO
[71] AUTOSTORE TECHNOLOGY AS, NO
[85] 2020-11-16
[86] 2019-05-20 (PCT/EP2019/062949)
[87] (WO2019/233749)
[30] NO (20180782) 2018-06-06
[30] NO (20190553) 2019-04-26

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[13] A1
[51] **Int.Cl. C08J 5/18 (2006.01) B32B 27/32 (2006.01) C08J 7/04 (2020.01)**
[25] EN
[54] **POLYURETHANE COATED HEAT-SHRINKABLE FILM**
[54] **FILM THERMORETRACTABLE REVETU DE POLYURETHANE**
[72] DO VALLE, CAMILA, BR
[72] CASARRUBIAS, JUAN CARLOS, MX
[72] ZANETTI, MAXIMILIANO, AR
[72] DE OLIVEIRA, MARLOS GIUNTINI, BR
[72] GOMES, JORGE CAMINERO, BR
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] PBBPOLISUR S.R.L, AR
[71] ROHM AND HAAS COMPANY, US
[85] 2020-08-12
[86] 2019-02-27 (PCT/US2019/019725)
[87] (WO2019/168898)
[30] US (62/636,471) 2018-02-28

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[51] **Int.Cl. A61N 5/01 (2006.01) A61N 5/02 (2006.01) A61N 5/04 (2006.01) A61N 5/06 (2006.01) A61N 5/08 (2006.01) A61N 5/10 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR AUTOMATIC RADIOTHERAPY TREATMENT PLANNING**
[54] **SYSTEMES ET METHODES DE PLANIFICATION DE TRAITEMENT PAR RADIOTHERAPIE AUTOMATIQUE**
[72] ZAREPISHEH, MASOUD, US
[72] DEASY, JOSEPH O., US
[72] HONG, LINDA, US
[72] MAGERAS, GIG S., US
[72] HUNT, MARGIE A., US
[72] MECHALAKOS, JAMES G., US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[86] 2019-03-07 (PCT/US2019/021206)
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[30] US (62/639,823) 2018-03-07

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[13] A1
[51] **Int.Cl. G02B 21/00 (2006.01) G02B 21/08 (2006.01) A61B 90/00 (2016.01) A61B 1/06 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **CONFINED FIELD OF VIEW ILLUMINATION IN SURGICAL MICROSCOPY**
[54] **ECLAIRAGE DE CHAMP DE VISION CONFINE EN MICROSCOPIE CHIRURGICALE**
[72] ZAPATA, JORGE, US
[72] VARGAS SILVA, CARLOS EDUARDO, CO
[71] GENTEX CORPORATION, US
[85] 2020-10-19
[86] 2019-04-18 (PCT/US2019/028074)
[87] (WO2019/204579)
[30] US (62/659,221) 2018-04-18

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[13] A1
[51] **Int.Cl. A61B 18/12 (2006.01) A61N 1/32 (2006.01)**
[25] EN
[54] **USING ALTERNATING ELECTRIC FIELDS TO INCREASE PERMEABILITY OF THE BLOOD BRAIN BARRIER**
[54] **UTILISATION DE CHAMPS ELECTRIQUES ALTERNATIFS POUR AUGMENTER LA PERMEABILITE DE LA BARRIERE HEMATO-ENCEPHALIQUE**
[72] HAGEMANN, CARSTEN, DE
[72] LOHR, MARIO, DE
[72] KESSLER, ALMUTH F., DE
[72] BUREK, MALGORZATA, DE
[72] FORSTER, CAROLA, DE
[72] BRAMI, CATHERINE, IL
[72] HERSHKOVICH, HADAS SARA, IL
[72] VOLOSHIN-SELA, TALI, IL
[71] HAGEMANN, CARSTEN, DE
[71] LOHR, MARIO, DE
[71] KESSLER, ALMUTH F., DE
[71] BUREK, MALGORZATA, DE
[71] FORSTER, CAROLA, DE
[71] BRAMI, CATHERINE, IL
[71] HERSHKOVICH, HADAS SARA, IL
[71] VOLOSHIN-SELA, TALI, IL
[85] 2020-11-18
[86] 2019-08-22 (PCT/IB2019/057091)
[87] (WO2020/039390)
[30] US (62/722,100) 2018-08-23

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 39/00 (2006.01) A61P 19/08 (2006.01) A61P 19/10 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **TREATMENTS ETC**
[54] **TRAITEMENTS, ETC.**
[72] RAUNER, MARTINA, GB
[72] HOFBAUER, LORENZ, GB
[72] PLATZBECKER, UWE, GB
[72] BASCHANT, ULRIKE, GB
[72] THEURL, IGOR, GB
[72] GERMASCHEWSKI, VOLKER, GB
[71] KYMAB LIMITED, GB
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[54] **FISH GUTTING DEVICE WITH CONTROLLABLE CUTTING**
[54] **DISPOSITIF D'EVISCERATION DE POISSONS A COUPE CONTROLABLE**
[72] KRISTENSEN, IVAN, DK
[72] JORGENSEN, DANIEL BRAAD, DK
[71] KROMA A/S, DK
[85] 2020-11-18
[86] 2019-06-12 (PCT/EP2019/065326)
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[51] **Int.Cl. G10H 1/34 (2006.01) G10H 1/00 (2006.01) G10H 5/00 (2006.01) G10H 7/00 (2006.01)**
[25] EN
[54] **AN INPUT DEVICE WITH A VARIABLE TENSIONED JOYSTICK WITH TRAVEL DISTANCE FOR OPERATING A MUSICAL INSTRUMENT, AND A METHOD OF USE THEREOF**
[54] **DISPOSITIF D'ENTREE AVEC MANETTE A TENSION VARIABLE AVEC DISTANCE DE DEPLACEMENT POUR ACTIONNER UN INSTRUMENT DE MUSIQUE, ET SON PROCEDE D'UTILISATION**
[72] BAR-OR, JONATHAN, IL
[72] KAIRY, HAIM, IL
[72] RIENSCHRIEBER, BOAZ, IL
[72] ALSHEICH, OREN GABRIEL, IL
[71] ARCANA INSTRUMENTS LTD., IL
[85] 2020-11-18
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[51] **Int.Cl. A61K 35/745 (2015.01) A23L 33/135 (2016.01) A61P 1/00 (2006.01)**
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[54] **NON-VIABLE BIFIDOBACTERIUM BIFIDUM BACTERIA AND USES THEREOF**
[54] **BACTERIES BIFIDOBACTERIUM BIFIDUM NON VIABLES ET LEURS UTILISATIONS**
[72] FISCHER, CLEMENS, DE
[71] SYNFORMULAS GMBH, DE
[85] 2020-11-18
[86] 2019-06-21 (PCT/EP2019/066448)
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[51] **Int.Cl. E21B 33/13 (2006.01) E21B 33/124 (2006.01) E21B 36/00 (2006.01)**
[25] EN
[54] **A DOWNHOLE TOOL DEPLOYMENT ASSEMBLY WITH IMPROVED HEATER REMOVABILITY AND METHODS OF EMPLOYING SUCH**
[54] **ENSEMBLE DE DEPLOIEMENT D'OUTIL DE FOND DE TROU A SEPARATION AMELIOREE DU DISPOSITIF DE CHAUFFAGE ET PROCEDES D'UTILISATION DE CELUI-CI**
[72] CARRAGHER, PAUL, GB
[72] UNDERWOOD, LANCE, GB
[71] BISN TEC LTD, GB
[85] 2020-11-18
[86] 2018-05-24 (PCT/GB2018/051425)
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[51] **Int.Cl. G01N 27/74 (2006.01) G01N 33/28 (2006.01) G01V 3/10 (2006.01)**
[25] EN
[54] **DETECTING SATURATION LEVELS OF A CORE SAMPLE USING MAGNETIC FIELDS**
[54] **DETECTION DE NIVEAUX DE SATURATION D'UNE CAROTTE A L'AIDE DE CHAMPS MAGNETIQUES**
[72] KARIMI, MUHAMMAD AKRAM, SA
[72] AYUB, MUHAMMAD, SA
[72] ARSALAN, MUHAMMAD, SA
[72] SHAMIM, ATIF, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[71] KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SA
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[25] EN
[54] **TOOL AND CUTTING INSERT FOR INTERNAL COOLING, AND METHOD OF MANUFACTURE THEREOF**
[54] **OUTIL ET INSERT DE COUPE POUR REFROIDISSEMENT INTERNE ET LEUR PROCEDE DE FABRICATION**
[72] HARIF, GERSHON, IL
[71] NO SCREW LTD., IL
[85] 2020-11-18
[86] 2019-05-23 (PCT/IL2019/050585)
[87] (WO2019/224825)
[30] US (62/675,790) 2018-05-24

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[25] EN
[54] **IDENTIFYING CONTENT IN A CONDUIT**
[54] **IDENTIFICATION DE CONTENU DANS UN CONDUIT**
[72] KARIMI, MUHAMMAD AKRAM, SA
[72] ARSALAN, MUHAMMAD, SA
[72] SHAMIM, ATIF, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[71] KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SA
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[86] 2018-09-24 (PCT/IB2018/057352)
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[25] EN
[54] **CONDITION MONITORING OF ULTRASONIC TRANSDUCERS AND PROBES**
[54] **SURVEILLANCE DE L'ETAT DE TRANSDUCTEURS ET DE SONDES ULTRASONORES**
[72] FISENI, ALEXANDER, DE
[72] SCHMITZ, STEPHAN, DE
[72] BREIDENBACH, CHRISTOF, DE
[72] FALTER, STEPHAN, DE
[72] KOERS, DANIEL, DE
[72] PARUSEL, MAREK, DE
[72] ROHPETER, LARS, DE
[72] RUNTE, SVEN, DE
[72] STANDOP, SEBASTIAN, DE
[71] GE SENSING & INSPECTION TECHNOLOGIES GMBH, DE
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[25] EN
[54] **BICYCLE FRAME CRADLE WITH FOLD-IN ANTI-SWAY DEVICE**
[54] **BERCEAU DE CADRE DE BICYCLETTE AVEC DISPOSITIF ANTI-BALANCEMENT PLIE**
[72] VIKLUND, MARK, SE
[72] FARMER, EDMUND, SE
[71] THULE SWEDEN AB, SE
[85] 2020-11-18
[86] 2019-03-04 (PCT/IB2019/051744)
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[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTIBODIES SPECIFIC FOR CD3 AND USES THEREOF**
[54] **ANTICORPS SPECIFIQUES DE CD3 ET LEURS UTILISATIONS**
[72] APGAR, JAMES REASONER, US
[72] JIN, FANG, US
[72] KATRAGADDA, MADAN, US
[72] MATHUR, DIVYA, US
[72] TCHISTIAKOVA, LIOUDMILA GENNADIEVNA, US
[71] PFIZER INC., US
[85] 2020-11-18
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[87] (WO2019/224715)
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[25] EN
[54] **ANTIBODIES SPECIFIC FOR GUCY2C AND USES THEREOF**
[54] **ANTICORPS SPECIFIQUES DE GUCY2C ET LEURS UTILISATIONS**
[72] CHANG, CHEW SHUN, US
[72] GUNTAS, GURKAN, US
[72] KATRAGADDA, MADAN, US
[72] MATHUR, DIVYA, US
[72] ROOT, ADAM REID, US
[72] MOSYAK, LIDIA, US
[72] LAVALLIE, EDWARD ROLAND, US
[71] PFIZER INC., US
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[86] 2019-05-21 (PCT/IB2019/054187)
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[25] EN
[54] **PROCESS FOR PREPARING A BONDING RESIN**
[54] **PROCEDE DE PREPARATION D'UNE RESINE DE LIAISON**
[72] NASLI BAKIR, BEN, SE
[72] TORSSELL, STAFFAN, SE
[72] HJELM, LARS, SE
[72] JANSSON, LI, SE
[72] PHAM, HUYNH TRAM ANH, SE
[72] ZAFAR, ASHAR, SE
[71] STORA ENSO OYJ, FI
[85] 2020-11-18
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[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **INTRAOCULAR LENS INJECTOR WITH CONTROLLED INSERTION**
[54] **INJECTEUR DE LENTILLE INTRAOCULAIRE A INSERTION CONTROLEE**
[72] CHINI, ANDREA, IT
[71] CHINI, ANDREA, IT
[85] 2020-11-18
[86] 2019-05-16 (PCT/IT2019/000037)
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[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **INTRAOCULAR LENS INJECTOR WITH PUSH CONTROL DEVICE**
[54] **INJECTEUR DE LENTILLE INTRAOCULAIRE AVEC DISPOSITIF DE COMMANDE DE POUSSEE**
[72] CHINI, ANDREA, IT
[71] CHINI, ANDREA, IT
[85] 2020-11-18
[86] 2019-05-16 (PCT/IT2019/000038)
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[51] **Int.Cl. D21C 11/00 (2006.01) C07C 29/74 (2006.01) C07C 29/80 (2006.01) C07C 31/04 (2006.01) D21C 11/04 (2006.01) D21C 11/06 (2006.01) D21C 11/08 (2006.01)**
[25] EN
[54] **A METHOD AND A SYSTEM FOR OBTAINING METHANOL FROM FOUL CONDENSATE OF A PULPING PROCESS**
[54] **PROCEDE ET SYSTEME D'OBTENTION DE METHANOL A PARTIR D'UN CONDENSAT VICIE D'UN PROCESSUS DE TRITURATION**
[72] WENNBERG, OLLE, SE
[72] BLOMBERG SAITTON, DAVID, SE
[72] NORDLANDER, THOMAS, SE
[71] VALMET AB, SE
[85] 2020-11-18
[86] 2019-06-11 (PCT/SE2019/050542)
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[51] **Int.Cl. A61K 31/485 (2006.01) A61K 9/00 (2006.01) A61M 11/00 (2006.01)**
[25] EN
[54] **FORMULATIONS AND METHODS FOR THE PREVENTION OF OPIOID OVERDOSE**
[54] **FORMULATIONS ET PROCEDES POUR LA PREVENTION D'UNE SURDOSE D'OPIOIDE**
[72] CRYSTAL, ROGER, US
[72] SKOLNICK, PHIL, US
[72] MAGGIO, EDWARD T., US
[71] AEGIS THERAPEUTICS, LLC, US
[71] OPIANT PHARMACEUTICALS, INC., US
[85] 2020-11-16
[86] 2019-05-15 (PCT/US2019/032498)
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[54] **NOVEL BRONCHODILATING HETERO-LINKED AMIDES**
[54] **NOUVEAUX AMIDES HETERO-LIES BRONCHODILATANTS**
[72] DALENCE, MARIA, SE
[72] JOHANSSON, MARTIN, SE
[72] THORNQVIST OLTNER, VIVECA, SE
[72] TOFTERED, JORGEN, SE
[72] WENSBO, DAVIS, SE
[71] RESPIRATORIUS AB (PUBL), SE
[85] 2020-11-18
[86] 2019-07-05 (PCT/SE2019/050674)
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[51] **Int.Cl. E21B 43/26 (2006.01) E21B 34/00 (2006.01) E21B 34/14 (2006.01) E21B 43/08 (2006.01) E21B 43/10 (2006.01)**
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[54] **FRACTURING SYSTEM AND METHOD**
[54] **SYSTEME DE FRACTURATION ET PROCEDE**
[72] GAUDETTE, SEAN, US
[72] CROY, JONATHAN NICHOLAS, US
[71] BAKER HUGHES HOLDINGS LLC, US
[85] 2020-11-18
[86] 2019-04-11 (PCT/US2019/026874)
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[51] **Int.Cl. A61K 35/17 (2015.01) C12N 5/0783 (2010.01) C07K 14/705 (2006.01) C07K 14/715 (2006.01) C07K 14/725 (2006.01) C07K 16/28 (2006.01)**
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[54] **LONG LIVED CHIMERIC ANTIGEN RECEPTOR (CAR) EXPRESSING T CELLS FOR CANCER THERAPY**
[54] **CELLULES T A LONGUE DUREE DE VIE EXPRIMANT DES RECEPTEURS ANTIGENIQUES CHIMERIQUES (CAR), DESTINEES AU TRAITEMENT DU CANCER**
[72] SEKALY, RAFICK, US
[72] ZEIDAN, JOUMANA, US
[72] PEREIRA RIBEIRO, SUSAN, US
[72] BLASCO, FILIPA, US
[72] SHARMA, ASHISH, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
[85] 2020-11-16
[86] 2019-05-15 (PCT/US2019/032426)
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[51] **Int.Cl. H01J 49/42 (2006.01) H01J 49/02 (2006.01)**
[25] EN
[54] **CHARGE DETECTION MASS SPECTROMETRY WITH REAL TIME ANALYSIS AND SIGNAL OPTIMIZATION**
[54] **SPECTROMETRIE DE MASSE A DETECTION DE CHARGE AVEC ANALYSE EN TEMPS REEL ET OPTIMISATION DE SIGNAL**
[72] JARROLD, MARTIN F., US
[72] DRAPER, BENJAMIN E., US
[71] THE TRUSTEES OF INDIANA UNIVERSITY, US
[85] 2020-11-18
[86] 2019-01-11 (PCT/US2019/013277)
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[51] **Int.Cl. H04N 19/119 (2014.01) H04N 19/176 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **ENCODER, DECODER, ENCODING METHOD, DECODING METHOD, AND PICTURE COMPRESSION PROGRAM**
[54] **CODEUR, DECODEUR, PROCEDE DE CODAGE, PROCEDE DE DECODAGE ET PROGRAMME DECOMPRESSION D'IMAGE**
[72] TOMA, TADAMASA, JP
[72] NISHI, TAKAHIRO, JP
[72] ABE, KIYOFUMI, JP
[72] KANOH, RYUICHI, JP
[72] LIM, CHONG SOON, JP
[72] SHASHIDHAR, SUGHOSH PAVAN, JP
[72] LIAO, RU LING, JP
[72] SUN, HAI WEI, JP
[72] TEO, HAN BOON, JP
[72] LI, JING YA, JP
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[85] 2020-11-18
[86] 2019-05-09 (PCT/JP2019/018650)
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[30] US (62/674,812) 2018-05-22
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[51] **Int.Cl. H01J 49/42 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CAPTURING IONS IN AN ELECTROSTATIC LINEAR ION TRAP**
[54] **APPAREIL ET PROCEDE DE CAPTURE D'IONS DANS UN PIEGE A IONS LINEAIRE ELECTROSTATIQUE**
[72] JARROLD, MARTIN F., US
[71] THE TRUSTEES OF INDIANA UNIVERSITY, US
[85] 2020-11-18
[86] 2019-01-11 (PCT/US2019/013280)
[87] (WO2019/236141)
[30] US (62/680,296) 2018-06-04

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[51] **Int.Cl. A01C 11/00 (2006.01) A01C 7/08 (2006.01) B64C 39/00 (2006.01)**
[25] EN
[54] **AERIAL DEPLOYMENT PLANTING METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE PLANTATION A DEPLOIEMENT AERIEN**
[72] AGHAI, MATTHEW M., US
[72] CANARY, GRANT, US
[72] THOMSON, JOHN, US
[72] KROB, ROBERT ALEXANDER, US
[71] DRONESEED CO., US
[85] 2020-11-18
[86] 2019-02-25 (PCT/US2019/019439)
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[51] **Int.Cl. G07B 15/06 (2011.01)**
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[54] **ARCHITECTURES FOR VEHICLE TOLLING**
[54] **ARCHITECTURES POUR PEAGE DE VEHICULES**
[72] GALLAWAY, JACOB W., US
[72] DAVIS, NATHAN D., US
[72] GERHART, JEREMY J., US
[71] RAYTHEON COMPANY, US
[85] 2020-11-18
[86] 2019-06-11 (PCT/US2019/036517)
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[51] **Int.Cl. E21B 33/128 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **SETTABLE AND UNSETTABLE DEVICE AND METHOD**
[54] **DISPOSITIF ATTACHABLE ET DETACHABLE ET PROCEDE**
[72] DOANE, JAMES, US
[71] BAKER HUGHES HOLDINGS LLC, US
[85] 2020-11-18
[86] 2019-04-11 (PCT/US2019/026873)
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[30] US (15/983,598) 2018-05-18

