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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
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[54] - Title of Invention
[60] - Related by Supplementary Disclosure
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[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

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

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

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

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

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

2. Country Code

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

2. Code des pays

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

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

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

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Licensing of Patents

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

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

6. Octroi de licences en vertu des brevets

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

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

7. Patents Available for Licence or Sale

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

7. Brevets disponibles pour licence ou vente

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

8. List of Patents Available for Licence or Sale

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

None

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

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

Aucun

9. Applications Open to Public Inspection

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

9. Demandes mises à la disponibilité du public

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

10. Language of Published Documents

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

10. Langue du document publié

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

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After 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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7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office
8. Intellectual Property Acts, Rules and Regulation

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

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

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

1. Physical Delivery of Correspondence and Written Communications to CIPO

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

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

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

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

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

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

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

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

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

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

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

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

Le formulaire de paiements des frais devrait toujours être

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

Download the Fee Payment Form.

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

Téléchargez le formulaire de paiement des frais.

1.1 Designated Establishments

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

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

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

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

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

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

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

1.1 Établissements désignés

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

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

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

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

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

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

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

except statutory holiday

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

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

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

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

l'exception des jours fériés

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2. Electronic Correspondence

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

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

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

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

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

2. Correspondance électronique

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

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

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

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

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

open for business.

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

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

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

2.1 Facsimile

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

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

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

(819) 934-3833

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

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

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

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

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

2.1 Correspondance par télécopieur

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

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

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

(819) 934-3833

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

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

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

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

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

Patents

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

Brevets

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

2.2 Online

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

2.2 En ligne

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

Patents

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

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

Brevets

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

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

Canada as Receiving Office Under the PCT: PCT-SAFE

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

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

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

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

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

Trademarks

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

Marques de commerce

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

accessing the following pages:

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

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

Opposition proceedings before the Trademarks Opposition Board

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

Section 45 proceedings before the Trademarks Opposition Board

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

Copyright

:

- 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.

Droits d'auteur

Notices

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.

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

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

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

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

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

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

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

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

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

6. Procédures en cas de fermeture des bureaux

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

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

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

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

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

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

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

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

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

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

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

Patents, Industrial Design, Copyright and Integrated Circuit Topography

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

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

Trademarks

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

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

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

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

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

Marques de commerce

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

8. Intellectual property acts, rules and regulations

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

8. Lois, règles et règlements sur la propriété intellectuelle

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

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

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

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of November 3, 2020 contains applications open to public inspection from October 18, 2020 to October 24, 2020.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 3 novembre 2020 contient les demandes disponibles au public pour consultation pour la période du 18 octobre 2020 au 24 octobre 2020.

Canadian Patents Issued

November 3, 2020

Brevets canadiens délivrés

3 novembre 2020

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[54] **METHOD AND APPARATUS FOR PROVIDING LOAD DISPATCH AND POLLUTION CONTROL OPTIMIZATION**
[54] **METHODE ET APPAREIL POUR OPTIMISER LA REPONSE A LA DEMANDE DE CHARGE ET LA REDUCTION DES EMISSIONS POLLUANTES**
[72] CHENG, XU, US
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[51] **Int.Cl. C07K 14/47 (2006.01) C07K 16/30 (2006.01)**
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[54] **MUTANTS DE PROTEINE NUCLEOPHOSMINE (NPM), SEQUENCES GENIQUES CORRESPONDANTES ET UTILISATIONS DE CEUX-CI**
[72] FALINI, BRUNANGELO, IT
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[54] **RECEPTEURS COUPLES A UNE PROTEINE G MUTANTE ET LEURS PROCEDES DE SELECTION**
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[72] SERRANO-VEGA, MARIA JOSEFA, GB
[72] SHIBATA, YOKO, GB
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[72] BURCHFIELD, RON J., US
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[72] SPRUELL, STEPHEN L., US
[72] WARE, JOHN N., JR., US
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[73] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **CELLULES EXTRAITES DU TISSU DU CORDON OMBILICAL POUR LE TRAITEMENT DE DOULEUR NEUROPATHIQUE ET DE LA SPASTICITE**
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[54] **COMPOSES DE QUINOLINE OU D'ISOQUINOLINE UTILES POUR LE TRAITEMENT DU VIEILLISSEMENT PREMATURE, EN PARTICULIER LA PROGERIA**
[72] TAZI, JAMAL, FR
[72] MAHUTEAU, FLORENCE, FR
[72] NAJMAN, ROMAIN, FR
[72] SCHERRER, DIDIER, FR
[72] SANTO, JULIEN, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] INSTITUT CURIE, FR
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[72] OSTERKAMP, FRANK, DE
[72] HAWLISCH, HEIKO, DE
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[72] KNAUTE, TOBIAS, DE
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[72] SIMON, BERNADETT, DE
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[54] **DEVICE, SYSTEM AND METHOD FOR MONITORING THE LINE SAG OF POWER LINES AND SUCH**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE SURVEILLANCE DE LA FLECHE DE LIGNES ELECTRIQUES ET ANALOGUES**
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[72] TUKEVA, PIRKKA, FI
[73] TEKNOLOGIAN TUTKIMUSKESKUS VTT OY, FI
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[72] BINDER, MARTIN DAVE THEODOR, NL
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[72] SMITH, SHAYNE, CA
[72] BLAIS, DENIS, CA
[73] BM METALS SERVICES INC., CA
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[54] **DISPOSITIF D'INTERACTION AVEC UN TISSU NEUROLOGIQUE ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELUI-CI**
[72] MERCANZINI, ANDRE, CH
[72] RENAUD, PHILIPPE, CH
[72] POLLO, CLAUDIO, CH
[73] ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE, CH
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[54] **PEPTIDES INHIBITEURS DERIVES DU TRANSCRIT 1 DE TYPE TREM (TLT-1) ET SES UTILISATIONS**
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[72] DERIVE, MARC, FR
[73] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[73] UNIVERSITE DE LORRAINE, FR
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[54] **ELEMENT DE BLOCAGE AJUSTABLE POUR LE LACAGE ET SA METHODE D'UTILISATION**
[72] HARRIS, CHARLES EDWARD, US
[72] HARRIS, CHARLES DAVID, US
[73] XPAND INC., CA
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[54] **ANTICORPS SPECIFIQUES ANTI-CD160 POUR UN TRAITEMENT DE TROUBLES OCULAIRES BASEES SUR LA NEOANGIOGENESE**
[72] LE BOUTEILLER, PHILIPPE, FR
[72] BENSUSSAN, ARMAND, FR
[73] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[73] ELSALYS BIOTECH, FR
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[72] STASTNY, HONZA, CA
[72] VERHIEL, JEFFREY RICHARD, CA
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[72] GOLDSMITH, EDWARD, US
[72] IE, CITRA, US
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[72] PIZZA, MARIAGRAZIA, IT
[72] DELANY, ISOBEL, IT
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[72] SELMAN, THOMAS H., US
[72] JENNINGS, MATTHEW J., US
[72] BERGMAN, STEPHEN M.., US
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[72] ISAKSEN, MAI FAURSCHOU, DK
[73] DUPONT NUTRITION BIOSCIENCES APS, DK
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[25] EN
[54] **PREVENTIVE OR THERAPEUTIC AGENT FOR FIBROSIS**
[54] **AGENT PREVENTIF OU THERAPEUTIQUE DESTINE A LA FIBROSE**
[72] GABAZZA, ESTEBAN C., JP
[72] KOBAYASHI, TETSU, JP
[72] TOYOBUKU, HIDEKAZU, JP
[72] FUKUDA, AYAKO, JP
[72] HASEGAWA, TETSUYA, JP
[73] MIE UNIVERSITY, JP
[73] OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 2013-03-28
[86] 2011-10-14 (PCT/JP2011/073628)
[87] (WO2012/050181)
[30] JP (2010-231946) 2010-10-14

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[25] EN
[54] **AUTOMATIC ABLATION TRACKING**
[54] **SUIVI D'UNE ABLATION AUTOMATIQUE**
[72] BAR-TAL, MEIR, IL
[72] TURGEMAN, AHARON, IL
[72] GAFNI, NOAM SEKER, IL
[73] BIOSENSE WEBSTER (ISRAEL), LTD., IL
[86] (2815755)
[87] (2815755)
[22] 2013-05-07
[30] US (13/465,103) 2012-05-07

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[51] **Int.Cl. G06F 8/61 (2018.01) G06F 8/65 (2018.01)**
[25] EN
[54] **UPGRADE OF SOFTWARE IMAGES BASED ON STREAMING TECHNIQUE**
[54] **MISE A NIVEAU D'IMAGES LOGICIELLES SUR LA BASE D'UNE TECHNIQUE DE DIFFUSION CONTINUE**
[72] MARINELLI, CLAUDIO, IT
[72] VUILLEUMIER STUECKELBERG, MARC, CH
[72] FONTIGNIE, JACQUES, CH
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2013-05-06
[86] 2011-11-10 (PCT/EP2011/069873)
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[25] EN
[54] **DOSAGE FORM**
[54] **FORME POSOLOGIQUE**
[72] MOHAMMAD, HASSAN, GB
[73] EURO-CELTIQUE S.A., LU
[85] 2013-06-06
[86] 2011-12-09 (PCT/GB2011/052455)
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[51] **Int.Cl. B28B 7/00 (2006.01)**
[25] EN
[54] **MOLDS FOR PRODUCING CONCRETE BLOCKS WITH ROUGHENED SURFACES; BLOCKS MADE THEREFROM; AND METHODS OF USE**
[54] **MOULES POUR OBTENIR DES BLOCS DE BETON A SURFACES RUGUEUSES, BLOCS FABRIQUES AVEC CES MOULES ET PROCEDES D'UTILISATION**
[72] JOHNSON, JAY, US
[72] HERNANDEZ, WALLY, US
[72] JOHNSON, PAUL, US
[72] LIDBOM, MIKE, US
[73] ANCHOR WALL SYSTEMS, INC., US
[85] 2013-07-31
[86] 2012-01-30 (PCT/US2012/023138)
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[25] EN
[54] **LOW OIL COMPOSITIONS COMPRISING A 4-SUBSTITUTED RESORCINOL AND A HIGH CARBON CHAIN ESTER**
[54] **COMPOSITIONS FAIBLES EN HUILE COMPRENANT UN RESORCINOL 4-SUBSTITUE ET UN ESTER DE CHAINE CARBONEE**
[72] DUFORT, MARISA DEVITA, US
[72] KAUR, SIMARNA, US
[72] SOUTHALL, MICHAEL D., US
[72] WEN, PING, US
[72] WU, JEFFREY M., US
[73] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[86] (2827499)
[87] (2827499)
[22] 2013-09-18
[30] US (13/624,998) 2012-09-24

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[25] EN
[54] **INTERNALLY COOLED GAS TURBINE ENGINE AIRFOIL**
[54] **PROFIL DE TURBINE A GAZ A REFROIDISSEMENT INTERNE**
[72] PAPPLE, MICHAEL, CA
[72] PLANTE, GHISLAIN, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2828422)
[87] (2828422)
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[51] **Int.Cl. G01N 21/33 (2006.01)**
[25] EN
[54] **DNA AND/OR RNA DETERMINATION FROM UV-VIS SPECTROPHOTOMETER DATA**
[54] **DETERMINATION D'ADN ET/OU D'ARN A PARTIR DE DONNEES SPECTROPHOTOMETRIQUES UV-VIS**
[72] BOONEFAES, TOM, BE
[73] TRINEAN NV, BE
[85] 2013-08-29
[86] 2012-02-29 (PCT/EP2012/053481)
[87] (WO2012/117036)
[30] US (61/447,941) 2011-03-01
[30] EP (11168005.4) 2011-05-29
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING MONOTERPENES**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES MONOTERPENES**
[72] CHEN, THOMAS, US
[72] LEVIN, DANIEL, US
[72] PUPPALI, SATISH, US
[73] NEONC TECHNOLOGIES INC., US
[85] 2013-08-30
[86] 2011-03-03 (PCT/US2011/027051)
[87] (WO2011/109635)
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[51] **Int.Cl. C02F 9/14 (2006.01) C02F 1/28 (2006.01) C02F 3/34 (2006.01)**
[25] EN
[54] **METHOD AND PLANT FOR TREATING WATER IN ORDER TO REDUCE ITS ENDOCRINE DISRUPTING EFFECT BY MEANS OF A LIVING ORGANISM**
[54] **PROCEDE ET USINE POUR TRAITER L'EAU AFIN D'EN REDUIRE L'EFFET PERTURBATEUR ENDOCRINIEN AU MOYEN D'UN ORGANISME VIVANT**
[72] GAID, ABDELKADER, FR
[72] SAUVIGNET, PHILIPPE, FR
[73] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[86] (2829652)
[87] (2829652)
[22] 2013-10-08
[30] FR (1259608) 2012-10-09

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[13] C
[51] **Int.Cl. G06Q 50/14 (2012.01) G06Q 10/02 (2012.01) G06K 9/62 (2006.01)**
[25] EN
[54] **MANAGING AN EXCHANGE THAT FULFILLS NATURAL LANGUAGE TRAVEL REQUESTS**
[54] **GESTION D'UN ECHANGE EXECUTANT DES DEMANDES DE VOYAGE EN LANGAGE NATUREL**
[72] MILLER, JONATHAN DAVID, CA
[72] MILLER, HAROLD ROY, CA
[72] SEIDER, STEVEN MARK, CA
[73] AMGINE TECHNOLOGIES (US), INC., US
[85] 2013-09-13
[86] 2012-03-14 (PCT/US2012/029121)
[87] (WO2012/125761)
[30] US (61/452,633) 2011-03-14

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[51] **Int.Cl. G06F 17/00 (2019.01) G06F 3/14 (2006.01) G06Q 40/06 (2012.01)**
[25] EN
[54] **AUGMENTED REALITY IN A VIRTUAL TOUR THROUGH A FINANCIAL PORTFOLIO**
[54] **REALITE AUGMENTEE DANS UNE VISITE VIRTUELLE DANS UN PORTEFEUILLE FINANCIER**
[72] MARTIN, DAVID, US
[73] FMR LLC, US
[85] 2013-09-20
[86] 2012-03-21 (PCT/US2012/029913)
[87] (WO2012/129282)
[30] US (61/466,180) 2011-03-22
[30] US (13/325,358) 2011-12-14

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[13] C
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[25] EN
[54] **PACKAGE HAVING A PRINTED LAMINATE**
[54] **EMBALLAGE POURVU D'UN STRATIFIE IMPRIME**
[72] NOWAK, MICHAEL R., US
[72] KOHL, CORI K., US
[73] COATING EXCELLENCE INTERNATIONAL LLC, US
[85] 2013-09-20
[86] 2012-03-30 (PCT/US2012/031543)
[87] (WO2012/135674)
[30] US (13/076,983) 2011-03-31

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[51] **Int.Cl. F02C 7/232 (2006.01) B64D 37/00 (2006.01) F16K 11/02 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE FUEL SYSTEM WITH ECOLOGY VALVE**
[54] **SYSTEME D'ALIMENTATION EN CARBURANT POUR UNE TURBINE A GAZ A SOUPAPE DISTRIBUTRICE ECOLOGIQUE**
[72] BELLEVILLE, FRANCOIS, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2831315)
[87] (2831315)
[22] 2013-10-24
[30] US (61/783,086) 2013-03-14

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[51] **Int.Cl. D21H 17/01 (2006.01) D21C 9/00 (2006.01) G01N 21/77 (2006.01) G01N 21/88 (2006.01)**
[25] EN
[54] **METHOD OF MONITORING MACROSTICKIES IN A RECYCLING AND PAPER OR TISSUE MAKING PROCESS INVOLVING RECYCLED PULP**
[54] **PROCEDE DE SURVEILLANCE DE MATIERES COLLANTES MACROSCOPIQUES DANS UN PROCEDE DE RECYCLAGE ET DE FABRICATION DE PAPIER OU DE PAPIER-MOUCHOIR METTANT EN JEU DE LA PATE RECYCLEE**
[72] VON DRASEK, WILLIAM A., US
[72] BROTHERSON, BRETT, US
[72] SHEVCHENKO, SERGEY M., US
[72] MURCIA, MICHAEL J., US
[73] NALCO COMPANY, US
[85] 2013-09-26
[86] 2012-04-04 (PCT/US2012/032087)
[87] (WO2012/138704)
[30] US (13/079,891) 2011-04-05

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[13] C
[51] **Int.Cl. A61C 7/08 (2006.01) A63B 71/08 (2006.01)**
[25] EN
[54] **MOUTH GUARD WITH BREATHING AND DRINKING APERTURE**
[54] **PROTEGE-DENTS AVEC OUVERTURE PERMETTANT DE RESPIRER ET DE BOIRE**
[72] EVANS, MICHAEL, US
[72] EVANS, JEFFREY M., US
[72] CIRCO, CHRISTOPHER W., US
[73] BATTLE-ABC, LLC, US
[86] (2832175)
[87] (2832175)
[22] 2013-11-01
[30] US (13/666,698) 2012-11-01

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[13] C
[51] **Int.Cl. A61K 31/05 (2006.01) A61K 31/185 (2006.01) A61K 31/352 (2006.01) A61P 25/02 (2006.01)**
[25] EN
[54] **CANNABINOIDS FOR USE IN THE TREATMENT OF NEUROPATHIC PAIN**
[54] **CANNABINOIDES DESTINE ETRE UTILISE DANS LE TRAITEMENT DE LA DOULEUR NEUROPATHIQUE**
[72] MAIONE, SABATINO, IT
[72] ROSSI, FRANCESCO, IT
[72] GUY, GEOFFREY, GB
[72] STOTT, COLIN, GB
[72] KIKUCHI, TETSURO, JP
[73] GW PHARMA LIMITED, GB
[85] 2013-10-11
[86] 2012-05-18 (PCT/GB2012/051129)
[87] (WO2012/160358)
[30] GB (1108506.5) 2011-05-20

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[13] C
[51] **Int.Cl. B65D 1/02 (2006.01) B29C 49/08 (2006.01)**
[25] EN
[54] **CONTAINER WITH BEND RESISTANT GRIPPABLE DOME**
[54] **CONTENANT DOTE D'UN FOND SAISISSABLE RESISTANT A LA FLEXION**
[72] YOURIST, SHELDON E., US
[72] HUNTER, TRAVIS A., US
[72] PRITCHETT, RAYMOND A., JR., US
[73] GRAHAM PACKAGING COMPANY, L.P., US
[86] (2834020)
[87] (2834020)
[22] 2013-11-22
[30] US (13/836,957) 2013-03-15

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[51] **Int.Cl. A61K 39/12 (2006.01) A61P 31/20 (2006.01) A61P 37/04 (2006.01) C07K 14/025 (2006.01) C12N 7/00 (2006.01)**
[25] EN
[54] **HPV VACCINE FORMULATIONS COMPRISING ALUMINUM ADJUVANT AND METHODS OF PRODUCING SAME**
[54] **FORMULATION DE VACCIN CONTRE LE PAPILLOMAVIRUS COMPRENANT UN ADJUVANT A L'ALUMINIUM, ET PROCEDE DE PRODUCTION CORRESPONDANT**
[72] BHAMBHANI, AKHILESH, US
[72] CHINTALA, RAMESH V., US
[73] MERCK SHARP & DOHME CORP., US
[85] 2013-10-28
[86] 2012-06-22 (PCT/US2012/043694)
[87] (WO2012/177970)
[30] US (61/500,829) 2011-06-24

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[13] C
[51] **Int.Cl. B60R 25/20 (2013.01) B60W 50/12 (2012.01) B60R 25/04 (2013.01)**
[25] EN
[54] **DATA EXTRACTION METHOD**
[54] **METHODE D'EXTRACTION DE DONNEES**
[72] COMEAU, FELIX J. E., CA
[72] CONNERTY, DENISE L., CA
[73] COMEAU, FELIX J. E., CA
[73] CONNERTY, DENISE L., CA
[73] ALCOHOL COUNTERMEASURE SYSTEMS (INTERNATIONAL) INC., CA
[86] (2835984)
[87] (2835984)
[22] 2013-12-09
[30] US (61/734,417) 2012-12-07

[11] **2,836,269**
[13] C
[51] **Int.Cl. A61B 3/12 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO OPHTHALMOSCOPES**
[54] **AMELIORATIONS RELATIVES AUX OPHTHALMOSCOPES**
[72] MUYO, GONZALO, GB
[72] SWAN, DEREK, GB
[73] OPTOS PLC, GB
[86] (2836269)
[87] (2836269)
[22] 2013-12-11
[30] GB (1223180.9) 2012-12-21

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[13] C
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 33/12 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **DOWNHOLE COMPLETION TOOL**
[54] **OUTIL DE FORMATION DE FOND DE PUITS**
[72] KIPPOLA, KEVIN SCOTT, US
[72] BLANTON, TRACY DEAN, US
[72] CHRETIEN, TODD ULRICH, US
[72] DARNELL, WILLIAM JOHN, US
[73] PACKERS PLUS ENERGY SERVICES (USA) INC., US
[86] (2836678)
[87] (2836678)
[22] 2013-12-13
[30] US (13/857,101) 2013-04-04
[30] US (61/883,156) 2013-09-26
[30] US (14/098,012) 2013-12-05

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[13] C
[51] **Int.Cl. A01N 59/06 (2006.01) A61K 33/08 (2006.01) C02F 1/50 (2006.01)**
[25] EN
[54] **FISH LICE TREATMENT METHOD**
[54] **PROCEDE DE TRAITEMENT DE POUX DE POISSON**
[72] STRAND, HANS KRISTIAN, NO
[72] HARBOE, TORSTEIN, NO
[73] SEACALX AS, NO
[85] 2013-12-17
[86] 2012-07-02 (PCT/GB2012/051549)
[87] (WO2013/001317)
[30] GB (1111189.5) 2011-06-30

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[51] **Int.Cl. C07D 471/04 (2006.01)**
[25] EN
[54] **PROCESSES AND INTERMEDIATES FOR PRODUCING AZAINDOLES**
[54] **PROCEDES ET INTERMEDIAIRES POUR PRODUIRE DES AZAINDOLES**
[72] TANOURY, GERALD J., US
[72] JUNG, YOUNG CHUN, US
[72] MAGDZIAK, DEREK, US
[72] LOOKER, ADAM, US
[72] KLINE, BILLIE J., US
[72] JURCIK, VACLAV, GB
[72] DOMINGUEZ OLMO, BEATRIZ, GB
[73] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2013-12-18
[86] 2012-07-03 (PCT/US2012/045431)
[87] (WO2013/006634)
[30] US (61/504,351) 2011-07-05
[30] US (61/636,296) 2012-04-20

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[13] C
[51] **Int.Cl. C10G 31/09 (2006.01) C10G 3/00 (2006.01) C10G 25/00 (2006.01) C11B 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROCESSING DIESEL FUEL FROM WASTE OIL**
[54] **SYSTEME ET PROCEDE DE RAFFINAGE DE CARBURANT DIESEL A PARTIR D'HUILE USAGEE**
[72] MIDDELTON, ORVILLE, CA
[72] HABICHT, TODD, CA
[72] WINRAM, JOHN A., CA
[72] HABICHT, BERNHARD G. (DECEASED), CA
[73] HD PETROLEUM INC., CA
[85] 2013-12-19
[86] 2012-10-03 (PCT/CA2012/000913)
[87] (WO2013/049918)
[30] US (61/542,730) 2011-10-03

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[51] **Int.Cl. F02C 7/36 (2006.01) B64D 35/00 (2006.01) F02C 9/00 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH TRANSMISSION**
[54] **TURBINE A GAZ AVEC TRANSMISSION**
[72] ULLYOTT, RICHARD, CA
[72] MORGAN, KEITH, CA
[72] DUBREUIL, JEAN, CA
[72] MILTROVIC, LAZAR, CA
[72] DOOLEY, KEVIN ALLAN, CA
[72] KENNY, STEPHEN, CA
[72] MEDVEDEV, ILYA, RU
[72] VINSKI, JOHNNY, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2841405)
[87] (2841405)
[22] 2014-01-29
[30] US (13/754,304) 2013-01-30

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[51] **Int.Cl. F02C 7/36 (2006.01) F16H 3/44 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH TRANSMISSION**
[54] **TURBINE A GAZ AVEC TRANSMISSION**
[72] DUBREUIL, JEAN, CA
[72] KENNY, STEPHEN, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2841407)
[87] (2841407)
[22] 2014-01-29
[30] US (13/754,045) 2013-01-30