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[51] **Int.Cl. F23D 17/00 (2006.01) F23C 1/12 (2006.01) F23C 99/00 (2006.01) F23D 1/00 (2006.01)**
[25] EN
[54] **BURNER AND COMBUSTION DEVICE**
[54] **BRULEUR ET DISPOSITIF DE COMBUSTION**
[72] KIYAMA, KENJI, JP
[72] YAMAUCHI, YASUHIRO, JP
[72] OCHI, KENICHI, JP
[72] TANIGUCHI, HITOSHI, JP
[72] KITAKAZE, KOSUKE, JP
[71] MITSUBISHI POWER, LTD., JP
[85] 2020-11-18
[86] 2019-05-13 (PCT/JP2019/018938)
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[30] JP (2018-098016) 2018-05-22

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[25] EN
[54] **GAS ANALYSIS SYSTEM FOR ENGAGING A SEALED CONTAINER**
[54] **SYSTEME D'ANALYSE DE GAZ DESTINE A VENIR EN PRISE AVEC UN RECIPIENT ETANCHE**
[72] LUEB, GUUS, NL
[72] SANTONASTASO, SARA, ES
[72] ZINO, MARIA ROSA VIOLA, IT
[72] SCHIATTARELLA, PAOLA, IT
[71] KRAFT FOODS GROUP BRANDS LLC, US
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[25] EN
[54] **ADDITIVELY MANUFACTURED STRUCTURE AND METHOD FOR MAKING THE SAME**
[54] **STRUCTURE FABRIQUEE DE MANIERE ADDITIVE ET PROCEDE POUR SA FABRICATION**
[72] RIHA, DAVID, US
[72] FIECHTER, ALEXIS, US
[72] BEDSOLE, ROBERT, US
[72] HILL, CHARLES, US
[72] NOVIKOV, TIMOFEI, US
[72] ROWE, KYLE, US
[71] LOCAL MOTORS IP, LLC, US
[85] 2020-11-18
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[30] US (62/683,527) 2018-06-11

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[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/12 (2006.01) C22C 38/12 (2006.01) C22C 38/60 (2006.01) H01F 1/147 (2006.01)**
[25] EN
[54] **NON-ORIENTED ELECTRICAL STEEL SHEET AND METHOD FOR PRODUCING SAME**
[54] **TOLE MAGNETIQUE EN ACIER NON ORIENTEE ET SA METHODE DE FABRICATION**
[72] UESAKA, MASANORI, JP
[72] ZAIZEN, YOSHIAKI, JP
[72] OKUBO, TOMOYUKI, JP
[72] NAKAJIMA, HIROAKI, JP
[72] ODA, YOSHIHIKO, JP
[71] JFE STEEL CORPORATION, JP
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[54] **PROCEDES D'ATTENUATION DE MALADIES ET DE TROUBLES NEUROLOGIQUES**
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[71] CURASEN THERAPEUTICS, INC., US
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[54] **PROCESS AND DEVICE FOR PRODUCING SYNTHETIC FLAGSTONES**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION DE PANNEAUX DE PIERRE ARTIFICIELLE**
[72] HORVATH, WOLFGANG JOHANN, AT
[71] EQTEC ENGINEERED QUARTZ TECHNOLOGY GMBH, AT
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[54] **USER TERMINAL**
[54] **TERMINAL UTILISATEUR**
[72] TAKEDA, KAZUKI, JP
[72] NAGATA, SATOSHI, JP
[72] WANG, LIHUI, CN
[72] HOU, XIAOLIN, CN
[71] NTT DOCOMO, INC., JP
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[54] **CIRCULATORY BIOMARKERS FOR PLACENTAL OR FETAL HEALTH**
[54] **BIOMARQUEURS CIRCULATOIRES POUR LA SANTE PLACENTAIRE OU F□TALE**
[72] TONG, STEPHEN, AU
[72] LINO, TU'UHEVAHA JOY, AU
[72] MACDONALD, TERESA MARY, AU
[72] WALKER, SUSAN PHILIPPA, AU
[71] THE UNIVERSITY OF MELBOURNE, AU
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[54] **INFUSION DEVICE**
[54] **DISPOSITIF DE PERFUSION**
[72] CAWTHON, DUSTIN CHRISTOPHER, US
[72] LAO, IENG KIN, CN
[72] DUDAR, THOMAS EDWARD, US
[72] DING, YUANPANG SAMUEL, US
[72] LO, YING-CHENG, US
[72] LUO, HOUZHI, CN
[72] MORRISSEY, MICHAEL PATRICK, US
[72] PACKARD, JEFFREY SCOTT, US
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE SA, CH
[85] 2020-11-18
[86] 2019-06-18 (PCT/US2019/037708)
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[25] EN
[54] **GROUP 5 METAL COMPLEXES FOR PRODUCING AMINE-FUNTIONALIZED POLYOLEFINS**
[54] **COMPLEXES METALLIQUES DU GROUPE 5 POUR LA PRODUCTION DE POLYOLEFINES A FONCTION AMINE**
[72] SCHAFER, LAUREL L., CA
[72] ROSCA, SORIN-CLAUDIU, CA
[72] DIPUCCHIO, REBECCA, CA
[72] SCOTT, SABRINA, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[54] **ELECTRICAL OUTLET COVER WITH INTEGRATED LIGHTING**
[54] **COUVERCLE DE SORTIE ELECTRIQUE A ECLAIRAGE INTEGRE**
[72] O'REILLY, MICHAEL, US
[72] WINSHIP, DONNYE, US
[71] O'REILLY WINSHIP, LLC, US
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[54] **ROOFING MATERIALS INCLUDING A PARTING AGENT LAYER**
[54] **MATERIAUX DE TOITURE COMPRENANT UNE COUCHE D'AGENT DE SEPARATION**
[72] VERHOFF, JONATHAN M., US
[72] SCHWEIGER, SCOTT W., US
[72] CLICK, KEVIN A., US
[72] LEWANDOWSKI, LAURAND H., US
[72] HOFFMAN, BENJAMIN R., US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[85] 2020-11-18
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[54] **SYSTEM, METHOD AND APPARATUS FOR REDUCED WATER USAGE FOR FRACTURING HYDROCARBON WELLS WITH THREE-DIMENSIONAL IMAGING OF THE FORMATION FROM A SINGLE BOREHOLE**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR UTILISATION REDUITE D'EAU POUR LA FRACTURATION DE PUITS D'HYDROCARBURES AVEC IMAGERIE TRIDIMENSIONNELLE DE LA FORMATION A PARTIR D'UN SEUL TROU DE FORAGE**
[72] DAVIES, TIM J., CA
[71] CENOVUS ENERGY INC., CA
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[54] **INNOCUOUS, STRUCTURED SCAFFOLDS FOR STRUCTURE-BASED AMYLOID DISEASE VACCINES AND ANTIGENS**
[54] **ECHAFAUDAGES STRUCTURES INOFFENSIFS POUR VACCINS ET ANTIGENES DE MALADIES AMYLOIDES BASES SUR UNE STRUCTURE**
[72] WILLE, HOLGER, CA
[72] FANG, JIARUI, CA
[72] FLORES-FERNANDEZ, JOSE MIGUEL, CA
[72] RATHOD, VINEET, CA
[72] TANG, XINLI, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[54] **MARQUEUR TUMORAL, REACTIF DE DETECTION DE METHYLATION, KIT ET UTILISATION ASSOCIEE**
[72] LIU, XIANGLIN, CN
[72] ZHAO, RONGSONG, CN
[72] ZOU, HONGZHI, CN
[71] CREATIVE BIOSCIENCES (GUANGZHOU) CO., LTD., CN
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[54] **USING ALTERNATING ELECTRIC FIELDS TO INCREASE CELL MEMBRANE PERMEABILITY**
[54] **UTILISATION DE CHAMPS ELECTRIQUES ALTERNATIFS POUR AUGMENTER LA PERMEABILITE DE LA MEMBRANE CELLULAIRE**
[72] CHANG, EDWIN, US
[72] PATEL, CHIRAG B., US
[72] GAMBHIR, SANJIV S., US
[72] VOLOSHIN-SELA, TALI, IL
[72] PORAT, YAARA, IL
[72] GILADI, MOSHE, IL
[71] CHANG, EDWIN, US
[71] PATEL, CHIRAG B., US
[71] GAMBHIR, SANJIV S., US
[71] VOLOSHIN-SELA, TALI, IL
[71] PORAT, YAARA, IL
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[54] **TEXTILE COMPUTING PLATFORM IN SLEEVE FORM**
[54] **PLATEFORME INFORMATIQUE TEXTILE SOUS FORME DE MANCHON**
[72] ALIZADEH-MEGHRAZI, MILAD, CA
[72] STRAKA, ADRIAN, CA
[72] EDELMAN, GODFRIED, CA
[72] PERSIC, JOHN, CA
[72] O'DONOGHUE, KILIAN, CA
[72] CHAHINE, TONY, CA
[71] MYANT INC., CA
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[54] **MYCELIUM WITH REDUCED COEFFICIENT OF FRICTION AND ABRASION RESISTANCE THROUGH MECHANICAL ALTERATION OF MYCELIAL SURFACE MICROSTRUCTURE**
[54] **MYCELIUM A COEFFICIENT DE FROTTEMENT REDUIT ET RESISTANCE A L'ABRASION PAR MODIFICATION MECANIQUE DE MICROSTRUCTURE DE SURFACE MYCELIENNE**
[72] SCULLIN, MATTHEW L., US
[72] CHASE, JORDAN, US
[72] WENNER, NICHOLAS, US
[72] MILLER, QUINN, US
[72] ROSS, PHILIP, US
[71] MYCOWORKS, INC., US
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[86] 2019-07-19 (PCT/US2019/042695)
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[54] **METHOD FOR DETERMINING BACKGROUND TRAFFIC TRANSFER POLICY AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DE POLITIQUE DE TRANSMISSION DE TRAFIC D'ARRIERE-PLAN**
[72] XIN, YANG, CN
[72] WU, XIAOBO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2020-11-19
[86] 2019-05-20 (PCT/CN2019/087653)
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[30] CN (201810491483.8) 2018-05-21
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[54] **TAMPON INSERTION DEVICE**
[54] **DISPOSITIF D'INSERTION DE TAMPON**
[72] KIGHT, ALISON, US
[72] RYALS, LOVIC, US
[72] BUSH, SARAH, US
[71] TINA HOLDINGS, LLC, US
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[86] 2019-05-19 (PCT/US2019/033020)
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[54] **PERFUSION BIOREACTOR, PERFUSION DEVICE, ARTIFICIAL LIVER SYSTEM, AND RELATED METHODS**
[54] **BIOREACTEUR DE PERFUSION, DISPOSITIF DE PERFUSION, SYSTEME DE FOIE ARTIFICIEL ET PROCEDES ASSOCIES**
[72] HABIB, SHAWANA, CA
[72] PAGANELLI, MASSIMILIANO, CA
[72] PAUN, RADU ALEXANDRU, CA
[72] RAGGI, CLAUDIA, CA
[71] MORPHOCELL TECHNOLOGIES INC., CA
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[54] **PROGRESSIVE LENS SIMULATOR WITH AN AXIAL POWER-DISTANCE SIMULATOR**
[54] **SIMULATEUR DE LENTILLE PROGRESSIVE MUNI D'UN SIMULATEUR DE PUISSANCE AXIALE-DISTANCE**
[72] ZIMANYI, GERGELY T., US
[71] EYEBRAIN MEDICAL, INC., US
[85] 2020-11-18
[86] 2019-05-20 (PCT/US2019/033021)
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[51] **Int.Cl. A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF CDK4/6 INHIBITOR IN COMBINATION WITH EGFR INHIBITOR IN THE PREPARATION OF MEDICAMENT FOR TREATING TUMOR DISEASES**
[54] **UTILISATION D'UN INHIBITEUR DE CDK4/6 EN COMBINAISON AVEC UN INHIBITEUR DE L'EGFR DANS LA PREPARATION D'UN MEDICAMENT POUR LE TRAITEMENT DE MALADIES TUMORALES**
[72] ZHANG, LEI, CN
[72] YANG, CHANGYONG, CN
[72] LIAO, CHENG, CN
[72] ZHANG, LIANSHAN, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CH
[85] 2020-11-19
[86] 2019-05-22 (PCT/CN2019/087945)
[87] (WO2019/223716)
[30] CN (201810499596.2) 2018-05-23
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[54] **RADIOLABELED MELANOCORTIN 1 RECEPTOR-SPECIFIC ALPHA-MELANOCYTE-STIMULATING HORMONE ANALOGUES FOR IMAGING OR THERAPY**
[54] **ANALOGUES D'HORMONE STIMULANT DES MELANOCYTES ALPHA SPECIFIQUES DU RECEPTEUR DE LA MELANOCORTINE DE TYPE 1 RADIOMARQUES POUR L'IMAGERIE OU LA THERAPIE**
[72] ZEISLER, JUTTA, CA
[72] BENARD, FRANCOIS, CA
[72] LIN, KUO-SHYAN, CA
[72] ZHANG, CHENGCHENG, CA
[72] ZHANG, ZHENGXING, CA
[71] PROVINCIAL HEALTH SERVICES AUTHORITY, CA
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[86] 2019-05-23 (PCT/CA2019/050703)
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[25] EN
[54] **METHOD FOR PREPARING PRECURSOR OF RECOMBINANT HUMAN INSULIN OR ANALOGUE THEREOF**
[54] **PROCEDE DE PREPARATION D'UN PRECURSEUR D'INSULINE HUMAINE RECOMBINEE OU D'UN ANALOGUE ASSOCIE**
[72] ZHAO, LIANGLIANG, CN
[72] HAN, GUANGJIE, CN
[72] NIU, NINGNING, CN
[72] LI, NA, CN
[72] LIU, YANWEI, CN
[72] WANG, HONGWEI, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
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[54] **SUCTION ACTUATED ELECTROCAUTERY AND SUCTION DEVICE**
[54] **DISPOSITIF D'ELECTROCAUTERISATION ET D'ASPIRATION ACTIONNE PAR ASPIRATION**
[72] KIM, HEUNG BAE, US
[72] RAMOS-GONZALEZ, GABRIEL J., US
[72] YANG, ALEXANDER, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
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[86] 2019-05-20 (PCT/US2019/033047)
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[30] US (62/675,472) 2018-05-23
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[54] **MIST ELIMINATOR DRAINING AND SEALING DEVICE**
[54] **DISPOSITIF DE DRAINAGE ET DE FERMETURE ETANCHE POUR DEVESICULEURS**
[72] PERELLA CLARK, NELSON, BR
[71] NC ENGENHARIA, INDUSTRIA E COMERCIO LTDA., BR
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[86] 2019-05-24 (PCT/BR2019/050190)
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[25] EN
[54] **CRYSTAL FORM OF HYDROCHLORIDE OF PYRAZOLOHETEROARYL DERIVATIVE AND PREPARATION METHOD**
[54] **FORME CRISTALLINE DE CHLORHYDRATE D'UN DERIVE PYRAZOLOHETEROARYLE ET PROCEDE DE PREPARATION**
[72] CAO, XIAOLI, CN
[72] DU, ZHENXING, CN
[72] WANG, LIKUN, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
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[25] EN
[54] **CRYSTAL CHARACTERISTICS, PREPARATION PROCESSES AND ANTICANCER APPLICATIONS OF 17BETA-NERIIFOLIN CRYSTAL FORMS**
[54] **CARACTERISTIQUES CRISTALLINES, PROCEDES DE PREPARATION ET APPLICATIONS ANTICANCEREUSES DE FORMES CRISTALLINES DE 17 BETA-NERIIFOLINE**
[72] LIANG, CHUN, CN
[72] LIU, HAIBIN, CN
[72] ZHANG, ZEMING, CN
[72] SONG, GUOQIANG, CN
[72] LI, YUSHAN, CN
[72] ZHANG, WEIQIANG, CN
[71] ENKANG PHARMACEUTICALS (GUANGZHOU), LTD., CN
[71] ENZHI (GUANGZHOU) PHARMACEUTICALS LIMITED, CN
[71] ENZYNOMICS (H.K.) LIMITED, CN
[71] FOSHAN INTELGEN PHARMACEUTICAL CO. LTD., CN
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[86] 2018-05-16 (PCT/CN2018/087031)
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[54] **SYNCHRONIZED RADAR NETWORKS**
[54] **RESEAUX RADAR SYNCHRONISES**
[72] QUE, RUSSEL, DE
[72] KITTMANN, KLAUS, DE
[72] VON VOITHENBERG, MICHAEL, DE
[71] AIRBUS DEFENCE AND SPACE GMBH, DE
[85] 2020-11-19
[86] 2019-05-22 (PCT/EP2019/063220)
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[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **REPEATED TRANSMISSION METHOD AND COMMUNICATIONS APPARATUS**
[54] **PROCEDE DE TRANSMISSIONS REPETEES ET APPAREIL DE COMMUNICATION**
[72] GUAN, PENG, CN
[72] ZHANG, XI, CN
[72] CHEN, LEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2020-11-19
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[30] CN (201810621605.0) 2018-06-15

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[51] **Int.Cl. G06K 9/20 (2006.01) G06K 9/64 (2006.01) G06K 9/78 (2006.01)**
[25] EN
[54] **MACHINE LEARNING FOR HOME UNDERSTANDING AND NOTIFICATION**
[54] **APPRENTISSAGE AUTOMATIQUE DESTINE A UNE COMPREHENSION ET UNE NOTIFICATION DOMESTIQUES**
[72] MADDEN, DONALD, US
[72] BEACH, ALLISON, US
[72] DOUGHTY, JENNIFER, US
[71] ALARM.COM INCORPORATED, US
[71] OBJECTVIDEO LABS, LLC, US
[85] 2020-11-18
[86] 2019-05-20 (PCT/US2019/033058)
[87] (WO2019/222725)
[30] US (62/673,548) 2018-05-18
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[51] **Int.Cl. G08B 17/107 (2006.01) G08B 17/113 (2006.01)**
[25] EN
[54] **PRINTED CIRCUIT BOARD FOR SMOKE DETECTOR**
[54] **CARTE DE CIRCUIT IMPRIME POUR DETECTEUR DE FUMEE**
[72] PEDERSEN, OLE MARTIN, NO
[72] VANNEBO, PER JOHAN, NO
[72] SVENDSEN, HANS JORGEN, NO
[71] AUTRONICA FIRE & SECURITY AS, NO
[85] 2020-11-19
[86] 2018-05-31 (PCT/EP2018/064380)
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[51] **Int.Cl. A23L 13/40 (2016.01) A23L 13/60 (2016.01)**
[25] EN
[54] **FOOD PRODUCT HAVING FLAVOR-ACTIVE SUBSTANCE MADE FROM RAW MATERIALS OF ANIMAL ORIGIN OR FROM EXTRACTS OF SAME**
[54] **ALIMENT A SUBSTANCE GUSTATIVE A PARTIR DE MATIERES PREMIERES D'ORIGINE ANIMALE OU A PARTIR D'EXTRAITS DE CES DERNIERES**
[72] KUHNL, WOLFGANG, DE
[72] WINNEMOLLER, THOMAS, DE
[72] HERTEL, CHRISTIAN, DE
[72] STEINRIEDE, DIRK, DE
[71] THE FAMILY BUTCHERS NORTRUP GMBH & CO. KG, DE
[71] DIL DEUTSCHES INSTITUT FUR LEBENSMITTELTECHNIK E.V., DE
[85] 2020-11-19
[86] 2019-05-23 (PCT/EP2019/063384)
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[30] DE (10 2018 112 348.5) 2018-05-23

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[51] **Int.Cl. C08J 5/04 (2006.01) A61M 1/00 (2006.01) C08K 7/06 (2006.01) C08K 7/14 (2006.01) C08L 71/00 (2006.01) C08L 81/06 (2006.01)**
[25] EN
[54] **COMPOSITE MATERIAL FOR LOW-WEAR MECHANICAL COMPONENTS FOR FORCE AND MOTION TRANSMISSION**
[54] **MATERIAU COMPOSITE POUR ELEMENTS STRUCTURAUX MECANIQUES PEU SENSIBLES A L'USURE DE LA TRANSMISSION DE FORCE ET DE MOUVEMENT**
[72] FISCHER, GEROME, DE
[72] PETERS, ARNE, DE
[72] KUNZ, WOLFGANG, DE
[72] COHEN, SCOTT, US
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2020-11-19
[86] 2019-05-24 (PCT/EP2019/063538)
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[30] DE (10 2018 208 149.2) 2018-05-24