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[13] C
[51] **Int.Cl. A61K 9/12 (2006.01) A61K 31/351 (2006.01) A61P 33/14 (2006.01)**
[25] EN
[54] **TOPICAL OILY FOAM COMPOSITIONS**
[54] **COMPOSITIONS MOUSSANTES HUILEUSES TOPIQUES**
[72] ARNON, MICHAL N., IL
[72] KAMENETSKY, TATIANA, IL
[73] PERRIGO ISRAEL PHARMACEUTICALS LTD, IL
[85] 2014-01-17
[86] 2012-07-19 (PCT/IL2012/000281)
[87] (WO2013/011501)
[30] US (61/509,888) 2011-07-20

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[13] C
[51] **Int.Cl. G01M 3/24 (2006.01) F17D 5/06 (2006.01) G01N 29/02 (2006.01)**
[25] EN
[54] **UNDERWATER DETECTION APPARATUS**
[54] **DISPOSITIF DE DETECTION SOUS-MARINE**
[72] SAETHER, FRANK TORE, NO
[73] NAXYS AS, NO
[85] 2014-01-21
[86] 2012-07-18 (PCT/NO2012/050138)
[87] (WO2013/019119)
[30] NO (20111092) 2011-08-02
[30] GB (1113278.4) 2011-08-02

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[13] C
[51] **Int.Cl. C07C 6/02 (2006.01) B01J 31/12 (2006.01) C07C 7/20 (2006.01) C07C 9/00 (2006.01) C07C 11/02 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING OLEFINS VIA METATHESIS**
[54] **PROCEDE DE PRODUCTION D'OLEFINES PAR METATHESE**
[72] SCHERTZER, BRYAN M., US
[72] GRELA, KAROL L., PL
[72] CZABAN, JUSTYNA, PL
[73] NALCO COMPANY, US
[85] 2014-01-21
[86] 2012-09-21 (PCT/US2012/056469)
[87] (WO2013/048885)
[30] US (13/246,994) 2011-09-28

[11] **2,844,697**
[13] C
[51] **Int.Cl. F26B 25/22 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM TO SELECTIVELY DRY GRAIN IN A GRAIN BIN**
[54] **PROCEDE ET SYSTEME POUR FAIRE SECHER DU GRAIN SELECTIVEMENT DANS UNE CELLULE A GRAIN**
[72] BLOEMENDAAL, BRENT J., US
[73] CTB, INC., US
[86] (2844697)
[87] (2844697)
[22] 2014-02-28
[30] US (13/791,936) 2013-03-09

[11] **2,845,159**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 3/00 (2006.01) A61P 11/00 (2006.01) A61P 17/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **COMPOUNDS AND COMPOSITIONS AS C-KIT KINASE INHIBITORS**
[54] **COMPOSES ET COMPOSITIONS POUVANT ETRE UTILISES EN TANT QU'INHIBITEURS DE LA KINASE C-KIT**
[72] YEH, VINCE, US
[72] LI, XIAOLIN, US
[72] LIU, XIAODONG, US
[72] LOREN, JON, US
[72] MOLTENI, VALENTINA, US
[72] NABAKKA, JULIET, US
[72] NGUYEN, BAO, US
[72] PETRASSI, HANK MICHAEL JAMES, US
[73] NOVARTIS AG, CH
[85] 2014-02-12
[86] 2012-08-28 (PCT/US2012/052621)
[87] (WO2013/033070)
[30] US (61/530,028) 2011-09-01

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[54] **PROCEDE DE RENVOI D'ACK/NACK DANS UN SYSTEME DE COMMUNICATION SANS FIL**
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[72] LI, YINGYANG, CN
[72] SUN, CHENGJUN, CN
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **SYSTEM AND METHOD FOR IMPORTING RATINGS FOR MEDIA CONTENT**
[54] **SYSTEME ET PROCEDE D'IMPORTATION D'EVALUATIONS POUR UN CONTENU MULTIMEDIA**
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[72] RUBINSTEIN, JASON, US
[73] REDBOX AUTOMATED RETAIL, LLC, US
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[54] **ASPHALT OXIDATION TECHNIQUE**
[54] **TECHNIQUE D'OXYDATION D'ASPHALTE**
[72] SOTO, NICHOLAS R., US
[72] KELLEY, DALE, US
[72] RICHARDSON, PAUL, US
[72] BOSS, DANIEL, US
[73] BUILDING MATERIALS INVESTMENT CORPORATION, US
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[54] **TRAITEMENT DE LA MALADIE DE DUPUYTREN**
[72] NANCHAHAL, JAGDEEP, GB
[72] MIDWOOD, KIM SUZANNE, GB
[73] OXFORD UNIVERSITY INNOVATION LIMITED, GB
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[54] **PRODUCTION OF ODD CHAIN FATTY ACID DERIVATIVES IN RECOMBINANT MICROBIAL CELLS**
[54] **PRODUCTION DE DERIVES D'ACIDE GRAS A CHAINE PAIRE DANS CELLULES MICROBIENNES RECOMBINANTES**
[72] LEE, GRACE J., US
[72] HALIBURTON, JOHN R., US
[72] HU, ZHIHAO, US
[72] SCHIRMER, ANDREAS W., US
[73] REG LIFE SCIENCES, LLC, US
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[54] **VARIANTES D'ENZYMES A PROPRIETES AMELIOREES**
[72] BIRIKH, KLARA, FI
[72] AZHAYEV, ALEXEY, FI
[73] METGEN OY, FI
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[54] **SLIDE SCANNER WITH A TILTED IMAGE**
[54] **SCANNER DE DIAPOSITIVES AYANT UN PLAN IMAGE INCLINE**
[72] DAMASKINOS, SAVVAS (NMI), CA
[72] DIXON, ARTHUR EDWARD, CA
[73] HURON TECHNOLOGIES INTERNATIONAL INC., CA
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[54] **SYSTEME DE GAZ A HAUTE PRESSION**
[72] MARSH, STEPHEN ALAN, US
[72] PARKER, DONALD MERRILL, US
[73] ENCITE LLC, US
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[54] **DOMESTIC COOKING APPLIANCE WITH EMBOSSED LOCKING SYSTEM FOR A GAS FLUE**
[54] **APPAREIL ELECTROMENAGER DE PREPARATION CULINAIRE AVEC SYSTEME DE VERROUILLAGE EMBOSSE POUR CONDUIT DE GAZ**
[72] DAUGHTRIDGE JR., CHARLES, US
[72] KNIGHT, BENJAMIN, US
[73] BSH HOME APPLIANCES CORPORATION, US
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[54] **PROCEDE DE DETECTION PREVENTIVE D'UNE PANNE D'UN APPAREIL, PROGRAMME D'ORDINATEUR, INSTALLATION ET MODULE DE DETECTION PREVENTIVE D'UNE PANNE D'UN APPAREIL**
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[72] THILLOT, YVES, FR
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[54] **MOBILE TOUCH-GENERATING DEVICE AS SECURE LOUPE FOR TOUCHSCREEN DEVICES**
[54] **DISPOSITIF DE GENERATION TACTILE MOBILE COMME LOUPE SECURISEE POUR DISPOSITIFS A ECRAN TACTILE**
[72] BAENTSCH, MICHAEL, CH
[72] KRAMP, THORSTEN, CH
[72] KUYPER-HAMMOND, MICHAEL PETER, CH
[72] WEIGOLD, THOMAS D., CH
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **METHOD AND APPARATUS FOR OPERATING FUNCTION IN TOUCH DEVICE**
[54] **PROCEDE ET APPAREIL D'UTILISATION D'UNE FONCTION DANS UN DISPOSITIF TACTILE**
[72] JEONG, JIN HONG, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **UNDERCUT EXCAVATION METHOD WITH CONTINUOUS CONCRETE FLOORS**
[54] **PROCEDE D'EXCAVATION DE CREUSEMENT AVEC PLANCHERS EN BETON CONTINUS**
[72] GRYBA, CHARLES MICHAEL, CA
[73] 2341451 ONTARIO INC., CA
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[25] EN
[54] **CONJUGATES OF GM-CSF AND IL-7, COMPOSITIONS AND METHODS RELATED THERETO**
[54] **CONJUGUES DE GM-CSF ET D'IL-7, COMPOSITIONS EN CONTENANT ET METHODES ASSOCIEES**
[72] GALIPEAU, JACQUES, US
[72] HSIEH, HSIANG-CHUAN, US
[73] EMORY UNIVERSITY, US
[73] CHILDREN'S HEALTHCARE OF ATLANTA, INC., US
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[54] **EXPLOSIVE COMPOSITION COMPRISING SENSITIZING VOIDS**
[54] **COMPOSITION EXPLOSIVE COMPRENANT DES BULLES SENSIBILISATRICES**
[72] COOPER, JOHN, GB
[72] KIRBY, IAN JOHN, GB
[72] GOODRIDGE, RICHARD, US
[72] SUJANSKY, VLADIMIR, AU
[72] FERGUSON, SIMON JAMES, AU
[73] ORICA INTERNATIONAL PTE LTD, SG
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[54] **LOCALISATION D'UN FIL-GUIDE**
[72] SCHNEIDER, MARK ROBERT, US
[72] SCULLY, JACK THOMAS, US
[73] ASCENSION TECHNOLOGY CORPORATION, US
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[25] EN
[54] **SYSTEM, METHODS AND NODES FOR PROVIDING ZONE-BASED SERVICES BASED ON PAIRINGS BETWEEN COMPATIBLE PROFILES**
[54] **SYSTEMES, PROCEDES ET N□UDS POUR FOURNIR DES SERVICES EN RAPPORT AVEC UNE ZONE, SUR LA BASE D'APPAIREMENTS ENTRE PROFILS COMPATIBLES**
[72] LACASSE, SERGE, CA
[72] SALDANA, GUILLERMO, CA
[73] UNIVERSITE LAVAL, CA
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[25] FR
[54] **HOMOGENEOUS AQUEOUS SOLUTION OF INJECTABLE CHITOSAN**
[54] **SOLUTION AQUEUSE HOMOGENE DE CHITOSANE INJECTABLE**
[72] DUPASQUIER, FLORENCE, FR
[72] DAVID, LAURENT, FR
[72] DELAIR, THIERRY, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] UNIVERSITE JEAN MONNET, FR
[73] INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE LYON, FR
[73] UNIVERSITE CLAUDE BERNARD LYON 1, FR
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[54] **SEPARATION OF IRON FROM VALUE METALS IN LEACHING OF LATERITE ORES**
[54] **SEPARATION DU FER PRESENT DANS DES METAUX DE VALEUR LORS DE LA LIXIVIATION DE MINERAIS DE LATERITE**
[72] LAKSHMANAN, VAIKUNTAM I., CA
[72] SRIDHAR, RAMAMRITHAM, CA
[72] CHEN, JONATHAN, CA
[72] HALIM, M.A., CA
[72] DELAAT, ROBERT, CA
[73] PROCESS RESEARCH ORTECH INC., CA
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[25] EN
[54] **FILTRATION MEDIUM COMPRISING A METAL SULFIDE**
[54] **MILIEU DE FILTRATION COMPRENANT UN SULFURE METALLIQUE**
[72] SIEDLE, ALLEN R., US
[72] DOYLE, MEREDITH M., US
[72] STOUFFER, MARK R., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[25] EN
[54] **ANTI-CANCER COMPOUNDS TARGETING RAL GTPASES AND METHODS OF USING THE SAME**
[54] **COMPOSES ANTICANCEREUX CIBLANT DES GTPASES RAL ET LEURS PROCEDES D'UTILISATION**
[72] THEODORESCU, DAN, US
[72] WEMPE, MICHAEL FITZPATRICK, US
[72] ROSS, DAVID, US
[72] MEROUEH, SAMY, US
[72] SCHWARTZ, MARTIN A., US
[72] REIGAN, PHILLIP, US
[73] THE REGENTS OF THE UNIVERSITY OF COLORADO, US
[73] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
[73] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
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[54] **KIT FOR THE PREPARATION OF A VACCINATING AGENT**
[54] **PROCEDE POUR PRODUIRE UN VACCIN**
[72] RAULEDER, DIRK NEVEN, DE
[72] BEHRENS, GERALD, DE
[72] ELBERS, KNUT, DE
[73] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
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[25] EN
[54] **PROCESS FOR SEPARATING HYDROCARBON COMPOUNDS**
[54] **PROCEDE DE SEPARATION DE COMPOSES HYDROCARBONES**
[72] WEINBERGER, SAM, US
[72] EDWARDS, JUSTIN D., US
[72] WOLFENBARGER, JULIAN, US
[72] VUDDAGIRI, SRINIVAS R., US
[72] RAHMIM, IRAJ ISAAC, US
[73] LUMMUS TECHNOLOGY LLC, US
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[54] **INULIN AND INULIN ACETATE FORMULATIONS**
[54] **FORMULATIONS A BASE D'INULINE ET D'ACETATE D'INULINE**
[72] TUMMALA, HEMACHAND, US
[72] KUMAR, SUNNY, US
[73] SOUTH DAKOTA STATE UNIVERSITY, US
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[25] EN
[54] **COPROCESSING OF BIOFEEDS WITH BULK MIXED METAL CATALYSTS**
[54] **CO-TRAITEMENT DE BIO-ALIMENTATIONS COMPORTANT DES CATALYSEURS METALLIQUES MIXTES EN VRAC**
[72] FINGLAND, BRADLEY R., US
[72] HANKS, PATRICK LORING, US
[72] SOLED, STUART LEON, US
[72] MISEO, SABATO, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[86] 2013-03-28 (PCT/US2013/034209)
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[30] US (61/617,984) 2012-03-30
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[54] **CATHETER HYBRIDE DESTINE A LA RESECTION DE TISSUS**
[72] BEN OREN, ILAN, IL
[72] BEN OREN TAMIR, YIFAT, IL
[73] EXIMO MEDICAL LTD., IL
[85] 2014-07-24
[86] 2012-02-23 (PCT/IL2012/000088)
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[30] US (61/446,145) 2011-02-24
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[54] **METHODS FOR MAKING CATALYST COMPOSITIONS AND POLYMER PRODUCTS PRODUCED THEREFROM**
[54] **PROCEDES DE PRODUCTION DE COMPOSITIONS DE CATALYSEUR ET PRODUITS POLYMERES PRODUITS A PARTIR DE CELLES-CI**
[72] MARIOTT, WESLEY R., US
[72] CANN, KEVIN J., US
[72] MOORHOUSE, JOHN H., US
[72] GOODE, MARK G., US
[72] OSWALD, THOMAS, US
[73] UNIVATION TECHNOLOGIES, LLC, US
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[54] **A METHOD AND A SYSTEM FOR CONTROLLING CIRCUMFERENTIAL WRAPPING OF A CYLINDRICAL BALE IN A BALE FORMING CHAMBER OF A BALER, AND A BALER AND A METHOD FOR PRODUCING A CIRCUMFERENTIALLY WRAPPED BALE**
[54] **PROCEDE ET SYSTEME PERMETTANT DE CONTROLER L'EMBALLAGE CIRCONFERENTIEL D'UNE BALLE CYLINDRIQUE DANS UNE CHAMBRE DE FORMATION DE BALLES D'UNE RAMASSEUSE-PRESSE, ET RAMASSEUSE-PRESSE ET PROCEDE DE PRODUCTION D'UNE BALLE EMBALLEE DE FACON CIRCONFERENTIELLE**
[72] MCHALE, PADRAIC CHRISTOPHER, IE
[72] MCHALE, MARTIN WILLIAM, IE
[72] HEANEY, JAMES JOHN, IE
[72] SHERIDAN, GERARD PATRICK, IE
[72] COLLINS, DONAL PATRICK, IE
[72] MCDERMOTT, KAROL ANGELO, IE
[73] MCHALE ENGINEERING, IE
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[54] **EX VIVO NK CELL DIFFERENTIATION FROM CD34+ HEMATOPOIETIC CELLS**
[54] **DIFFERENCIATION EX VIVO DE CELLULES TUEUSES NATURELLES A PARTIR DE CELLULES HEMATOPOIETIQUES CD34+**
[72] SPANHOLTZ, JAN, DE
[72] DOLSTRA, HARMEN, NL
[73] GLYCOSTEM THERAPEUTICS B.V., NL
[85] 2014-08-06
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[30] EP (12154554.5) 2012-02-08

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[25] EN
[54] **A STEERING APPARATUS FOR A STEERED VEHICLE**
[54] **APPAREIL DE CHANGEMENT DE CAP POUR UN VEHICULE DIRIGE**
[72] CLARKE, DOUGLAS, US
[72] CHAN, ANSON, CA
[72] HIGGS, DAVID, CA
[73] MARINE CANADA ACQUISITION INC., CA
[85] 2014-08-14
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[54] **SYSTEMS, METHODS, AND APPARATUS FOR DRAWING CHEMICAL STRUCTURES USING TOUCH AND GESTURES**
[54] **SYSTEMES, PROCEDES ET APPAREIL POUR DESSINER DES STRUCTURES CHIMIQUES AU MOYEN DE CONTACTS ET DE GESTES**
[72] SMITH, ROBIN YOUNG, US
[72] FLICKER, SCOTT GREGORY, US
[72] OBERLIN, DANIEL MALCOLM, US
[72] SMELLIE, ANDREW, US
[73] PERKINELMER INFORMATICS, INC., US
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[25] EN
[54] **METHOD FOR THE PREPARATION OF TRIGLYCERIDES OF MEDIUM-CHAIN LENGTH FATTY ACIDS**
[54] **PROCEDE POUR LA PREPARATION DE TRIGLYCERIDES D'ACIDES GRAS DE LONGUEUR DE CHAINE MOYENNE**
[72] BOULOS, ZACHARIE, CA
[72] DUCEPPE, JEAN-SIMON, CA
[72] PENNEY, CHRISTOPHER, CA
[73] LIMINAL R&D BIOSCIENCES INC., CA
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[25] FR
[54] **METHOD FOR PRODUCING A LEADING EDGE SKIN BY BAKING A STACK INCORPORATING HEATING ELEMENTS AND LAYERS OF PRE-IMPREGNATED FIBRES**
[54] **PROCEDE DE FABRICATION D'UNE PEAU DE BORD D'ATTAQUE PAR CUISSON D'UN EMPILEMENT INTEGRANT DES ELEMENTS CHAUFFANTS ET DES COUCHES DE FIBRES PREIMPREGNEES**
[72] CREPIN, JEAN-PHILIPPE, BE
[72] GUEUNING, DIMITRI, BE
[73] SONACA S.A., BE
[85] 2014-08-22
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[25] EN
[54] **TETRAZOLINONE COMPOUNDS AND ITS USE AS PESTICIDES**
[54] **COMPOSES DE TETRAZOLINONE ET LEUR UTILISATION EN TANT QUE PESTICIDES**
[72] YOSHIMOTO, YUYA, JP
[72] ARIMORI, SADAYUKI, JP
[72] MATSUZAKI, YUICHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2014-09-09
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[25] EN
[54] **METHOD FOR RECOVERING HYDROCARBON FLUIDS FROM A HYDRAULIC FRACTURING PROCESS**
[54] **PROCEDE DE RECUPERATION DE FLUIDES HYDROCARBONES PROVENANT D'UN PROCEDE DE FRACTURATION HYDRAULIQUE**
[72] FRISK, SIMON, US
[72] LIM, HYUN SUNG, US
[72] BATES, LISA C., US
[72] ANDRIN, PETER, CA
[72] EL-BORNO, BASIL, CA
[73] DUPONT SAFETY & CONSTRUCTION, INC., US
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[25] EN
[54] **MANAGEMENT OF ETHANOL CONCENTRATION DURING SYNGAS FERMENTATION**
[54] **GESTION DE LA CONCENTRATION EN ETHANOL PENDANT LA FERMENTATION DE GAZ DE SYNTHESE**
[72] SENARATNE, RYAN, US
[72] LIU, SONG, US
[73] JUPENG BIO (HK) LIMITED, CN
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[54] **PISTON FOR COLD CHAMBER DIE-CASTING MACHINES**
[54] **PISTON POUR MACHINES DE COULEE SOUS PRESSION A CHAMBRE FROIDE**
[72] SCHIVALOCCHI, CHIARA, CH
[73] CPR SUISSE S.A., CH
[85] 2014-09-25
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[25] EN
[54] **PRE-BLENDED MIXTURES OF SPECIFIC HYDROCARBON LIQUIDS STRUCTURED WITH HIGH MELTING POINT STRUCTURING MATERIAL**
[54] **MELANGES PRE-MELANGES DE LIQUIDES HYDROCARBONES SPECIFIQUES, STRUCTURES A L'AIDE D'UNE MATIERE DE STRUCTURATION A POINT DE FUSION ELEVE**
[72] LIU, HONGJIE, US
[72] HU, YUNTAO THOMAS, US
[72] CHANDAR, PREM, US
[73] UNILEVER PLC, GB
[85] 2014-09-30
[86] 2013-04-10 (PCT/EP2013/057510)
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[25] EN
[54] **ELECTRODES FOR A BIO-IMPEDANCE MEASURING DEVICE, AND DEVICES USED DURING DIALYSIS**
[54] **ELECTRODES POUR UN DISPOSITIF DE MESURE DE BIO-IMPEDANCE, ET DISPOSITIFS UTILISES PENDANT UNE DIALYSE**
[72] WABEL, PETER, DE
[72] CHAMNEY, PAUL, GB
[72] GROEBER, TOBIAS, DE
[72] MOISSL, ULRICH, DE
[72] WIESKOTTEN, SEBASTIAN, DE
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[25] EN
[54] **RAPID-DEPLOYMENT OIL SPILL CONTAINMENT BOOM AND METHOD OF DEPLOYMENT**
[54] **FLECHE DE CONFINEMENT DE DEVERSEMENT DE PETROLE A DEPLACEMENT RAPIDE ET PROCEDE DE DEPLOIEMENT**
[72] SHANY, ARNON, IL
[72] UR, BOAZ, IL
[72] GREENBERG, HAIM, IL
[73] HARBO TECHNOLOGIES LTD., IL
[85] 2014-10-14
[86] 2013-04-14 (PCT/IL2013/050325)
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[25] EN
[54] **APPARATUS AND METHOD TO REMOTELY CONTROL FLUID FLOW IN TUBULAR STRINGS AND WELLBORE ANNULUS**
[54] **APPAREIL ET PROCEDE PERMETTANT DE REGULER A DISTANCE UN ECOULEMENT DE FLUIDE DANS DES TIGES TUBULAIRES ET UN ESPACE ANNULAIRE DE TROU DE FORAGE**
[72] TAHOUN, AHMED, MY
[72] KAFAFY, RAED, MY
[72] JAWAMIR, KARAM, MY
[72] ALDHEEB, MOHAMED, MY
[72] KHALIL, ABDUL MUSHAWWIR, MY
[73] MIT INNOVATION SDN. BHD, MY
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[25] EN
[54] **CRYSTALLINE FORM A OF 1,5-DIMETHYL-6-THIOXO-3-(2,2,7-TRIFLUORO-3-OXO-4-(PROP-2-YNYL)-3,4-DIHYDRO-2H-BENZO[B][1,4]OXAZIN-6-YL)-1,3,5-TRIAZINANE-2,4-DIONE**
[54] **FORME CRISTALLINE A DE 1,5-DIMETHYL-6-THIOXO-3-(2,2,7-TRIFLUORO-3-OXO-4-(PROP-2-YNYL)-3,4-DIHYDRO-2H-BENZO[B][1,4]OXAZIN-6-YL)-1,3,5-TRIAZINANE-2,4-DIONE**
[72] REINHARD, ROBERT, DE
[72] CHIODO, TIZIANA, DE
[72] WOLF, BERND, DE
[72] SCHERER, STEFAN, DE
[72] BRATZ, MATTHIAS, DE
[72] WITSCHEL, MATTHIAS, DE
[72] NEWTON, TREVOR WILLIAM, DE
[72] SEITZ, THOMAS, DE
[73] BASF SE, DE
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[54] **CRYSTALLINE FORM B OF 1,5-DIMETHYL-6-THIOXO-3-(2,2,7-TRIFLUORO-3-OXO-4-(PROP-2-YNYL)-3,4-DIHYDRO-2H-BENZO[B][1,4]OXAZIN-6-YL)-1,3,5-TRIAZINANE-2,4-DIONE**
[54] **FORME CRISTALLINE B DE 1,5-DIMETHYL-6-THIOXO-3-(2,2,7-TRIFLUORO-3-OXO-4-(PROP-2-YNYL)-3,4-DIHYDRO-2H-BENZO[B][1,4]OXAZIN-6-YL)-1,3,5-TRIAZINANE-2,4-DIONE**
[72] REINHARD, ROBERT, DE
[72] CHIODO, TIZIANA, DE
[72] WOLF, BERND, DE
[72] SCHERER, STEFAN, DE
[72] BRATZ, MATTHIAS, DE
[72] WITSCHEL, MATTHIAS, DE
[72] NEWTON, TREVOR WILLIAM, DE
[72] SEITZ, THOMAS, DE
[73] BASF SE, DE
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[25] EN
[54] **DEPOT FORMULATIONS OF A HYDROPHOBIC ACTIVE INGREDIENT AND METHODS FOR PREPARATION THEREOF**
[54] **PREPARATIONS DE DEPOT D'UN PRINCIPE ACTIF HYDROPHOBE ET PROCEDES DE PREPARATION ASSOCIES**
[72] AMSELEM, SHIMON, IL
[72] NAVEH, MICHAEL, IL
[73] PAINREFORM LTD., IL
[85] 2014-10-28
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[30] US (61/649,400) 2012-05-21
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[54] **THERAPEUTIC BACTERIOPHAGE COMPOSITIONS**
[54] **COMPOSITIONS THERAPEUTIQUES A BASE DE BACTERIOPHAGES**
[72] HARPER, DAVID, GB
[72] BLAKE, KATY, GB
[73] ARMATA PHARMACEUTICALS, INC., US
[85] 2014-10-29
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[54] **COMPOUNDED SURFACE TREATED CARBOXYALKYLATED STARCH POLYCRYLATE COMPOSITES**
[54] **COMPOSITES D'AMIDON CARBOXYALKYLE-POLYACRYLATE TRAITES EN SURFACE DE FACON MELANGEE**
[72] SUAREZ-HERNANDEZ, OSCAR, CA
[73] ARCHER-DANIELS-MIDLAND COMPANY, US
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[54] **CAPTEUR D'IMAGERIE DE FAISCEAU**
[72] MCANINCH, MICHAEL D., US
[72] ROOT, JEFFREY J., US
[73] BWXT NUCLEAR OPERATIONS GROUP, INC., US
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[54] **PROCESS FOR DIRECT HYDROGEN INJECTION IN LIQUID FULL HYDROPROCESSING REACTORS**
[54] **PROCEDE D'INJECTION DIRECTE D'HYDROGENE DANS DES REACTEURS D'HYDROTRAITEMENT REMPLIS DE LIQUIDE**
[72] DINDI, HASAN, US
[73] REFINING TECHNOLOGY SOLUTIONS, LLC, US
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[25] EN
[54] **ENHANCED TECHNIQUES FOR DEWATERING THICK FINE TAILINGS**
[54] **TECHNIQUES AMELIOREES DE DESHYDRATATION DE RESIDUS FINS ET EPAIS**
[72] REVINGTON, ADRIAN PETER, CA
[72] SANCHEZ, ANA CRISTINA, CA
[72] BUGG, TREVOR, CA
[72] OMOTOSO, OLADIPO, CA
[73] SUNCOR ENERGY INC., CA
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[54] **FERTILIZED EGG OR SPERM INJECTOR**
[54] **INJECTEUR D'□UF FECONDE OU DE SPERME**
[72] YAMANE, SEIICHI, JP
[72] TUGANE, MASAKO, JP
[72] TAKEBUCHI, YUTAKA, JP
[72] OHMORI, KOJI, JP
[73] AIR WATER MACH INC., JP
[73] NATIONAL FEDERATION OF AGRICULTURAL COOPERATIVE ASSOCIATIONS, JP
[73] YAMANETECH, INC., JP
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[54] **JOINT SOUDE DE FROTTEMENT POUR UN ARTICLE COMPRENANT UN MATERIAU THERMOPLASTIQUE**
[72] BHOSALE, ANKUR, US
[72] KONDAPALLI, PRASANNA, US
[72] MCMASTER, WILLIAM J., US
[73] BASF SE, DE
[85] 2014-11-20
[86] 2013-05-23 (PCT/US2013/042430)
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[30] US (61/650,563) 2012-05-23