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[51] **Int.Cl. B01F 7/16 (2006.01) B01F 7/00 (2006.01) B03D 1/16 (2006.01) B03D 1/22 (2006.01)**
[25] EN
[54] **DEVICE FOR GENERATING GAS BUBBLES IN SUSPENSIONS FOR THE ENRICHMENT OF MINERAL AND NON-MINERAL RAW MATERIALS AND USE OF SUCH A DEVICE**
[54] **DISPOSITIF DE GENERATION DE BULLES DE GAZ DANS DES SUSPENSIONS POUR L'ENRICHISSEMENT DE MATIERES PREMIERES MINERALES ET NON MINERALES ET UTILISATION D'UN TEL DISPOSITIF**
[72] TEUBER, HEIKO, DE
[72] BIDARAHALLI, VENKOBA RAO, IN
[72] RAO, MOHAN KUMAR KATUGA SIDDOJI, IN
[71] TAKRAF GMBH, DE
[85] 2020-11-19
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[13] A1
[51] **Int.Cl. A01N 43/56 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **MOLECULE HAVING PESTICIDAL UTILITY, AND COMPOSITIONS, AND PROCESSES, RELATED THERETO**
[54] **MOLECULES A UTILITE PESTICIDE, COMPOSITIONS ET PROCEDES ASSOCIES**
[72] ZHANG, YU, US
[72] TRULLINGER, TONY K., US
[72] KLITTICH, CARLA J.R., US
[72] HUNTER, RICKY, US
[71] DOW AGROSCIENCES LLC, US
[85] 2020-11-18
[86] 2019-05-20 (PCT/US2019/033099)
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[30] US (62/682,248) 2018-06-08

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[13] A1
[51] **Int.Cl. G01S 17/95 (2006.01) G01S 17/32 (2020.01)**
[25] EN
[54] **WIND FIELD INFORMATION MEASUREMENT METHOD AND NACELLE-BASED LIDAR**
[54] **PROCEDE DE MESURE D'INFORMATIONS DE CHAMP DE VENT ET RADAR LASER DE TYPE COMPARTIMENT MOTEUR**
[72] ZHOU, JUN, CN
[72] XIAO, ZENGLI, CN
[72] ZHU, HAILONG, CN
[72] TANG, ANQING, CN
[71] NANJING MOVELASER TECHNOLOGY CO., LTD., CN
[85] 2020-11-19
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[25] EN
[54] **SYNERGESTIC COMBINATION COMPOSITION COMPRISING A STEROIDAL SAPONIN, A FIRST POLYPHENOLIC COMPOUND AND A SECOND POLYPHENOLIC COMPOUND**
[54] **COMPOSITION DE COMBINAISON SYNERGETIQUE COMPRENANT UNE SAPONINE STEROIDIENNE, UN PREMIER COMPOSE POLYPHENOLIQUE ET UN SECOND COMPOSE POLYPHENOLIQUE**
[72] CALLIZOT, NOELLE, FR
[71] NEURALIA, FR
[85] 2020-11-19
[86] 2019-05-24 (PCT/EP2019/063548)
[87] (WO2019/224388)
[30] EP (18174223.0) 2018-05-25

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[51] **Int.Cl. H01R 43/28 (2006.01) B23Q 37/00 (2006.01) H01R 43/05 (2006.01) H01R 43/052 (2006.01) H01R 43/055 (2006.01) H01R 43/26 (2006.01) H01R 43/20 (2006.01)**
[25] EN
[54] **MODULAR WIRE PROCESSING CENTER**
[54] **CENTRE DE TRAITEMENT DE CABLES MODULAIRE**
[72] FROHLICH, CHRISTOPH, DE
[72] LEUPOLZ, HANS, DE
[72] MENNIG, MICHAEL, DE
[72] BRAKEMEIER, LARS, DE
[72] SARRAFZADEGAN, FARHAD, DE
[72] DOGAN, FAYSAL, DE
[72] WEINGART, DANIEL, DE
[71] ZOLLER & FROHLICH GMBH, DE
[71] WEIDMULLER INTERFACE GMBH & CO. KG, DE
[85] 2020-11-19
[86] 2019-05-06 (PCT/EP2019/061562)
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[30] DE (10 2018 110 729.3) 2018-05-04
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[51] **Int.Cl. H01M 10/6556 (2014.01) H01M 10/625 (2014.01) H01M 10/6567 (2014.01) H01M 10/657 (2014.01) B60L 50/64 (2019.01) B60L 58/26 (2019.01) B60L 58/27 (2019.01) H01M 10/48 (2006.01)**
[25] EN
[54] **THERMAL SYSTEMS FOR BATTERY ELECTRIC VEHICLES**
[54] **SYSTEMES THERMIQUES POUR VEHICULES ELECTRIQUES A BATTERIE**
[72] FROHLICH, THOMAS, DE
[72] LINDNER, STEFAN, DE
[71] OUTOKUMPU OYJ, FI
[85] 2020-11-19
[86] 2019-06-03 (PCT/EP2019/064365)
[87] (WO2019/233956)
[30] EP (18175876.4) 2018-06-05

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[51] **Int.Cl. G01S 7/00 (2006.01) G01S 7/35 (2006.01) G01S 7/40 (2006.01) G01S 13/87 (2006.01)**
[25] EN
[54] **MISMATCHED FMCW RADAR SIGNAL**
[54] **SIGNAL RADAR A ONDE CONTINUE A FREQUENCE MODULEE (FMCW) DECALE**
[72] QUE, RUSSEL, DE
[72] KITTMANN, KLAUS, DE
[72] VON VOITHENBERG, MICHAEL, DE
[71] AIRBUS DEFENCE AND SPACE GMBH, DE
[85] 2020-11-19
[86] 2019-05-21 (PCT/EP2019/063129)
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[51] **Int.Cl. B63B 29/04 (2006.01) A47C 1/126 (2006.01) A47C 4/00 (2006.01) A47C 7/02 (2006.01) A47C 17/175 (2006.01) A47C 17/22 (2006.01)**
[25] EN
[54] **FOLDING STOWABLE SEAT FOR A BOAT**
[54] **SIEGE ESCAMOTABLE PLIABLE POUR BATEAU**
[72] MAST, ROD, US
[71] HIGHWATER MARINE, LLC, US
[85] 2020-11-18
[86] 2019-05-20 (PCT/US2019/033146)
[87] (WO2019/222749)
[30] US (62/673,358) 2018-05-18

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[13] A1
[51] **Int.Cl. G07F 7/02 (2006.01) G06Q 10/08 (2012.01) G06Q 20/18 (2012.01)**
[25] EN
[54] **COMPACT VENDING MACHINE**
[54] **DISTRIBUTEUR AUTOMATIQUE COMPACT**
[72] NOOLI, PRAVEEN, US
[72] JAFA, EMAD, US
[71] PEPSICO, INC., US
[85] 2020-11-18
[86] 2019-05-20 (PCT/US2019/033074)
[87] (WO2019/226526)
[30] US (15/986,321) 2018-05-22

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[13] A1
[51] **Int.Cl. F24C 15/20 (2006.01)**
[25] EN
[54] **CONTROL PANEL STRUCTURE OF RANGE HOOD**
[54] **STRUCTURE DE PANNEAU DE COMMANDE DE HOTTE DE CUISINE**
[72] YU, TING, CN
[72] XU, ZHINENG, CN
[71] NINGBO FOTILE KITCHEN WARE CO., LTD, CN
[85] 2020-11-19
[86] 2019-03-13 (PCT/CN2019/077986)
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[30] CN (201820785881.6) 2018-05-24

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[51] **Int.Cl. A61L 27/36 (2006.01) A61F 2/02 (2006.01) A61M 1/10 (2006.01) B01F 5/06 (2006.01) B01L 3/00 (2006.01) C12M 3/00 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **ADDITIVE MANUFACTURE OF COMPLEX IMPLANTABLE LIVING DEVICES**
[54] **FABRICATION ADDITIVE DE DISPOSITIFS VIVANTS IMPLANTABLES COMPLEXES**
[72] VACANTI, JOSEPH P., US
[72] HANCOCK, MATTHEW J., US
[72] OLIVER, MARK S., US
[72] SPANN, ANDREW P., US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2020-11-18
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[51] **Int.Cl. H02H 9/00 (2006.01) H04B 1/3827 (2015.01)**
[25] EN
[54] **METHOD AND APPARATUS TO REDUCE COMMUNICATION DEVICE PEAK CURRENT**
[54] **PROCEDE ET APPAREIL DE REDUCTION DE COURANT DE CRETE DE DISPOSITIF DE COMMUNICATION**
[72] LEE, WAI MUN, MY
[72] DALI, MUHAMAD NOORAZUAN FAKHIR MD, MY
[72] BARTELS, PETER J., US
[72] IDRUS, SYED ISA SYED, MY
[72] FU, YEE BOON, MY
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2020-11-18
[86] 2019-05-23 (PCT/US2019/033644)
[87] (WO2019/236308)
[30] US (16/004,210) 2018-06-08
[30] US (16/259,436) 2019-01-28

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 25/28 (2006.01) C07K 16/18 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **ANTI-ABETA ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-ABETA ET LEURS UTILISATIONS**
[72] SHIH, CHUAN, US
[72] SHIE, FENG-SHIUN, TW
[72] HSU, TSU-AN, TW
[72] SHEN, SANTAI, TW
[71] NATIONAL HEALTH RESEARCH INSTITUTES, TW
[85] 2020-11-18
[86] 2019-05-29 (PCT/US2019/034259)
[87] (WO2019/231957)
[30] US (62/678,080) 2018-05-30

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[13] A1
[51] **Int.Cl. G01N 33/49 (2006.01) C12Q 1/6876 (2018.01) C12Q 1/6883 (2018.01)**
[25] EN
[54] **OPTIMIZED SIGMA-1 AGONIST METHOD OF RESPONDER SELECTION AND TREATMENT**
[54] **METHODE ASSOCIEE A L'AGONISTE SIGMA-1 OPTIMISE DE SELECTION ET DE TRAITEMENT DE REPONDEUR**
[72] MISSLING, CHRISTOPHER U., US
[72] AFSHAR, MOHAMMAD MICHEL, FR
[72] PARMENTIER, FREDERIC, FR
[71] ANAVEX LIFE SCIENCES CORP., US
[85] 2020-11-18
[86] 2019-05-20 (PCT/US2019/033161)
[87] (WO2019/222754)
[30] US (62/673,369) 2018-05-18

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[13] A1
[51] **Int.Cl. B60T 7/22 (2006.01) B60T 8/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING AN AUTOMATED BRAKING APPLICATION**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'UNE APPLICATION DE FREINAGE AUTOMATISEE**
[72] SALVATORA, RANDY J., US
[72] PILKINGTON, ANDREW J., US
[72] TOBER, MICHAEL D., US
[72] BROYLES, NICHOLAS A., US
[72] HOWELL, DAVID W., US
[72] MILLER, THOMAS S., JR., US
[72] BOYCE, DANIEL T., US
[72] KALRA, PARTH, US
[72] SASMAL, SUBASHISH, US
[71] BENDIX COMMERICAL VEHICLE SYSTEMS LLC, US
[85] 2020-11-18
[86] 2019-05-31 (PCT/US2019/034823)
[87] (WO2019/232316)
[30] US (15/994,482) 2018-05-31

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[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR EXTENDING DISCHARGE OVER-CURRENT TRIP TIME IN A BATTERY PROTECTION CIRCUIT**
[54] **PROCEDES ET APPAREILS POUR PROLONGER LE TEMPS DE DECLENCHEMENT SUR SURINTENSITE DE DECHARGE DANS UN CIRCUIT DE PROTECTION DE BATTERIE**
[72] SNYDER, ROBERT L., US
[72] FLOWERS, DONALD L., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2020-11-18
[86] 2019-05-21 (PCT/US2019/033292)
[87] (WO2019/240916)
[30] US (16/006,449) 2018-06-12

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[13] A1
[51] **Int.Cl. B65D 1/04 (2006.01) B65D 51/28 (2006.01) B65D 81/32 (2006.01)**
[25] EN
[54] **MULTI-COMPARTMENT BEVERAGE BOTTLE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE POUR BOUTEILLES DE BOISSONS A PLUSIEURS COMPARTIMENTS**
[72] WILLIS, CLIFTON, US
[72] SCHWARTZ, BRANDON, US
[72] CISNEROS, LAWRENCE, US
[72] LO, FEYATS, US
[71] IN SPIRIT GROUP, INC., US
[85] 2020-11-18
[86] 2019-05-31 (PCT/US2019/035086)
[87] (WO2019/232499)
[30] US (62/679,578) 2018-06-01
[30] US (62/770,657) 2018-11-21

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[13] A1
[51] **Int.Cl. G01N 15/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ANALYZING NATURAL GAS FLOW IN SUBTERRANEAN RESERVOIRS**
[54] **SYSTEMES ET PROCEDES D'ANALYSE D'UN FLUX DE GAZ NATUREL DANS DES RESERVOIRS SOUTERRAINS**
[72] CHEN, HUANGYE, US
[72] LIU, HUI-HAI, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-11-18
[86] 2019-06-03 (PCT/US2019/035179)
[87] (WO2019/236466)
[30] US (62/680,812) 2018-06-05

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) C12N 15/113 (2010.01) A61K 31/196 (2006.01) A61K 31/501 (2006.01) A61K 31/7088 (2006.01) A61P 25/00 (2006.01) C07C 311/39 (2006.01) C07D 211/44 (2006.01) C07D 231/04 (2006.01) C12N 15/12 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING SPINAL CORD INJURY**
[54] **METHODES DE TRAITEMENT D'UNE LESION MEDULLAIRE**
[72] HE, ZHIGANG, US
[72] CHEN, BO, US
[71] THE CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2020-11-18
[86] 2019-05-21 (PCT/US2019/033303)
[87] (WO2019/226643)
[30] US (62/676,464) 2018-05-25

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[13] A1
[51] **Int.Cl. E21B 33/124 (2006.01) E21B 33/126 (2006.01) E21B 43/14 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ISOLATING A WELLBORE ZONE FOR RIGLESS HYDRAULIC FRACTURING**
[54] **SYSTEME ET PROCEDE POUR ISOLER UNE ZONE DE PUITS DE FORAGE POUR UNE FRACTURATION HYDRAULIQUE SANS APPAREIL DE FORAGE**
[72] NOUI-MEHIDI, MOHAMED NABIL, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-11-18
[86] 2019-06-03 (PCT/US2019/035224)
[87] (WO2019/236484)
[30] US (16/002,410) 2018-06-07

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[13] A1
[51] **Int.Cl. E21B 31/00 (2006.01) E21B 31/06 (2006.01)**
[25] EN
[54] **REPULSION FORCE SYSTEMS AND METHODS FOR METAL FISH RETRIEVAL**
[54] **SYSTEMES DE FORCE DE REPULSION ET PROCEDES DE RECUPERATION PAR REPECHAGE DE METAL**
[72] ALSSAFWANY, ALI RADI, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-11-18
[86] 2019-06-04 (PCT/US2019/035311)
[87] (WO2019/236529)
[30] US (16/003,963) 2018-06-08

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[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/51 (2006.01) A61K 31/436 (2006.01) A61K 47/42 (2017.01) A61P 9/12 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING PULMONARY HYPERTENSION**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE L'HYPERTENSION PULMONAIRE**
[72] DESAI, NEIL P., US
[72] HOU, SHIHE, US
[71] ABRAXIS BIOSCIENCE, LLC, US
[85] 2020-11-18
[86] 2019-05-21 (PCT/US2019/033372)
[87] (WO2019/226685)
[30] US (62/675,110) 2018-05-22
[30] US (62/810,290) 2019-02-25
[30] US (62/820,838) 2019-03-19
[30] US (62/820,842) 2019-03-19

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[13] A1
[51] **Int.Cl. H01J 49/02 (2006.01) H01J 49/42 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CALIBRATING OR RESETTING A CHARGE DETECTOR**
[54] **APPAREIL ET PROCEDE D'ETALONNAGE OU DE REINITIALISATION D'UN DETECTEUR DE CHARGE**
[72] JARROLD, MARTIN F., US
[72] ALEXANDER, ANDREW W., US
[72] TODD, AARON R., US
[71] THE TRUSTEES OF INDIANA UNIVERSITY, US
[85] 2020-11-18
[86] 2019-06-04 (PCT/US2019/035381)
[87] (WO2019/236574)
[30] US (62/680,272) 2018-06-04
[30] US (PCT/US2019/013284) 2019-01-11

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[13] A1
[51] **Int.Cl. A61L 2/10 (2006.01)**
[25] EN
[54] **DEVICE WITH A SELF-DISINFECTING SURFACE**
[54] **DISPOSITIF DOTE D'UNE SURFACE AUTO-DESINFECTANTE**
[72] WOOD, STEPHEN R., US
[72] HRADNANSKY, JOHN, US
[71] WOOD, STEPHEN R., US
[71] HRADNANSKY, JOHN, US
[85] 2020-11-18
[86] 2019-06-07 (PCT/US2019/036058)
[87] (WO2019/237001)
[30] US (62/682,342) 2018-06-08

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[13] A1
[51] **Int.Cl. C12M 1/00 (2006.01) C12M 1/36 (2006.01) C12M 1/38 (2006.01) C12M 1/42 (2006.01) G01N 1/28 (2006.01) G01N 35/00 (2006.01) G01N 35/04 (2006.01)**
[25] EN
[54] **SCALABLE, MOBILE, AND RECONFIGURABLE MODULES FOR PROCESSING BIOLOGICAL AND CHEMICAL MATERIALS**
[54] **MODULES EVOLUTIFS, MOBILES ET RECONFIGURABLES POUR LE TRAITEMENT DE MATERIAUX BIOLOGIQUES ET CHIMIQUES**
[72] DAVEY, JAY S., US
[72] MYERS, MATTHEW JONATHAN, US
[72] SERBER, WILLIAM, US
[72] KHULLAR, ANEESH, US
[72] BREMNER, CHRISTOPHER JAMES, US
[72] MCLOUGHLIN, DAVID J., US
[71] ZYMERGEN INC., US
[85] 2020-11-18
[86] 2019-05-23 (PCT/US2019/033733)
[87] (WO2019/226887)
[30] US (62/676,092) 2018-05-24

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[51] **Int.Cl. A23L 31/00 (2016.01) A23P 10/40 (2016.01) A23J 1/00 (2006.01) C12N 1/14 (2006.01) C12P 21/00 (2006.01) A23L 13/00 (2016.01)**
[25] EN
[54] **METHODS FOR GROWING FUNGAL MYCELIUM AND FORMING EDIBLE PRODUCTS THEREFROM**
[54] **PROCEDES DE MISE EN CULTURE DE MYCELIUM FONGIQUE ET DE FORMATION DE PRODUITS COMESTIBLES A PARTIR DE CELUI-CI**
[72] HUGGINS, TYLER, US
[72] WHITELEY, JUSTIN, US
[71] EMERGY INC., US
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[54] **VESICULES EXTRACELLULAIRES ET LEURS UTILISATIONS**
[72] KENT, K. CRAIG, US
[72] GONG, SHAOQIN, US
[72] GUO, LIANWANG, US
[72] WANG, BOWEN, US
[72] CHEN, GUOJUN, US
[72] URABE, GO, US
[71] OHIO STATE INNOVATION FOUNDATION, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
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[54] **BATTERIES INCORPORATING SILICA FIBERS**
[54] **BATTERIES INCORPORANT DES FIBRES DE SILICE**
[72] DELLINGER, MITCH, US
[72] BANKS, SURYA RAJ, US
[71] AMERICAN NANO, LLC, US
[85] 2020-11-18
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[54] **MARQUEUR TUMORAL, REACTIF DE TEST DE METHYLATION, KIT ET APPLICATION ASSOCIEE**
[72] LIU, XIANGLIN, CN
[72] ZHAO, RONGSONG, CN
[72] ZOU, HONGZHI, CN
[71] CREATIVE BIOSCIENCES (GUANGZHOU) CO., LTD., CN
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[54] **EMERGENCY DEVICES**
[54] **DISPOSITIFS D'URGENCE**
[72] FLATHER, MARK J., US
[72] DANIELS, KAREN K., US
[72] MOLL, THOMAS, US
[71] ADAMIS PHARMACEUTICALS CORPORATION, US
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[54] **TOOLING ASSEMBLIES FOR LATHE MACHINES, CNC THREADING LATHES, AND METHODS OF MILLING THREADS IN TUBULAR WORKPIECES**
[54] **ENSEMBLES D'OUTILLAGES DESTINES A DES TOURS, TOURS DE FILETAGE A COMMANDE NUMERIQUE ET PROCEDES DE FRAISAGE DE FILETS DANS DES PIECES A TRAVAILLER TUBULAIRES**
[72] WELSH, RICHARD ALLEN, US
[72] LEGG, JAMES BREN, US
[72] ROY, JAMES ROBERT, US
[71] AMERA-SEIKI, INC., US
[85] 2020-11-18
[86] 2019-05-28 (PCT/US2019/034109)
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[54] **GENERATEUR D'INFRASONS POUR AMELIORER LA COMBUSTION DE COMBUSTIBLES SOLIDES**
[72] OLSSON, MATS, SE
[71] OLSSON, MATS, SE
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[54] **AIR CONDITIONER INTERFACE**
[54] **INTERFACE DE CLIMATISEUR**
[72] KOJIMA, YOSHIHISA, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2020-11-18
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[54] **HIGH PERFORMANCE FOOTBED AND METHOD OF MANUFACTURING SAME**
[54] **ASSISE PLANTAIRE A PERFORMANCE ELEVEE ET SON PROCEDE DE FABRICATION**
[72] HOMER, VON MAURICE, US
[72] MUTSCHLER, CHARLES AARON, US
[72] REINHARTZ, HEATH JARETT, US
[72] DIHARCE, GREGORY, US
[71] MATMARKET LLC, US
[85] 2020-11-18
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[54] **HEAT RECUPERATION SYSTEM FDR HEATSNG E.G, GREENHOUSES**
[54] **SYSTEME DE RECUPERATION DE CHALEUR POUR CHAUFFER, PAR EXEMPLE, DES SERRES**
[72] LAROCQUE, MARTIN, CA
[71] GESTION MARTIN LAROCQUE INC., CA
[85] 2020-11-19
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[54] **ABSORBENT ARTICLES HAVING SHAPED, SOFT AND TEXTURED NONWOVEN FABRICS**
[54] **ARTICLES ABSORBANTS COMPORTANT DES NON TISSES FACONNES, DOUX ET TEXTURES**
[72] GIOVANNI, SARA L., US
[72] ASHRAF, ARMAN, US
[72] WEISMAN, PAUL T., US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2020-11-18
[86] 2019-06-10 (PCT/US2019/036228)
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[54] **MOBILE DEVICE DISINFECTION**
[54] **DESINFECTION DE DISPOSITIF MOBILE**
[72] BAARMAN, DAVID W., US
[71] UV PARTNERS, INC., US
[85] 2020-11-18
[86] 2019-06-10 (PCT/US2019/036298)
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[54] **SEED SORTING**
[54] **TRI DE GRAINES**
[72] POMPE VAN MEERDERVOORT, LOUIS M., US
[72] BORROWMAN, ERIC L., US
[72] CEGLINSKI, JARRETT R., US
[72] CHAUDHARY, GOVIND, US
[72] DE BRUIN, LEENDERT, US
[72] KOTYK, JEFFREY, US
[72] WHITE, BRAD D., US
[71] MONSANTO TECHNOLOGY LLC, US
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[54] **COMPOSES DE PYRAZOLOPYRIMIDINE UTILISES EN TANT QU'ANTAGONISTES DU RECEPTEUR DE L'ADENOSINE**
[72] BELL, ANDREW SIMON, GB
[72] SCHREYER, ADRIAN MICHAEL, GB
[72] VERSLUYS, STEPHANIE, FR
[71] EXSCIENTIA LTD, GB
[71] EVOTEC INTERNATIONAL GMBH, DE
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[54] **ASSEMBLY FOR DISPENSING GRANULAR PRODUCTS**
[54] **ENSEMBLE DE DISTRIBUTION DE PRODUITS GRANULAIRES**
[72] GODART, LUC, FR
[72] BEAUNEVEU, PATRICK, FR
[72] BERTHONNEAU, BRUNO, FR
[71] RIBOULEAU MONOSEM, FR
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[51] **Int.Cl. C12H 3/04 (2019.01)**
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[54] **METHOD FOR DEALCOHOLIZATION OF BEVERAGES**
[54] **PROCEDE DE DESALCOOLISATION DE BOISSONS**
[72] BANNERT, SEBASTIAN, DE
[72] VERHUELSDONK, MARCUS, DE
[72] ZAVREL, MICHAEL, DE
[72] GENSLER, SVEN, DE
[71] CLARIANT PRODUKTE (DEUTSCHLAND) GMBH, DE
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[51] **Int.Cl. C07C 5/48 (2006.01) C07C 11/04 (2006.01) C07C 51/215 (2006.01) C07C 53/08 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PRODUCING ONE OR MORE OLEFINS AND ONE OR MORE CARBOXYLIC ACIDS**
[54] **PROCEDE ET INSTALLATION DE FABRICATION D'UNE OU DE PLUSIEURS OLEFINES ET D'UN OU DE PLUSIEURS ACIDES CARBOXYLIQUES**
[72] ZELLHUBER, MATHIEU, DE
[72] SCHUBERT, MARTIN, DE
[72] MEISWINKEL, ANDREAS, DE
[72] WINKLER, FLORIAN, DE
[72] TOTA, DESISLAVA, DE
[72] ZANDER, HANS-JORG, DE
[71] LINDE GMBH, DE
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[51] **Int.Cl. C12N 5/0784 (2010.01) A61K 35/15 (2015.01)**
[25] EN
[54] **METHOD FOR THE IN VITRO DIFFERENTIATION AND MATURATION OF DENDRITIC CELLS FOR THERAPEUTIC USE**
[54] **PROCEDE DE DIFFERENCIATION ET DE MATURATION IN VITRO DE CELLULES DENDRITIQUES A USAGE THERAPEUTIQUE**
[72] VERMAELEN, KARIM, BE
[71] UNIVERSITEIT GENT, BE
[85] 2020-11-19
[86] 2019-06-20 (PCT/EP2019/066398)
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[54] **CARGO CARRIER**
[54] **PORTE-CHARGE**
[72] BUCHHOLTZ STORM, SOREN, DK
[72] FRITSCHE, GUNTHER, DE
[72] ERIKSSON, HENRIK, SE
[72] NORDANGARD, MARKUS, SE
[72] ANDERSSON, JOAKIM, SE
[72] TREPTOW, JOHN-PATRIK, SE
[71] THULE SWEDEN AB, SE
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[54] **SYSTEM AND METHOD FOR INSPECTING ITEMS**
[54] **SYSTEME ET PROCEDE D'INSPECTION D'ARTICLES**
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[71] SMITHS DETECTION - WATFORD LIMITED, GB
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[54] **ATTELAGE DE REMORQUE MOTORISE**
[72] SMITH, JEROME D., US
[71] POWERHITCH, LLC, US
[85] 2020-11-18
[86] 2019-07-26 (PCT/US2019/043706)
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[54] **BILLE POUR UN ELEMENT DE CHASSIS**
[72] FIELDING, THOMAS ANDREW, GB
[71] AANCO (UK) LIMITED, GB
[85] 2020-11-19
[86] 2019-04-26 (PCT/GB2019/051167)
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[54] **CEILING SYSTEM**
[54] **SYSTEME DE PLAFOND**
[72] HARNISH, SCOTT, US
[72] CANFIJN, NATHAN H., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[85] 2020-11-19
[86] 2019-05-22 (PCT/US2019/033490)
[87] (WO2019/226752)
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[54] **CARDIAC-SPECIFIC TARGETING-PEPTIDE (CTP), COMPOSITIONS, AND USES THEREOF**
[54] **PEPTIDES DE CIBLAGE SPECIFIQUES AU C□UR (CTP), COMPOSITIONS ET UTILISATIONS ASSOCIEES**
[72] ZAHID, MALIHA, US
[71] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2020-11-19
[86] 2019-05-22 (PCT/US2019/033551)
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[54] **COMPOSITIONS AND METHODS FOR TREATING NEURODEGENERATIVE DISORDERS WITH RIFAXIMIN**
[54] **COMPOSITIONS ET METHODES POUR TRAITER DES TROUBLES NEURODEGENERATIFS AVEC LA RIFAXIMINE**
[72] SUHOCKI, PAUL, US
[72] DORAISWAMY, PUDUGRAMAM, US
[71] DUKE UNIVERSITY, US
[85] 2020-11-19
[86] 2019-05-22 (PCT/US2019/033552)
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[25] EN
[54] **GENE THERAPY FOR ALZHEIMER'S DISEASE**
[54] **THERAPIE GENIQUE POUR LA MALADIE D'ALZHEIMER**
[72] SHEN, JIE, US
[72] KELLEHER III, RAYMOND J., US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[25] EN
[54] **CANNABINOIDS AND/OR TERPENES FOR USE IN TRPV1 MODULATION**
[54] **CANNABINOIDES ET/OU TERPENES DESTINES A ETRE UTILISES DANS LA MODULATION TRPV1**
[72] SMALL-HOWARD, ANDREA, CA
[72] TURNER, HELEN, CA
[71] GBS GLOBAL BIOPHARMA, INC., CA
[85] 2020-11-19
[86] 2019-05-22 (PCT/US2019/033618)
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[30] US (62/674,843) 2018-05-22
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[54] **PROCESS FOR PRODUCING ENCAPSULATED AMINO ACIDS FOR RUMINANTS**
[54] **PROCEDE DE PRODUCTION D'ACIDES AMINES ENCAPSULES POUR RUMINANTS**
[72] BASEETH, SHIREEN S., US
[72] CECAVA, MICHAEL J., US
[72] DOANE, PERRY H., US
[72] DONG, SHUOJIA, CA
[72] PRICE, MICHAEL, US
[72] ROHMAN, BRAD, US
[72] STENSRUD, ELIZABETH, US
[71] ARCHER DANIELS MIDLAND COMPANY, US
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[54] **CAPSULE FOR THE PREPARATION OF A COFFEE-BASED BEVERAGE**
[54] **CAPSULE PERMETTANT LA PREPARATION D'UNE BOISSON A BASE DE CAFE**
[72] TOTTONE, FABIO, IT
[72] BUGNANO, LUCA, IT
[72] CUGNETTO, EMILIO, IT
[72] BORELLO, LUISA, IT
[72] BARUS, SILVIA, IT
[72] CABILLI, ALBERTO, IT
[71] LUIGI LAVAZZA S.P.A., IT
[85] 2020-11-19
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[54] **APPARATUS FOR CUTTING PIPES MADE OF PLASTIC MATERIAL**
[54] **APPAREIL POUR LA DECOUPE DE TUYAUX EN MATIERE PLASTIQUE**
[72] GULMINELLI, MARCO, IT
[71] SICA S.P.A., IT
[85] 2020-11-19
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[25] EN
[54] **SYSTEM AND METHOD FOR MILKING OF A DAIRY ANIMAL**
[54] **SYSTEME ET PROCEDE DE TRAITE D'UN ANIMAL LAITIER**
[72] DE WAARD, NICKY, NL
[71] LELY PATENT N.V., NL
[85] 2020-11-03
[86] 2019-05-17 (PCT/NL2019/050288)
[87] (WO2019/226044)
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[54] **N-SUBSTITUTED TETRAHYDROTHIENOPYRIDINE DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE TETRAHYDROTHIENOPYRIDINE N-SUBSTITUES ET LEURS UTILISATIONS**
[72] KOUNDE, CYRILLE, US
[72] SIM, WEI LIN SANDRA, US
[72] SIMON, OLIVER, US
[72] WANG, GANG, US
[72] YEO, HUI QUAN, US
[72] YEUNG, BRYAN KS, US
[72] YOKOKAWA, FUMIAKI, US
[72] ZOU, BIN, US
[71] NOVARTIS AG, CH
[85] 2020-11-19
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[54] **COMPOSES PEPTIDIQUES ET LEURS UTILISATIONS THERAPEUTIQUES**
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[72] BEN-SHIMON, AVI, IL
[71] IMMUNITY PHARMA LTD., IL
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[54] **FISH PROTEIN HYDROLYSATE POWDER AND A COMPOSITION COMPRISING SAID POWDER FOR USE AS A MEDICAMENT**
[54] **POUDRE D'HYDROLYSAT DE PROTEINE DE POISSON ET COMPOSITION COMPRENANT LADITE POUDRE DESTINEE A ETRE UTILISEE EN TANT QUE MEDICAMENT**
[72] FRAMROZE, BOMI PATEL, US
[71] HOFSETH BIOCARE ASA, NO
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[54] **NARROW ANGLE ILLUMINATION RING FOR OPHTHALMIC SURGICAL LASER SYSTEM**
[54] **ANNEAU D'ECLAIRAGE A ANGLE ETROIT POUR SYSTEME LASER CHIRURGICAL OPHTALMIQUE**
[72] DEWEY, DAVID A., US
[72] FELLENZ, FRANK D., US
[72] WANG, TIANHENG, US
[71] AMO DEVELOPMENT, LLC, US
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[54] **FUNCTIONAL FABRIC AND METHOD FOR PRODUCING THE SAME**
[54] **TISSU FONCTIONNEL ET SON PROCEDE DE FABRICATION**
[72] TANIGUCHI, AYANOBU, JP
[72] NOHARA, SHIGERU, JP
[72] TSUKIYAMA, TOMO, JP
[71] AS CORPORATION, JP
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[54] **DETERMINING MECHANICAL PROPERTIES OF COMPOSITE MATERIALS**
[54] **DETERMINATION DE PROPRIETES MECANIQUES DE MATERIAUX COMPOSITES**
[72] HAN, YANHUI, US
[72] ABOUSLEIMAN, YOUNANE N., US
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **METHOD AND APPARATUS FOR PROCESSING VIDEO SIGNAL**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE SIGNAUX VIDEO**
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[71] KT CORPORATION, KR
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[54] **METHODS OF TREATING MYELOPROLIFERATIVE NEOPLASMS**
[54] **METHODES DE TRAITEMENT DES NEOPLASMES MYELOPROLIFERATIFS**
[72] ROTHBAUM, WAYNE, US
[71] KARTOS THERAPEUTICS, INC., US
[85] 2020-11-19
[86] 2019-05-25 (PCT/IB2019/095002)
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[54] **A SOLAR TRACKING SYSTEM**
[54] **SYSTEME DE SUIVI SOLAIRE**
[72] MUKHERJEE, SUDIPTO, IN
[72] KHATAIT, JITENDRA PRASAD, IN
[72] SEN, NILANJAN, IN
[71] SACHAR, VARUN, IN
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[51] **Int.Cl. H04N 19/40 (2014.01) H04N 19/119 (2014.01) H04N 19/126 (2014.01) H04N 19/176 (2014.01)**
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[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE SIGNAL VIDEO**
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[54] **BIO-DEGRADABLE MEANS FOR USE AS DRINKING STRAW, STIRRER AND CHOP STICK AND A METHOD THEREOF**
[54] **MOYEN BIODEGRADABLE A UTILISER COMME PAILLE, AGITATEUR ET BAGUETTE, ET PROCEDE ASSOCIE**
[72] VARGHESE, SAJI, IN
[71] EVLOGIA ECO CARE PRIVATE LIMITED, IN
[85] 2020-11-19
[86] 2019-08-27 (PCT/IN2019/050621)
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[54] **METHOD AND APPARATUS FOR PROCESSING A VIDEO SIGNAL**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE SIGNAL VIDEO**
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[71] KT CORPORATION, KR
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[54] **INTRAOCULAR PRESSURE MEASUREMENT FOR AN EYE DOCKED TO A LASER SYSTEM**
[54] **MESURE DE PRESSION INTRAOCULAIRE POUR UN □IL FIXE A UN SYSTEME LASER**
[72] GONZALEZ, JAVIER G., US
[72] BRETT, MICHAEL, US
[72] GOODING, PHILLIP, US
[71] AMO DEVELOPMENT, LLC, US
[85] 2020-11-19
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[54] **CONTAINING FABRIC, GARMENTS COMPRISING SUCH FABRIC, AND RELATED PRODUCTION METHODS**
[54] **TISSU DE COMPRESSION, VETEMENTS COMPRENANT LEDIT TISSU, ET PROCEDES DE PRODUCTION ASSOCIES**
[72] CORTINOVIS, LAURA, IT
[71] FEETNESS S.R.L., IT
[85] 2020-11-19
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[54] **METHODS AND APPARATUS FOR THE SENSING, COLLECTING, TRANSMISSION, STORAGE, AND DISSEMINATION OF HIGH-RESOLUTION POWER GRID ELECTRICAL MEASUREMENT DATA**
[54] **PROCEDES ET APPAREIL DE DETECTION, DE COLLECTE, DE TRANSMISSION, DE STOCKAGE ET DE DISSEMINATION DE DONNEES DE MESURE ELECTRIQUE D'UN RESEAU ELECTRIQUE HAUTE RESOLUTION**
[72] VANKIRK SIMMONS, CLARKE, GB
[71] NEUVILLE GRID DATA MANAGEMENT LIMITED, GB
[85] 2020-11-19
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[54] **METHOD AND APPARATUS FOR PROCESSING A VIDEO SIGNAL**
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[54] **COMMANDE D'ACQUISITION DE DONNEES POUR INSTRUMENTS ANALYTIQUES PERFECTIONNES AYANT DES SOURCES OPTIQUES PULSEES**
[72] ROTHBERG, JONATHAN M., US
[72] CIPRIANY, BENJAMIN, US
[72] AHMAD, FAISAL R., US
[72] CLARK, JOSEPH D., US
[72] FRIER, DANIEL B., US
[72] FERRIGNO, MICHAEL, US
[72] DAVEY, MELVILLE, US
[72] THURSTON, TOM, US
[72] GYARFAS, BRETT J., US
[72] REARICK, TODD, US
[72] JORDAN, JEREMY CHRISTOPHER, US
[71] QUANTUM-SI INCORPORATED, US
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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/506 (2006.01) A61P 7/00 (2006.01)**
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[54] **MONOHYDRATE AND CRYSTALLINE FORMS OF 6-[(3S,4S)-4-METHYL-1-(PYRIMIDIN-2-YLMETHYL)PYRROLIDIN-3-YL]-3-TETRAHYDROPYRAN-4-YL-7H-IMIDAZO[1,5-A]PYRAZIN-8-ONE**
[54] **FORMES CRISTALLINES ET MONOHYDRATE DE 6-[(3S,4S)-4-METHYL-1-(PYRIMIDIN-2-YLMETHYL)PYRROLIDIN-3-YL]-3-TETRAHYDROPYRAN-4-YL-7H-IMIDAZO[1,5-A]PYRAZIN-8-ONE**
[72] BUTTAR, SUZANNE, US
[72] PITAK, MATEUSZ, US
[72] PATTERSON, ADAM ROSS, US
[72] STRATFORD, SAMUEL ALEXANDER, US
[72] SOVAGO, IOANA, US
[72] XU, JUN, US
[72] ZHOU, PENG, US
[72] WEI, HAOJUAN, US
[72] DAI, KUANGCHU, US
[71] IMARA INC., US
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[51] **Int.Cl. A61M 1/16 (2006.01)**
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[54] **CALCUL D'UN TEMPS D'EPUISEMENT PENDANT UNE DIALYSE**
[72] YUDS, DAVID, US
[72] CRNKOVICH, MARTIN JOSEPH, US
[72] CHHI, KEN, US
[71] FREDENIUS MEDICAL CARE HOLDINGS, INC., US
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[54] **METHODS FOR ASSESSING MACULAR DEGENERATION**
[54] **METHODES D'EVALUATION DE LA DEGENERESCENCE MACULAIRE**
[72] CLARK, SIMON, GB
[72] BISHOP, PAUL, GB
[71] THE UNIVERSITY OF MANCHESTER, GB
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[54] **AIRCRAFT STATUS DETERMINATION BASED ON AIRCRAFT TRANSPONDER SIGNALS**
[54] **DETERMINATION D'ETAT D'AERONEF D'APRES DES SIGNAUX DE TRANSPONDEUR D'AERONEF**
[72] DONHOFFNER, ROBERT ANTHONY, US
[72] WETHERALD, BENNETT MICHAEL, US
[72] REED, DANNY JAY, US
[71] FEDERAL EXPRESS CORPORATION, US
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[54] **AEROSOL GENERATING SYSTEM AND METHOD OF OPERATING THE SAME**
[54] **DISPOSITIF DE GENERATION D'AEROSOL ET SON PROCEDE DE FONCTIONNEMENT**
[72] LEE, SEUNG WON, KR
[72] YOON, SUNG WOOK, KR
[72] PARK, SANG KYU, KR
[72] LEE, JONG SUB, KR
[71] KT&G CORPORATION, KR
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[86] 2020-01-15 (PCT/KR2020/000720)
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[54] **POSTICHE**
[72] GLANZER DA CONCEICAO, AUGUST, AT
[71] GLANZER DA CONCEICAO, AUGUST, AT
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[51] **Int.Cl. G06F 3/0481 (2013.01) G06T 19/00 (2011.01) G06F 3/0488 (2013.01) G06F 9/54 (2006.01)**
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[54] **MACHINE INTERACTION**
[54] **INTERACTION AVEC UNE MACHINE**
[72] MUNRO, ROBERT JASON, NZ
[72] BLACKETT, SHANE ALLAN, NZ
[72] SAGAR, MARK ANDREW, NZ
[71] SOUL MACHINES LIMITED, NZ
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[86] 2019-07-19 (PCT/NZ2019/050083)
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[25] FR
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[54] **SYSTEME DE CULTURE CELLULAIRE EN BIOREACTEUR**
[72] FEYEUX, MAXIME, FR
[72] ALESSANDRI, KEVIN, FR
[72] NASSOY, PIERRE, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] CENTRE NATIONAL DE RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT D'OPTIQUE THEORIQUE ET APPLIQUEE, FR
[85] 2020-11-20
[86] 2019-05-20 (PCT/FR2019/051144)
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[51] **Int.Cl. A61B 17/04 (2006.01) A61F 2/08 (2006.01)**
[25] EN
[54] **SUTURE SYSTEM**
[54] **SYSTEME DE SUTURE**
[72] HOLTON, DANIEL, US
[71] CYPRIS MEDICAL, INC., US
[85] 2020-11-19
[86] 2018-06-13 (PCT/US2018/037406)
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[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 10/08 (2012.01) G08B 29/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING, TRACKING AND TRACING LOGISTICS**
[54] **SYSTEMES ET PROCEDES DE LOGISTIQUE DE SURVEILLANCE, DE SUIVI ET DE RETRACAGE**
[72] HAYNES, CLINTON A., US
[72] BULLARD, JOSEPH KRUMME, US
[72] MORROW, DANIEL L., US
[71] STRESS ENGINEERING SERVICES, INC., US
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[30] US (62/679,300) 2018-06-01
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[25] FR
[54] **DILTIAZEM FOR USE IN THE TREATMENT OF MICROBIAL INFECTIONS**
[54] **DILTIAZEM POUR SON UTILISATION DANS LE TRAITEMENT DES INFECTIONS MICROBIENNES**
[72] ROSA-CALATRAVA, MANUEL, FR
[72] TERRIER, OLIVIER, FR
[72] NICOLAS DE LAMBALLERIE, CLAIRE, FR
[72] BOIVIN, GUY, CA
[72] PIZZORNO, MARIO ANDRES, FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] ECOLE NORMALE SUPERIEURE DE LYON, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITE LAVAL, CA
[85] 2020-11-20
[86] 2019-05-23 (PCT/FR2019/051186)
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[51] **Int.Cl. A61F 2/95 (2013.01) A61F 2/24 (2006.01)**
[25] EN
[54] **SINGLE FIBER CONSTRAINING FOR IMPLANTABLE MEDICAL DEVICES**
[54] **ELEMENT DE CONTRAINTE A UNE SEULE FIBRE POUR DISPOSITIFS MEDICAUX IMPLANTABLES**
[72] SKELTON, TYSON J., US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2020-11-19
[86] 2018-06-14 (PCT/US2018/037586)
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[51] **Int.Cl. C12N 1/06 (2006.01) C12N 15/10 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **LYSIS COIL APPARATUS AND USES THEREOF FOR ISOLATION AND PURIFICATION OF POLYNUCLEOTIDES**
[54] **APPAREIL A BOBINE DE LYSE ET SES UTILISATIONS POUR L'ISOLEMENT ET LA PURIFICATION DE POLYNUCLEOTIDES**
[72] NELSON, JARED, US
[72] RODRIGUEZ, STEPHEN, US
[72] DARNELL, JEFFREY E., US
[71] VGXI INC., US
[85] 2020-11-19
[86] 2019-05-31 (PCT/US2019/034840)
[87] (WO2019/232324)
[30] US (62/678,355) 2018-05-31