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[25] EN
[54] **METHODS OF REGULATING CANNABINOID RECEPTOR ACTIVITY-RELATED DISORDERS AND DISEASES**
[54] **PROCEDES DE REGULATION DE TROUBLES ET MALADIES ASSOCIES A UNE ACTIVITE DE RECEPTEUR CANNABINOIDE**
[72] WAINER, IRVING W., US
[72] BERNIER, MICHEL, US
[72] PAUL, RAJIB K., US
[73] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[86] 2013-05-23 (PCT/US2013/042457)
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[30] US (61/651,961) 2012-05-25
[30] US (61/789,629) 2013-03-15

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[54] **CONTEXTUAL USER INTERFACE**
[54] **INTERFACE UTILISATEUR CONTEXTUELLE**
[72] CUPALA, SHIRAZ, US
[72] ESPOSITO, MARIO, US
[72] KANGA, CYRUS, US
[72] MULCAHY, KATHLEEN PATRICIA, US
[72] MEDAK, MATTHEW ALAN, US
[72] BLACK, NEIL WARREN, US
[72] TUDOR, ALEXANDER D., US
[72] VOREIS, ERIC CHRISTOPHER, US
[72] SCHIEFELBEIN, WILLIAM F., US
[72] XU, ZHANGWEI, US
[72] LOBB, KENNETH ALAN, US
[72] PESSNER, RONALD OSWIN, JR., US
[72] TUCK, JASON ROBERT, US
[72] BRODIE, HEATHER GRANTHAM, US
[72] STACHNIAK, SZYMON PIOTR, US
[72] ELLIOTT, JOHN DARREN, US
[72] WOON, CLINTON CHI-WEN, US
[72] SONGCO, RUSSELL P., US
[72] NAGER, HOWARD B., US
[72] ZANA, JOSHUA C., US
[72] HADDAH, MARC VICTOR, US
[72] SOULE, ALEXANDER JAMES, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2014-11-24
[86] 2013-05-24 (PCT/US2013/042547)
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[30] US (61/654,638) 2012-06-01
[30] US (13/725,925) 2012-12-21

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[25] EN
[54] **CATHETER SYSTEMS AND METHODS USEFUL FOR CELL THERAPY**
[54] **CATHETERS ET METHODES UTILISES EN THERAPIE CELLULAIRE**
[72] FISCHER, FRANK J., US
[72] RANDOLPH, JAMES R., US
[72] FEARNOT, NEAL E., US
[72] TAYLOR, JIMMY L., US
[72] SHIRLEY, GARY BRADFORD, US
[73] MUFFIN INCORPORATED, US
[85] 2014-12-02
[86] 2013-06-05 (PCT/US2013/044287)
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[30] US (61/655,976) 2012-06-05

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[51] **Int.Cl. B01B 1/00 (2006.01) A61L 2/00 (2006.01) A61L 2/20 (2006.01) A61L 2/22 (2006.01) A61L 2/24 (2006.01) A61L 9/03 (2006.01)**
[25] FR
[54] **DEVICE FOR EVAPORATING A LIQUID AND ASSOCIATED METHOD**
[54] **DISPOSITIF D'EVAPORATION D'UN LIQUIDE ET PROCEDE ASSOCIE**
[72] SARDO, ALBERTO, FR
[73] XEDA INTERNATIONAL S.A., FR
[85] 2014-12-11
[86] 2013-06-20 (PCT/EP2013/062924)
[87] (WO2014/001201)
[30] FR (1255999) 2012-06-25

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[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/167 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **INJECTABLE SUPERSATURATED ACETAMINOPHEN SOLUTION FOR SPINAL ADMINISTRATION**
[54] **SOLUTION D'ACETAMINOPHENE INJECTABLE SURSATUREE POUR L'ADMINISTRATION SPINALE**
[72] MITIDIERI, AUGUSTO, CH
[72] DONATI, ELISABETTA, IT
[72] CARONZOLO, NICOLA, CH
[73] SINTETICA S.A., CH
[85] 2014-12-15
[86] 2013-06-27 (PCT/IB2013/055277)
[87] (WO2014/002042)
[30] IT (MI2012A001154) 2012-06-29

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[13] C
[51] **Int.Cl. F16B 13/00 (2006.01) F16B 13/06 (2006.01) F16B 13/12 (2006.01)**
[25] FR
[54] **ANCHOR FOR ATTACHMENT IN A WALL**
[54] **CHEVILLE POUR FIXATION DANS UNE PAROI**
[72] VIVIER, GUILLAUME, FR
[72] OBAME OBAME, HUGUES, FR
[73] SAINT-GOBAIN PLACO, FR
[85] 2014-12-16
[86] 2013-06-26 (PCT/FR2013/051495)
[87] (WO2014/001720)
[30] FR (1256151) 2012-06-28

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[13] C
[51] **Int.Cl. G16B 40/00 (2019.01) G16B 50/10 (2019.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING BIOMARKER SIGNATURES WITH INTEGRATED BIAS CORRECTION AND CLASS PREDICTION**
[54] **SYSTEMES ET PROCEDES POUR GENERER DES SIGNATURES DE BIOMARQUEURS AVEC CORRECTION DE BIAIS ET PREDICTION DE CLASSE INTEGREES**
[72] MARTIN, FLORIAN, CH
[72] XIANG, YANG, CH
[73] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **INSTRUMENTS CHIRURGICAUX A ULTRASONS AVEC ENSEMBLES MACHOIRES POSITIONNEES DISTALEMENT**
[72] VAKHARIA, OMAR J., US
[72] MESSERLY, JEFFREY D., US
[72] STEFANCHIK, DAVID, US
[72] SMOLIK, STEVEN P., US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **BLOW FILL SEAL LUER SYRINGE**
[54] **SERINGUE LUER DE FORMAGE-REMPLISSAGE-SCELLAGE**
[72] FERRERI, SUZANNE, US
[72] ZERDA, ADAM, US
[72] KENNEDY, JAMES, US
[72] PANECKI, LEE, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **DIFFUSION EN CONTINU SANS VERROUILLAGE DE DONNEES DE CODES EXECUTABLES**
[72] REIERSON, KRISTOFER, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2015-01-07
[86] 2013-07-26 (PCT/US2013/052153)
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[54] **CONVEYOR BELT**
[54] **CONVOYEUR A BANDE**
[72] SI, MAYU, US
[72] YANG, HENG-HUEY, US
[72] SILVA, WATUDURA PRABODHA UPUL, AU
[72] STOCKDALE, MICHAEL K., AU
[72] BURROWES, THOMAS GEORGE, AU
[73] CONTITECH USA, INC., US
[86] (2878816)
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[54] **FABRICATION DE ROUES**
[72] EGSGAARD, EIGIL, DK
[73] GKN LAND SYSTEMS LIMITED, GB
[85] 2015-01-13
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[25] EN
[54] **PLASTIC CONTAINER WITH FLUTED INNER WALL**
[54] **CONTENANT EN PLASTIQUE POSSEDANT DES PAROIS INTERIEURES CANNELEES**
[72] SELINA, JOHN R., US
[72] LARSEN, CHRISTOPER MYLES, US
[73] LETICA CORPORATION, US
[86] (2879698)
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[25] EN
[54] **CROSSLINKING COMPOSITION FOR HYDROCARBON GELS**
[54] **COMPOSITION DE RETICULATION POUR DES GELS HYDROCARBONES**
[72] GATLIN, LARRY W., US
[72] WALDEN, GLEN E., US
[72] MCMILLAN, ERNEST, US
[73] LAMBERTI USA, INCORPORATED, US
[85] 2015-01-28
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[25] EN
[54] **CONJUGATED POLYMER, AND ELECTRON DONATING ORGANIC MATERIAL, MATERIAL FOR PHOTOVOLTAIC DEVICE AND PHOTOVOLTAIC DEVICE USING THE CONJUGATED POLYMER**
[54] **POLYMERE CONJUGUE, ET MATERIAU ORGANIQUE DONNEUR D'ELECTRONS, MATERIAU POUR ELEMENT PHOTOVOLTAIQUE, ET ELEMENT PHOTOVOLTAIQUE LE COMPRENANT**
[72] WATANABE, NOBUHIRO, JP
[72] KITAZAWA, DAISUKE, JP
[72] YAMAMOTO, SHUHEI, JP
[72] SHIMOMURA, SATORU, JP
[73] TORAY INDUSTRIES, INC., JP
[85] 2015-02-03
[86] 2013-09-06 (PCT/JP2013/074070)
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[30] JP (2012-202264) 2012-09-14
[30] JP (2013-019105) 2013-02-04
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[25] EN
[54] **METHOD FOR NON-FREEZE LOW-TEMPERATURE PRESERVATION OF MAMMALIAN EMBRYO OR FERTILIZED EGG**
[54] **PROCEDE DE CONSERVATION A BASSE TEMPERATURE SANS CONGELATION D'UN EMBRYON OU D'UN OEUF FERTILISE DE MAMMIFERE**
[72] IDETA, ATSUSHI, JP
[72] AOYAGI, YOSHITO, JP
[73] NATIONAL FEDERATION OF AGRICULTURAL COOPERATIVE ASSOCIATIONS, JP
[85] 2015-02-20
[86] 2012-08-21 (PCT/JP2012/071079)
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[51] **Int.Cl. A61F 9/007 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **VIBRATING SURGICAL DEVICE FOR REMOVAL OF VITREOUS AND OTHER TISSUE**
[54] **DISPOSITIF CHIRURGICAL VIBRANT POUR L'ABLATION DE CORPS VITRE ET D'AUTRES TISSUS**
[72] MCCARY, BRIAN D., US
[72] GOH, TOH SENG, US
[72] PERKINS, JAMES TAYLOR, US
[73] BAUSCH & LOMB INCORPORATED, US
[85] 2015-02-26
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[25] EN
[54] **METHOD AND APPARATUS FOR MAPPING AND CHARACTERIZING SEA ICE FROM AIRBORNE SIMULTANEOUS DUAL FREQUENCY INTERFEROMETRIC SYNTHETIC APERTURE RADAR (IFSAR) MEASUREMENTS**
[54] **PROCEDE ET APPAREIL DE CARTOGRAPHIE ET DE CARACTERISATION DE GLACE DE MER A PARTIR DE MESURES AERIENNES SIMULTANEES A DOUBLE FREQUENCE PAR RADARS INTERFEROMETRIQUES A OUVERTURE SYNTHETIQUE (IFSAR)**
[72] REIS, JAMES, US
[72] SONNIER, CARL, US
[72] JONES, JOE, US
[72] SANFORD, MARK, US
[72] SAADE, EDWARD, US
[73] FUGRO N.V., NL
[85] 2015-02-27
[86] 2013-08-22 (PCT/US2013/056154)
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[25] EN
[54] **PROGRESSIVE AUDIO BALANCE AND FADE IN A MULTI-ZONE LISTENING ENVIRONMENT**
[54] **EQUILIBRAGE ET OUVERTURE EN FONDU PROGRESSIFS DU SON DANS UN ENVIRONNEMENT D'ECOUTE A PLUSIEURS ZONES**
[72] BROCKMOLE, JEFFREY M., US
[73] HARMAN INTERNATIONAL INDUSTRIES, INC., US
[85] 2015-02-27
[86] 2013-09-13 (PCT/US2013/059708)
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[54] **A WIND TURBINE ON A ROTATING PEDESTAL**
[54] **EOLIENNE SUR PIEDESTAL ROTATIF**
[72] WEPFER, HANS, CH
[73] WEPFER TECHNICS AG, CH
[85] 2015-03-09
[86] 2013-09-10 (PCT/CH2013/000161)
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[54] **SYSTEM FOR REGULATING PRESSURE**
[54] **SYSTEME DE REGULATION DE PRESSIONEGULATION DE PRESSION**
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] COULTHARD, RICHARD DANIEL JOHN, GB
[73] KCI LICENSING INC., US
[85] 2015-03-09
[86] 2013-09-11 (PCT/US2013/059248)
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[30] US (61/701,394) 2012-09-14

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[51] **Int.Cl. H01M 2/34 (2006.01) H01M 10/48 (2006.01)**
[25] EN
[54] **MANAGEMENT OF GAS PRESSURE AND ELECTRODE STATE OF CHARGE IN ALKALINE BATTERIES**
[54] **GESTION DE PRESSION DE GAZ ET D'ETAT D'ELECTRODE DE CHARGE DANS DES BATTERIES ALCALINES**
[72] TURNEY, DAMON, US
[72] ITO, YASUMASA, JP
[72] BANERJEE, SANJOY, US
[73] RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK, US
[85] 2014-08-21
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[54] **HINGE DEVICE FOR DOORS, SHUTTERS AND THE LIKE**
[54] **DISPOSITIF CHARNIERE POUR PORTES, VOLETS ET SIMILAIRES**
[72] BACCHETTI, LUCIANO, IT
[73] IN & TEC S.R.L., IT
[85] 2015-03-16
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[87] (WO2014/054028)
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[51] **Int.Cl. D06B 3/04 (2006.01) D06M 13/248 (2006.01) D06M 15/643 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR APPLYING COLORS AND PERFORMANCE CHEMICALS ON CARPET YARNS**
[54] **APPAREIL ET PROCEDE D'APPLICATION DE COULEURS ET DE PRODUITS CHIMIQUES PERFORMANTS SUR DES FILS A TAPIS**
[72] TUNG, WAE-HAI, US
[72] RITTENHOUSE, RONNIE, US
[73] INVISTA TEXTILES (U.K.) LIMITED, GB
[85] 2015-03-17
[86] 2013-09-18 (PCT/US2013/060363)
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[54] **CORONA IGNITION DEVICE WITH GAS-TIGHT HF PLUG CONNECTOR**
[54] **SYSTEME D'ALLUMAGE A EFFET CORONA EQUIPE D'UN CONNECTEUR HF ETANCHE AUX GAZ**
[72] STIFEL, TIMO, DE
[72] ZEBHAUSER, MARTIN, DE
[72] LANKES, WOLFGANG, DE
[73] BORGWARNER LUDWIGSBURG GMBH, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **COMPOSITION NUTRITIVE INORGANIQUE DE FER**
[72] CAPPELLE, PHILIPPE JACQUES MYRIAM, BE
[72] VERHELST, KURT THIERRY S., BE
[73] PRAYON, BE
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[30] BE (2012/0666) 2012-10-10

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[51] **Int.Cl. G06N 5/02 (2006.01)**
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[54] **METHODS AND DEVICES FOR CUSTOMIZING KNOWLEDGE REPRESENTATION SYSTEMS**
[54] **PROCEDES ET DISPOSITIFS DE PERSONNALISATION DE SYSTEMES DE REPRESENTATION DES CONNAISSANCES**
[72] ILYAS, IHAB FRANCIS, CA
[72] SWEENEY, PETER JOSEPH, CA
[73] PRIMAL FUSION INC., CA
[85] 2014-10-09
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[87] (WO2014/036631)
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[25] EN
[54] **LAYERED AND SPINEL LITHIUM TITANATES AND PROCESSES FOR PREPARING THE SAME**
[54] **TITANATES DE LITHIUM EN STRUCTURE DE SPINELLE ET SUPERPOSES ET LEURS PROCEDES DE PREPARATION**
[72] DEMOPOULOS, GEORGE, CA
[72] CHIU, HSIEN-CHIEH, CA
[72] ZAGHIB, KARIM, CA
[72] GUERFI, ABDELBAST, CA
[73] HYDRO-QUEBEC, CA
[73] MCGILL UNIVERSITY, CA
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[54] **DENTAL DEVICE**
[54] **DISPOSITIF DENTAIRE**
[72] COOPERSMITH, ALLAN, CA
[73] COOPERSMITH, ALLAN, CA
[85] 2015-03-26
[86] 2013-10-02 (PCT/IB2013/059075)
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[51] **Int.Cl. C12N 5/0793 (2010.01) G01N 33/50 (2006.01)**
[25] EN
[54] **CELLULAR TEST SYSTEMS FOR THE DETERMINATION OF THE BIOLOGICAL ACTIVITIES OF NEUROTOXIN POLYPEPTIDES**
[54] **SYSTEMES DE TEST CELLULAIRE DETERMINANT LES ACTIVITES BIOLOGIQUES DE POLYPEPTIDES D'UNE NEUROTOXINE**
[72] EISELE, KARL-HEINZ, DE
[72] HARTING, KAI, DE
[73] MERZ PHARMA GMBH & CO. KGAA, DE
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[51] **Int.Cl. B01J 19/18 (2006.01) B29C 48/76 (2019.01) C08G 63/78 (2006.01) C08G 63/80 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INCREASING THE INTRINSIC VISCOSITY OF A POLYCONDENSATE MELT**
[54] **PROCEDE ET DISPOSITIF POUR ACCROITRE LA VISCOSITE LIMITE D'UN POLYCONDENSAT FONDU**
[72] PICHLER, THOMAS, AT
[72] HEHENBERGER, DAVID, AT
[72] BEHOUN, HELMUT, AT
[72] PICHLER, BERNHARD, AT
[73] NEXT GENERATION RECYCLINGMASCHINEN GMBH, AT
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[51] **Int.Cl. G21K 1/093 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR GENERATING A FOCUSED STRONG-CURRENT CHARGED-PARTICLE BEAM**
[54] **PROCEDE ET DISPOSITIF DE GENERATION D'UN FAISCEAU DE PARTICULES CHARGEES FOCALISE DE FORT COURANT**
[72] FUCHS, JULIEN, FR
[72] ALBERTAZZI, BRUNO, FR
[72] PEPIN, HENRI, FR
[72] D'HUMIERES, EMMANUEL, FR
[73] ECOLE POLYTECHNIQUE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[73] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE (INRS), CA
[85] 2015-04-17
[86] 2013-10-22 (PCT/FR2013/052517)
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[30] FR (12 60040) 2012-10-22

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[51] **Int.Cl. H04L 29/08 (2006.01)**
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[54] **CONTENT-ACQUISITION SOURCE SELECTION AND MANAGEMENT**
[54] **SELECTION ET GESTION DE SOURCE D'ACQUISITION DE CONTENU**
[72] BURBA, ALEXANDER, US
[72] HUNT, BRANDON, US
[72] GALLOP, MICHAEL, US
[72] ROSEMUND, SCOTT, US
[72] MORRISON, FRANK R., III, US
[72] MCNULTY, MARK J., US
[72] GANJEH, NIMA, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2015-04-24
[86] 2013-12-12 (PCT/US2013/074806)
[87] (WO2014/093705)
[30] US (13/715,834) 2012-12-14

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[51] **Int.Cl. H01R 13/08 (2006.01) H01R 13/46 (2006.01)**
[25] EN
[54] **ACTIVE COVER PLATES**
[54] **PLAQUES DE COUVERTURE ACTIVES**
[72] SMITH, JEREMY, US
[72] WATKINS, SEAN, US
[72] DIETZ, PHIL, US
[72] FINLINSON, JAN, US
[73] SNAPRAYS LLC, US
[85] 2015-04-29
[86] 2013-10-30 (PCT/US2013/067456)
[87] (WO2014/070863)
[30] US (61/720,131) 2012-10-30
[30] US (61/778,386) 2013-03-12
[30] US (61/836,972) 2013-06-19
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[13] C
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[25] EN
[54] **BEVERAGE CAN HANDLE**
[54] **MANCHE DE CANETTE**
[72] FIETZ, GUY, CA
[73] THE FIETZ FAMILY TRUST, CA
[85] 2015-05-07
[86] 2013-11-26 (PCT/CA2013/050905)
[87] (WO2014/082174)
[30] US (61/730,315) 2012-11-27

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[13] C
[51] **Int.Cl. G16B 20/00 (2019.01) C12Q 1/6809 (2018.01) C12Q 1/6827 (2018.01) C12Q 1/6886 (2018.01) C12M 1/34 (2006.01)**
[25] EN
[54] **METHOD FOR INDICATING A PRESENCE OR NON-PRESENCE OF AGGRESSIVE PROSTATE CANCER**
[54] **METHODE POUR INDIQUER LA PRESENCE OU NON D'UN CANCER DE LA PROSTATE AGRESSIF**
[72] GRONBERG, HENRIK, SE
[72] EKLUND, MARTIN, SE
[73] PHADIA AB, SE
[85] 2015-05-13
[86] 2013-11-20 (PCT/EP2013/074259)
[87] (WO2014/079865)
[30] SE (1251312-3) 2012-11-20
[30] SE (1350600-1) 2013-05-16