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[51] **Int.Cl. H04L 5/00 (2006.01)**
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[54] **MULTIDIMENSIONAL SHARED SPECTRUM ACCESS BETWEEN RADIO AND RADAR SIGNALS**
[54] **ACCES A UN SPECTRE PARTAGE MULTIDIMENSIONNEL ENTRE DES SIGNAUX RADAR ET RADIO**
[72] HAMMOND, MARK B., US
[72] RAKIJAS, MICHAEL, US
[72] GUREVICH, MARINA, US
[71] RAYTHEON COMPANY, US
[85] 2020-11-19
[86] 2019-04-02 (PCT/US2019/025291)
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[30] US (16/047,765) 2018-07-27

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[51] **Int.Cl. A01G 7/02 (2006.01) A01G 7/04 (2006.01) A01G 9/14 (2006.01) A01G 9/18 (2006.01) A01G 9/24 (2006.01) A01G 31/06 (2006.01)**
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[54] **DISPOSITIF D'ECLAIRAGE ET DE VENTILATION**
[72] AYKROYD, HENRY, GB
[72] SCOTT, DAVID, GB
[72] SKINNER, NIALL ALEXANDER, GB
[71] INTELLIGENT GROWTH SOLUTIONS LIMITED, GB
[85] 2020-11-19
[86] 2019-05-24 (PCT/GB2019/051434)
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[30] GB (1808664.5) 2018-05-25

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[51] **Int.Cl. G01V 8/00 (2006.01) G01K 11/00 (2006.01)**
[25] EN
[54] **HIGHLY INTEGRATED MINIATURE RADIOMETER CHIP**
[54] **PUCE DE RADIOMETRE MINIATURE HAUTEMENT INTEGREE**
[72] AMMAR, DANNY, US
[71] VU SYSTEMS, LLC, US
[85] 2020-11-19
[86] 2019-05-01 (PCT/US2019/030163)
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[51] **Int.Cl. G09B 23/28 (2006.01)**
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[54] **SYSTEME DE SIMULATION CHIRURGICALE DU HILE RENAL**
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[72] HOFSTETTER, GREGORY, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
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[54] **SHREDDER FOR COMMINUTING BULK MATERIAL**
[54] **DECHIQUETEUSE POUR BROYER UN MATERIAU EN VRAC**
[72] MCCALL, MICHAEL JAY, US
[72] GALLOWAY, EDWIN, US
[72] HADEN, TYLER, US
[72] HARTHOORN, DUANE ALLEN, US
[72] YEE, YOUNG MIN, US
[72] MELDRUM, WARD BOYCE, US
[72] GARDNER, JOHN GARY, US
[71] VERMEER MANUFACTURING COMPANY, US
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[30] US (62/675,540) 2018-05-23

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[54] **RAIL-MOUNTED RAIL PROCESSING MACHINE**
[54] **MACHINE DE TRAITEMENT DE RAILS ROULANT SUR RAILS**
[72] HASELSTEINER, PHILIPP, AT
[71] MATE GMBH, AT
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[54] **RED SEAWEED EXTRACTS, FORMULATIONS AND ANTI-MICROBIAL USES THEREOF**
[54] **EXTRAITS D'ALGUES ROUGES, FORMULATIONS ET LEURS UTILISATIONS ANTIMICROBIENNES**
[72] BOBBITT, JUDITH, CA
[72] ZEIN, AHMED, CA
[71] OCEANS LTD., CA
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[54] **ANTI-PVRIG/ANTI-TIGIT BISPECIFIC ANTIBODIES AND METHODS OF USE**
[54] **ANTICORPS BISPECIFIQUES ANTI-PVRIG/ANTI-TIGIT ET PROCEDES D'UTILISATION**
[72] DRAKE, ANDREW W., IL
[72] KUMAR, SANDEEP, IL
[72] MITRA, SAYANTAN, IL
[72] SALLES, ADAM, IL
[72] WHELAN, SARAH, IL
[72] KASHYAP, ARUN, IL
[72] AKAMA, KEITH, IL
[72] YEVALEKAR, NEHA, IL
[72] SANTAMARIA, CARLOS FABRICIO, IL
[71] COMPUGEN LTD, IL
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[86] 2019-05-31 (PCT/US2019/035062)
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[25] EN
[54] **METHODS AND COMPOSITIONS COMPRISING TANKYRASE INHIBITORS FOR GENERATING INSULIN PRODUCING CELLS**
[54] **PROCEDES ET COMPOSITIONS COMPRENANT DES INHIBITEURS DE TANKYRASE POUR PRODUIRE DES CELLULES PRODUISANT DE L'INSULINE**
[72] NOSTRO, MARIA CRISTINA, CA
[72] SARANGI, FARIDA, CA
[72] KORYTNIKOV, ROMAN, CA
[72] MCGAUGH, EMILY, CA
[72] POON, FRANKIE HOI CHUN, CA
[71] UNIVERSITY HEALTH NETWORK, CA
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[54] **A METHOD AND SYSTEM FOR OPERATING A HYDROFOIL BOARD**
[54] **PROCEDE ET SYSTEME POUR FAIRE FONCTIONNER UN PANNEAU HYDRODYNAMIQUE**
[72] TREWERN, DAVID, AU
[71] FLITEBOARD PTY LTD, AU
[85] 2020-11-20
[86] 2019-03-25 (PCT/AU2019/050262)
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[54] **WALL ANCHORS AND ASSEMBLIES FOR HEAVYWEIGHT OBJECTS**
[54] **DISPOSITIFS D'ANCRAGE AU MUR ET ENSEMBLES POUR OBJETS LOURDS**
[72] HOFFMAN, JOSEPH A., US
[72] DIAS MARQUES FARIA, TATIANE, US
[72] THOMPSON, CRAIG D., US
[72] OLSON, JUDD D., US
[72] ELLER, MICHELE A., US
[72] PAN, ANGELA L., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[25] EN
[54] **METHOD FOR PREPARING AN AQUEOUS DISPERSION OF METAL OXIDE PARTICLES**
[54] **PROCEDE DE PREPARATION D'UNE DISPERSION AQUEUSE DE PARTICULES D'OXYDE METALLIQUE**
[72] BANSAL, VIPUL, AU
[72] SINGH, MANDEEP, AU
[72] RAMANATHAN, RAJESH, AU
[72] ANDERSON, AMANDA, AU
[71] ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY, AU
[85] 2020-11-20
[86] 2019-05-22 (PCT/AU2019/050500)
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[51] **Int.Cl. G06N 3/04 (2006.01) G06N 3/067 (2006.01)**
[25] EN
[54] **OPTOELECTRONIC COMPUTING SYSTEMS**
[54] **SYSTEMES INFORMATIQUES OPTOELECTRONIQUES**
[72] SHEN, YICHEN, US
[72] JING, LI, US
[72] DANGOVSKI, RUMEN, US
[72] XIE, PENG, US
[72] MENG, HUAIYU, US
[72] KHOURY, MATTHEW, US
[72] LU, CHENG-KUAN, US
[72] GAGNON, RONALD, US
[72] STEINMAN, MAURICE, US
[72] WU, JIANHUA, US
[72] HOSSEINZADEH, ARASH, US
[71] LIGHTELLIGENCE, INC., US
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[86] 2019-06-04 (PCT/US2019/035403)
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[25] EN
[54] **COMPOSITIONS AND METHODS OF MUSCLE SPECIFIC KINASE CHIMERIC AUTOANTIBODY RECEPTOR CELLS**
[54] **COMPOSITIONS DE CELLULES DE RECEPTEUR D'AUTO-ANTICORPS CHIMERIQUE KINASE A SPECIFICITE MUSCULAIRE ET METHODES CORRESPONDANTES**
[72] PAYNE, AIMEE S., US
[72] ELLEBRECHT, CHRISTOPH T., US
[72] OH, SANGWOOK, US
[72] MILONE, MICHAEL C., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[25] EN
[54] **METHOD AND SYSTEM FOR MOVING AND REMOVING WINTER CONTAMINANTS FROM AIRFIELD AND ROADWAY PAVEMENTS USING A SYSTEM OF ATTACHMENTS**
[54] **PROCEDE ET SYSTEME POUR DEPLACER ET ELIMINER DES CONTAMINANTS HIVERNAUX D'UN TERRAIN D'AVIATION ET DE CHAUSSEES A L'AIDE D'UN SYSTEME D'ACCESSOIRES**
[72] MCKEOWN, STEPHEN LYLE, CA
[72] MCKEOWN, SAMUEL, CA
[72] CUDMORE, PAUL EDWARD, CA
[72] SHATTUCK, TY, CA
[71] EAGLE AEROSPACE LTD., CA
[85] 2020-11-20
[86] 2019-05-22 (PCT/CA2019/050695)
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[51] **Int.Cl. A63H 5/00 (2006.01) A63H 33/00 (2006.01)**
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[54] **JOUET GEOMETRIQUE**
[72] HYSLOP, MELISSA, CA
[71] MUNCH BABY INC., CA
[85] 2020-11-20
[86] 2019-02-25 (PCT/CA2019/050225)
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[25] EN
[54] **METHOD FOR SENSING AND COMMUNICATION OF BIOMETRIC DATA AND FOR BIDIRECTIONAL COMMUNICATION WITH A TEXTILE BASED SENSOR PLATFORM**
[54] **PROCEDE DE DETECTION ET DE COMMUNICATION DE DONNEES BIOMETRIQUES ET DE COMMUNICATION BIDIRECTIONNELLE AVEC UNE PLATEFORME DE CAPTEUR A BASE DE TEXTILE**
[72] CHAHINE, TONY, CA
[71] MYANT INC., CA
[85] 2020-11-20
[86] 2019-05-22 (PCT/CA2019/050697)
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[25] EN
[54] **PIN AND RETAINER LOCKING SYSTEM**
[54] **SYSTEME DE VERROUILLAGE A GOUPILLE ET ELEMENT DE RETENUE**
[72] STOLZ, MICHAEL R., US
[71] CATERPILLAR INC., US
[85] 2020-11-19
[86] 2019-06-05 (PCT/US2019/035534)
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[25] EN
[54] **METHODS OF TREATING CANCERS CHARACTERIZED BY A HIGH EXPRESSION LEVEL OF SPINDLE AND KINETOCHORE ASSOCIATED COMPLEX SUBUNIT 3 (SKA3) GENE**
[54] **METHODES DE TRAITEMENT DE CANCERS CARACTERISES PAR UN TAUX ELEVE D'EXPRESSION DU GENE DE LA SOUS-UNITE 3 DU COMPLEXE ASSOCIE AU FUSEAU ET AU KINETOCHORE (SKA3)**
[72] HAIBE-KAINS, BENJAMIN, CA
[72] CESCON, DAVID, CA
[71] UNIVERSITY HEALTH NETWORK, CA
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[86] 2019-05-22 (PCT/CA2019/050699)
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[30] US (62/675,228) 2018-05-23

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[51] **Int.Cl. F21S 4/28 (2016.01) F21V 17/00 (2006.01) F21V 19/00 (2006.01)**
[25] EN
[54] **FRAMING SYSTEM FOR LIGHT EMITTING DIODE LINEAR FLUORESCENT LAMP REPLACEMENT**
[54] **SYSTEME D'ARMATURE POUR REMPLACEMENT DE LAMPE FLUORESCENTE LINEAIRE A DIODES ELECTROLUMINESCENTES**
[72] PETRESCU, ALIN IONUT, CA
[72] D'AMICO, BRUNO, CA
[72] DOSS, MICHEL, CA
[72] LEE, BARRON, CA
[72] SPIVOCK, ROBERT DAVID, CA
[71] CURRENT LIGHTING SOLUTIONS, LLC, US
[85] 2020-11-19
[86] 2019-06-05 (PCT/US2019/035554)
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[30] US (62/681,512) 2018-06-06

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[51] **Int.Cl. B01J 19/00 (2006.01) B01J 19/24 (2006.01)**
[25] EN
[54] **A PULSED FLOW REACTOR AND USE THEREOF**
[54] **REACTEUR A ECOULEMENT PULSE ET SON UTILISATION**
[72] METTEN, BERT D.F., BE
[72] TOYE, KOEN, BE
[72] VAN AKEN, KOEN JEANNE ALFONS, BE
[72] DEBROUWER, WOUTER, BE
[71] AJINOMOTO OMNICHEM, BE
[71] ECOSYNTH, BE
[85] 2020-11-20
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[87] (WO2019/224376)
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[51] **Int.Cl. H04W 76/19 (2018.01) H04W 36/00 (2009.01)**
[25] EN
[54] **INFORMATION OBTAINING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF D'ACQUISITION D'INFORMATIONS**
[72] ZHAO, WEIXING, CN
[72] WANG, YAN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2020-11-20
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[51] **Int.Cl. A01N 25/04 (2006.01)**
[25] EN
[54] **AGROCHEMICAL FORMULATIONS CONTAINING A POLYMERIC CRYSTAL GROWTH INHIBITOR**
[54] **FORMULATIONS AGROCHIMIQUES CONTENANT UN INHIBITEUR DE CROISSANCE DE CRISTAUX POLYMERES**
[72] SINGH, MILIND, US
[72] DAS, ANJAN, US
[72] ROSA, FRED, US
[72] HANSON, WILLIAM, US
[72] FAERS, MALCOLM, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2020-11-20
[86] 2019-05-22 (PCT/EP2019/063268)
[87] (WO2019/224280)
[30] US (62/676,518) 2018-05-25
[30] EP (18204757.1) 2018-11-06

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[51] **Int.Cl. F23D 14/04 (2006.01) F23D 14/26 (2006.01) F23D 14/46 (2006.01) F23D 14/58 (2006.01) F23D 14/64 (2006.01)**
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[54] **COOKER BURNER**
[54] **BRULEUR DE CUISEUR A ENTREE D'AIR SUPERIEURE**
[72] LU, HUASHI, CN
[71] NINGBO FOTILE KITCHEN WARE CO., LTD, CN
[85] 2020-11-20
[86] 2019-03-13 (PCT/CN2019/077984)
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[30] CN (201810503164.4) 2018-05-23

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[51] **Int.Cl. A61K 31/202 (2006.01) A61P 1/00 (2006.01) A61P 3/08 (2006.01) A61P 3/10 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **STRUCTURALLY MODIFIED FATTY ACIDS FOR IMPROVING GLYCEMIC CONTROL AND TREATING INFLAMMATORY BOWEL DISEASE**
[54] **ACIDES GRAS STRUCTURELLEMENT MODIFIES POUR AMELIORER LA REGULATION GLYCEMIQUE ET TRAITER UNE MALADIE INTESTINALE INFLAMMATOIRE**
[72] FRASER, DAVID ALAN, NO
[72] SKJÆRET, TORE, NO
[72] SCHUPPAN, DETLEF, DE
[71] NORTHSEA THERAPEUTICS B.V., NL
[71] BASF AS, NO
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[86] 2019-05-22 (PCT/IB2019/000655)
[87] (WO2019/224602)
[30] NO (20180714) 2018-05-23

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[25] EN
[54] **DEVICE FOR AVERTING DANGER**
[54] **DISPOSITIF DE PREVENTION DE DANGERS**
[72] ZASTROW, FRANK, DE
[71] ZASTROW, FRANK, DE
[85] 2020-11-20
[86] 2019-05-06 (PCT/DE2019/200037)
[87] (WO2019/228595)
[30] DE (10 2018 208 346.0) 2018-05-28
[30] DE (10 2018 211 418.8) 2018-07-10

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[51] **Int.Cl. C10M 141/12 (2006.01) C10M 125/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREVENTING OR REDUCING LOW SPEED PRE-IGNITION IN DIRECT INJECTED SPARK-IGNITED ENGINES WITH SILANE-CONTAINING LUBRICANT**
[54] **PROCEDE DE PREVENTION OU DE REDUCTION DE PREALLUMAGE A FAIBLE VITESSE DANS DES MOTEURS A BOUGIE A INJECTION DIRECTE AVEC UN LUBRIFIANT CONTENANT DU SILANE**
[72] MILLER, JOHN ROBERT, US
[71] CHEVRON ORONITE COMPANY LLC, US
[85] 2020-11-19
[86] 2019-05-09 (PCT/IB2019/053829)
[87] (WO2019/224644)
[30] US (62/676,504) 2018-05-25

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[51] **Int.Cl. A61F 13/496 (2006.01) A61F 13/513 (2006.01) A61F 13/514 (2006.01)**
[25] EN
[54] **DISPOSABLE PANT ARTICLE AND METHOD FOR PRODUCING DISPOSABLE PANT ARTICLES**
[54] **ARTICLE DE CULOTTE JETABLE ET PROCEDE DE PRODUCTION D'ARTICLES DE CULOTTE JETABLE**
[72] LJUNGBERG, KARIN, SE
[72] ERIKSSON, KATARINA, SE
[72] BACK, LUCAS, SE
[72] STENBERG, ANNA, SE
[71] ESSITY HYGIENE AND HEALTH AKTIEBOLAG, SE
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[25] EN
[54] **METHOD FOR PREVENTING OR REDUCING LOW SPEED PRE-IGNITION IN DIRECT INJECTED SPARK-IGNITED ENGINES WITH MANGANESE-CONTAINING LUBRICANT**
[54] **PROCEDE DE PREVENTION OU DE REDUCTION DE PRE-ALLUMAGE A FAIBLE VITESSE DANS DES MOTEURS A ALLUMAGE COMMANDE A INJECTION DIRECTE AVEC UN LUBRIFIANT CONTENANT DU MANGANESE**
[72] ELLIOTT, IAN G., US
[72] MARIA, AMIR GAMAL, US
[72] CHERPECK, RICHARD EUGENE, US
[72] GUNAWAN, THERESA LIANG, US
[72] THOMAS, ANDREW M., US
[71] CHEVRON U.S.A. INC., US
[71] CHEVRON ORONITE COMPANY LLC, US
[85] 2020-11-19
[86] 2019-05-10 (PCT/IB2019/053891)
[87] (WO2019/224647)
[30] US (62/676,607) 2018-05-25

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[51] **Int.Cl. A45D 2/02 (2006.01) A45D 2/10 (2006.01) A45D 2/12 (2006.01)**
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[54] **APPARATUS FOR CURLING HAIR**
[54] **APPAREIL PERMETTANT DE BOUCLER LES CHEVEUX**
[72] SUNDERLAND, GARY, GB
[72] TAYLOR, GARY, GB
[71] THE HOUSE OF CURLS LTD, GB
[85] 2020-11-20
[86] 2019-05-21 (PCT/GB2019/051398)
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[30] GB (1808306.3) 2018-05-21

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[51] **Int.Cl. B60L 50/50 (2019.01) B60L 53/35 (2019.01) B60L 53/60 (2019.01) F25D 11/00 (2006.01)**
[25] EN
[54] **AUTOMATED SYSTEM FOR THE ELECTRICAL CONNECTION AND DISCONNECTION OF REFRIGERATED CONTAINERS TO A POWER SUPPLY AND/OR DATA TRANSMISSION NETWORK**
[54] **SYSTEME AUTOMATISE PERMETTANT LA CONNEXION ET LA DECONNEXION ELECTRIQUE DE CONTENEURS REFRIGERES A/ D'UN RESEAU D'ALIMENTATION ELECTRIQUE ET/OU DE TRANSMISSION DE DONNEES**
[72] PELLEGROTTI, FUVIO, IT
[72] BECCE, ALESSANDRO, IT
[72] CURLETTO, PIERLUIGI, IT
[72] MINOPOLI, VINCENZO, IT
[71] ARMS S.R.L., IT
[85] 2020-11-19
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[30] IT (102018000005738) 2018-05-25

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[51] **Int.Cl. B65D 81/32 (2006.01) B65D 83/06 (2006.01) C01B 11/04 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PREPARING HYPOCHLOROUS ACID SOLUTIONS WITH PROLONGED SHELF-LIFE**
[54] **PROCEDE ET SYSTEME PERMETTANT DE PREPARER DES SOLUTIONS D'ACIDE HYPOCHLOREUX A DUREE DE CONSERVATION PROLONGEE**
[72] CUNNINGHAM, EMMETT MANUEL, US
[71] CUNNINGHAM, EMMETT MANUEL, US
[85] 2020-11-19
[86] 2019-06-05 (PCT/US2019/035658)
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[54] **ANTIPROLIFERATIVE COMPOUNDS AND BISPECIFIC ANTIBODY AGAINST BCMA AND CD3 FOR COMBINED USE**
[54] **COMPOSES ANTIPROLIFERATIFS ET ANTICORPS BISPECIFIQUE CONTRE BCMA ET CD3 POUR UNE UTILISATION COMBINEE**
[72] PIERCE, DANIEL W., US
[72] WONG, LILLY L., US
[71] CELGENE CORPORATION, US
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[54] **MESURE EN LIGNE DE SYSTEME DE REMPLISSAGE**
[72] BERNACKI, JOSEPH, US
[72] MARSIGLIO, DANIEL, US
[72] RATHORE, NITIN, US
[71] AMGEN INC., US
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[54] **METHODS OF INHIBITING CEREBRAL INFLAMMATION**
[54] **METHODES D'INHIBITION DE L'INFLAMMATION CEREBRALE**
[72] MERKLER, DORON, CH
[72] STEINBACH, KARIN ELKE, CH
[72] HARTLEY, OLIVER, CH
[71] ORION BIOTECHNOLOGY SWITZERLAND SARL, CH
[71] UNIVERSITE DE GENEVE, CH
[71] HOPITAUX UNIVERSITAIRES DE GENEVE, CH
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[54] **METHODS OF MAKING CHITOSAN**
[54] **PROCEDES DE FABRICATION DE CHITOSANE**
[72] TOLSTORUKOV, ILYA, US
[72] TAYLOR, CHARLES, US
[72] RAY, ANIMESH, US
[72] BARDLIVING, CAMERON, US
[72] CHAMBERLAIN, BRENT, US
[71] MYKITO SCIENCES INC., US
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[54] **CURABLE MATERIAL DISPENSING SYSTEM AND METHODS OF OPERATING AND PACKAGING THE SAME**
[54] **SYSTEME DE DISTRIBUTION DE MATERIAU DURCISSABLE ET PROCEDES DE FONCTIONNEMENT ET SON EMBALLAGE**
[72] BROCKMAN, CHRISTOPHER, US
[72] HARSHMAN, GABRIEL, US
[71] STRYKER CORPORATION, US
[85] 2020-10-08
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[54] **SYSTEMS AND METHODS OF PERFORMING TRANSCANAL EAR SURGERY**
[54] **SYSTEMES ET PROCEDES CONSISTANT A EFFECTUER LA CHIRURGIE AURICULAIRE TRANSCANALAIRE**
[72] O'SHEA, CONOR, IE
[72] VAUGHAN, AIDAN, IE
[72] CONNOLLY, EOIN, IE
[72] CURTIN, DAMIAN MICHAEL, IE
[71] STRYKER EUROPEAN HOLDINGS I, LLC, US
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[54] **NON TISSES ET ARTICLES ABSORBANTS COMPORTANT DES NON TISSES FACONNES, DOUX ET TEXTURES**
[72] GIOVANNI, SARA L., US
[72] ASHRAF, ARMAN, US
[72] WEISMAN, PAUL T., US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **COMPOSITIONS FOR THERAPY AND HEALTH CONTAINING AMINO ACIDS WITH BITTER TASTE**
[54] **COMPOSITIONS POUR THERAPIE ET SOIN CONTENANT DES ACIDES AMINES AYANT UN GOUT AMER**
[72] HANLON, THOMAS, US
[72] WOOD, ANDREW M., US
[71] AXCELLA HEALTH INC., US
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[54] **ESTIMATION DE PROBABILITE PONDEREE EFFICACE POUR CODAGE ARITHMETIQUE BINAIRE**
[72] SAID, AMIR, US
[72] EGILMEZ, HILMI ENES, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
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[54] **MULTI-DIAMETER WIRE FEEDER**
[54] **DEVIDOIR MULTI-DIAMETRE**
[72] KILCOYNE, SCOTT, US
[72] DOLL, MATEO PENA, US
[72] BARRIGA, SALVADOR, US
[71] DIGITAL ALLOYS INCORPORATED, US
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[54] **METHOD FOR PRODUCING SUBSTITUTED N-ARYL PYRAZOLES**
[54] **PROCEDE DE FABRICATION DE N-ARYLPYRAZOLES SUBSTITUES**
[72] REMBIAK, ANDREAS, DE
[72] MECHLER, THOMAS, DE
[72] FORD, MARK JAMES, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
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[54] **TOPICAL FORMULATIONS OF DGAT1 INHIBITORS AND THEIR METHODS OF USE**
[54] **FORMULATIONS TOPIQUES D'INHIBITEURS DE DGAT1 ET LEURS PROCEDES D'UTILISATION**
[72] KALLURI, HARIPRIYA, US
[72] LEMING, ROBERT, US
[72] JAIN, PIYUSH, US
[71] DERMAVANT SCIENCES GMBH, CH
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[54] **METHOD FOR PRODUCING HALOGENATED N-ARYLPYRAZOLES**
[54] **PROCEDE DE PRODUCTION DE N-ARYLPYRAZOLES HALOGENES**
[72] REMBIAK, ANDREAS, DE
[72] HEILMANN, EIKE KEVIN, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
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[54] **CRISPR/CAS AND TRANSPOSASE BASED AMPLIFICATION COMPOSITIONS, SYSTEMS AND METHODS**
[54] **COMPOSITIONS, SYSTEMES ET PROCEDES D'AMPLIFICATION A BASE DE CRISPR/CAS ET DE TRANSPOSASE**
[72] ZHANG, FENG, US
[72] KELLNER, MAX, US
[72] GOOTENBERG, JONATHAN, US
[72] ABUDAYYEH, OMAR, US
[71] THE BROAD INSTITUTE, INC., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **NANOFIBRILLAR CELLULOSE HYDROGEL**
[54] **HYDROGEL DE CELLULOSE NANOFIBRILLAIRE**
[72] NUOPPONEN, MARKUS, FI
[72] PAASONEN, LAURI, FI
[72] SATOMAA, TERO, FI
[72] AITIO, OLLI, FI
[72] HELIN, JARI, FI
[71] UPM-KYMMENE CORPORATION, FI
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[54] **HEAVY CHAIN ANTIBODIES BINDING TO CD19**
[54] **ANTICORPS A CHAINE LOURDE SE LIANT A CD19**
[72] ALDRED, SHELLEY FORCE, US
[72] VAN SCHOOTEN, WIM, US
[72] HARRIS, KATHERINE, US
[72] RANGASWAMY, UDAYA, US
[72] TRINKLEIN, NATHAN, US
[71] TENEOBIO, INC., US
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[54] **INSTRUMENT ELECTROCHIRURGICAL**
[72] HANCOCK, CHRISTOPHER PAUL, GB
[72] BURN, PATRICK, GB
[72] SHAH, PALLAV, GB
[71] CREO MEDICAL LIMITED, GB
[85] 2020-11-20
[86] 2019-05-24 (PCT/EP2019/063488)
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[54] **AEROSOL GENERATION**
[54] **GENERATION D'AEROSOL**
[72] REES, KELLY, GB
[72] TODD, RICHARD, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2020-11-20
[86] 2019-05-24 (PCT/EP2019/063501)
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[54] **COMBINED PROPHYLACTIC AND THERAPEUTIC VACCINES**
[54] **VACCINS PROPHYLACTIQUES ET THERAPEUTIQUES COMBINES**
[72] MULLER, MARTIN, DE
[72] OTTONELLO, SIMONE, IT
[72] ZHAO, XUEER, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[85] 2020-11-20
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[54] **SEALING COMPOUNDS FOR SELF-SEALING TYRES**
[54] **COMPOSES D'ETANCHEITE POUR PNEUMATIQUES AUTO-OBTURANTS**
[72] ZHOU, JIAWEN, DE
[72] STOJCEVIC, GORAN, DE
[71] ARLANXEO DEUTSCHLAND GMBH, DE
[85] 2020-11-20
[86] 2019-06-12 (PCT/EP2019/065332)
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[54] **SUBSTITUTED ALKOXYPYRIDINYL INDOLSULFONAMIDES**
[54] **ALCOXYPYRIDINYL INDOLSULFONAMIDES SUBSTITUES**
[72] PEGURIER, CECILE, BE
[72] PROVINS, LAURENT, BE
[72] ISIN, EMRE M., BE
[72] LEDECQ, MARIE, BE
[71] UCB PHARMA GMBH, DE
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[86] 2019-06-19 (PCT/EP2019/066148)
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[51] **Int.Cl. G06T 7/20 (2017.01) G06K 9/00 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATIC DETECTION OF REFEREE'S DECISIONS IN A BALL-GAME**
[54] **SYSTEME ET PROCEDE DE DETECTION AUTOMATIQUE DES DECISIONS D'ARBITRE DANS UN JEU DE BALLE**
[72] OZ, GAL, IL
[72] LIBERMAN, YOAV, IL
[71] PIXELLOT LTD., IL
[85] 2020-11-20
[86] 2019-05-22 (PCT/IL2019/050580)
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[54] **A SYNTHETIC OPHTHALMIC GRAFT PATCH**
[54] **TIMBRE DE GREFFE OPHTALMIQUE SYNTHETIQUE**
[72] LITVIN, GILAD, IL
[71] CORNEAT VISION LTD., IL
[85] 2020-11-20
[86] 2019-06-05 (PCT/IL2019/050640)
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[51] **Int.Cl. G06F 13/00 (2006.01)**
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[54] **CONTENT MANAGEMENT APPARATUS, CONTENT MANAGEMENT METHOD, AND PROGRAM**
[54] **DISPOSITIF DE GESTION DE CONTENU, PROCEDE DE GESTION DE CONTENU ET PROGRAMME**
[72] FUSHIMI, YUKO, JP
[72] SUEDA, YOSHIKAZU, JP
[72] YASUHARA, TAKAYUKI, JP
[72] SAKAUE, SATOSHI, JP
[72] KAWAUCHI, TETSUYA, JP
[72] NAGASUE, MAMORU, JP
[72] TAKAHASHI, SHUHEI, JP
[71] FUTURE SHOP CO., LTD., JP
[85] 2020-11-20
[86] 2019-04-11 (PCT/JP2019/015867)
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[25] EN
[54] **BRIGHT PIGMENT DISPERSION AND METHOD FOR FORMING MULTILAYER COATING FILM**
[54] **DISPERSION DE PIGMENT BRILLANT ET PROCEDE DE FORMATION D'UN FILM DE REVETEMENT MULTICOUCHE**
[72] HASEGAWA, YOSUKE, JP
[72] NARITA, NOBUHIKO, JP
[72] ITOH, MASAYUKI, JP
[72] SAKAI, KENJI, JP
[71] KANSAI PAINT CO., LTD., JP
[85] 2020-11-20
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[54] **THREE-DIMENSIONAL DATA ENCODING METHOD, THREE-DIMENSIONAL DATA DECODING METHOD, THREE-DIMENSIONAL DATA ENCODING DEVICE, AND THREE-DIMENSIONAL DATA DECODING DEVICE**
[54] **PROCEDE DE CODAGE DE DONNEES TRIDIMENSIONNELLES, PROCEDE DE DECODAGE DE DONNEES TRIDIMENSIONNELLES, DISPOSITIF DE CODAGE DE DONNEES TRIDIMENSIONNELLES ET DISPOSITIF DE DECODAGE DEDONNEES TRIDIMENSIONNELLES**
[72] SUGIO, TOSHIYASU, JP
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[85] 2020-11-20
[86] 2019-05-30 (PCT/JP2019/021636)
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[54] **DEVICES, SYSTEMS, AND METHODS FOR TRAINING PELVIC FLOOR MUSCLES**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'ENTRAINEMENT DES MUSCLES DU PLANCHER PELVIEN**
[72] BEER, MARC D., US
[72] BOHORQUEZ, JOSE, US
[72] PULLIAM, SAMANTHA J., US
[72] MCKINNEY, JESSICA L., US
[71] RENOVIA INC., US
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[54] **DANTROLENE FORMULATIONS AND METHODS OF THEIR USE**
[54] **FORMULATIONS DE DANTROLENE ET LEURS PROCEDES D'UTILISATION**
[72] WESCOTT, CHARLES, US
[72] COGHLAN, JILL, US
[71] EAGLE PHARMACEUTICALS, INC., US
[85] 2020-11-20
[86] 2019-05-21 (PCT/US2019/033260)
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[54] **PHOTOBIOMODULATION WEARABLE FOR PERFORMANCE ENHANCEMENT**
[54] **PHOTOBIOMODULATION POUVANT ETRE PORTEE POUR UNE AMELIORATION DES PERFORMANCES**
[72] SCHUPP, DANIEL GERARD, US
[72] SCHUPP, CHARLES JOSEPH, US
[72] DISSE, MAX DAVID, US
[72] SARTORI, JOHN MARIO, US
[72] SCHUPP, ANDREW, US
[71] DMC LIMITED L.C., US
[85] 2020-11-20
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[54] **METHODS AND SYSTEMS FOR IN SITU EXCHANGE**
[54] **PROCEDES ET SYSTEMES POUR UN ECHANGE IN SITU**
[72] OWENS, CHRISTOPHER MICHAEL, US
[72] CHIU, EDMOND MING WAI, US
[72] CHEN, JIAYU, US
[72] REEVE, III, THOMAS BURNELL, US
[71] GYNESONICS, INC., US
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[54] **TREATMENT OF GAUCHER DISEASE**
[54] **TRAITEMENT DE LA MALADIE DE GAUCHER**
[72] TIAN, MEI MEI, CA
[72] DAY, MARK, US
[71] BIOASIS TECHNOLOGIES INC., CA
[85] 2020-11-20
[86] 2019-05-18 (PCT/US2019/033012)
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[54] **DISPOSITIF POUR L'ADMINISTRATION IN-SITU DE PROTHESES DE VALVULES CARDIAQUES**
[72] GIORDANO, GIOVANNI, IT
[72] ACHILUZZI, MONICA FRANCESCA, IT
[71] SORIN GROUP ITALIA S.R.L., IT
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[25] EN
[54] **PRODUCTS AND METHODS FOR ASSESSING AND INCREASING KLOTHO PROTEIN LEVELS**
[54] **PRODUITS ET PROCEDES D'EVALUATION ET D'AUGMENTATION DES TAUX DE PROTEINE KLOTHO**
[72] TARSIO, JOSEPH F., US
[72] RATURI, DINESH, US
[72] RAMAGE, WILLIAM IAN, US
[72] PLANTE, JAMES R., US
[71] KLOTHO THERAPEUTICS, INC., US
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[30] US (16/208,552) 2018-12-03