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[13] C
[51] **Int.Cl. G06F 16/00 (2019.01) G06F 16/21 (2019.01) G06F 7/00 (2006.01)**
[25] EN
[54] **DATA RECORDS SELECTION**
[54] **SELECTION D'ENREGISTREMENTS DE DONNEES**
[72] ISMAN, MARSHALL A., US
[72] EPSTEIN, RICHARD ALAN, US
[72] HAUG, RALF, US
[72] ROBERTS, ANDREW F., US
[72] RALSTON, JOHN, US
[72] RICHARDSON, JOHN L., US
[72] PNIOWER, JUSTIN, US
[73] AB INITIO TECHNOLOGY LLC, US
[85] 2015-05-21
[86] 2014-01-31 (PCT/US2014/014186)
[87] (WO2014/121092)
[30] US (61/759,799) 2013-02-01
[30] US (13/827,558) 2013-03-14

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[13] C
[51] **Int.Cl. G09F 19/22 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A DISPLAY PANEL TO ENABLE CONTENT TO BE DISPLAYED ON A STEP OF AN ESCALATOR**
[54] **PROCEDE DE FABRICATION D'UN PANNEAU D'AFFICHAGE POUR PERMETTRE L'AFFICHAGE D'UN CONTENU SUR UNE MARCHE D'ESCALIER MECANIQUE**
[72] DAWS, NIGEL JOHN, ZA
[73] MOTION ICON (PROPRIETARY) LIMITED, ZA
[85] 2015-06-01
[86] 2013-09-30 (PCT/IB2013/058995)
[87] (WO2014/087265)
[30] ZA (2012/09208) 2012-12-06

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[25] EN
[54] **GEL COMPOSITIONS**
[54] **COMPOSITIONS DE GEL**
[72] GONZALEZ OJER, CARLOS, ES
[72] DA COSTA MARTINS, RAQUEL MARIA, ES
[72] SUNE NEGRE, JOSEP M., ES
[72] MINARRO CARMONA, MONTSERRAT, ES
[72] TICO GRAU, JOSEP RAMON, ES
[72] GARCIA MONTOYA, ENCARNA, ES
[72] PEREZ LOZANO, PILAR, ES
[72] ROIG CARRERAS, MANEL, ES
[72] SANCHEZ PORQUERES, NATALIA, ES
[73] LABORATORIOS OJER PHARMA, S.L., ES
[85] 2015-06-03
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[25] EN
[54] **BAINITIC STEEL FOR ROCK DRILLING COMPONENT**
[54] **ACIER BAINITIQUE POUR COMPOSANT DE FORAGE DE ROCHES**
[72] LINDEN, JOHAN, SE
[72] ANTONSSON, TOMAS, SE
[73] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2015-06-03
[86] 2013-12-16 (PCT/EP2013/076740)
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[25] EN
[54] **DISPLAYING A STREAM OF CONTENT**
[54] **AFFICHAGE D'UN FLUX DE CONTENU**
[72] PETTERSON, FRANK, US
[72] LAIRD, BRIAN, US
[72] EJIASI, CHIKEZIE, US
[72] AGARAWALA, ANAND, US
[72] IKEMOTO, LESLIE, US
[72] BURKA, DANIEL, US
[72] CHANNELL, KARL, US
[73] GOOGLE LLC, US
[85] 2015-06-05
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[25] EN
[54] **TRIPLE PAPERMAKING FABRIC**
[54] **TEXTILE DE FABRICATION DE PAPIER TRIPLE**
[72] ROSSETTI, CLARA, IT
[73] FELTRI MARONE S.P.A., IT
[85] 2015-06-09
[86] 2013-12-10 (PCT/IB2013/060781)
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[25] EN
[54] **VARIABLE ANGLE CORNER FLUSHER**
[54] **LISSEUSE D'ANGLE A ANGLE VARIABLE**
[72] DOMBROWSKI, WOLFGANG, CA
[72] DNESTRIANSCHII, LUCIEN, CA
[72] WARKENTIN, MICAH, CA
[73] CANAM TOOL CORP., CA
[86] (2894975)
[87] (2894975)
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[51] **Int.Cl. G01F 1/32 (2006.01) G01F 1/68 (2006.01)**
[25] EN
[54] **A FLOW SENSOR ASSEMBLY HAVING A HYBRID SENSOR RESPONSE PROCESABLE TO PROVIDE A VOLUMETRIC FLOW MEASUREMENT OVER A WIDE DYNAMIC RANGE**
[54] **ENSEMBLE CAPTEUR D'ECOULEMENT A REPONSE DE CAPTEUR HYBRIDE POUVANT ETRE TRAITEE POUR OBTENIR UNE MESURE DE DEBIT VOLUMETRIQUE SUR UNE LARGE PLAGE DYNAMIQUE**
[72] BERKCAN, ERTUGRUL, US
[72] LI, BO, US
[72] CHEN, NANNAN, US
[73] NATURAL GAS SOLUTIONS NORTH AMERICA, LLC, US
[85] 2015-06-16
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[54] **SERVICE DE SECURITE DE DONNEES**
[72] ROTH, GREGORY BRANCHEK, US
[72] WREN, MATTHEW JAMES, US
[72] BRANDWINE, ERIC JASON, US
[72] PRATT, BRIAN IRL, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-07-22
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[54] **HIGH EFFICENCY BOILER**
[54] **CHAUDIERE A HAUT RENDEMENT**
[72] JACQUES, CHRISTOPHER, US
[72] ROOT, WILLIAM R., US
[73] LAARS HEATING SYSTEMS COMPANY, US
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[25] EN
[54] **PROSTHETIC VALVE, DELIVERY APPARATUS AND DELIVERY METHOD**
[54] **PROTHESE VALVULAIRE, DISPOSITIF DE DELIVRANCE ET PROCEDE DE DELIVRANCE**
[72] LOMBARDI, FABIEN, CH
[72] BIADILLAH, YOUSSEF, CH
[72] HEFTI, JEAN-LUC, CH
[72] MANTANUS, LUC, CH
[72] DELALOYE, STEPHANE, CH
[73] BOSTON SCIENTIFIC LIMITED, US
[85] 2015-07-28
[86] 2014-02-06 (PCT/EP2014/052311)
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[54] **A VALVE**
[54] **SOUPAPE**
[72] BRUSHWOOD, DANIEL, US
[73] AMSTED RAIL COMPANY, INC., US
[85] 2015-08-05
[86] 2014-02-06 (PCT/US2014/014993)
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[30] US (13/760,653) 2013-02-06

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[51] **Int.Cl. D07B 1/00 (2006.01) B29C 70/52 (2006.01) B66B 7/06 (2006.01) D07B 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A FLEXIBLE COMPOSITE BELT OR CABLE**
[54] **PROCEDE DE FABRICATION D'UNE COURROIE OU D'UN CABLE COMPOSITE SOUPLE**
[72] HONKANEN, JUHA, FI
[72] SJODAHL, KIM, FI
[72] KORPIMIES, VESA, FI
[73] EXEL COMPOSITES OYJ, FI
[85] 2015-08-07
[86] 2014-03-10 (PCT/FI2014/050176)
[87] (WO2014/140424)
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[51] **Int.Cl. B21D 51/34 (2006.01)**
[25] EN
[54] **SEATED END PROCESS**
[54] **TRAITEMENT D'EXTREMITE ASSISE**
[72] BONSALL, MICHAEL GEORGE, GB
[72] HOLLINGWORTH, DAVID MALCOLM, GB
[73] CROWN PACKAGING TECHNOLOGY, INC., US
[85] 2015-08-07
[86] 2013-12-06 (PCT/EP2013/075773)
[87] (WO2014/121864)
[30] GB (1302372.6) 2013-02-11

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[51] **Int.Cl. G01M 13/026 (2019.01)**
[25] EN
[54] **DEVICE FOR MECHANICALLY TESTING A PINION BETWEEN AN INTERNAL TOOTHSET AND AN EXTERNAL TOOTHSET AND/OR BETWEEN TWO EXTERNAL TOOTHSETS AT AN ADJUSTABLE ANGLE**
[54] **DISPOSITIF DE TEST MECANIQUE D'UN PIGNON ENTRE UNE DENTURE INTERIEURE ET UNE DENTURE EXTERIEURE ET/OU ENTRE DEUX DENTURES EXTERIEURES SELON UN ANGLE REGLABLE**
[72] POIRSON, NICOLAS RAYMOND JACQUES, FR
[73] HISPANO SUIZA, FR
[85] 2015-08-10
[86] 2014-02-10 (PCT/FR2014/050246)
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[13] C
[51] **Int.Cl. E21B 34/10 (2006.01) E21B 10/02 (2006.01) E21B 25/02 (2006.01)**
[25] EN
[54] **A RELEASE VALVE USED IN AN INNER TUBE ASSEMBLY FOR USE WITH A CORE BARREL**
[54] **SOUPAPE DE LIBERATION UTILISEE DANS UN ENSEMBLE TUBE INTERNE DESTINEE A ETRE UTILISEE AVEC UN CAROTTIER**
[72] BACK, GORAN, SE
[73] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2015-08-26
[86] 2014-02-11 (PCT/EP2014/052630)
[87] (WO2014/131613)
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[25] EN
[54] **ADVANCED WARNING AND RISK EVASION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE PREAVERTISSEMENT DE RISQUE ET D'EVASION**
[72] HATHAWAY, EDWIN, US
[72] GREEN, MARK, US
[72] BAUMANN, KENT, US
[72] GREEN, CHAD, US
[72] COLE, LEE, US
[72] SCHWEDTMANN, CHRIS, US
[72] CREECH, NATHAN, US
[73] OLDCASTLE MATERIALS, INC., US
[86] (2904456)
[87] (2904456)
[22] 2015-09-16
[30] US (14/500,778) 2014-09-29

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[13] C
[51] **Int.Cl. A46B 5/02 (2006.01) A46D 3/00 (2006.01)**
[25] EN
[54] **COMPOSITE TOOTHBRUSH HANDLE**
[54] **MANCHE DE BROSSE A DENTS COMPOSITE**
[72] XI, WENJIN, CN
[72] YAN, TING, CN
[72] JI, YANMEI, CN
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2015-09-09
[86] 2013-03-28 (PCT/CN2013/073298)
[87] (WO2014/153747)

[11] **2,904,854**
[13] C
[51] **Int.Cl. A61J 1/14 (2006.01) A61J 1/20 (2006.01)**
[25] EN
[54] **VIAL ADAPTER FOR SIDE ENGAGEMENT OF VIAL CAP**
[54] **ADAPTATEUR DE FLACON POUR MISE EN PRISE LATERALE DE CAPUCHON DE FLACON**
[72] MANSOUR, GEORGE MICHEL, US
[72] PANIAN, TYLER DEVIN, US
[73] CAREFUSION 303, INC., US
[85] 2015-09-09
[86] 2014-02-28 (PCT/US2014/019632)
[87] (WO2014/158725)
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[25] EN
[54] **AN EX VIVO HUMAN MULTIPLE MYELOMA CANCER NICHE AND ITS USE AS A MODEL FOR PERSONALIZED TREATMENT OF MULTIPLE MYELOMA**
[54] **UNE NICHE DE CANCER A MYELOME MULTIPLE HUMAIN EX VIVO ET SON UTILISATIONCOMME MODELE POUR LE TRAITEMENT PERSONNALISE DE MYELOME MULTIPLE**
[72] LEE, WOO, US
[72] ZHANG, WENTING, US
[72] TOLIAS, PETER, US
[72] WANG, HONGJUN, US
[72] ZILBERBERG, JENNY, US
[72] SIEGEL, DAVID SAMUEL, US
[73] HACKENSACK UNIVERSITY MEDICAL CENTER, US
[73] THE TRUSTEES OF THE STEVENS INSTITUTE OF TECHNOLOGY, US
[85] 2015-09-10
[86] 2014-03-12 (PCT/US2014/024847)
[87] (WO2014/159707)
[30] US (13/827,170) 2013-03-14

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[51] **Int.Cl. B29D 7/01 (2006.01)**
[25] EN
[54] **STOCK ROLLS CONTAINING A FIRST FOLDED FILM WITHIN A SECOND FOLDED FILM AND METHODS OF MAKING THE SAME**
[54] **ROULEAUX DE MATIERE CONTENANT UN PREMIER FILM PLIE A L'INTERIEUR D'UN SECOND FILM PLIE ET PROCEDES DE FABRICATION CORRESPONDANTS**
[72] BINGER, SCOTT W., US
[72] WOGELIUS, DONALD E., US
[72] MAXWELL, JASON R., US
[73] THE GLAD PRODUCTS COMPANY, US
[85] 2015-09-10
[86] 2014-03-12 (PCT/US2014/024431)
[87] (WO2014/165112)
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[51] **Int.Cl. E04B 2/76 (2006.01) F16B 7/04 (2006.01)**
[25] EN
[54] **INVERTED BRIDGING CONNECTOR**
[54] **RACCORD DE PONTAGE INVERSE**
[72] DAUDET, LARRY RANDALL, US
[72] LIN, JIN-JIE, US
[73] SIMPSON STRONG-TIE COMPANY, INC., US
[85] 2015-09-11
[86] 2013-12-17 (PCT/US2013/075843)
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[51] **Int.Cl. A61M 39/04 (2006.01) A61M 25/00 (2006.01) A61M 39/06 (2006.01) A61M 39/26 (2006.01)**
[25] EN
[54] **MULTIPLE-USE INTRAVENOUS CATHETER ASSEMBLY SEPTUM AND SEPTUM ACTUATOR**
[54] **ENSEMBLE CATHETER INTRAVEINEUX A USAGES MULTIPLES ET ACTIONNEUR DE CLOISON**
[72] VINCENT, DARIN CHARLES, US
[72] ISAACSON, S. RAY, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2015-09-14
[86] 2014-03-11 (PCT/US2014/023509)
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[30] US (13/846,436) 2013-03-18

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[51] **Int.Cl. G06T 1/00 (2006.01) G06T 17/05 (2011.01) H04N 5/262 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR EARLY ACCESS TO CAPTURED IMAGES**
[54] **SYSTEME ET PROCEDE PERMETTANT UN ACCES PRECOCE A DES IMAGES CAPTUREES**
[72] GIUFFRIDA, FRANK D., US
[72] SKOLNY, CHAD, US
[72] ADAMS, STEVE, US
[72] GRAY, ROBERT, US
[72] SCHANUAFER, CHRIS, US
[73] PICTOMETRY INTERNATIONAL CORP., US
[85] 2015-09-14
[86] 2014-03-12 (PCT/US2014/024685)
[87] (WO2014/197054)
[30] US (13/833,352) 2013-03-15

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[51] **Int.Cl. A61K 9/51 (2006.01) A61K 31/7105 (2006.01) A61K 47/30 (2006.01) A61K 48/00 (2006.01)**
[25] EN
[54] **A NOVEL RNAI MOLECULE DELIVERY PLATFORM BASED ON SINGLE-SIRNA AND SHRNA NANOCAPSULES**
[54] **PLATEFORME D'ADMINISTRATION DE NOUVELLES MOLECULES D'ARNI BASEES SUR DES NANOCAPSULES DE SIARN UNIQUE ET/OU SHARN**
[72] YAN, MING, US
[72] LIANG, MIN, US
[72] CHEN, IRVIN S.Y., US
[72] KAMATA, MASAKAZU, US
[72] WEN, JING, US
[72] LU, YUNFENG, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2015-09-15
[86] 2013-03-15 (PCT/US2013/032615)
[87] (WO2013/138783)
[30] US (61/612,178) 2012-03-16

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[51] **Int.Cl. B27N 1/02 (2006.01) C08L 75/04 (2006.01) C08L 97/02 (2006.01) C08J 5/12 (2006.01)**
[25] EN
[54] **A METHOD FOR ADJUSTING THE TACK VALUE OF A BINDER MATERIAL**
[54] **PROCEDE D'AJUSTEMENT DE LA FORCE D'ADHERENCE D'UN LIANT**
[72] MORIARTY, CHRISTOPHER J., US
[73] HUNTSMAN INTERNATIONAL LLC, US
[85] 2015-09-22
[86] 2014-02-27 (PCT/US2014/018864)
[87] (WO2014/163914)
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[25] EN
[54] **VETERINARY DECORIN COMPOSITIONS AND USE THEREOF**
[54] **COMPOSITIONS DE DECORINE VETERINAIRE ET UTILISATION DE CELLES-CI**
[72] BLECK, GREGORY T., US
[73] CATALENT PHARMA SOLUTIONS, LLC, US
[85] 2015-09-22
[86] 2014-04-22 (PCT/US2014/034877)
[87] (WO2014/176198)
[30] US (61/814,405) 2013-04-22

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[51] **Int.Cl. G02B 30/30 (2020.01) H04N 13/302 (2018.01) H04N 13/315 (2018.01)**
[25] EN
[54] **VIBRATING GRID BASED 3D SPACE VISUALIZATION DEVICE**
[54] **DISPOSITIF DE VISUALISATION SPATIALE TRIDIMENSIONNELLE A BASE DE GRILLE VIBRANTE**
[72] JEGER, JOZSEF, HU
[73] JEGER, JOZSEF, HU
[85] 2015-09-24
[86] 2013-12-30 (PCT/HU2013/000137)
[87] (WO2014/155143)
[30] HU (P1300171) 2013-03-25
[30] HU (P1300519) 2013-09-06

[11] **2,908,680**
[13] C
[51] **Int.Cl. B28D 1/04 (2006.01)**
[25] EN
[54] **APPARATUS FOR CUTTING SLAB MATERIAL**
[54] **APPAREIL DE DECOUPE D'UN MATERIAU EN DALLES**
[72] TONCELLI, DARIO, IT
[73] TONCELLI, DARIO, IT
[85] 2015-10-02
[86] 2014-04-04 (PCT/IB2014/060425)
[87] (WO2014/167470)
[30] IT (TV2013A000048) 2013-04-10

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[13] C
[51] **Int.Cl. A01B 63/22 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **HYDRAULIC WORK UNIT LEVELING AND CALIBRATION SYSTEM FOR AN AGRICULTURAL IMPLEMENT**
[54] **MECANISME DE NIVELLEMENT ET D'ETALONNAGE D'UN MODULE DE TRAVAIL HYDRAULIQUE DESTINE A UN ACCESSOIRE AGRICOLE**
[72] KOWALCHUK, TREVOR, CA
[72] RYDER, NICK, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2911387)
[87] (2911387)
[22] 2015-11-05
[30] US (14/559,227) 2014-12-03

[11] **2,911,700**
[13] C
[51] **Int.Cl. A61L 9/14 (2006.01) A61L 9/03 (2006.01)**
[25] EN
[54] **VOLATILE SUBSTANCES EVAPORATION DEVICE**
[54] **DISPOSITIF D'EVAPORATION DE SUBSTANCES VOLATILES**
[72] MASO SABATE, JORDI, ES
[72] GOBBER, CEDRIC, ES
[72] DEFLORIAN, STEFANO, ES
[73] ZOBELE ESPANA, S.A., ES
[85] 2015-11-06
[86] 2014-03-31 (PCT/ES2014/070244)
[87] (WO2014/181015)
[30] ES (P201330664) 2013-05-08

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[13] C
[51] **Int.Cl. H04W 24/00 (2009.01) H04W 36/00 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **SELF-CONFIGURING AND OPTIMIZATION OF CELL NEIGHBORS IN WIRELESS TELECOMMUNICATIONS NETWORKS**
[54] **AUTOCONFIGURATION ET OPTIMISATION DE VOISINS DE CELLULES DANS LES RESEAUX DE TELECOMMUNICATION SANS FIL**
[72] MOE, JOHAN, SE
[72] KALLIN, HARALD, SE
[73] UNWIRED PLANET, LLC, US
[86] (2911987)
[87] (2911987)
[22] 2007-07-06
[62] 2,593,524
[30] US (11/773,752) 2007-07-05
[30] EP (PCT/EP2007/001737) 2007-02-28

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[25] EN
[54] **DUNNAGE CONVERSION MACHINE JAM-DETECTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DETECTION DE BOURRAGE DANS UNE MACHINE DE TRANSFORMATION D'ELEMENTS DE CALAGE**
[72] PARK, KEVIN W., US
[72] FISCHER, ROGER G., US
[73] RANPAK CORP., US
[85] 2015-11-16
[86] 2014-05-16 (PCT/US2014/038406)
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[30] US (61/824,054) 2013-05-16