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[54] **MODULAR DATA CENTER UTILIZING INDEPENDENT DATA CENTER MODULES**
[54] **CENTRE DE DONNEES MODULAIRE UTILISANT DES MODULES DE CENTRE DE DONNEES INDEPENDANTS**
[72] RECKER, FRANK DOUGLAS, US
[71] EDGEPRESENCE, LLC, US
[85] 2020-11-20
[86] 2019-05-20 (PCT/US2019/033185)
[87] (WO2019/226574)
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[25] EN
[54] **INHALABLE LIPOSOMAL SUSTAINED RELEASE COMPOSITION FOR USE IN TREATING PULMONARY DISEASES**
[54] **COMPOSITION LIPOSOMALE INHALABLE A LIBERATION PROLONGEE DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT DE MALADIES PULMONAIRES**
[72] HONG, KEELUNG, US
[72] FANG, JONATHAN, US
[72] TSENG, YU-CHENG, TW
[72] CHENG, TING-YU, TW
[72] YU, WAN-NI, US
[72] TANG, JO-HSIN, TW
[71] TLC BIOPHARMACEUTICALS, INC., US
[71] TAIWAN LIPOSOME CO., LTD., TW
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[86] 2019-04-23 (PCT/US2019/028647)
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[54] **A LOADING SYSTEM FOR AN IMPLANTABLE PROSTHESIS AND RELATED LOADING METHOD**
[54] **SYSTEME DE CHARGEMENT POUR PROTHESE IMPLANTABLE ET PROCEDE DE CHARGEMENT ASSOCIE**
[72] ACHILUZZI, MONICA FRANCESCA, IT
[72] GIORDANO, GIOVANNI, IT
[72] CARLINO, FELICE GIUSEPPE, IT
[71] SORIN GROUP ITALIA S.R.L., IT
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[25] FR
[54] **PROXIMAL MONITORING DEVICE**
[54] **DISPOSITIF DE VEILLE PROXIMALE**
[72] DAVENEL, ARNAUD, FR
[72] TOULON, BRUNO, FR
[72] OLLAGNIER, CEDRIC, FR
[72] VIAL, SEBASTIEN, FR
[71] SAFRAN ELECTRONICS & DEFENSE, FR
[85] 2020-11-20
[86] 2019-06-14 (PCT/EP2019/065749)
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[25] EN
[54] **AQUEOUS HERBICIDAL INTERMIXTURES**
[54] **MELANGES HERBICIDES AQUEUX**
[72] JADHAV, PRAKASH MAHADEO, US
[72] SKORCZYNSKI, STEPHEN, US
[72] CHIARELLA, EMILY, US
[72] GRAY, CODY JACK, US
[72] SHROFF, JAIDEV RAJNIKANT, AE
[72] SHROFF, VIKRAM RAJNIKANT, AE
[71] UPL LTD, IN
[85] 2020-11-20
[86] 2019-05-08 (PCT/IB2019/053769)
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[25] EN
[54] **MICROSTRUCTURED MULTICOMPOSITE COPPER MICROPARTICLE WITH ANTIBACTERIAL AND/OR BIOCIDAL ACTIVITY THAT COMPRISES 5 DIFFERENT TYPES OF COPPER COMPOUNDS**
[54] **MICROPARTICULES DE CUIVRE MULTICOMPOSITES MICROSTRUCTUREES A ACTIVITE ANTIBACTERIENNE ET/OU BIOCIDE COMPRENANT 5 DIFFERENTS TYPES DE COMPOSES DE CUIVRE**
[72] LAVIN CARRASCO, JAVIER IGNACIO, CL
[71] COPPERPROTEK SPA., CL
[85] 2020-11-20
[86] 2018-05-29 (PCT/IB2018/053819)
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[25] EN
[54] **AUTOMOBILE ACCIDENT DETECTION USING MACHINE LEARNED MODEL**
[54] **DETECTION D'ACCIDENT D'AUTOMOBILE A L'AIDE D'UN MODELE D'APPRENTISSAGE AUTOMATIQUE**
[72] ZHANG, YANWEI, US
[72] WAHBA, KARIM A., US
[72] VOLK, NIKOLAUS PAUL, US
[72] OZKAYA, GORKEM, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2020-11-20
[86] 2019-05-21 (PCT/IB2019/054183)
[87] (WO2019/224712)
[30] US (62/674,605) 2018-05-21
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[25] EN
[54] **PLANAR ELECTRICAL WIRING SYSTEM AND METHOD AND DISTRIBUTION SYSTEM**
[54] **SYSTEME ET PROCEDE DE CABLAGE ELECTRIQUE PLAT ET SYSTEME DE DISTRIBUTION**
[72] JERJIAN, EDWARD, CA
[71] ACQUIRE INDUSTRIES LTD., CA
[85] 2020-11-20
[86] 2019-05-22 (PCT/IB2019/054249)
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[54] **A DISPENSER**
[54] **DISTRIBUTEUR**
[72] SITWELL, VINCENT, GB
[72] SITWELL, KAMILA, GB
[72] VAN DEN BROEK, LUCAS KAREL JOHANNES, GB
[71] DEXOS DRINKS LIMITED, GB
[85] 2020-11-20
[86] 2019-06-10 (PCT/IB2019/054816)
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[25] EN
[54] **TRIPHENYLPHOSPHONIUM SALT COMPOUNDS, PREPARATION METHOD AND USE THEREOF**
[54] **COMPOSE DE SEL DE TRIPHENYL-PHOSPHONIUM QUATERNAIRE, SON PROCEDE DE PREPARATION ET SON APPLICATION**
[72] QIN, ZHAOHAI, CN
[72] WANG, JIAYAO, CN
[72] LIU, XUELIAN, CN
[72] TANG, DACHAO, CN
[72] XIAO, YUMEI, CN
[72] LI, JIAQI, CN
[71] CHINA AGRICULTURAL UNIVERSITY, CN
[85] 2020-11-20
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[25] EN
[54] **HETEROCYCLIC COMPOUNDS AS KINASE INHIBITORS, COMPOSITIONS COMPRISING THE HETEROCYCLIC COMPOUND, AND METHODS OF USE THEREOF**
[54] **COMPOSES HETEROCYCLIQUES UTILISES EN TANT QU'INHIBITEURS DE KINASE, COMPOSITIONS COMPRENANT LE COMPOSE HETEROCYCLIQUE, ET LEURS PROCEDES D'UTILISATION**
[72] LI, QUN, US
[72] ZHANG, JINTAO, US
[72] JIAN, SHANZHONG, CN
[72] XU, WEN, CN
[72] LI, AO, CN
[71] JS INNOMED HOLDINGS LTD., KY
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[86] 2019-05-20 (PCT/CN2019/087534)
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[54] **INJECTEUR DE LENTILLE INTRAOCULAIRE**
[72] WU, YINGHUI, US
[72] WENSRICH, DOUGLAS BRENT, US
[72] MAGARA, LEN TAKUDZWA, ZA
[71] ALCON INC., CH
[85] 2020-11-20
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[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **SIDE PUSH BUTTON FOR INTRAOCULAR LENS INJECTOR**
[54] **BOUTON POUSSOIR LATERAL POUR INJECTEUR DE LENTILLE INTRAOCULAIRE**
[72] ZACHER, RUDOLPH F., US
[72] LIU, JIAN, US
[71] ALCON INC., CH
[85] 2020-11-20
[86] 2019-07-10 (PCT/IB2019/055887)
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[25] EN
[54] **INTRAOCULAR LENS INJECTOR**
[54] **INJECTEUR DE LENTILLES INTRAOCULAIRES**
[72] WENSRICH, DOUGLAS BRENT, US
[71] ALCON INC., CH
[85] 2020-11-20
[86] 2019-07-10 (PCT/IB2019/055888)
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[51] **Int.Cl. E21B 19/06 (2006.01) E21B 47/007 (2012.01) E21B 21/10 (2006.01) E21B 31/20 (2006.01) E21B 47/12 (2012.01) G01L 5/24 (2006.01)**
[25] EN
[54] **IMPROVED HYDRAULIC ACTUATOR WITH INTEGRAL TORQUE TURN MONITORING**
[54] **ACTIONNEUR HYDRAULIQUE AMELIORE A SURVEILLANCE DE ROTATION DE COUPLE INTEGREE**
[72] GHERARDI, ANDREW, US
[71] 2M-TEK, INC., US
[85] 2020-11-20
[86] 2019-05-07 (PCT/US2019/031028)
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[54] **SEAL WITH LIP PROJECTIONS**
[54] **JOINT D'ETANCHEITE AVEC SAILLIES DE LEVRE**
[72] BANCROFT, PHILIP WAYNE, US
[72] BOWMAN, MATTHEW A., US
[72] YOVANOVICH, KATHRYN E., US
[71] VICTAULIC COMPANY, US
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[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2018.01) C07K 14/415 (2006.01) C12N 5/10 (2006.01) C12N 15/29 (2006.01)**
[25] EN
[54] **ISOLATED POLYNUCLEOTIDES AND POLYPEPTIDES, AND METHODS OF USING SAME FOR INCREASING NITROGEN USE EFFICIENCY, YIELD, GROWTH RATE, VIGOR, BIOMASS, OIL CONTENT, AND/OR ABIOTIC STRESSTOLERANCE**
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[72] VINOCUR, BASIA JUDITH, IL
[72] DIBER, ALEX, IL
[72] KARCHI, HAGAI, IL
[71] EVOGENE LTD., IL
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[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/064 (2006.01) A61B 17/068 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR SECURING MEDICAL DEVICES WITHIN AN ANATOMY**
[54] **DISPOSITIFS ET PROCEDES DE FIXATION DE DISPOSITIFS MEDICAUX A L'INTERIEUR D'UNE ANATOMIE**
[72] ESKAROS, SHERIF A., US
[72] WARNER, CLIFFORD P., US
[72] O'HARA, MICHAEL L., US
[71] W.L. GORE & ASSOCIATES, INC., US
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[54] **CORROSION RESISTANT BUSHING INCLUDING METAL MESH**
[54]
[72] HARTMANN, JUERGEN, DE
[71] SAINT-GOBAIN PERFORMANCE PLASTICS PAMPUS GMBH, DE
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[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 10/10 (2012.01) G06Q 20/00 (2012.01)**
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[54] **APPOINTMENT AND PAYMENT HANDLING**
[54] **GESTION DE RENDEZ-VOUS ET DE PAIEMENT**
[72] MYRICK, LAUREN, US
[72] GINSBURG, EVAN, US
[72] AVE, WILLEM, US
[71] SQUARE, INC., US
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[25] EN
[54] **SYSTEMS, APPARATUSES AND METHODS TO ENCOURAGE INJECTION SITE ROTATION AND PREVENT LIPODYSTROPHY FROM REPEATED INJECTIONS TO A BODY AREA**
[54] **SYSTEMES, APPAREILS ET PROCEDES POUR ENCOURAGER LA ROTATION D'UN SITE D'INJECTION ET PREVENIR LA LIPODYSTROPHIE DUE A DES INJECTIONS REPETEES DANS UNE ZONE DU CORPS**
[72] FIEDLER, ALAN, US
[72] WEST, ROBERT, US
[72] SRINIVASAN, SUDARSAN, US
[72] SULLIVAN, SEAN, US
[72] DIBIASI, MICHAEL, US
[72] LIMAYE, AMIT, US
[72] HILL, BRENDON, US
[72] WITZEL, ALEXANDER, US
[71] BECTON, DICKINSON AND COMPANY, US
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[25] EN
[54] **METHOD AND SYSTEM FOR COMMUNICATING SET-TOP BOX HEALTH AND CONFIGURATION INFORMATION**
[54] **PROCEDE ET SYSTEME DE COMMUNICATION D'INFORMATIONS DE FONCTIONNEMENT ET DE CONFIGURATION DE BOITIER DECODEUR**
[72] SCHAEFER, GERMAR, US
[72] MINNICK, DAN J., US
[71] DISH TECHNOLOGIES L.L.C., US
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[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/13 (2012.01) E21B 47/26 (2012.01) E21B 44/00 (2006.01) E21B 47/18 (2012.01)**
[25] EN
[54] **INTEGRATED DOWNHOLE SYSTEM WITH PLURAL TELEMETRY SUBSYSTEMS**
[54] **SYSTEME INTEGRE DE FOND DE PUITS A PLUSIEURS SOUS-SYSTEMES DE TELEMETRIE**
[72] LOGAN, AARON W., CA
[72] SWITZER, DAVID A., CA
[72] LIU, JILI, CA
[72] LOGAN, JUSTIN C., CA
[72] XU, MINGDONG, CA
[71] EVOLUTION ENGINEERING INC., CA
[22] 2014-02-25
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[25] EN
[54] **TURFTRIMMER ROTARY MOWING ATTACHMENT**
[54]
[72] MERKT, ERIC, US
[71] G2 TURFTOOLS, INC., US
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[25] EN
[54] **IMPROVED HCV VACCINES AND METHODS FOR USING THE SAME**
[54] **VACCINS AMELIORES CONTRE LE VHC ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] WEINER, DAVID, US
[72] LANG. KRYSTLE, US
[72] YAN, JIAN, US
[72] DRAGHIA-AKLI, RUXANDRA, BE
[72] KHAN, AMIR, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[71] INOVIO PHARMACEUTICALS, INC., US
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[25] EN
[54] **MULTISPECIFIC BINDING PROTEINS TARGETING CAIX, ANO1, MESOTHELIN, TROP2, CEA, OR CLAUDIN-18.2**
[54] **PROTEINES DE LIAISON MULTI-SPECIFIQUES CIBLANT CAIX, ANO1, LA MESOTHELINE, TROP2, CEA OU LA CLAUDINE-18.2**
[72] CHANG, GREGORY P., US
[72] CHEUNG, ANN F., US
[72] GUTIERREZ, EVA, US
[72] HANEY, WILLIAM, US
[72] LUNDE, BRADLEY M., US
[72] PRINZ, BIANKA, US
[71] DRAGONFLY THERAPEUTICS, INC., US
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[62] 3,054,738
[30] US (62/464,341) 2017-02-27
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[51] **Int.Cl. H02J 7/00 (2006.01) B60L 53/60 (2019.01) H02J 13/00 (2006.01)**
[25] EN
[54] **BATTERY CHARGING CONTROL METHODS, ELECTRIC VEHICLE CHARGING METHODS, BATTERY CHARGING APPARATUSES AND RECHARGEABLE BATTERY SYSTEMS**
[54] **PROCEDES DE CONTROLE DE CHARGE DE BATTERIE, PROCEDES DE CHARGE DE VEHICULE ELECTRIQUE, APPAREILS DE CHARGE DE BATTERIE ET SYSTEMES DE BATTERIE RECHARGEABLE**
[72] TUFFNER, FRANCIS K., US
[72] KINTNER-MEYER, MICHAEL C. W., US
[72] HAMMERSTROM, DONALD J., US
[72] PRATT, RICHARD M., US
[71] BATTELLE MEMORIAL INSTITUTE, US
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[51] **Int.Cl. B60G 7/00 (2006.01)**
[25] EN
[54] **AUXILIARY AXLE AND SUSPENSION ASSEMBLY**
[54] **ENSEMBLE D'ESSIEU ET DE SUSPENSION AUXILIAIRE**
[72] CONAWAY, RICHARD L., US
[72] DYKSTRA, DANIEL R., US
[72] JOHNSON, MARC R., US
[72] THOLE, DOUGLAS M., US
[72] FREEMAN, BOYD J., US
[71] SAF-HOLLAND, INC., US
[22] 2014-01-21
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[30] US (61/757,471) 2013-01-28
[30] US (14/132,758) 2013-12-18

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[25] EN
[54] **SYSTEMS, DEVICES AND METHODS FOR FLUID PUMPING, HEAT EXCHANGE, THERMAL SENSING, AND CONDUCTIVITY SENSING**
[54]
[72] KAMEN, DEAN, US
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[72] ALTOBELLI, DAVID E., US
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[41] 2017-11-13
[62] 2,967,402
[30] US (62/336,420) 2016-05-13
[30] US (62/336,290) 2016-05-13

[21] **3,099,965**
[13] A1
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[71] CEREBRAS SYSTEMS INC., US
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[41] 2018-10-25
[62] 3,060,969
[30] US (62/486,372) 2017-04-17
[30] US (62/517,949) 2017-06-11
[30] US (62/520,433) 2017-06-15
[30] US (62/522,065) 2017-06-19
[30] US (62/522,081) 2017-06-19
[30] US (62/542,645) 2017-08-08
[30] US (62/542,657) 2017-08-08
[30] US (62/580,207) 2017-11-01
[30] US (62/628,784) 2018-02-09
[30] US (62/628,773) 2018-02-09
[30] US (62/652,933) 2018-04-05
[30] US (62/655,210) 2018-04-09

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[21] **3,100,056**
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[22] 2003-10-01
[41] 2004-04-15
[62] 2,930,736
[30] US (10/263329) 2002-10-02
[30] US (10/285313) 2002-10-31
[30] US (10/315576) 2002-12-10

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GUNTAS, GURKAN 3,100,829
GUO, LIANWANG 3,100,910
GUREVICH, MARINA 3,101,010
GURTNER, GEOFFREY C. 3,100,352
GUSTAFSSON, NILS OVE 3,100,687
GUSTAFSSON, NILS OVE 3,100,691
GYARFAS, BRETT J. 3,100,987
GYNESONICS, INC. 3,101,095
HABIB, SHAWANA 3,100,865
HADEN, TYLER 3,101,015
HADRUP, SINE REKER 3,100,576
HAGEMANN, CARSTEN 3,100,817
HAIBE-KAINS, BENJAMIN 3,101,035
HAIRSTON, ALLEN W. 3,100,661
HALKUDE, BHAKTI 3,100,548
HALLIBURTON ENERGY SERVICES, INC. 3,100,636
HALLIBURTON ENERGY SERVICES, INC. 3,100,637
HALLIBURTON ENERGY SERVICES, INC. 3,100,655
HALLIBURTON ENERGY SERVICES, INC. 3,100,699
HALLIBURTON ENERGY SERVICES, INC. 3,100,740
HAMADA, YUJI 3,100,675
HAMMOND, MARK B. 3,101,010
HAMMOND, RICHARD 3,100,537
HAMPSON, IAN 3,100,425
HAMPSON, IAN 3,100,428
HAMPSON, LYNNE 3,100,425
HAMPSON, LYNNE 3,100,428
HAN, GUANGJIE 3,100,869
HAN, HEEOON 3,100,731
HAN, YANHUI 3,100,625
HAN, YANHUI 3,100,967
HANCOCK, CHRISTOPHER PAUL 3,101,074
HANCOCK, MATTHEW J. 3,100,894
HANDEREK, VINCENT 3,100,603
HANDICARE CANADA LTD. 3,100,619
HANLEY, PATRICK 3,100,775
HANLEY, PATRICK 3,100,776
HANLON, THOMAS 3,101,058
HANNON, TREVOR 3,100,523
HANSON, ERIC 3,100,690
HANSON, WILLIAM 3,101,039
HAO, PENG 3,099,986
HARIF, GERSHON 3,100,824
HARLAN, JEFF 3,100,540
HARNISH, SCOTT 3,100,942
HARPOON THERAPEUTICS, INC. 3,100,327
HARRIOTT, NICOLE 3,100,694
HARRIS, KATHERINE 3,101,069
HARSHMAN, GABRIEL 3,101,054
HARTHOORN, DUANE ALLEN 3,101,015
HARTLEY, OLIVER 3,101,052
HASEGAWA, YOSUKE 3,101,090
HASELSTEINER, PHILIPP 3,101,017
HATTON, BENJAMIN DAVID 3,100,664
HATTON, NICHOLAS J. 3,100,749
HAVILAND, DEAN PAUL 3,100,794
HAYNES, CLINTON A. 3,101,005
HAZELL, MIKE 3,100,537
HE, YALI 3,100,513
HE, ZHIGANG 3,100,902
HEAD, PHILIP 3,098,990
HEFEI HUALING CO., LTD. 3,068,638
HEFEI MIDEA REFRIGERATOR CO., LTD. 3,068,638
HEFFERNAN, RONAN 3,100,616
HEGLA GMBH & CO. KG 3,100,413
HEILMAN, RYAN 3,100,692
HEILMANN, EIKE KEVIN 3,101,065
HEINRICH, BEAT 3,100,704
HELIN, JARI 3,101,067
HENEGHAN, BRENDAN J. 3,100,541
HERNANDEZ, CESAR E. 3,100,579
HERNANDEZ, ROLANDO 3,100,791
HERSHKOVICH, HADAS SARA 3,100,817
HERTEL, CHRISTIAN 3,100,881
HERZALLAH, MOHAMMAD 3,100,519
HEUFT SYSTEMTECHNIK GMBH 3,100,578
HEUFT, BERNHARD 3,100,578
HICKS, JAKE THOMAS 3,100,558
HIETA TECHNOLOGIES LIMITED 3,098,018
HIGHWATER MARINE, LLC 3,100,891
HIJAZI, HEBA 3,100,579
HILL'S PET NUTRITION, INC. 3,100,703
HILL, CHARLES 3,100,846
HILTI AKTIENGESELLSCHAFT 3,100,572
HINKLE, GREGORY 3,100,003
HITACHI RAIL STS USA, INC. 3,100,643
HJELM, LARS 3,100,830
HO, WEI-HSIEN 3,100,626
HOFBAUER, LORENZ 3,100,818
HOFER, RICHARD 3,100,431
HOFER, RICHARD 3,100,438
HOFER, RICHARD 3,100,514
HOFER, RICHARD 3,100,515
HOFFMAN, BENJAMIN R. 3,100,855
HOFFMAN, JOSEPH A. 3,101,024
HOFLINGER, ULRICH 3,095,949
HOFSETH BIOCARE ASA 3,100,962
HOFSTETTER, GREGORY 3,101,014
HOLLISTER INCORPORATED 3,100,516
HOLLISTER INCORPORATED 3,100,541
HOLMBERG, BRIAN 3,100,724
HOLTON, DANIEL 3,101,004
HOLZINGER, MICHAEL 3,100,666
HOMEE, INC. 3,100,742
HOMER, VON MAURICE 3,100,918
HONDO, TETSUYA 3,100,675
HONG, CONNIE 3,100,724
HONG, KEELUNG 3,101,102
HONG, LINDA 3,100,815
HOPITAUX UNIVERSITAIRES DE GENEVE 3,101,052
HOPKINS, GARTH WESLEY 3,100,677
HORVATH, GUSZTAV JOZEF 3,099,996
HORVATH, WOLFGANG JOHANN 3,100,849
HOSSEINZADEH, ARASH 3,101,026
HOTGER, BERNHARD 3,100,413
HOU, SHIHE 3,100,905
HOU, XIAOLIN 3,100,850
HOU, XUEYING 3,100,761
HOUSEY PHARMACEUTICAL RESEARCH LABORATORIES, L.L.C. 3,100,734
HOUSEY, GERARD M. 3,100,734
HOWELL, DAVID W. 3,100,898
HRADNANSKY, JOHN 3,100,907
HSU, TSU-AN 3,100,896
HUA, JIE 3,098,069
HUA, SHIMIN 3,098,069
HUANG, HE 3,100,571
HUANG, LU 3,100,724
HUANG, ZHONGPING 3,100,585
HUAWEI TECHNOLOGIES CO., LTD. 3,100,557
HUAWEI TECHNOLOGIES CO., LTD. 3,100,559
HUAWEI TECHNOLOGIES CO., LTD. 3,100,765
HUAWEI TECHNOLOGIES CO., LTD. 3,100,862
HUAWEI TECHNOLOGIES CO., LTD. 3,100,878
HUAWEI TECHNOLOGIES CO., LTD. 3,101,038
HUBERTY, CARSTEN 3,100,744
HUDSON, ROSS 3,100,550
HUGGINS, TYLER 3,100,909
HUGHES, KENNETH 3,100,565
HUI, XIAONAN 3,100,324
HUM, GABRIEL 3,100,755
HUNT, MARGIE A. 3,100,815
HUNTER, RICKY 3,100,884
HUSKY INJECTION MOLDING SYSTEMS LTD. 3,100,552
HUTCHINSON, GERALD A. 3,100,695