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[25] EN
[54] **SHOCK ABSORBER ASSEMBLY FOR POWER DRIVE UNIT OF A VEHICLE**
[54] **DISPOSITIF D'AMORTISSEUR DESTINE AU MODULE DE COMMANDE MECANIQUE D'UN VEHICULE**
[72] JONES, KELLY THOMAS, US
[73] THE BOEING COMPANY, US
[86] (2912965)
[87] (2912965)
[22] 2015-11-23
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[54] **JOINT HYDRAULIQUE POUR ACCOUPPLEMENT**
[72] CHIPROOT, AVI, IL
[73] KRAUSZ INDUSTRIES LTD., IL
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[54] **CONFERENCE EN RESEAU CENTREE SUR UN CLIENT**
[72] RISTOCK, HERBERT WILLI ARTUR, US
[72] ZHAKOV, VYACHESLAV, US
[72] PETROVYKH, YEVGENIY, US
[73] GREENEDEN U.S. HOLDINGS II, LLC, US
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[54] **ASSEMBLAGE A LIAISON AUTO-SERRANTE EN TEMPERATURE**
[72] REVEL, THOMAS, FR
[72] CARRERE, BENOIT, FR
[72] MECUSON, GAUTIER, FR
[73] HERAKLES, FR
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[25] FR
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[54] **SYSTEME DE LIAISON A DISTANCE POUR AERONEF**
[72] NICQ, GEOFFROY, FR
[73] SNECMA, FR
[85] 2015-12-17
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[25] EN
[54] **USE OF HIF PROLYL HYDROXYLASE INHIBITORS FOR TREATING NEUROLOGICAL DISORDERS**
[54] **UTILISATION D'INHIBITEUR D'HYDROXYLASE PROLYL HIF POUR LE TRAITEMENT DESTROUBLES NEUROLOGIQUES**
[72] KLAUS, STEPHEN J., US
[72] LIN, AL Y., US
[72] NEFF, THOMAS B., US
[72] WANG, QINGJIAN, US
[72] GUENZLER-PUKALL, VOLKMAR, US
[72] AREND, MICHAEL P., US
[72] FLIPPIN, LEE A., US
[73] FIBROGEN, INC., US
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[25] EN
[54] **FORMWORK PANEL FOR CONCRETE-WORK SHUTTERINGS**
[54] **PANNEAU DE COFFRAGE DESTINE A DES COFFRAGES POUR BETONNAGE**
[72] HOLLMANN, KAI, IT
[73] POLYTECH GMBH, IT
[85] 2016-01-06
[86] 2014-07-09 (PCT/EP2014/064721)
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[25] EN
[54] **MULTI VIEW IMAGE PROCESSING APPARATUS AND IMAGE PROCESSING METHOD THEREOF**
[54] **APPAREIL DE TRAITEMENT D'IMAGE A PLUSIEURS VUES ET PROCEDE DE TRAITEMENT D'IMAGE ASSOCIE**
[72] HAN, SEUNG-RYONG, KR
[72] LEE, HO-YOUNG, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-01-25
[86] 2014-07-24 (PCT/KR2014/006729)
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[54] **SELECTABLE ONE-WAY CLUTCH HAVING STRUT WITH SEPARATE ARMATURE**
[54] **EMBRAYAGE A ROUE LIBRE SELECTIONNABLE MUNI D'UNE ENTRETOISE A INDUIT SEPARE**
[72] GREENE, DARRELL F., CA
[72] CIOC, ADRIAN C., CA
[73] MAGNA POWERTRAIN INC., CA
[85] 2016-01-27
[86] 2014-07-29 (PCT/CA2014/000586)
[87] (WO2015/013802)
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[54] **CONTENT DELIVERY METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE DISTRIBUTION DE CONTENU**
[72] NEWTON, CHRISTOPHER, US
[73] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2016-02-08
[86] 2014-08-08 (PCT/US2014/050324)
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[51] **Int.Cl. G06F 16/903 (2019.01) G06F 16/9038 (2019.01) G16B 45/00 (2019.01) G16B 50/00 (2019.01)**
[25] EN
[54] **A DATA PROCESSING SYSTEM FOR ADAPTIVE VISUALISATION OF FACETED SEARCH RESULTS**
[54] **SYSTEME DE TRAITEMENT DE DONNEES POUR LA VISUALISATION ADAPTATIVE DE RESULTATS DE RECHERCHE A FACETTES**
[72] CONSTANDT, HANS, BE
[73] ONTOFORCE NV, BE
[85] 2016-02-17
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[51] **Int.Cl. B65D 5/52 (2006.01) B65D 5/54 (2006.01)**
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[54] **CONVERTIBLE PACKAGE ASSEMBLY, BLANK AND METHOD THEREFOR**
[54] **ENSEMBLE D'EMBALLAGE CONVERTIBLE, DECOUPE ET PROCEDE ASSOCIE**
[72] GESSLER, RICHARD J., JR., US
[72] WEISS, KEVIN B., US
[73] DELKOR SYSTEMS, INC., US
[85] 2016-02-18
[86] 2014-04-17 (PCT/US2014/034492)
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[51] **Int.Cl. G01R 31/34 (2020.01)**
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[54] **MCC UNIT TROUBLESHOOTING COMPARTMENT**
[54] **COMPARTIMENT DE DEPANNAGE D'UNITES MCC**
[72] ORNELAS REYES, VIVIANA GUADALUPE, MX
[72] ROSEN, GARY M., US
[72] HASTINGS, JONATHAN, US
[72] RICHARDS, WALTER J. (DECEASED), US
[72] BECERRA BECERRA, MANUEL ANTONIO, MX
[73] SCHNEIDER ELECTRIC USA, INC., US
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[54] **NUCLEAR STRESS RESPONSE IN MOTOR NEURON DISEASE AND OTHER NEUROLOGICAL DISEASES**
[54] **REPONSE AU STRESS NUCLEAIRE DANS L'AFFECTION DU NEURONE MOTEUR ET D'AUTRES MALADIES NEUROLOGIQUES**
[72] BOWSER, ROBERT, US
[72] COLLINS, MAHLON, US
[73] DIGNITY HEALTH, US
[85] 2016-03-07
[86] 2014-11-07 (PCT/US2014/064664)
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[25] EN
[54] **THERMOSENSITIVE HYALURONIC ACID CONJUGATES AND METHODS FOR THE PREPARATION THEREOF**
[54] **CONJUGUES THERMOSENSIBLES DE L'ACIDE HYALURONIQUE ET LEURS PROCEDES DE PREPARATION**
[72] D'ESTE, MATTEO, CH
[72] EGLIN, DAVID OLIVIER, CH
[72] RICHARDS, ROBERT GEOFFREY, CH
[72] ALINI, MAURO, CH
[73] AO TECHNOLOGY AG, CH
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[54] **MOUSSANTS POUR LA FLOTTATION DE MINERAUX**
[72] COUNTER, JAMES ADRIAN, AU
[72] KILDEA, JOHN D., AU
[73] ECOLAB USA INC., US
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[54] **BONE RECONSTRUCTION AND ORTHOPEDIC IMPLANTS**
[54] **RECONSTRUCTION OSSEUSE ET IMPLANTS ORTHOPEDIQUES**
[72] MAHFOUZ, MOHAMED RASHWAN, US
[73] MAHFOUZ, MOHAMED RASHWAN, US
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[86] 2014-10-15 (PCT/US2014/060780)
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[54] **COLD WEATHER PACKAGE FOR OIL FIELD HYDRAULICS**
[54] **GARNITURE POUR TEMPS FROID DESTINEE AUX MACHINES HYDRAULIQUES DE CHAMP PETROLIER**
[72] OEHRING, JARED, US
[73] US WELL SERVICES LLC, US
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[87] (2928711)
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[25] EN
[54] **METHOD TO MONITOR ODOROUS EMISSIONS**
[54] **PROCEDE DE SURVEILLANCE D'EMISSIONS ODORANTES**
[72] REMONDINI, MARCO, IT
[73] SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA, IT
[85] 2016-05-03
[86] 2014-11-05 (PCT/IB2014/065826)
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[30] IT (BO2013A000608) 2013-11-05
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[51] **Int.Cl. A01C 7/20 (2006.01) A01B 73/00 (2006.01) A01C 5/06 (2006.01)**
[25] EN
[54] **TOOLBAR WING SUPPORT SYSTEM FOR AN AGRICULTURAL IMPLEMENT**
[54] **MECANISME DE SUPPORT D'AILE DE BARRE D'OUTIL DESTINE A UN ACCESSOIRE AGRICOLE**
[72] ANDERSON, BRIAN JOHN, US
[72] LONG, SCOTT ALLEN, US
[72] DIENST, JOHNATHON R., US
[72] CONNORS, MICHAEL J., US
[73] CNH INDUSTRIAL AMERICA LLC, US
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[87] (2930114)
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[25] EN
[54] **WELLBORE PIPE TRIP GUIDANCE AND STATISTICAL INFORMATION PROCESSING METHOD**
[54] **PROCEDE DE GUIDAGE D'AVANCE DE TUBE DE PUITS DE FORAGE ET DE TRAITEMENT D'INFORMATIONS STATISTIQUES**
[72] HILDEBRAND, GINGER, US
[72] COFFMAN, CHUNLING GU, US
[72] LUPPENS, JOHN CHRISTIAN, US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **AUGMENT SYSTEM FOR AN IMPLANT**
[54] **SYSTEME D'AUGMENTATION POUR IMPLANT**
[72] ROBY, KEITH A., US
[72] HOEMAN, TIMOTHY A., US
[72] CHERNOSKY, JOHN, US
[72] ZUBOK, RAY, US
[73] ZIMMER, INC., US
[85] 2016-05-13
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[54] **FORME PHARMACEUTIQUE ORALE SOLIDE DE DERIVE DE TESTOSTERONE**
[72] HOJGAARD, BENT, DK
[73] SOLURAL PHARMA APS, DK
[85] 2016-05-18
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[25] EN
[54] **METHOD AND SYSTEM FOR TREATING WASTEWATER**
[54] **METHODE ET SYSTEME DE TRAITEMENT DES EAUX USEES**
[72] ERTEL, DANIEL, US
[72] MCMANUS, KENT, US
[72] BOGDAN, JEREL, US
[73] EUREKA RESOURCES LLC, US
[86] (2931897)
[87] (2931897)
[22] 2016-06-02
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[54] **A TIMBER-WORKING DEVICE AND TIMING LINK FOR SAME**
[54] **DISPOSITIF DE TRAVAIL DE BOIS D'□UVRE ET SA LIAISON DE SYNCHRONISATION**
[72] BOYS, MICHAEL, NZ
[72] SMYTHE, JUSTYN PETER, NZ
[73] WARATAH NZ LIMITED, NZ
[85] 2016-05-27
[86] 2013-11-29 (PCT/NZ2013/000218)
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[54] **COMPOSITIONS FOR INDUCTION OF IMMUNE RESPONSE**
[54] **COMPOSITIONS DESTINEES A INDUIRE UNE REPONSE IMMUNITAIRE**
[72] DOMINOWSKI, PAUL JOSEPH, US
[72] MWANGI, DUNCAN, US
[72] BRICKER, JOSEPH M., US
[72] FOSS, DENNIS L., US
[72] RAI, SHARATH K., US
[72] MAHAN, SUMAN, US
[73] ZOETIS SERVICES LLC, US
[85] 2016-06-06
[86] 2014-11-21 (PCT/US2014/066767)
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[30] US (61/909,045) 2013-11-26

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[51] **Int.Cl. G01S 13/74 (2006.01)**
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[54] **INDOOR POSITIONING AND COMMUNICATIONS SYSTEM**
[54] **SYSTEME DE POSITIONNEMENT ET DE COMMUNICATION INTERIEURS**
[72] GIORDANO, JOHN, CA
[72] GORDON, MARK A., CA
[72] MOROZ, KEVIN, US
[72] RAWAL, PRATIK, CA
[72] LICA, VADIM, CA
[73] LIVESENTINEL, INC., US
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[87] (2932959)
[22] 2016-06-10
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[25] EN
[54] **ORAL CARE COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ET METHODES DE SOIN BUCCAL**
[72] PRENCIPE, MICHAEL, US
[72] CHEN, XIANG, US
[72] JOGUN, SUZANNE, US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2016-06-17
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[25] EN
[54] **DOWNHOLE APPARATUS**
[54] **APPAREIL DE FOND DE PUITS**
[72] BRUCE, STEPHEN EDMUND, GB
[72] GRANT, DAVID, GB
[72] WALLACE, SCOTT ELLIOTT, GB
[73] HALLIBURTON MANUFACTURING AND SERVICES LIMITED, GB
[85] 2016-06-29
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[30] GB (1323121.2) 2013-12-30

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[51] **Int.Cl. G01G 19/64 (2006.01) G01G 23/36 (2006.01)**
[25] EN
[54] **A SYSTEM FOR ASSISTING A USER IN ASSEMBLING A CULINARY COMBINATION ACCORDING TO A RECIPE**
[54] **SYSTEME VISANT A AIDER UN UTILISATEUR A MELANGER LES INGREDIENTS EN FONCTION D'UNE RECETTE**
[72] WALLACE, MICHAEL, US
[72] ODOM, PHILIP T., US
[72] RICHARDSON, BRIAN, US
[72] BARRI, DARIN, US
[73] PERFECT COMPANY, US
[86] (2937260)
[87] (2937260)
[22] 2014-03-12
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[51] **Int.Cl. B28B 23/04 (2006.01) F41H 5/04 (2006.01)**
[25] EN
[54] **PRE-STRESSED CURVED CERAMIC PLATES/TILES AND METHOD OF PRODUCING SAME**
[54] **PLAQUES/CARREAUX CERAMIQUES INCURVES PRECONTRAINTS ET PROCEDE DE PRODUCTION DE CES DERNIERS**
[72] CHEREVATSKY, ABEL, IL
[72] YAVIN, BENJAMIN, IL
[73] IMI SYSTEMS LTD., IL
[85] 2016-07-25
[86] 2015-01-29 (PCT/IL2015/050107)
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[30] IL (230775) 2014-02-02

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[25] EN
[54] **TERMINAL, POWER ADAPTER AND METHOD FOR HANDLING CHARGING ANOMALY**
[54] **TERMINAL, ADAPTATEUR D'ALIMENTATION ET METHODE DE TRAITEMENT D'ANOMALIE DE RECHARGE**
[72] ZHANG, JIALIANG, CN
[73] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2016-07-26
[86] 2015-01-09 (PCT/CN2015/070468)
[87] (WO2015/113465)
[30] CN (201410042541.0) 2014-01-28
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[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **AGRICULTURAL METERING SYSTEM HAVING A MAGNETORHEOLOGICAL FLUID CLUTCH ASSEMBLY**
[54] **SYSTEME DE DOSAGE AGRICOLE COMPORTANT UN MECANISME D'EMBRAYAGE A FLUIDE MAGNETORHEOLOGIQUE**
[72] HENRY, JAMES WAYNE, CA
[72] NOBLE, SCOTT DAVID, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2939007)
[87] (2939007)
[22] 2016-08-16
[30] US (14/841,427) 2015-08-31

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[13] C
[51] **Int.Cl. B09B 1/00 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DISTRIBUTED CONTROL OF MULTIPLE WELLHEADS**
[54] **SYSTEME ET PROCEDE DE REGULATION DISTRIBUEE DE MULTIPLES TETES DE PUITS**
[72] FISCHER, DAVID A., US
[72] MIODUSZEWSKI, DAVID, US
[73] Q.E.D. ENVIRONMENTAL SYSTEMS, INC., US
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[54] **CONTAINMENT HOOK FOR COMPOSITE FAN CASE**
[54] **CROCHET DE RETENUE DESTINE A UN CARTER DE VENTILATEUR EN COMPOSITE**
[72] HALL, CHRISTOPHER, US
[72] HODGSON, BENEDICT N., US
[73] ROLLS-ROYCE CORPORATION, US
[86] (2941330)
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[25] EN
[54] **OSMOLYTES FOR TREATING ALLERGIC OR VIRAL RESPIRATORY DISEASES**
[54] **OSMOLYTES UTILISES POUR TRAITER DES AFFECTIONS DES VOIES RESPIRATOIRES D'ORIGINE ALLERGIQUE OU VIRALE**
[72] KRUTMANN, JEAN, DE
[72] LENTZEN, GEORG, DE
[72] SCHWARZ, THOMAS, DE
[73] BITOP AG, DE
[86] (2942021)
[87] (2942021)
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[25] EN
[54] **LINEAR CROSS-HEAD BEARING FOR STIRLING ENGINE**
[54] **PALIER A CROISILLON LINEAIRE POUR MOTEUR STIRLING**
[72] LANGENFELD, CHRISTOPHER C., US
[72] BHAT, MITHUN, US
[72] BHAT, PRASHANT, US
[72] KAMEN, DEAN, US
[73] NEW POWER CONCEPTS LLC, US
[85] 2016-09-14
[86] 2015-03-13 (PCT/US2015/020527)
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[51] **Int.Cl. F16L 41/06 (2006.01) F16L 41/04 (2006.01)**
[25] EN
[54] **EXTERNAL SEAL FOR ISOLATING AN ELBOW FITTING**
[54] **JOINT EXTERNE DESTINE A ISOLER UN RACCORD COUDE**
[72] MAZUR, IVAN, CA
[73] MAZUR, IVAN, CA
[86] (2943106)
[87] (2943106)
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[51] **Int.Cl. A47C 27/06 (2006.01) A47C 23/043 (2006.01)**
[25] EN
[54] **MATTRESS ARRANGEMENT, SUCH AS A BED, HAVING ADJUSTABLE FIRMNESS**
[54] **AGENCEMENT DE MATELAS, TEL QU'UN LIT, AYANT UNE FERMETE REGLABLE**
[72] DAHLIN, JOHAN, SE
[72] HAGER, BENGT, SE
[73] STARSPRINGS AB, SE
[85] 2016-09-19
[86] 2015-03-26 (PCT/EP2015/056603)
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[25] EN
[54] **TREATMENT OF NAFLD AND NASH**
[54] **TRAITEMENT DE LA MSNAF ET DE LA SHNA**
[72] ROBERTS, BRIAN, US
[72] WANG, XUEYAN, US
[72] CHOI, YUN-JUNG, US
[72] KARPF, DAVID, US
[72] MARTIN, ROBERT, US
[72] MCWHERTER, CHARLES A., US
[73] CYMABAY THERAPEUTICS, INC., US
[85] 2016-09-27
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[51] **Int.Cl. F04D 29/26 (2006.01) F04D 25/08 (2006.01)**
[25] EN
[54] **COMPOSITE FAN**
[54] **VENTILATEUR COMPOSITE**
[72] CAHILL, KEVIN, US
[72] STRAUSS, ERIC, US
[72] BURCHETT, DOUG, US
[72] DIDANDEH, HOOSHANG, US
[72] SHOGREN, CHARLES MARK, US
[73] HORTON, INC., US
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[25] EN
[54] **PYRIDO-PYRROLO-PYRIMIDINE AND PYRIDO-INDOLE COMPOUNDS, PHARMACEUTICAL COMPOSITIONS CONTAINING SAME AND THEIR USE THEREOF IN THE EXPANSION OF HEMATOPOIETIC STEM CELLS AND/OR HEMATOPOIETIC PROGENITOR CELLS**
[54] **COMPOSES DE PYRIDO-PYRROLO-PYRIMIDINE ET DE PYRIDO-INDOLE, COMPOSITIONS PHARMACEUTIQUES CONTENANT CES COMPOSES ET LEUR UTILISATION DANS L'EXPANSION DE CELLULES SOUCHES HEMATOPOIETIQUES ET/OU DE CELLULES PROGENITRICES HEMATOPOIETIQUES**
[72] SAUVAGEAU, GUY, CA
[72] GAREAU, YVES, CA
[72] GINGRAS, STEPHANE, CA
[73] UNIVERSITE DE MONTREAL, CA
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[54] **MULTILAYER FILM INCLUDING ODOR BARRIER LAYER HAVING SOUND DAMPENING PROPERTIES**
[54] **FILM MULTICOUCHE COMPRENANT UNE COUCHE BARRIERE ANTI-ODEURS PRESENTANT DES PROPRIETES D'ISOLATION ACOUSTIQUE**
[72] CHANG, MOH-CHING OLIVER, US
[73] HOLLISTER INCORPORATED, US
[85] 2016-10-24
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[25] EN
[54] **ENHANCED NATURAL GAS LIQUID RECOVERY PROCESS**
[54] **PROCESSUS DE RECUPERATION AMELIORE DU GAZ NATUREL SOUS FORME LIQUIDE**
[72] PRIM, ERIC, US
[72] BAKER, NAOMI, US
[72] GARIKIPATI, JHANSI, US
[73] PILOT ENERGY SOLUTIONS, LLC, US
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[54] **CORE SAMPLE ORIENTATION**
[54] **ORIENTATION D'ECHANTILLON CAROTTE**
[72] PARFITT, RICHARD, GB
[73] AUSTRALIAN MUD COMPANY LTD., AU
[73] AUSTRALIAN MUD COMPANY PTY LTD, AU
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[87] (2949848)
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[54] **IN SITU SOLIDIFYING COMPOSITIONS AND METHODS OF MAKING AND USING THEROF**
[54] **COMPOSITIONS DE SOLIDIFICATION IN SITU ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] STEWART, RUSSELL J., US
[73] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 2017-01-12
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[51] **Int.Cl. H01B 7/28 (2006.01) H01B 9/00 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD FOR TREATMENT OF AN ELECTRIC SUBMERSIBLE PUMP POWER CABLE**
[54] **APPAREIL, SYSTEME ET METHODE DE TRAITEMENT D'UN CABLE D'ALIMENTATION DE POMPE SUBMERSIBLE ELECTRIQUE**
[72] GLASSCOCK, TERRY L., US
[72] KNEIP, PETER J., US
[72] GOTTSCHALK, THOMAS JOHN, US
[72] KASHWER, BRENT KEITH, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2955938)
[87] (2955938)
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[25] EN
[54] **ELONGATED FLEXIBLE INDUCTOR AND ELONGATED AND FLEXIBLE LOW-FREQUENCY ANTENNA**
[54] **INDUCTEUR FLEXIBLE ALLONGE ET ANTENNE BASSE FREQUENCE FLEXIBLE ET ALLONGEE**
[72] ROJAS CUEVAS, ANTONIO, ES
[72] NAVARRO PEREZ, FRANCISCO EZEQUIEL, ES
[72] CANETE CABEZA, CLAUDIO, ES
[73] PREMO, S.A., ES
[86] (2958000)
[87] (2958000)
[22] 2017-02-15
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[25] EN
[54] **BONE PLATE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PLAQUE OSSEUSE**
[72] SIXTO, ROBERT, US
[72] KORTENBACH, JUERGEN A., US
[72] FRANCESE, JOSE LUIS, US
[73] BIOMET C.V., US
[85] 2017-02-23
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[51] **Int.Cl. A01B 69/00 (2006.01) B62D 11/00 (2006.01)**
[25] EN
[54] **IMPLEMENT STEERABLE TRACK ASSEMBLY PIVOTABLE ABOUT THREE AXES**
[54] **ENSEMBLE DE RAIL DIRIGEABLE D'ACCESSOIRE PIVOTANT SUR TROIS AXES**
[72] PRICKEL, MARVIN A., US
[72] CONNORS, MICHAEL J., US
[72] LYKKEN, TOM, US
[72] ZACH, DAVID ALLEN, US
[73] CNH INDUSTRIAL AMERICA LLC, US
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[87] (2959269)
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[51] **Int.Cl. B64D 15/02 (2006.01) B64D 15/04 (2006.01) B64D 33/02 (2006.01)**
[25] EN
[54] **INTERNALLY HEATED ENGINE INLET SCREEN FOR AIRCRAFT ENGINES**
[54] **FILTRE D'ENTREE MOTEUR CHAUFFE DE MANIERE INTERNE DESTINE A DES MOTEURS D'AERONEF**
[72] GRISSINO, ALAN SCOTT, US
[72] MANTEIGA, JOHN ALAN, US
[72] KERNER, JONATHAN HARRY, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2959692)
[87] (2959692)
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[30] US (15/072,662) 2016-03-17

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[51] **Int.Cl. H04W 16/02 (2009.01) H04W 16/10 (2009.01)**
[25] EN
[54] **MOBILE COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATIONS MOBILES**
[72] FRANCHI, ANTONIO, GB
[72] KHAN, AMMAR, GB
[73] INMARSAT GLOBAL LIMITED, GB
[85] 2017-03-03
[86] 2015-09-14 (PCT/GB2015/052650)
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[30] GB (1416145.9) 2014-09-12

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[51] **Int.Cl. A61F 13/02 (2006.01) A61F 13/00 (2006.01)**
[25] EN
[54] **KINESIOLOGY TAPE**
[54] **BANDE DE KINESIOLOGIE**
[72] HAHN, GREGORY C., US
[72] DEWEY, RYAN, US
[72] MACKAY, JOHN, US
[73] KT HEALTH, LLC, US
[85] 2017-03-16
[86] 2015-08-19 (PCT/US2015/045972)
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[30] US (62/039,330) 2014-08-19
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[25] EN
[54] **SILICONE COMPOUNDS**
[54] **COMPOSES DE SILICONE**
[72] PANANDIKER, RAJAN KESHAV, US
[72] KLUESENER, BERNARD WILLIAM, US
[72] TRUJILLO, RAFAEL, US
[72] LIU, ZAIYOU, US
[72] LANGEVIN, REBECCA ANN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-04-18
[86] 2015-11-12 (PCT/US2015/060256)
[87] (WO2016/077513)
[30] US (62/079,730) 2014-11-14
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[51] **Int.Cl. B65H 75/48 (2006.01) A47L 5/38 (2006.01) A47L 9/24 (2006.01)**
[25] EN
[54] **RETRACTABLE VACUUM HOSE REEL ASSEMBLY**
[54] **ASSEMBLAGE D'ENROULEUR DE TUYAU D'ASPIRATEUR RETRACTABLE**
[72] SEVIGNY, MARTIN, CA
[73] DRAINVAC INTERNATIONAL 2006 INC., CA
[86] (2966118)
[87] (2966118)
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[25] EN
[54] **NOVEL EGFRVIII ANTIBODY AND COMPOSITION COMPRISING SAME**
[54] **NOUVEL ANTICORPS ANTI-EGFRVIII ET COMPOSITION LE COMPRENANT**
[72] YOON, JAE BONG, KR
[72] YOO, JINSANG, KR
[72] YOO, JIN SAN, KR
[72] LEE, WEON SUP, KR
[72] KIM, SUNG-WOO, KR
[72] SHIM, SANG RYEOL, KR
[72] BYUN, SANG SOON, KR
[72] LEE, YOUNGAE, KR
[72] LEE, HYUK JOON, KR
[72] KIM, DO YUN, KR
[72] CHOI, JINHEE, KR
[73] PHARMABCINE INC., KR
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[25] EN
[54] **SENSING IN ARTIFICIAL LIFT SYSTEMS**
[54] **DETECTION DANS DES SYSTEMES D'ELEVATION ARTIFICIELLE**
[72] PAULET, BRYAN A., US
[72] AGARWAL, MANISH, US
[72] LACHIN, PAUL M., US
[72] MOFFETT, ROSS E., US
[72] CANNON, STEPHEN E., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[25] EN
[54] **PEARLESCENT PIGMENTS, PROCESS FOR PRODUCING THEM, AND USE OF SUCH PIGMENTS**
[54] **PIGMENTS NACRES, LEUR PROCEDE DE PRODUCTION ET L'UTILISATION DE TELS PIGMENTS**
[72] HUBER, ADALBERT, DE
[72] PIECH, FABIAN, DE
[72] SHIMIZU, KAIMAN, DE
[73] SCHLENK METALLIC PIGMENTS GMBH, DE
[85] 2017-06-16
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[30] EP (15001083.3) 2015-04-15

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[51] **Int.Cl. E01H 1/00 (2006.01)**
[25] FR
[54] **ABSORPTION AND MARKING OF A POTENTIALLY DANGEROUS SUBSTANCE**
[54] **ABSORPTION ET SIGNALISATION D'UN PRODUIT POTENTIELLEMENT A RISQUE**
[72] BIGATA, ERIC, FR
[72] BLOMET, JOEL, FR
[73] HG3 S.A.R.L., LU
[85] 2017-06-19
[86] 2015-12-14 (PCT/EP2015/079625)
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[25] EN
[54] **AQUEOUS OPHTHALMIC SOLUTION**
[54] **SOLUTION OPHTALMIQUE AQUEUSE**
[72] INAGAKI, KOJI, JP
[72] MATSUMOTO, NAOKI, JP
[72] OGAWA, TOSHIHIRO, JP
[72] WAKABAYASHI, YUKIHISA, JP
[72] KAMIMURA, ASUKA, JP
[72] OSHITA, YOSHIHIRO, JP
[72] NAKAZAWA, HITOSHI, JP
[72] MATSUOKA, ISAO, JP
[73] SANTEN PHARMACEUTICAL CO., LTD., JP
[85] 2017-06-20
[86] 2015-12-25 (PCT/JP2015/086230)
[87] (WO2016/104704)
[30] JP (2014-263003) 2014-12-25
[30] JP (2015-114595) 2015-06-05

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[13] C
[51] **Int.Cl. E05B 27/00 (2006.01)**
[25] EN
[54] **HIGH SECURITY LOCKING SYSTEM WHICH FORMS A DEVIATING PICKING PATH AND ASSOCIATED DEVIATED KEY**
[54] **SYSTEME DE VERROUILLAGE DE HAUTE SECURITE QUI FORME UN TRAJET DE CROCHETAGE DE DEVIATION ET CLE DEVIEE ASSOCIEE**
[72] BOWLEY, RYAN THOMAS, CA
[72] BOWLEY, TYLER GEORGE, CA
[73] BOWLEY LOCK COMPANY INC., CA
[85] 2017-06-27
[86] 2015-09-25 (PCT/CA2015/050965)
[87] (WO2016/112454)
[30] US (62/102,870) 2015-01-13

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[25] EN
[54] **VEGETARIAN CAPSULES CONTAINING SUPERCRITICAL HERBAL EXTRACTS**
[54] **CAPSULES VEGETARIENNES CONTENANT DES EXTRAITS D'HERBES SUPERCRITIQUES**
[72] PINKNEY, SHEILA MOMANEY, US
[72] CAMMARN, STEPHEN RICHARD, US
[72] SIMS, JOSHUA RALPH, US
[73] NEW CHAPTER, INC., US
[85] 2017-07-04
[86] 2016-01-13 (PCT/US2016/013239)
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[30] US (62/102,609) 2015-01-13

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[51] **Int.Cl. A01C 5/06 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **PORT INTERFACE FOR A PNEUMATIC DISTRIBUTION SYSTEM**
[54] **INTERFACE D'ORIFICE DESTINEE A UN SYSTEME DE DISTRIBUTION PNEUMATIQUE**
[72] THOMPSON, DENNIS GEORGE, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2973481)
[87] (2973481)
[22] 2017-07-14
[30] US (15/286,980) 2016-10-06

[11] **2,973,862**
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[51] **Int.Cl. C07D 471/04 (2006.01) A01N 43/90 (2006.01) A01P 7/02 (2006.01) A01P 7/04 (2006.01) A61K 31/437 (2006.01) A61K 31/5025 (2006.01) A61K 31/519 (2006.01) A61P 33/00 (2006.01) A61P 33/14 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **CONDENSED HETEROCYCLIC COMPOUNDS AND PESTICIDES**
[54] **COMPOSE HETEROCYCLIQUE CONDENSE ET AGENT DE LUTTE CONTRE DES ORGANISMES NUISIBLES**
[72] KUDO, TAKAO, JP
[72] MAIZURU, YUKIHIRO, JP
[72] TANAKA, AYANO, JP
[72] NOTO, KENKICHI, JP
[72] MATSUI, HIROTO, JP
[72] KOBAYASHI, MASAKI, JP
[73] NISSAN CHEMICAL INDUSTRIES, LTD., JP
[85] 2017-07-13
[86] 2016-02-12 (PCT/JP2016/054171)
[87] (WO2016/129684)
[30] JP (2015-025604) 2015-02-12
[30] JP (2015-133816) 2015-07-02

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[13] C
[51] **Int.Cl. C08L 23/14 (2006.01) B32B 7/12 (2006.01) C08L 23/16 (2006.01) C08L 23/26 (2006.01)**
[25] EN
[54] **POLYOLEFIN-BASED COMPOSITIONS, ADHESIVES, AND RELATED MULTI-LAYERED STRUCTURES PREPARED THEREFROM**
[54] **COMPOSITIONS A BASE DE POLYOLEFINE, ADHESIFS ET STRUCTURES MULTI-COUCHES APPARENTEES PREPAREES A PARTIR DE CELLES-CI**
[72] BOTROS, MAGED G., US
[73] EQUISTAR CHEMICALS, LP, US
[85] 2017-08-11
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[25] EN
[54] **TELESCOPIC CONNECTION COMPONENT AND AERIAL WORK PLATFORM**
[54] **COMPOSANTE DE RACCORD TELESCOPIQUE ET PLATEFORME DE TRAVAIL AERIENNE**
[72] XU, SHUGEN, CN
[73] ZHEJIANG DINGLI MACHINERY CO., LTD., CN
[86] (2976506)
[87] (2976506)
[22] 2017-08-15
[30] CN (2016107262540) 2016-08-24

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[25] EN
[54] **VEHICLE WITH A ROTARY CONTROL BOX AND AERIAL WORK PLATFORM**
[54] **VEHICULE A BOITE DE COMMANDE ROTATIVE ET PLATEFORME DE TRAVAIL AERIENNE**
[72] XU, SHUGEN, CN
[73] ZHEJIANG DINGLI MACHINERY CO., LTD., CN
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[54] **CONJUGATES OF CELL BINDING MOLECULES WITH CYTOTOXIC AGENTS**
[54] **CONJUGUES DE MOLECULE DE LIAISON CELLULAIRE ET D'AGENTS CYTOTOXIQUES**
[72] ZHAO, ROBERT YONGXIN, CN
[72] ZHANG, YUE, CN
[72] MA, YOURANG, CN
[73] HANGZHOU DAC BIOTECH CO., LTD, CN
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[25] EN
[54] **METHOD FOR MOLDING CONTAINER USING INJECTION STRETCH BLOW MOLDING MACHINE**
[54] **PROCEDE DE MOULAGE DE RECIPIENT AU MOYEN D'UNE MACHINE DE MOULAGE PAR INJECTION-SOUFFLAGE AVEC ETIRAGE**
[72] AOKI, SHIGETO, JP
[72] MATSUZAKA, NAOHIDE, JP
[72] HASEGAWA, KAZUHIDE, JP
[73] A.K. TECHNICAL LABORATORY, INC., JP
[85] 2017-10-04
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[51] **Int.Cl. H04L 1/18 (2006.01)**
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[54] **METHOD AND USER EQUIPMENT FOR COMPACTING HARQ FEEDBACK**
[54] **PROCEDE ET EQUIPEMENT D'UTILISATEUR POUR UN COMPACTAGE DE RETROACTION HARQ**
[72] LIU, JINHUA, CN
[72] LI, SHAOHUA, CN
[72] SONG, XINGHUA, CN
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2017-10-10
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[51] **Int.Cl. B63B 59/02 (2006.01) B63B 21/00 (2006.01) G01C 21/00 (2006.01) G05B 19/02 (2006.01)**
[25] EN
[54] **ENHANCED SYSTEM AND METHOD FOR DETANGLING AND PROTECTION OF AUTOMATIC FENDER POSITIONING SYSTEMS**
[54] **SYSTEME ET PROCEDE AMELIORES PERMETTANT DE DEMELER ET DE PROTEGER DES SYSTEMES DE POSITIONNEMENT DE DEFENSE AUTOMATIQUES**
[72] ARDITI, SHMUEL SAM, US
[73] ARDITI, SHMUEL SAM, US
[85] 2017-10-05
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[30] US (14/981,858) 2015-12-28
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[54] **VEHICLE LOWER SECTION STRUCTURE**
[54] **STRUCTURE DE SECTION INFERIEURE DE VEHICULE**
[72] ATSUMI, HYUGA, JP
[72] TAKAYANAGI, JUNICHI, JP
[72] YOSHIMOTO, KENICHIRO, JP
[72] TANABE, DAISUKE, JP
[72] KAWASE, KYOSUKE, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2984028)
[87] (2984028)
[22] 2017-10-27
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[54] **CEILING FAN ASSEMBLY**
[54] **ENSEMBLE VENTILATEUR DE PLAFOND**
[72] TANG, XINMIN, CN
[72] LEI, SHUISHENG, CN
[72] LIANG, YAOGUANG, CN
[73] GD MIDEA ENVIRONMENT APPLIANCES MFG CO., LTD., CN
[73] MIDEA GROUP CO., LTD., CN
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[54] **STRUCTURAL JOINT**
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[72] MEUWISSEN, DIRK, BE
[72] KLINGELEERS, ALBERT CHARLES, BE
[72] WINTERS, RENE ALICE P., BE
[73] HENGELHOEF CONCRETE JOINTS MANUFACTURING NV, BE
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[54] **SEMI-MOUNTED PLOUGH**
[54] **CHARRUE SEMI-PORTEE**
[72] WUBBELS, BENEDIKT, DE
[72] EIRMBTER, SEBASTIAN, DE
[72] MASING, STEFAN, DE
[72] HONNEKES, ERNST, DE
[72] SCHLAWE, ANDREAS, DE
[72] VERHULSDONK, MARK, DE
[72] DIEPERS, CLEMENS, DE
[73] LEMKEN GMBH & CO KG, DE
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[25] EN
[54] **TOPICAL AND ORAL FORMULATIONS COMPRISING TAURINE AND MAGNESIUM FOR THE PREVENTION AND TREATMENT OF ACNE**
[54] **FORMULATIONS TOPIQUES ET POUR LA VOIE ORALE COMPRENANT DE LA TAURINE ET DU MAGNESIUM POUR LA PREVENTION ET LE TRAITEMENT DE L'ACNE**
[72] PROFET, MARGARET JEAN, US
[73] PROFET, MARGARET JEAN, US
[85] 2017-11-24
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[25] EN
[54] **METHOD AND SYSTEM FOR MONITORING AIR FLOW IMPURITY**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE D'IMPURETE DE FLUX D'AIR**
[72] COIRO, JOHN M., US
[72] BILECKI, BRIAN M., US
[72] SCHUPSKY, THOMAS P., US
[73] ALLENTOWN INC., US
[85] 2017-11-28
[86] 2016-06-01 (PCT/US2016/035341)
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[51] **Int.Cl. A21D 13/04 (2017.01) A21D 2/26 (2006.01) A21D 8/02 (2006.01)**
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[54] **FOOD PROTEIN GEL MATRIX GLUTEN ANALOG**
[54] **ANALOGUE DE GLUTEN SOUS FORME DE MATRICE DE GEL ALIMENTAIRE CONTENANT UNE PROTEINE**
[72] DOMINGUES, DAVID J., US
[72] GALUSKA, PETER J., US
[73] GENERAL MILLS, INC., US
[85] 2017-11-30
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[54] **HOSE CLAMP**
[54] **COLLIER DE SERRAGE POUR TUYAU**
[72] MULLER, MANUEL, CH
[72] HANSLI, WILLI, CH
[72] SCHWAIGER, KLAUS, CH
[73] OETIKER SCHWEIZ AG, CH
[85] 2017-12-14
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[54] **WORK ASSIST SYSTEM FOR WORK MACHINE**
[54] **SYSTEME D'ASSISTANCE DE TRAVAIL POUR ENGINS DE CHANTIER**
[72] NAKAMURA, SATOSHI, JP
[72] ISHII, AKINORI, JP
[72] TOMITA, KUNITSUGU, JP
[72] INADA, TAKAHIRO, JP
[72] EGAWA, SAKU, JP
[73] HITACHI CONSTRUCTION MACHINERY CO., LTD., JP
[85] 2017-12-18
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[25] EN
[54] **NEW AMINOACID DERIVATIVES, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **NOUVEAUX DERIVES D'ACIDE AMINE, LEUR PROCEDE DE PREPARATION ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
[72] SZLAVIK, ZOLTAN, HU
[72] SZABO, ZOLTAN, HU
[72] CSEKEI, MARTON, HU
[72] PACZAL, ATTILA, HU
[72] KOTSCHY, ANDRAS, HU
[72] BRUNO, ALAIN, FR
[72] GENESTE, OLIVIER, FR
[72] CHEN, I-JEN, GB
[72] DAVIDSON, JAMES EDWARD PAUL, GB
[72] MURRAY, JAMES BROOKE, GB
[72] ONDI, LEVENTE, HU
[72] RADICS, GABOR, HU
[72] SIPOS, SZABOLCS, HU
[72] PROSZENYAK, AGNES, HU
[72] PERRON-SIERRA, FRANCOISE, HU
[72] BALINT, BALAZS, HU
[73] VERNALIS (R&D) LIMITED, GB
[73] LES LABORATOIRES SERVIER, FR
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[86] 2016-06-22 (PCT/EP2016/064436)
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[25] EN
[54] **PRESSURE VESSELS WITH POLYMER MATRIX COMPOSITE MATERIAL**
[54] **RECIPIENTS SOUS PRESSION FAITS D'UN MATERIAU MIXTE A MATRICE POLYMERE**
[72] BERNARD, JAMES, GB
[72] PETHICK, JON, GB
[72] CHASE, IAN, GB
[73] CROMPTON TECHNOLOGY GROUP LIMITED, GB
[86] (2992671)
[87] (2992671)
[22] 2018-01-22
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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/124 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ISOLATING AND TREATING DISCRETE ZONES WITHIN A WELLBORE**
[54] **PROCEDE ET APPAREIL POUR ISOLER ET TRAITER DES ZONES DISCRETES A L'INTERIEUR D'UN PUITS DE FORAGE**
[72] INGRAM, GARY D., US
[72] FRIEND, WILLIAM D., JR., US
[72] FAGLEY, WALTER STONE THOMAS, IV, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[25] EN
[54] **METHOD AND DEVICE FOR JET AND PILE FORMING MOULDING POLYMER PIPELINE**
[54] **PROCEDE ET DISPOSITIF DE MOULAGE DE TUYAU EN POLYMERE PAR REMPLISSAGE/EJECTION DE MATIERE**
[72] QU, JINPING, CN
[73] SOUTH CHINA UNIVERSITY OF TECHNOLOGY, CN
[73] GUANGZHOU HUAXINKE INTELLIGENT MANUFACTURING TECHNOLOGY CO., LTD., CN
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[86] 2015-12-31 (PCT/CN2015/100077)
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[25] EN
[54] **1,3,4-OXADIAZOLE DERIVATIVE COMPOUNDS AS HISTONE DEACETYLASE 6 INHIBITOR, AND THE PHARMACEUTICAL COMPOSITION COMPRISING THE SAME**
[54] **COMPOSES DERIVES DE 1,3,4-OXADIAZOLE UTILISES EN TANT QU'INHIBITEUR DE L'HISTONE DESACETYLASE 6, ET COMPOSITION PHARMACEUTIQUE LES COMPRENANT**
[72] LEE, JAEKWANG, KR
[72] KIM, YUNTAE, KR
[72] LEE, CHANG SIK, KR
[72] SONG, HYESEUNG, KR
[72] GWAK, DAL-YONG, KR
[72] LEE, JAEYOUNG, KR
[72] OH, JUNG TAEK, KR
[72] LEE, CHANG GON, KR
[72] KIM, IL HYANG, KR
[73] CHONG KUN DANG PHARMACEUTICAL CORP., KR
[85] 2018-02-02
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[51] **Int.Cl. C07F 9/16 (2006.01) A61K 31/664 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **ANTIVIRAL BETA-AMINO ACID ESTER PHOSPHODIAMIDE COMPOUNDS**
[54] **COMPOSES PHOSPHODIAMIDE ANTIVIRAUX D'ESTER D'ACIDE BETA-AMINE**
[72] VACHAL, PETR, US
[72] RAHEEM, IZZAT, US
[72] GUO, ZHIQIANG, US
[72] HARTINGH, TIMOTHY JOHN, US
[73] MERCK SHARP & DOHME CORP., US
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[30] US (62/203,265) 2015-08-10

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[51] **Int.Cl. A24F 40/46 (2020.01) A24F 40/40 (2020.01) H05B 6/36 (2006.01)**
[25] EN
[54] **APPARATUS FOR HEATING SMOKABLE MATERIAL**
[54] **APPAREIL POUR CHAUFFER UNE SUBSTANCE A FUMER**
[72] BLANDINO, THOMAS P., US
[72] WILKE, ANDREW P., US
[72] FRATER, JAMES J., US
[72] PAPROCKI, BENJAMIN J., US
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[86] 2016-08-26 (PCT/EP2016/070176)
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[30] US (14/840,652) 2015-08-31

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[25] EN
[54] **INDUCTIVE CAVITY SENSORS FOR RESISTIVITY TOOLS**
[54] **CAPTEURS INDUCTIFS A CAVITE POUR OUTILS DE RESISTIVITE ELECTRIQUE**
[72] WILSON, GLENN ANDREW, SG
[72] MA, JIN, SG
[72] PAN, LI, SG
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-12
[86] 2015-10-28 (PCT/US2015/057795)
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[51] **Int.Cl. A24F 40/20 (2020.01) A24F 40/465 (2020.01) A24F 40/70 (2020.01) A24B 15/18 (2006.01)**
[25] EN
[54] **ARTICLE FOR USE WITH APPARATUS FOR HEATING SMOKABLE MATERIAL**
[54] **ARTICLE DESTINE A ETRE UTILISE AVEC UN APPAREIL DE CHAUFFAGE DE SUBSTANCE A FUMER**
[72] BLANDINO, THOMAS P., US
[72] WILKE, ANDREW P., US
[72] FRATER, JAMES J., US
[72] PAPROCKI, BENJAMIN J., US
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2018-02-27
[86] 2016-08-26 (PCT/EP2016/070182)
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[30] US (14/840,731) 2015-08-31

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[51] **Int.Cl. F01K 25/04 (2006.01) F22B 1/18 (2006.01)**
[25] EN
[54] **ORC FOR TRANSFORMING WASTE HEAT FROM A HEAT SOURCE INTO MECHANICAL ENERGY AND COMPRESSOR INSTALLATION MAKING USE OF SUCH AN ORC**
[54] **CYCLE DE RANKINE A CALOPORTEUR ORGANIQUE (ORC) PERMETTANT DE TRANSFORMER UNE CHALEUR RESIDUELLE PROVENANT D'UNE SOURCE DE CHALEUR EN ENERGIE MECANIQUE ET INSTALLATION DE COMPRESSEUR UTILISANT UN TEL ORC**
[72] OHMAN, HENRIK, BE
[73] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
[85] 2018-03-05
[86] 2016-08-18 (PCT/BE2016/000038)
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[25] EN
[54] **INORGANIC PIGMENTS SURFACE TREATED WITH POLYOL ESTERS**
[54] **PIGMENTS INORGANIQUES A SURFACE TRAITEE AVEC DES ESTERS DE POLYOL**
[72] GOPARAJU, VENKATA RAMA RAO, US
[72] KAZEROONI, VAHID, US
[73] TRONOX LLC, US
[85] 2018-03-09
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[25] EN
[54] **COMMUNICATION SYSTEM, GUIDED WAVE SWITCH AND METHODS FOR USE THEREWITH**
[54] **SYSTEME DE COMMUNICATION, COMMUTATEUR A ONDES GUIDEES ET PROCEDES D'UTILISATION ASSOCIES**
[72] BARNICKEL, DONALD J., US
[72] BENNETT, ROBERT, US
[72] BARZEGAR, FARHAD, US
[72] GERSZBERG, IRWIN, US
[72] HENRY, PAUL SHALA, US
[72] KAFKA, HENRY, US
[72] WILLIS, THOMAS M., III, US
[73] AT&T INTELLECTUAL PROPERTY I, L.P., US
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[51] **Int.Cl. H02B 1/01 (2006.01)**
[25] EN
[54] **FRAME PROFILE FOR A FRAME RACK OF A SWITCH CABINET, AND A CORRESPONDING FRAME RACK**
[54] **PROFILE DE CADRE POUR BATI D'UNE ARMOIRE DE DISTRIBUTION ET BATI CORRESPONDANT**
[72] REUTER, WOLFGANG, DE
[72] BRUCK, DANIEL, DE
[72] SCHINDLER, TIMO, DE
[72] PAUL, HARTMUT, DE
[72] HOLIGHAUS, HEIKO, DE
[73] RITTAL GMBH & CO. KG, DE
[85] 2018-03-22
[86] 2016-09-21 (PCT/DE2016/100440)
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[30] DE (10 2015 121 192.0) 2015-12-04

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[25] EN
[54] **HEIGHT ADJUSTMENT MECHANISM FOR A MANHOLE ASSEMBLY AND MANHOLE ASSEMBLY COMPRISING THE SAME**
[54] **MECANISME D'AJUSTEMENT DE HAUTEUR DESTINE A UN ENSEMBLE DE TROU D'HOMME ET ENSEMBLE DE TROU D'HOMME COMPORTANT LEDIT MECANISME**
[72] BRIEN, TREVOR, CA
[73] BRIEN, TREVOR, CA
[86] (2999627)
[87] (2999627)
[22] 2018-03-29
[30] US (62/480,419) 2017-04-01

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[51] **Int.Cl. B60G 15/12 (2006.01)**
[25] EN
[54] **STRUT ASSEMBLY WITH COMBINED GAS SPRING AND DAMPER**
[54] **ASSEMBLAGE DE CONTREFICHE A RESSORT A GAZ ET AMORTISSEUR COMBINES**
[72] HINZ, JOHN A., US
[73] REYCO GRANNING, LLC, US
[86] (3000523)
[87] (3000523)
[22] 2018-04-09
[30] US (15/615,681) 2017-06-06

[11] **3,000,612**
[13] C
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/52 (2006.01) B01D 53/62 (2006.01) B01D 53/78 (2006.01)**
[25] EN
[54] **ABSORBENT LIQUID FOR CO2 AND/OR H2S, AND APPARATUS AND METHOD USING SAME**
[54] **LIQUIDE ABSORBANT POUR CO2 ET/OU H2S, ET APPAREIL ET PROCEDE L'UTILISANT**
[72] TANAKA, HIROSHI, JP
[72] HIRATA, TAKUYA, JP
[72] KONDO, MASAMI, JP
[72] KAMIJO, TAKASHI, JP
[72] TSUJIUCHI, TATSUYA, JP
[73] THE KANSAI ELECTRIC POWER CO., INC., JP
[73] MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD., JP
[85] 2018-03-29
[86] 2016-09-23 (PCT/JP2016/077987)
[87] (WO2017/057179)
[30] JP (2015-194102) 2015-09-30

[11] **3,001,357**
[13] C
[51] **Int.Cl. F16B 12/50 (2006.01) A47B 96/00 (2006.01) B25H 3/00 (2006.01) E04C 5/01 (2006.01)**
[25] EN
[54] **CORNER REINFORCEMENT GUSSET**
[54] **GOUSSET DE RENFORCEMENT DE COIN**
[72] CURRY, DAVID, US
[72] SHARP, WILLIAM T., US
[72] STEVENSON, TODD, US
[72] EGGERT, DANIEL, US
[72] DOERFLINGER, DAVID, US
[73] SNAP-ON INCORPORATED, US
[86] (3001357)
[87] (3001357)
[22] 2018-04-13
[30] US (62/503,128) 2017-05-08
[30] US (15/784,953) 2017-10-16

[11] **3,001,578**
[13] C
[51] **Int.Cl. B60Q 1/30 (2006.01) B60Q 1/34 (2006.01)**
[25] EN
[54] **LED TAILGATE LIGHT**
[54] **LUMIERE DE HAYON A DEL**
[72] ELWELL, JAMES P., US
[72] XIAOJUN, TIAN, CN
[73] PUTCO, INC., US
[86] (3001578)
[87] (3001578)
[22] 2018-04-13
[30] US (15/856,621) 2017-12-28

[11] **3,002,334**
[13] C
[51] **Int.Cl. F03B 13/14 (2006.01) B63B 22/04 (2006.01) E02B 9/08 (2006.01) E02D 29/09 (2006.01)**
[25] EN
[54] **POWER GENERATION UNIT FOR OCEANOGRAPHIC SENSOR MOORINGS**
[54] **UNITE DE GENERATION DE PUISSANCE POUR AMARRES DE CAPTEUR OCEANOGRAPHIQUE**
[72] COOK, ANDREW, CA
[72] PRESS, ADAM, CA
[72] HOLDEN, GEOFF, CA
[73] MEMORIAL UNIVERSITY OF NEWFOUNDLAND, CA
[85] 2018-04-16
[86] 2016-10-06 (PCT/CA2016/000250)
[87] (WO2017/063070)
[30] CA (2,908,534) 2015-10-16

[11] **3,003,261**
[13] C
[51] **Int.Cl. C08G 75/06 (2006.01) C07D 251/32 (2006.01) C08K 7/00 (2006.01) C08L 81/02 (2006.01) C08L 81/04 (2006.01) C09J 175/08 (2006.01)**
[25] EN
[54] **REACTIVE ANTIOXIDANTS, ANTIOXIDANT-CONTAINING PREPOLYMERS, AND COMPOSITIONS THEREOF**
[54] **ANTIOXYDANTS REACTIFS, PREPOLYMERES CONTENANT DES ANTIOXYDANTS, ET COMPOSITIONS ASSOCIEES**
[72] RAO, CHANDRA B., US
[72] CAI, JUEXIAO, US
[72] LIN, RENHE, US
[73] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2018-04-25
[86] 2016-10-25 (PCT/US2016/058607)
[87] (WO2017/074911)
[30] US (14/922,280) 2015-10-26