HUTCHINSON, RICHARD E. 3,100,695
HUTCHINSON, RYAN 3,100,541
HUTCHINSON, THOMAS A. 3,100,695
HWANG, DONG-JIN 3,100,513
HYDRO QUEBEC 3,093,170
HYDROW, INC. 3,100,485
HYSLOP, MELISSA 3,101,030
I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A 3,100,548
I.V.A.R. S.P.A. 3,100,719
I4F LICENSING NV 3,100,741
ICHIMASA, YOKO 3,100,678
IDRUS, SYED ISA SYED 3,100,895
IGLESIAS PINEIRO, MARIA ELENA 3,100,314
ILKOW, CAROLINA SOLANGE 3,096,938
IMARA INC. 3,100,988
IMMUNITY PHARMA LTD. 3,100,961
IMMUNOME, INC. 3,100,712
IN SPIRIT GROUP, INC. 3,100,900
INCYTE CORPORATION 3,100,731
INDIANOLA INVERSIONES, S.L. 3,100,774
INOU, RYOUHEI 3,100,629
INSERM (INSTITUT DE LA SANTE ET DE LA RECHERCHE MEDICALE) 3,100,171
INSTITUT D'OPTIQUE THEORIQUE ET APPLIQUEE 3,101,003
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 3,101,006
INTELLIGENT GROWTH SOLUTIONS LIMITED 3,101,012
ION GEOPHYSICAL CORPORATION 3,100,355
ISHIKAWA, RYO 3,100,410
ISIN, EMRE M. 3,101,086
ITOH, MASAYUKI 3,101,090
IZBINSKI, KONRAD 3,100,587
JACKSON, DAVID Y. 3,100,544
JADHAV, PRAKASH MAHADEO 3,101,106
JAFA, EMAD 3,100,892
JAIN, PIYUSH 3,101,064
JAKOBSEN, SOREN NYBOE 3,100,576
JANSSON, LI 3,100,830
JAPAN TABACCO INC. 3,100,675
JARROLD, MARTIN F. 3,100,838
JARROLD, MARTIN F. 3,100,840
JARROLD, MARTIN F. 3,100,906
JAULIN, JEAN-PHILIPPE 3,100,752
JAVAHERY, GHOLAMREZA 3,100,624
JAVAHERY, GHOLAMREZA 3,100,627
JENKO, EDWARD JOSEPH 3,100,552
JERJIAN, EDWARD 3,101,111
JETOPTERA, INC. 3,100,545
JEWELL, DENNIS 3,100,703
JFE STEEL CORPORATION 3,100,847
JI, CHANGZHENG 3,100,587
JIA, QIONG 3,100,765
JIAN, SHANZHONG 3,101,117
JIANG, XIN 3,100,333
JIANGSU HENGRUI MEDICINE CO., LTD. 3,100,867
JIANGSU HENGRUI MEDICINE CO., LTD. 3,100,869
JIANGSU HENGRUI MEDICINE CO., LTD. 3,100,873
JIANGYIN XINGCHENG SPECIAL STEEL WORKS CO., LTD 3,100,583
JIN, FANG 3,100,828
JING, LI 3,101,026
JOHANSSON, MARTIN 3,100,835
JOHNSON & JOHNSON CONSUMER INC. 3,100,439
JOHNSON, DAN 3,100,794
JOHNSON, MARK 3,100,558
JOLLIFFE, CHARLES 3,100,624
JONES, KEVIN DEWAYNE 3,100,609
JONES, MARK 3,096,955
JONES, SIMON LLOYD 3,098,018
JORDAN, JEREMY CHRISTOPHER 3,100,987
JORGENSEN, DANIEL BRAAD 3,100,819
JOST, MARTIN 3,100,413
JOUNG, J. KEITH 3,100,726
JS INNOMED HOLDINGS LTD. 3,101,117
JU, HYUN 3,100,685
JUUL LABS, INC. 3,100,749
KAIRY, HAIM 3,100,820
KALLURI, HARIPRIYA 3,101,064
KALRA, PARTH 3,100,898
KAMINSKI, DARIUS 3,100,744
KAMISHITA, TAIZOU 3,100,679
KAN, EDWIN C. 3,100,324
KANCERA AB 3,099,865
KANOH, RYUICHI 3,100,839
KANSAI PAINT CO., LTD. 3,101,090
KANYGIN, DENNIS 3,100,788
KARANTONIS, DEAN MICHAEL 3,096,951
KARCZEWICZ, MARTA 3,101,059
KARIMI, MUHAMMAD AKRAM 3,100,823
KARIMI, MUHAMMAD AKRAM 3,100,825
KARTOS THERAPEUTICS, INC. 3,100,973
KASDORF, OLGA 3,100,578
KASHYAP, ARUN 3,101,019
KATRAGADDA, MADAN 3,100,828
KATRAGADDA, MADAN 3,100,829
KAWAUCHI, TETSUYA 3,101,089
KAYYALI, MAYA 3,101,014
KELLEHER III, RAYMOND J. 3,100,946
KELLER, TOBIAS 3,100,599
KELLNER, MAX 3,101,066
KEMPER, GINA 3,100,742
KENT, K. CRAIG 3,100,910
KERCHER, WES 3,100,616
KERRIGAN, WILLIAM JOHN 3,100,560
KESSLER, ALMUTH F. 3,100,817
KHALAF, HAZEM 3,096,807
KHAMHARN, ODDY 3,100,677
KHANNA, AVINASH 3,098,428
KHANNA, RAJIV 3,100,420
KHATAIT, JITENDRA PRASAD 3,100,975
KHATIBZADEH, NIMA 3,100,167
KHOO, JA-HEOUK 3,100,685
KHOURY, MATTHEW 3,101,026
KHULLAR, ANEESH 3,100,908
KIGHT, ALISON 3,100,863
KILCOYNE, SCOTT 3,101,061
KIM, HANSOHL E. 3,100,701
KIM, HEUNG BAE 3,100,870
KIM, JUEWON 3,100,026
KIM, SUHWAN 3,100,026
KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY 3,100,823
KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY 3,100,825
KINPARA, AKIRA 3,100,410
KISTENMACHER, JOHN 3,100,616
KITAGAWA, YOSHIHIRO 3,100,675
KITAKAZE, KOSUKE 3,100,844
KITTMANN, KLAUS 3,100,876
KITTMANN, KLAUS 3,100,889
KIYAMA, KENJI 3,100,844
KLITTICH, CARLA J.R. 3,100,884
KLOTHO THERAPEUTICS, INC. 3,101,100
KNUDSEN, STEEN 3,099,864
KOBINGER, GARY 3,100,070
KOBRIN, IRENA 3,100,686
KOERS, DANIEL 3,100,826
KOJIMA, YOSHIHISA 3,100,917
KONIG, MARC 3,100,591
KONRADI, ANDREI W. 3,100,503
KOOPS, LUCAS J. 3,100,647
KORHONEN, MARKO 3,100,717
KORNILOVA, ANNA 3,100,627
KORYTNIKOV, ROMAN 3,101,021
KOTYK, JEFFREY 3,100,922
KOUNDE, CYRILLE 3,100,957
KRAFT FOODS GROUP BRANDS LLC 3,100,845
KRAUSE, ERIC 3,100,794
KRAVETS, OLEKSIY 3,100,036
KRIEGEL, ROBERT M. 3,100,539
KRILL, STEFFEN 3,100,760
KRISTENSEN, IVAN 3,100,819
KROB, ROBERT ALEXANDER 3,100,841
KROMA A/S 3,100,819
KRULL, RYAN 3,100,688
KT CORPORATION 3,100,970
KT CORPORATION 3,100,976
KT CORPORATION 3,100,980
KT CORPORATION 3,100,986
KT&G CORPORATION 3,100,998
KUHNL, WOLFGANG 3,100,881
KULBAK, EINAV 3,100,673
KUMAR, SANDEEP 3,101,019
KUMAR, SARAVANA B. 3,100,553
KUMIAI CHEMICAL INDUSTRY CO., LTD. 3,100,410
KUNZ, WOLFGANG 3,100,882

KUO, CHE-CHUN 3,100,605
KUO, CHE-CHUN 3,100,684
KURA ONCOLOGY, INC. 3,100,706
KUREK, DANIEL ZACHARY 3,100,755
KWANT, KATHRYN 3,100,327
KWON, SUN, HYUNG 3,100,352
KYMAB LIMITED 3,100,818
L'HEUREUX, FRANCOIS-MICHEL 3,100,738
LABOV, SIMON E. 3,100,589
LACROIX, DANIEL P. 3,100,661
LAFLEUR-LAMBERT, ANTOINE 3,093,170
LAGARTO, CHRISTINA 3,100,523
LAGOW, ROBERT 3,100,579
LALAM, MASSINISSA 3,100,752
LAM, HELEN 3,100,626
LAMB, JEFFREY CHARLES 3,100,525
LAMBERT, DALE J. 3,100,355
LANG, JOEL 3,100,686
LANGER, ROBERT S. 3,100,710
LANNI, ERIC J. 3,100,786
LAO, IENG KIN 3,100,852
LAQUA, KURTIS ALLAN 3,100,664
LARNER, BRONWYN 3,100,733
LARNER, BRONWYN 3,100,735
LAROCQUE, MARTIN 3,100,919
LAUX, WILHELM 3,095,949
LAVALLIE, EDWARD ROLAND 3,100,829
LAVIN CARRASCO, JAVIER IGNACIO 3,101,108
LAWO, JOHN-PHILIP 3,100,808
LAWRENCE LIVERMORE NATIONAL SECURITY, LLC 3,100,589
LAWRENCE, THOMAS ANDREW 3,100,552
LE GOFF, ALAN 3,100,666
LEAKE, DEVIN 3,100,529
LEAKE, DEVIN 3,100,537
LEAL, ALESSANDRO 3,100,345
LEDECQ, MARIE 3,101,086
LEE, BAE KEUN 3,100,970
LEE, BAE KEUN 3,100,976
LEE, BAE KEUN 3,100,980
LEE, BAE KEUN 3,100,986
LEE, BARRON 3,101,036
LEE, CHITASE 3,100,333
LEE, DEAN ANTHONY 3,100,341
LEE, DOO-BYUNG 3,100,685
LEE, JONG SUB 3,100,998
LEE, JUN-SUP 3,100,685
LEE, MAXWELL JAMES 3,100,359
LEE, NIGEL 3,100,642
LEE, SEUNG WON 3,100,998
LEE, SEUNG-JOO 3,100,626
LEE, WAI MUN 3,100,895
LEGG, JAMES BREN 3,100,914
LEIBLER, DAVID MICHAEL 3,100,673
LELY PATENT N.V. 3,100,955
LEMING, ROBERT 3,101,064
LEMON, BRYAN D. 3,100,327
LEROUX, NICOLAS 3,100,556
LESTIENNE, FABRICE 3,100,594
LEUPOLZ, HANS 3,100,887
LEWANDOWSKI, LAURAND H. 3,100,855
LEWIS, JR., ROBERT L. 3,100,794
LI, ANWU 3,100,755
LI, AO 3,101,117
LI, CHEN YU 3,100,749
LI, DANLONG 3,100,767
LI, DANLONG 3,100,768
LI, JIAQI 3,101,114
LI, JING YA 3,100,839
LI, KANG 3,100,766
LI, NA 3,100,869
LI, QUN 3,101,117
LI, RAN 3,100,714
LI, XIN 3,100,767
LI, XIN 3,100,768
LI, YU 3,068,638
LI, YUAN 3,100,557
LI, YUSHAN 3,100,875
LI, ZHONGPING 3,100,583
LIANG, CHUN 3,100,875
LIANG, GANG 3,100,585
LIAO, CHENG 3,100,867
LIAO, RU LING 3,100,839
LIBERMAN, YOAV 3,101,087
LIDDLE, RICHARD 3,100,602
LIGHTELLIGENCE, INC. 3,101,026
LIM, CHONG SOON 3,100,839
LIN, KUO-SHYAN 3,100,868
LIN, QINGHUANG 3,100,748
LIN, SHUOYEN JACK 3,100,327
LIN, TRACY TZU-LING TANG 3,100,503
LIN, ZHENHUA 3,100,585
LINDE GMBH 3,100,928
LINDNER, STEFAN 3,100,888
LINDSAY, STUART 3,100,693
LING, FENG 3,100,582
LINNBERG, JEFFREY 3,100,729
LINO, TU'UHEVAHA JOY 3,100,851
LIPPEY, BARRET 3,100,527
LIQUIDPOWER SPECIALTY PRODUCTS INC. 3,091,104
LITHIUM AUSTRALIA NL 3,100,709
LITVIN, GILAD 3,101,088
LIU, CHAO 3,100,625
LIU, HAIBIN 3,100,875
LIU, HARVEY I. 3,100,522
LIU, HUA 3,100,538
LIU, HUI-HAI 3,100,625
LIU, HUI-HAI 3,100,696
LIU, HUI-HAI 3,100,901
LIU, JIAN 3,101,120
LIU, JIGANG 3,100,583
LIU, JIONGTIAN 3,100,767
LIU, JIONGTIAN 3,100,768
LIU, QINGXIA 3,100,767
LIU, QINGXIA 3,100,768
LIU, XIANGLIN 3,100,858
LIU, XIANGLIN 3,100,912
LIU, XING 3,099,986
LIU, XUELIAN 3,101,114
LIU, YANWEI 3,100,869
LIU, YE 3,100,766
LIZARRALDE, FERNANDO CESAR 3,100,772
LJUNGBERG, KARIN 3,101,045
LO, FEYATS 3,100,900
LO, YING-CHENG 3,100,852
LOCAL MOTORS IP, LLC 3,100,846
LODIN, REBECCA 3,100,714
LOENTAL, CHRISTOPHER 3,100,749
LOHR, MARIO 3,100,817
LOPEZ BENAVENT, FERNANDO 3,100,774
LOPEZ LOPEZ, EMILIO 3,100,587
LOTTE CO., LTD. 3,100,678
LOZIE, KLAUS 3,100,634
LU, CHENG-KUAN 3,101,026
LU, HUASHI 3,101,040
LUEB, GUUS 3,100,845
LUIGI LAVAZZA S.P.A. 3,100,951
LUKAS, EDWARD JAMES 3,100,677
LUNDQVIST, ROBERT 3,100,687
LUNDQVIST, ROBERT 3,100,691
LUO, HOUZHI 3,100,852
LUSCHER, MARK 3,100,565
LUTTRELL, JOSH 3,100,550
LYNN, PETER STURT 3,100,525
LYONS, NICHOLAS J. 3,100,587
MA, ZILONG 3,100,768
MAC AODHA, OISIN 3,100,640
MACDONALD, DAN 3,100,563
MACDONALD, DAVID 3,100,653
MACDONALD, TERESA MARY 3,100,851
MACHOCKI, KRZYSZTOF KAROL 3,100,621
MACK RIDES GMBH & CO. KG 3,100,601
MACOMBER, VICTORIA HAMMETT 3,100,525
MADDEN, DONALD 3,100,879
MADRONE, LEILA MARCIA 3,100,525
MAEKAWA, TATSUYA 3,100,675
MAGARA, LEN TAKUDZWA 3,101,118
MAGEE, FRANCIS JOSEPH 3,100,560
MAGERAS, GIG S. 3,100,815
MAGGIO, EDWARD T. 3,100,834
MAHER, VICTORIA ANN 3,096,938
MAI, WANPING 3,100,706
MALCOLM, CHRISTIAN 3,100,720
MALEK TABRIZI, ALIREZA 3,100,167
MALEK TABRIZI, ALIREZA 3,100,509
MALLET, CHARLOTTE 3,093,170
MAR COMPANY S.R.L. 3,100,698
MARCIL, ANNE 3,100,747
MARIA, AMIR GAMAL 3,101,046
MARKOVIC, MARKO 3,100,749
MARSH, STEPHEN ALAN 3,100,707
MARSIGLIO, DANIEL 3,101,051
MARTIN, BENJAMIN L. 3,100,794
MARTINA, MARZIA 3,100,747
MARTY-TERRADE, STEPHANIE 3,100,568
MARZANI, BARBARA 3,100,564
MASCARELL, ARNAUD 3,100,554

MASCARELL, ARNAUD 3,100,555
MASCIA, SALVATORE 3,100,548
MASOUD, NEDA 3,100,683
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 3,100,710
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 3,101,066
MAST, ROD 3,100,891
MATE GMBH 3,101,017
MATHIEU, PHILIPPE 3,100,738
MATHUR, DIVYA 3,100,828
MATHUR, DIVYA 3,100,829
MATMARKET LLC 3,100,918
MATSUDA, TAKESHI 3,100,410
MATSUO, AKIRA 3,100,675
MATSUSHITA, MUTSUYOSHI 3,100,675
MATTHIAS, LEIENDECKER 3,100,399
MATYAC, MARK 3,100,309
MCCALL, MICHAEL JAY 3,101,015
MCCAMMANT, MATTHEW S. 3,100,731
MCCULLOCH, ROBERT DONALD 3,100,551
MCDERMOTT, JOHN JOE 3,100,541
MCDONALD, MICHAEL 3,100,581
MCGAUGH, EMILY 3,101,021
MCKEOWN, SAMUEL 3,101,029
MCKEOWN, STEPHEN LYLE 3,101,029
MCKINNEY, JESSICA L. 3,101,092
MCKINNON, ANTHONY JOHN 3,100,733
MCKINNON, ANTHONY JOHN 3,100,735
MCLOUGHLIN, DAVID J. 3,100,908
MEANEY, RICHARD 3,100,541
MECHALAKOS, JAMES G. 3,100,815
MECHLER, THOMAS 3,101,062
MEDIVATORS INC. 3,100,579
MEDWAY PLASTICS CORPORATION 3,100,695
MEGARGEL, ROSS 3,100,688
MEIJER, SIEGER 3,100,412
MEISWINKEL, ANDREAS 3,100,928
MELDRUM, WARD BOYCE 3,101,015
MELMAN, AVI 3,100,686
MELODEA LTD. 3,100,673
MEMORIAL SLOAN KETTERING CANCER CENTER 3,100,815
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