[11] **3,004,389**
[13] C
[51] **Int.Cl. C09K 11/61 (2006.01)**
[25] FR
[54] **SOL-GEL PROCESS FOR SYNTHESISING A LUMINESCENT MATERIAL WITH GENERAL FORMULATION: AXBYFZ : MN**
[54] **PROCEDE SOL-GEL DE SYNTHESE D'UN MATERIAU LUMINESCENT DE FORMULATION GENERALE : AXBYFZ : MN**
[72] BARROS, ANTHONY, FR
[72] DELONCLE, RODOLPHE, FR
[72] DESCHAMPS, JEROME, FR
[72] CHADEYRON, GENEVIEVE, FR
[72] BOYER, DAMIEN, FR
[72] BOUTINAUD, PHILIPPE, FR
[73] LINXENS HOLDING, FR
[73] SIGMA CLERMONT, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] UNIVERSITE CLERMONT AUVERGNE, FR
[85] 2018-05-03
[86] 2016-11-10 (PCT/FR2016/052938)
[87] (WO2017/081428)
[30] FR (1560857) 2015-11-13

[11] **3,004,895**
[13] C
[51] **Int.Cl. F04B 1/2014 (2020.01) F04B 53/16 (2006.01) F04B 53/22 (2006.01)**
[25] EN
[54] **CARTRIDGE RETENTION SYSTEM**
[54] **SYSTEME DE RETENUE DE CARTOUCHE**
[72] BARTELS, HEINRICH, US
[72] PATTERSON, STEPHEN, GB
[72] NOKES, JESSE, US
[73] FORUM US, INC., US
[85] 2018-05-09
[86] 2016-12-02 (PCT/US2016/064805)
[87] (WO2017/096292)
[30] US (14/957,173) 2015-12-02

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[11] **3,006,061**
[13] C
[51] **Int.Cl. C10G 75/04 (2006.01) C09K 8/532 (2006.01) E21B 37/06 (2006.01) E21B 41/02 (2006.01)**
[25] EN
[54] **METHOD OF PREVENTING OR MITIGATING FORMATION OF METAL SULFIDE SCALES DURING OIL AND GAS PRODUCTION**
[54] **PROCEDE POUR EMPECHER OU ATTENUER LA FORMATION DE DEPOTS DE SULFURE METALLIQUE LORS DE LA PRODUCTION DE PETROLE ET DE GAZ**
[72] ARMSTRONG, CHARLES DAVID, US
[73] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-05-23
[86] 2016-11-11 (PCT/US2016/061581)
[87] (WO2017/091368)
[30] US (62/259,939) 2015-11-25

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[11] **3,006,518**
[13] C
[51] **Int.Cl. G06F 3/01 (2006.01) G02B 5/32 (2006.01) G02B 27/01 (2006.01) H04N 5/89 (2006.01)**
[25] EN
[54] **HIGH DENSITY ENERGY DIRECTING DEVICE**
[54] **DISPOSITIF D'ORIENTATION D'ENERGIE A HAUTE DENSITE**
[72] KARAFIN, JONATHAN SEAN, US
[72] BEVENSEE, BRENDAN ELWOOD, US
[73] LIGHT FIELD LAB, INC., US
[85] 2018-05-25
[86] 2017-07-17 (PCT/US2017/042452)
[87] (WO2018/014036)
[30] US (62/362,602) 2016-07-15
[30] US (62/366,076) 2016-07-24
[30] US (62/507,500) 2017-05-17
[30] US (PCT/US2017/042275) 2017-07-14
[30] US (PCT/US2017/042276) 2017-07-14

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[13] C
[51] **Int.Cl. B01D 65/06 (2006.01) B01D 65/08 (2006.01) C02F 1/44 (2006.01)**
[25] EN
[54] **PEROXYFORMIC ACID COMPOSITIONS FOR MEMBRANE FILTRATION CLEANING**
[54] **COMPOSITIONS D'ACIDE PEROXYFORMIQUE POUR LE NETTOYAGE DES MEMBRANES DE FILTRATION**
[72] LI, JUNZHONG, US
[72] BUNDERS, CYNTHIA, US
[72] STAUB, RICHARD, US
[72] SCHACHT, PAUL, US
[72] POWER, CALEB, US
[73] ECOLAB USA INC., US
[85] 2018-06-05
[86] 2016-12-16 (PCT/US2016/067139)
[87] (WO2017/106623)
[30] US (62/268,152) 2015-12-16

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[13] C
[51] **Int.Cl. G01N 37/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING MANUFACTURING**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE FABRICATION**
[72] OOSTENDORP, NATHAN, US
[72] DEMAAGD, KURTIS ALAN, US
[72] SMITH, RYAN, US
[73] SIGHT MACHINE, INC., US
[85] 2018-06-08
[86] 2016-12-08 (PCT/US2016/000127)
[87] (WO2017/127042)
[30] US (62/264,718) 2015-12-08

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[11] **3,008,330**
[13] C
[51] **Int.Cl. A61L 27/18 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL POROUS POLYURETHANE SCAFFOLD FOR REPAIRING CENTRAL NERVE INJURIES AND PREPARATION METHOD THEREOF**
[54] **ENDOPROTHESE EN POLYURETHANE POREUX TRIDIMENSIONNEL POUR REPARER DES LESIONS DU SYSTEME NERVEUX CENTRAL ET PROCEDE DE PREPARATION**
[72] TAN, HONG, CN
[72] FANG, FANG, CN
[72] LI, JIEHUA, CN
[72] WANG, YANCHAO, CN
[72] WU, YINGKE, CN
[72] FU, QIANG, CN
[72] LUO, FENG, CN
[73] SICHUAN UNIVERSITY, CN
[85] 2018-06-13
[86] 2016-12-13 (PCT/CN2016/109596)
[87] (WO2017/101754)
[30] CN (201510947956.7) 2015-12-17

[11] **3,008,699**
[13] C
[51] **Int.Cl. H01M 8/1041 (2016.01) H01M 8/1067 (2016.01) H01M 8/1213 (2016.01) H01M 8/1018 (2016.01) C25B 1/00 (2006.01)**
[25] FR
[54] **PROTON-CONDUCTIVE ELECTROCHEMICAL DEVICE WITH INTEGRATED REFORMING AND ASSOCIATED PRODUCTION METHOD**
[54] **DISPOSITIF ELECTROCHIMIQUE A CONDUCTION PROTONIQUE AVEC REFORMAGE INTEGRE ET PROCEDE DE FABRICATION ASSOCIE**
[72] MARRONY, MATHIEU, FR
[72] TAILLADES, GILLES, FR
[72] ROZIERE, JACQUES, FR
[72] DAILLY, JULIAN, DE
[73] ELECTRICITE DE FRANCE, FR
[73] UNIVERSITE DE MONTPELLIER, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[85] 2018-06-14
[86] 2016-12-16 (PCT/EP2016/081560)
[87] (WO2017/103193)
[30] FR (15 62711) 2015-12-17

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[11] **3,009,587**
[13] C
[51] **Int.Cl. A24F 40/40 (2020.01) A24F 40/10 (2020.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01) G06F 3/01 (2006.01) G06F 3/147 (2006.01)**
[25] EN
[54] **VISUALISATION SYSTEM AND METHOD FOR ELECTRONIC VAPOUR PROVISION SYSTEMS**
[54] **SYSTEME ET PROCEDE DE VISUALISATION POUR SYSTEMES ELECTRONIQUES DE DISTRIBUTION DE VAPEUR**
[72] AZZOPARDI, ANNA, GB
[72] SPENCER, ALFRED VINCENT, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2018-06-22
[86] 2016-12-09 (PCT/GB2016/053874)
[87] (WO2017/121979)
[30] GB (1600539.9) 2016-01-12

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[11] **3,010,570**
[13] C
[51] **Int.Cl. C07C 225/22 (2006.01) C07C 233/33 (2006.01) C07C 235/84 (2006.01)**
[25] EN
[54] **UV/VISIBLE-ABSORBING VINYLIC MONOMERS AND USES THEREOF**
[54] **MONOMERES VINYLIQUES ABSORBANT LES UV ET LA LUMIERE VISIBLE, ET LEURS UTILISATIONS**
[72] HOLLAND, TROY VERNON, US
[72] CHANG, FRANK, US
[72] LAREDO, WALTER R., US
[72] JIANG, XUWEI, US
[72] DESOUSA, RYAN, US
[73] ALCON INC., US
[85] 2018-07-04
[86] 2017-02-16 (PCT/IB2017/050873)
[87] (WO2017/145022)
[30] US (62/298,124) 2016-02-22

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[11] **3,011,976**
[13] C
[51] **Int.Cl. B62D 23/00 (2006.01) B60N 2/24 (2006.01) B60R 21/08 (2006.01)**
[25] EN
[54] **UTILITY VEHICLE WITH SIDE RESTRAINT**
[54] **VEHICULE UTILITAIRE COMPORTANT UN ELEMENT DE RETENUE LATERAL**
[72] DECKARD, AARON D., US
[72] ERSPAMER, BRENT A., US
[72] PETERSON, SHAWN D., US
[73] POLARIS INDUSTRIES INC., US
[85] 2018-07-19
[86] 2017-01-20 (PCT/US2017/014322)
[87] (WO2017/127672)
[30] US (62/280,976) 2016-01-20

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[11] **3,012,407**
[13] C
[51] **Int.Cl. C10B 55/02 (2006.01) C10B 57/06 (2006.01)**
[25] EN
[54] **NOVEL COKE WITH ADDITIVES**
[54] **COKE INNOVANT COMPRENANT DES ADDITIFS**
[72] OTTINGER, OSWIN, DE
[72] WALTER, HERIBERT, DE
[72] CHRIST, MARTIN, DE
[72] DAIMER, JOHANN, DE
[72] FROHS, WILHELM, DE
[72] HILTMANN, FRANK, DE
[72] SCHMITT, RAINER, DE
[73] TOKAI COBEX GMBH, DE
[85] 2018-07-24
[86] 2017-01-30 (PCT/EP2017/051882)
[87] (WO2017/129808)
[30] DE (10 2016 201 429.3) 2016-01-29

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[11] **3,012,909**
[13] C
[51] **Int.Cl. H01L 31/052 (2014.01)**
[25] EN
[54] **PHOTOVOLTAIC ASSEMBLY**
[54] **ENSEMBLE PHOTOVOLTAIQUE**
[72] HUANG, MENG, CN
[72] LIANG, RONGXIN, CN
[72] REN, PENG, CN
[72] TANG, WENQIANG, CN
[72] NAN, SHUGONG, CN
[72] LIU, XIA, CN
[73] GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, CN
[85] 2018-07-27
[86] 2017-01-24 (PCT/CN2017/072413)
[87] (WO2017/133571)
[30] CN (201610069481.0) 2016-02-01

[11] **3,013,591**
[13] C
[51] **Int.Cl. G01N 33/28 (2006.01) G01N 21/83 (2006.01)**
[25] EN
[54] **METHOD OF DETERMINING THE STABILITY RESERVE AND SOLUBILITY PARAMETERS OF A PROCESS STREAM CONTAINING ASPHALTENES BY JOINT USE OF TURBIDIMETRIC METHOD AND REFRACTIVE INDEX**
[54] **PROCEDE DE DETERMINATION DE PARAMETRES DE STABILITE DE RESERVE ET DE SOLUBILITE D'UN FLUX DE TRAITEMENT CONTENANT DES ASPHALTENES PAR UTILISATION CONJOINTE D'UN PROCEDE DE TURBIDIMETRIE ET D'UN INDICE DE REFRACTION**
[72] RESPINI, MARCO, IT
[72] DELLA SALA, GIUSEPPE, GB
[72] SANDU, CORINA, US
[72] MEDINE, GAVIN MARK, NL
[72] PINAPPU, SAI REDDY, US
[73] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-08-02
[86] 2017-02-03 (PCT/US2017/016493)
[87] (WO2017/136716)
[30] US (62/292,010) 2016-02-05

[11] **3,013,756**
[13] C
[51] **Int.Cl. G10L 21/0364 (2013.01) G10L 21/038 (2013.01) G10L 25/78 (2013.01)**
[25] EN
[54] **DECODER FOR GENERATING A FREQUENCY ENHANCED AUDIO SIGNAL, METHOD OF DECODING, ENCODER FOR GENERATING AN ENCODED SIGNAL AND METHOD OF ENCODING USING COMPACT SELECTION SIDE INFORMATION**
[54] **DECODEUR POUR GENERER UN SIGNAL AUDIO A FREQUENCE AMELIOREE, PROCEDE DE DECODAGE, CODEUR POUR GENERER UN SIGNAL CODE ET PROCEDE DE CODAGE UTILISANT DES INFORMATIONS ANNEXES DE SELECTION COMPACTE**
[72] NAGEL, FREDERIK, DE
[72] DISCH, SASCHA, DE
[72] NIEDERMEIER, ANDREAS, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[86] (3013756)
[87] (3013756)
[22] 2014-01-28
[62] 2,899,134
[30] US (61/758092) 2013-01-29

[11] **3,013,766**
[13] C
[51] **Int.Cl. G10L 21/0364 (2013.01) G10L 21/038 (2013.01)**
[25] EN
[54] **DECODER FOR GENERATING A FREQUENCY ENHANCED AUDIO SIGNAL, METHOD OF DECODING, ENCODER FOR GENERATING AN ENCODED SIGNAL AND METHOD OF ENCODING USING COMPACT SELECTION SIDE INFORMATION**
[54] **DECODEUR POUR GENERER UN SIGNAL AUDIO AMELIORE EN FREQUENCE, PROCEDE DE DECODAGE, CODEUR POUR GENERER UN SIGNAL CODE ET PROCEDE DE CODAGE UTILISANT DES INFORMATIONS AUXILIAIRES DESELECTION COMPACTE**
[72] NAGEL, FREDERIK, DE
[72] DISCH, SASCHA, DE
[72] NIEDERMEIER, ANDREAS, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[86] (3013766)
[87] (3013766)
[22] 2014-01-28
[62] 2,899,134
[30] US (61/758092) 2013-01-29

[11] **3,013,780**
[13] C
[51] **Int.Cl. A61H 21/00 (2006.01) A41D 1/00 (2018.01) A41D 29/00 (2006.01) A61H 19/00 (2006.01)**
[25] EN
[54] **BODILY INSERTION DEVICE WITH TAIL ATTACHMENT**
[54] **DISPOSITIF D'INSERTION CORPOREL COMPORTANT UN ACCESSOIRE DE QUEUE**
[72] RAAB, JOSHUA, US
[72] RAAB, ALMA, US
[73] RAAB, JOSHUA, US
[73] RAAB, ALMA, US
[86] (3013780)
[87] (3013780)
[22] 2018-08-10
[30] US (15/859,814) 2018-01-02

[11] **3,014,330**
[13] C
[51] **Int.Cl. B65B 39/00 (2006.01) B65B 3/04 (2006.01) B65B 39/14 (2006.01) B67C 3/26 (2006.01)**
[25] EN
[54] **VACUUM ASSISTED NOZZLE APPARATUS AND PROCESS USING SAID APPARATUS**
[54] **APPAREIL DE BUSE ASSISTE PAR LE VIDE ET PROCEDE UTILISANT LEDIT APPAREIL**
[72] COROMINAS, FRANCESC, BE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-08-10
[86] 2017-03-06 (PCT/US2017/020865)
[87] (WO2017/155851)
[30] US (15/062,998) 2016-03-07

[11] **3,014,403**
[13] C
[51] **Int.Cl. G08B 13/196 (2006.01) G06Q 10/06 (2012.01) G06T 7/00 (2017.01) G06T 7/20 (2017.01) H04N 7/18 (2006.01) H04N 21/80 (2011.01)**
[25] EN
[54] **TRACKING AND/OR ANALYZING FACILITY-RELATED ACTIVITIES**
[54] **SUIVI OU ANALYSE D'ACTIVITES ASSOCIEES A UNE INSTALLATION**
[72] KOVACH, ROBERT A., US
[72] RICHARDS, BRIAN H., US
[72] GREEN, BRIAN J., US
[72] PARUCHURI, RAMOJ KUMAR, US
[72] THOMAS, JORDAN, US
[72] CRABB, SARAH, US
[72] WANG, ZHIJIE, US
[72] ZHOU, HAO, US
[72] SATAPATHY, MANAS R., US
[72] MEHROTRA, PRASHANT K., US
[72] SHARMA, ANANT, US
[72] CORKUM, PETER D., US
[73] ACCENTURE GLOBAL SOLUTIONS LIMITED, IE
[86] (3014403)
[87] (3014403)
[22] 2018-08-16
[30] US (15/714,570) 2017-09-25
[30] US (62/556,068) 2017-09-08

[11] **3,014,856**
[13] C
[51] **Int.Cl. C10L 5/44 (2006.01) C10B 53/02 (2006.01)**
[25] EN
[54] **BIOMASS FUEL PRODUCTION PLANT**
[54] **INSTALLATION DE PRODUCTION DE COMBUSTIBLE DE BIOMASSE**
[72] ENDO, YUKI, JP
[72] ICHINOSE, TOMOKI, JP
[72] ISHIKAWA, KEIICHI, JP
[73] MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD., JP
[85] 2018-08-16
[86] 2017-02-15 (PCT/JP2017/005500)
[87] (WO2017/141955)
[30] JP (2016-028725) 2016-02-18

[11] **3,015,008**
[13] C
[51] **Int.Cl. B61D 5/00 (2006.01) B65D 90/10 (2006.01)**
[25] EN
[54] **RAILROAD TANK CAR MANWAY ASSEMBLY**
[54] **ENSEMBLE DE PASSAGE DE CIRCULATION DE WAGON DE CHEMIN DE FER**
[72] SCHMIDT, DAN, US
[72] WALTER, GARY C., US
[72] JOHNSON, SPENCER, US
[73] UNION TANK CAR COMPANY, US
[86] (3015008)
[87] (3015008)
[22] 2018-08-21
[30] US (15/685,258) 2017-08-24

[11] **3,015,091**
[13] C
[51] **Int.Cl. C23C 30/00 (2006.01) C23C 26/02 (2006.01) C23C 28/04 (2006.01)**
[25] EN
[54] **BOND COATINGS HAVING A MOLTEN SILICON-PHASE CONTAINED BETWEEN REFRACTORY LAYERS**
[54] **REVETEMENTS LIANTS AYANT UNE PHASE DE SILICONE FONDU CONTENU ENTRE DES COUCHES REFRACTAIRES**
[72] KIRBY, GLEN HAROLD, US
[72] SUBRAMANIAN, SURESH, US
[72] VISWANATHAN, SURESH, US
[72] STEIBEL, JAMES DALE, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (3015091)
[87] (3015091)
[22] 2018-08-23
[30] US (15/697,947) 2017-09-07

[11] **3,015,155**
[13] C
[51] **Int.Cl. C23C 30/00 (2006.01) C23C 26/02 (2006.01) C23C 28/04 (2006.01) F01D 5/28 (2006.01) F01D 25/00 (2006.01)**
[25] EN
[54] **BOND COATINGS HAVING A SILICON-PHASE CONTAINED WITHIN A REFRACTORY PHASE**
[54] **REVETEMENTS LIANTS AYANT UNE PHASE DE SILICONE CONTENU DANS UNE PHASE REFRACTAIRE**
[72] KIRBY, GLEN HAROLD, US
[72] SUBRAMANIAN, SURESH, US
[72] VISWANATHAN, SURESH, US
[72] STEIBEL, JAMES DALE, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (3015155)
[87] (3015155)
[22] 2018-08-23
[30] US (15/697,895) 2017-09-07

[11] **3,015,843**
[13] C
[51] **Int.Cl. H01Q 9/00 (2006.01) H01Q 21/00 (2006.01) H01Q 21/29 (2006.01)**
[25] EN
[54] **WIDEBAND MULTI-LEVEL ANTENNA ELEMENT AND ANTENNA ARRAY**
[54] **ELEMENT D'ANTENNE MULTINIVEAU A LARGE BANDE ET RESEAU D'ANTENNES**
[72] SHEN, LIN-PING, CA
[72] WANG, HUA, CA
[72] LOTZ, WILLI MANFRED, CA
[72] GAVRILOVIC, MINYA, CA
[73] COMMUNICATION COMPONENTS ANTENNA INC., CA
[85] 2018-08-27
[86] 2017-03-17 (PCT/CA2017/050342)
[87] (WO2017/156635)
[30] US (62/309,844) 2016-03-17

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[54] **TENDEUR DE CHAINES, MACHINE DE TRAITEMENT D'ELEMENTS EN FORME DE FEUILLES ET PROCEDE POUR TENDRE LES TRAINS DE CHAINES**
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[72] OTSURU, YOSHIHIDE, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[73] TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION, JP
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[54] **PROCEDE ET APPAREIL DE PURIFICATION D'UN MELANGE COMPRENANT DE L'HUILE ET DE LA PARAFFINE**
[72] PFEIL, MATHIAS, CH
[73] SULZER MANAGEMENT AG, CH
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[54] **TECHNIQUES MEDICALES ASSISTEES PAR HYPERFREQUENCE ET APPAREIL ASSOCIE**
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[72] PARE, J. R. JOCELYN, CA
[73] ATLANTIC CANCER RESEARCH INSTITUTE, CA
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[72] DESHPANDE, SACHIN G., US
[72] NG, SHEAU, US
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[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DU SULFATE DE TRIIODOTHYRONINE**
[72] ANELLI, PIER LUCIO, IT
[72] ARGESE, MARIA, IT
[72] BOI, VALERIA, IT
[72] CAVALIERE, LIVIO, IT
[72] GALIMBERTI, LAURA, IT
[72] GAZZETTO, SONIA, IT
[72] LATTUADA, LUCIANO, IT
[72] MAISANO, FEDERICO, IT
[72] RIVOLTA, GIOVANNI, IT
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[72] CUSHMAN, MICHAEL P., US
[72] LUSSIER, MICHAEL J., US
[72] MCMARTIN, JAMES M., US
[73] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
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[54] **COLLECTEURS DESTINES AUX SYSTEMES LIMITEURS DE PRESSION**
[72] KRUPPE, FRANK, US
[72] POWELL, MATT, US
[73] CYRUS SHANK CORPORATION, US
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[54] **PROCEDE DE TRAITEMENT CONTINU DE MATERIAUX SULFURES CONTENANT DU CUIVRE ET DU NICKEL**
[72] TSYMBULOV, LEONID BORISOVICH, RU
[72] KNYAZEV, MIHAIL VIKTOROVICH, RU
[72] TOZIK, VIKTOR MIHAILOVICH, RU
[72] PIGAREV, SERGEI PETROVICH, RU
[72] FOMICHEV, VLADIMIR BORISOVICH, RU
[72] LAZAREV, VLADIMIR ILICH, RU
[72] EROSHEVICH, SERGEI YUREVICH, RU
[72] IVANOV, VIKTOR ALEKSANDROVICH, RU
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[54] **METHOD FOR PRODUCING TIAL-BASED INTERMETALLIC SINTERED COMPACT**
[54] **PROCEDE DE PRODUCTION D'UN CORPS FRITTE DE COMPOSE INTERMETALLIQUE TIAL**
[72] SUZUKI, KENJI, JP
[72] SHINDO, KENTARO, JP
[72] TERAUCHI, SHUNTARO, JP
[72] KITAGAKI, HISASHI, JP
[72] HANAMI, KAZUKI, JP
[72] HANADA, TADAYUKI, JP
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[73] OSAKA YAKIN KOGYO CO., LTD., JP
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[54] **METHOD FOR EXTENDING THE CAMPAIGN LIFE OF STABILIZING ROLLS FOR A COATING LINE**
[54] **PROCEDE POUR PROLONGER LA DUREE DE VIE DE ROULEAUX DE STABILISATION POUR UNE LIGNE DE REVETEMENT**
[72] NIEDRINGHAUS, JOYCE C., US
[72] CADOTTE, DANIEL J., US
[72] SERSION, WILLIAM F., JR., US
[72] WEBB, TONY LEE, II, US
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[54] **COMPOSES THERAPEUTIQUES UTILES POUR LE TRAITEMENT PROPHYLACTIQUE OU THERAPEUTIQUE D'UNE INFECTION PAR LE VIRUS DU VIH**
[72] GRAUPE, MICHAEL, US
[72] HENRY, STEVEN J., US
[72] LINK, JOHN O., US
[72] ROWE, CHARLES WILLIAM, US
[72] SAITO, ROLAND D., US
[72] SCHROEDER, SCOTT D., US
[72] STEFANIDIS, DIMITRIOS, US
[72] TSE, WINSTON C., US
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[54] **TOUPIE ET PROCEDE DE PRODUCTION DE TOUPIE**
[72] TAKAHASHI, KATSUMI, JP
[73] SPINNING TOP CORPORATION, JP
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[54] **GOULOTTES DE FINES COTE TAMISEUR GIRATOIRE**
[72] MERANDA, CHRISTOPHER, US
[73] M-I L.L.C., US
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[54] **SYSTEME DE TRAVERSE FLOTTANT**
[72] SHERBECK, TIMOTHY, US
[72] GUERRA, GERARDO, US
[72] MEUTH, JOSHUA BRANDON, US
[73] FORUM US, INC., US
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[54] **COMPOSES D'HETEROARYL-1,2,4-TRIAZOLE ET D'HETEROARYL-TETRAZOLE POUR LUTTER CONTRE LES ECTOPARASITES**
[72] TOSATTI, PAOLO, US
[72] WACH, JEAN-YVES, US
[73] ELANCO TIERGESUNDHEIT AG, CH
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[54] **INSTALLATION D'ECONOMIES D'ENERGIE DE COUCHE PHYSIQUE A COMPENSATION ALEATOIRE**
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[73] QUALCOMM INCORPORATED, US
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[54] **CONTOURED WALL HEAT EXCHANGER**
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[72] MARTINEZ, RAMON, US
[72] SABO, NICOLAS KRISTOPHER, US
[72] HOGAN, CURT EDWARD, US
[72] POPP, MICHAEL STEPHEN, US
[72] RAMBO, JEFFREY DOUGLAS, US
[72] WOLFE, JARED MATTHEW, US
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[73] HARTMETALL-WERKZEUGFABRIK PAUL HORN GMBH, DE
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[54] **METHOD AND DEVICE FOR BATCHED COMPRESSION MOLDING OF RUBBER AND PLASTIC PRODUCTS BY MEANS OF MULTIPLE MOLD CAVITIES**
[54] **PROCEDE ET DISPOSITIF DE MOULAGE DISCONTINU PAR COMPRESSION DE PRODUITS EN CAOUTCHOUC ET EN MATIERE PLASTIQUE PAR L'INTERMEDIAIRE DE MULTIPLES CAVITES DE MOULE**
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[73] SOUTH CHINA UNIVERSITY OF TECHNOLOGY, CN
[73] GUANGZHOU HUAXINKE INTELLIGENT MANUFACTURING TECHNOLOGY CO., LTD., CN
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[54] **MECANISME DE SOUPAPE COMPRENANT UNE RETENTION DE POIGNEE MAGNETIQUE A RESSORT**
[72] CROWE, DARRELL S., US
[72] HAYES, GERALD R., US
[73] DELTA FAUCET COMPANY, US
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[54] **PROCEDE D'ASSEMBLAGE D'ELEMENT ASSEMBLE ET ELEMENT ASSEMBLE**
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[72] KOZASA, TOSHIO, JP
[72] HATANO, MASATAKE, JP
[72] KISHIMOTO, KAZUAKI, JP
[72] TAKEUCHI, YUKIO, JP
[72] MATSUHASHI, MASAHIKO, JP
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[72] CHEN, SHUO, US
[73] THE NEAT COMPANY, INC. D/B/A NEATRECEIPTS, INC., US
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[25] EN
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[54] **APPAREIL DE LIQUEFACTION, METHODES ET SYSTEMES**
[72] BRIGDEN, ALEX, CA
[72] REMFRY, ANGUS, CA
[72] CUNIAL, GLEN, CA
[72] BOGUSLAWSKI, TOM, CA
[73] STEELHEAD LNG (ASLNG) LTD., CA
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[54] **SYSTEME DE CONTROLE DE SOUPAPE A POMPE MULTIPLE**
[72] BEISEL, JOSEPH A., US
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[54] **STATION DE TRANSPORT DU POISSON, PROCEDE DE TRANSPORT DU POISSON ET MACHINE DE TRAITEMENT DU POISSON**
[72] PEIN, ROLAND, DE
[72] HOLTZ, JORG, DE
[73] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO.KG, DE
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[54] **PERFORATRICE MECANIQUE**
[72] HRUPP, JOSE J., US
[73] EXACTA-FRAC ENERGY SERVICES, INC., US
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[54] **SYSTEME DE BARRE DE DOUCHE**
[72] LEE, DAVID, US
[72] BUESCHER, ALISHA NICOLE, US
[72] WANG, QINGPING, CN
[72] DAI, SHENGCHAO, CN
[72] LIU, JINTENG, CN
[73] DELTA FAUCET COMPANY, US
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[54] **PROCEDES ET APPAREIL DE VERIFICATION ET/OU DE CORRECTION D'INFORMATIONS D'IDENTIFICATION DE MEDIA**
[72] MCMILLAN, F. GAVIN, US
[73] THE NIELSEN COMPANY (US), LLC, US
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[54] **DISPOSITIF POUR MESURER LA RIGIDITE D'ARTICLES DE COURRIER**
[72] EL BERNOUSSI, HICHAM, FR
[72] LA PAGLIA, ANTHONY, FR
[72] TELUOB, JEAN-MARC, FR
[72] REBOUL, JEAN-MICHEL, FR
[72] EYRAUD, FABRICE, FR
[73] SOLYSTIC, FR
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[25] EN
[54] **PUSH-TO-OPEN / SIGNAL-TO-OPEN APPLIANCE DOOR LATCHING SYSTEM WITH AN INTEGRATED LOCKING DEVICE**
[54] **SYSTEME DE VERROU DE PORTE D'APPAREIL ELECTROMENAGER A POUSSEE POUR OUVRIR/SIGNAL POUR OUVRIR COMPORTANT UN DISPOSITIF DE VERROUILLAGE INTEGRE**
[72] DEYOUNG, ROGER L., US
[73] HTI TECHNOLOGY AND INDUSTRIES, INC., US
[86] (3030194)
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[22] 2019-01-16
[30] US (62/618,783) 2018-01-18

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[54] **COMPOSITIONS COMPRISING BACTERIAL STRAINS**
[54] **COMPOSITIONS COMPRENANT DES SOUCHES BACTERIENNES**
[72] CROUZET, LAUREEN, FR
[72] HABOUZIT, CHLOE, FR
[72] BERNALIER-DONADILLE, ANNICK, FR
[73] 4D PHARMA PLC, GB
[85] 2019-01-11
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[30] GB (1612190.7) 2016-07-13
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[54] **PART STOPPING/PASSING UNIT, AND THREAD FASTENING DEVICE**
[54] **MODULE DE BLOCAGE/PASSAGE DE PIECE, ET DISPOSITIF DE FIXATION DE FIL**
[72] AOYAMA, SHOJI, JP
[72] AOYAMA, YOSHITAKA, JP
[73] AOYAMA, SHOJI, JP
[85] 2019-01-18
[86] 2017-04-28 (PCT/JP2017/016896)
[87] (WO2018/016152)
[30] JP (2017-046705) 2017-02-22
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[51] **Int.Cl. F16K 1/42 (2006.01) F16J 15/18 (2006.01) F16K 1/46 (2006.01)**
[25] EN
[54] **SHUTOFF SEAL FOR HIGH TEMPERATURE PRESSURE BALANCE VALVE AND RELATED METHODS**
[54] **JOINT DE FERMETURE POUR VANNE D'EQUILIBRAGE DE PRESSION A HAUTE TEMPERATURE ET PROCEDES ASSOCIES**
[72] WINKEL, LAREN J., US
[73] FLOWSERVE MANAGEMENT COMPANY, US
[85] 2019-01-23
[86] 2017-07-27 (PCT/US2017/044231)
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[54] **COLD FUSION CONCRETE**
[54] **BETON DE FUSION A FROID**
[72] ZUBROD, RODNEY, US
[72] GERHARDT, MARK, US
[73] GEOPOLYMER SOLUTIONS LLC, US
[85] 2019-01-29
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[25] EN
[54] **LARGE PAYLOAD UNMANNED AERIAL VEHICLE**
[54] **AERONEF SANS PILOTE A GRANDE CHARGE UTILE**
[72] CLARKE, DANIEL JOHN, CA
[72] CLARKE, JASON PETER, CA
[73] FT HOLDINGS INC., CA
[85] 2019-03-07
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[54] **AMBULATORY AID**
[54] **AIDE AMBULATOIRE**
[72] SWERDLOW, LINDA SMITH, US
[73] ALIGNED AS DESIGNED, LLC, US
[85] 2019-03-14
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[54] **MEDICAL GOWN WITH EASY TIE STRAP**
[54] **BLOUSE MEDICALE COMPORTANT UNE BANDE DE FIXATION FACILE**
[72] LEVINE, IAN, CA
[73] LEVINE, IAN, CA
[86] (3040220)
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[54] **INFRARED HOCKEY PUCK AND GOAL DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION DE RONDELLE DE HOCKEY INFRAROUGE ET DE BUTS**
[72] KOUNELLAS, JAMILLA, US
[72] SOSSO, PETER, US
[72] TOMLINSON, PAUL, US
[73] KOUNELLAS, JAMILLA, US
[86] (3040405)
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[25] EN
[54] **SHELVING RACK HAVING BOTTOM SUPPORT PANEL WITH MOVEABLE DIVIDERS**
[54] **SUPPORT D'ETAGERE COMPORTANT UN PANNEAU DE SUPPORT DE FOND A DIVISEURS AMOVIBLES**
[72] ONDRASIK, JOHN V., US
[73] THE ONDRASIK FAMILY TRUST DATED 11/3/1999, US
[86] (3043087)
[87] (3043087)
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[25] EN
[54] **METHOD AND APPARATUS FOR THE ELECTROCHEMICAL REDUCTION OF CARBON DIOXIDE**
[54] **PROCEDE ET APPAREIL POUR LA REDUCTION ELECTROCHIMIQUE DU DIOXYDE DE CARBONE**
[72] ZHAI, YUMEI, US
[72] GUAN, SHAN, US
[72] SRIDHAR, NARASI, US
[72] AGARWAL, ARUN, US
[73] DNV GL AS, NO
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[87] (3048786)
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[54] **KNIFE BRUSH FOR A HEADER REEL**
[54] **BROSSE DE COUTEAU DESTINEE A UN RABATTEUR DE BEC CUEILLEUR**
[72] DIETRICH, DAVE, CA
[73] 101288550 SASKATCHEWAN LTD., CA
[86] (3051641)
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[54] **HARDWARE TRUSTED DATA COMMUNICATIONS OVER SYSTEM-ON-CHIP (SOC) ARCHITECTURES**
[54] **COMMUNICATIONS DE DONNEES DE CONFIANCE MATERIELLE DANS DES ARCHITECTURES DE SYSTEME SUR PUCE (SOC)**
[72] MARQUARDT, RONALD R., US
[72] PACZKOWSKI, LYLE WALTER, US
[72] RAJAGOPAL, ARUN, US
[73] SPRINT COMMUNICATIONS COMPANY L.P., US
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[54] **MULTI-NUTRIENT COMPOSITION**
[54] **COMPOSITION A ELEMENTS NUTRITIFS MULTIPLES**
[72] PHILLIPS, STUART, CA
[72] PARISE, GIANNI, CA
[72] HEISZ, JENNIFER, CA
[73] EXERKINE CORPORATION, CA
[85] 2019-08-01
[86] 2018-03-02 (PCT/CA2018/050249)
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[54] **GAMEPLAY RIDE VEHICLE SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE VEHICULE DE MANEGE**
[72] MCCRACKEN, SEAN DAVID, US
[72] MERZ, ERIC LAWRENCE, US
[72] BOYLE, PATRICK DEVIN, US
[72] SCHWARTZ, JUSTIN MICHAEL, US
[72] GERAGHTY, THOMAS MARTIN, US
[73] UNIVERSAL CITY STUDIOS LLC, US
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[86] 2018-03-06 (PCT/US2018/021165)
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[54] **CAPS FOR POWER DISTRIBUTION SYSTEM COMPONENTS**
[54] **CHAPEAUX POUR COMPOSANTS DE SYSTEME DE DISTRIBUTION D'ENERGIE**
[72] KHATRI, MOHAMED FAYAZ, US
[72] RAU, AUSTEN WILLIAM, US
[73] HUBBELL INCORPORATED, US
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[54] **SYSTEMS FOR RIDE VEHICLE RESTRAINT**
[54] **SYSTEMES DE MAINTIEN POUR VEHICULE DE MANEGE**
[72] KUBIAK, GERALD CHRISTOPHER, US
[72] COATNEY, JAMES JEFFREY, US
[73] UNIVERSAL CITY STUDIOS LLC, US
[85] 2019-11-12
[86] 2018-05-21 (PCT/US2018/033748)
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[54] **SOUS-VETEMENT FEMININ**
[72] HIRAKUBO, AKIYO, JP
[73] GOLD FLAG LTD., JP
[85] 2019-11-14
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[25] EN
[54] **MORPHOLINIUM-BASED QUATERNARY AMMONIUM CATION AND AEI TYPE ZEOLITE MADE THEREWITH**
[54] **CATION D'AMMONIUM QUATERNAIRE A BASE DE MORPHOLINIUM ET ZEOLITE DE TYPE AEI PREPAREE A L'AIDE DE CELUI-CI**
[72] MOULTON, ROGER, US
[72] LITTLE, CHARLES B., US
[73] SACHEM, INC., US
[85] 2019-11-27
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[54] **CONTROL METHOD AND CONTROL DEVICE FOR ELECTRIC VEHICLE**
[54] **PROCEDE DE COMMANDE POUR VEHICULE ELECTRIQUE, ET DISPOSITIF DE COMMANDE**
[72] SAWADA, AKIRA, JP
[72] ITOU, KEN, JP
[72] FUJIWARA, KENGO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2019-11-29
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[54] **BLOWER-ATTACHED PRODUCT APPLICATOR, AND METHOD FOR DISPENSING A PRODUCT INTO A MOVING AIRSTREAM**
[54] **APPLICATEUR DE PRODUIT FIXE A UNE SOUFFLANTE, ET PROCEDE DE DISTRIBUTION DE PRODUIT DANS UN FLUX D'AIR EN MOUVEMENT**
[72] OSBORNE, JOSEPH D., US
[73] OSBORNE, JOSEPH D., US
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[54] **NOZZLE CAP MULTI-BAND ANTENNA ASSEMBLY**
[54] **ENSEMBLE ANTENNE MULTIBANDE POUR CAPUCHON DE BUSE**
[72] ORTIZ, JORGE ISAAC, US
[72] DUNN, DAVID JAMES CARLOS, US
[72] LI, YANLONG, US
[72] FAUNCE, JESSE ALVIN, US
[73] MUELLER INTERNATIONAL, LLC, US
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[54] **FISH FARM MADE OF A RIGID MATERIAL**
[54] **INSTALLATION DE PISCICULTURE CONSTITUEE D'UN MATERIAU RIGIDE**
[72] VALUM, ROLF SVERRE, NO
[72] HAUG, ATLE KIELLAND, NO
[72] HAREID, KARE OLAVSON, NO
[73] BEMLOTEK AS, NO
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[54] **SHOCK WAVE BALLOON CATHETER WITH MULTIPLE SHOCK WAVE SOURCES**
[54] **CATHETER A BALLONNET A ONDE DE CHOC AVEC DES SOURCES D'ONDE DE CHOC MULTIPLES**
[72] ADAMS, JOHN M., US
[72] GOFF, THOMAS G., US
[72] HAKALA, DOUG, US
[73] SHOCKWAVE MEDICAL, INC., US
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[54] **SYNERGIC DRUG COMBINATION OF THE ACTIVE ENANTIOMER (S)-KETOROLAC AND GABAPENTIN FOR THE TREATMENT OF NEUROPATHIC PAIN**
[54] **COMBINAISON MEDICAMENTEUSE SYNERGIQUE DE L'ENANTIOMERE ACTIF (S)-KETOROLAC ET DE GABAPENTINE POUR LE TRAITEMENT DE LA DOULEUR NEUROPATHIQUE**
[72] GARCIA ARMENTA, PATRICIA DEL CARMEN, MX
[73] AMEZCUA AMEZCUA, FEDERICO, MX
[73] AMEZCUA AMEZCUA, CARLOS, MX
[85] 2020-04-17
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[54] **DATA CONVERSION AND DISTRIBUTION SYSTEMS**
[54] **CONVERSION DES DONNEES ET SYSTEME DE DISTRIBUTION**
[72] HADDAD, ROBERT NAJA, US
[73] INTERACTIVE DATA PRICING AND REFERENCE DATA LLC, US
[86] (3081254)
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[25] EN
[54] **GRIPPING APPARATUS FOR HANDHELD DEVICES**
[54] **APPAREIL DE PREHENSION POUR DISPOSITIFS PORTABLES**
[72] HABER, SHIMON, US
[72] CASTELLI, JOSEPH, US
[72] LEVINE, LAWRENCE T., US
[72] ELHARAR, NOAM, US
[73] TZUMI ELECTRONICS LLC, US
[85] 2020-07-10
[86] 2019-01-11 (PCT/US2019/013211)
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[30] US (62/616,772) 2018-01-12
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[54] **SYSTEME INFORMATEUR DE LOCALISATION D'URGENCE**
[72] WOODFORD, PETER, CA
[73] ELI TECHNOLOGY INC., CA
[85] 2020-07-17
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[54] **A DEVICE FOR LOCKING A SPARK-IGNITION ENGINE**
[54] **DISPOSITIF DE VERROUILLAGE DE MOTEUR A ALLUMAGE COMMANDE**
[72] CRAMER, JESSIE, CA
[71] CRAMER, JESSIE, CA
[22] 2019-04-18
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[25] EN
[54] **PEPTIDE-BASED NON-PROTEINACEOUS CARGO DELIVERY**
[54] **DISTRIBUTION DE CHARGES NON PROTEIQUES A BASE DE PEPTIDES**
[72] GUAY, DAVID, CA
[72] DEL'GUIDICE, THOMAS, CA
[72] LEPETIT-STOFFAES, JEAN-PASCAL, CA
[72] BARBEAU, XAVIER, CA
[72] MESSIER, NANCY, CA
[71] FELDAN BIO INC., CA
[22] 2019-04-18
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[25] EN
[54] **MONITORING OF RESIDUAL METALS IN PARAFFINIC FROTH TREATMENT OPERATIONS AND PROCESS CONTROL**
[54] **SURVEILLANCE DE METAUX RESIDUELS DANS DES OPERATIONS DE TRAITEMENT DES MOUSSES PARAFFINIQUES ET COMMANDE DE PROCESSUS**
[72] YANG, XIAOLI, CA
[72] VAN DER MERWE, SHAWN, CA
[71] FORT HILLS ENERGY L.P., CA
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[54] **SHEAR WALL PANEL**
[54] **PANNEAU DE MUR DE CONTREVENTEMENT**
[72] ISHAQ, NICOLA, CA
[71] BAILEY METAL PRODUCTS LIMITED, CA
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[25] EN
[54] **METHOD OF THERMO-RADIATIONAL TREATMENT OF POLYTETRAFLUORETHYLENE (PTFE) AND COMPOSED MATERIALS ON PTFE BASED**
[54] **PROCEDE DE TRAITEMENT THERMO-RADIATIF DE POLYTETRAFLUORETHYLENE (PTFE) ET MATERIAUX DERIVES A BASE DE PTFE**
[72] ZHUKOV, SERGEY V., CA
[71] ZHUKOV, SERGEY V., CA
[22] 2019-04-18
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[51] **Int.Cl. G09F 19/12 (2006.01) G09F 17/00 (2006.01)**
[25] EN
[54] **DISPLAY ASSEMBLY**
[54] **BLOC DE VISUALISATION**
[72] RICHARDSON, RONALD D., CA
[71] RICHARDSON, RONALD D., CA
[22] 2019-04-23
[41] 2020-10-23

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[21] **3,040,758**
[13] A1
[51] **Int.Cl. G05B 15/02 (2006.01) H04W 4/33 (2018.01) H02J 13/00 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **RECEPTACLE LOAD CONTROL DEVICE WITH WIFI & SOFTWARE CONNECTIVITY**
[54] **DISPOSITIF DE COMMANDE DE CHARGE DE RECEPTACLE AVEC CONNECTIVITE AU MOYEN D'UN LOGICIEL OU DU WI-FI**
[72] LUCENTE, JOHN P., CA
[71] LUCENTE, JOHN P., CA
[22] 2019-04-23
[41] 2020-10-23

[21] **3,040,762**
[13] A1
[51] **Int.Cl. A01K 63/04 (2006.01) A01K 61/10 (2017.01) A01K 61/60 (2017.01)**
[25] EN
[54] **METHOD OF INCREASING OXYGEN LEVELS IN AQUACULTURE**
[54] **PROCEDE D`AUGMENTATION DES TENEURS EN OXYGENE EN AQUACULTURE**
[72] MATEI, JIM, CA
[72] LEE, BENJAMIN D., CA
[72] GARDNER, CHRISTOPHER W., US
[71] AOE ACCUMULATED OCEAN ENERGY INC., CA
[22] 2019-04-18
[41] 2020-10-18

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[21] **3,040,777**
[13] A1
[51] **Int.Cl. C02F 1/28 (2006.01) C02F 1/00 (2006.01) C02F 9/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TREATING WATER**
[54] **PROCEDE ET SYSTEME POUR TRAITER L'EAU**
[72] GRECA FILHO, DANTE, BR
[72] STEUERNAGEL FILHO, AIRES, BR
[72] JAMUR, FELIPE, BR
[72] NOGACZ, NILSON, CA
[71] ARKAN PARTICIPACOES S.A., BR
[22] 2019-04-23
[41] 2020-10-23

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[21] **3,040,784**
[13] A1
[51] **Int.Cl. A61K 36/06 (2006.01) A23L 31/00 (2016.01) A23L 33/10 (2016.01) A61K 8/9728 (2017.01)**
[25] FR
[54] **INTEGRATION OF EXTRACTIONS OF BIOACTIVE PRINCIPLES OF MUSHROOMS INTO FOOD, COSMETIC OR PHARMACEUTICAL PRODUCTS**
[54] **INTEGRATION A DES PRODUITS ALIMENTAIRES, COSMETIQUE OU PHARMACEUTIQUE D'EXTRACTIONS DE PRINCIPES BIOACTIFS DE CHAMPIGNONS**
[72] RENAUD-GRIGNON, GEOFFROY, CA
[71] MYCELIUM REMEDIUM MYCOTECHOLOGIES, CA
[22] 2019-04-23
[41] 2020-10-23

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[21] **3,040,891**
[13] A1
[51] **Int.Cl. F16B 33/02 (2006.01) F16B 25/04 (2006.01)**
[25] EN
[54] **SCREW STRUCTURE**
[54] **STRUCTURE DE VIS**
[72] HSIAO, LI-CHING, CN
[71] INTEGRAL BUILDING PRODUCTS INCORPORATION, CN
[22] 2019-04-23
[41] 2020-10-23

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[21] **3,040,937**
[13] A1
[51] **Int.Cl. G07F 19/00 (2006.01) G06F 3/048 (2013.01)**
[25] EN
[54] **AUTOMATED TELLER DEVICE HAVING ACCESSIBILITY CONFIGURATIONS**
[54] **GUICHET AUTOMATIQUE BANCAIRE AYANT DES CONFIGURATIONS D`ACCESSIBILITE**
[72] GERVAIS, STEVEN, CA
[72] DURNING, SARA, CA
[72] BUCHANAN, AMANDA, CA
[72] PARK, NA-HYUN SOPHIE, CA
[72] HAMILTON, GREGORY JAMES, CA
[72] FLORENDO, MIGUEL MARTIN C., CA
[72] FERNANDES, GARY JOSEPH, CA
[72] MARKOV, NIKOLAY TZANKOV, CA
[72] LENNON, BRIDGET, CA
[72] RODZEN, TRISTAN, CA
[72] GRIMMER, JAMES, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-04-24
[41] 2020-10-24

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[21] **3,040,939**
[13] A1
[51] **Int.Cl. G09F 9/30 (2006.01) G02B 3/08 (2006.01) G02B 26/00 (2006.01) G02C 7/00 (2006.01) G06F 3/147 (2006.01) H02N 2/00 (2006.01)**
[25] EN
[54] **LIGHT FIELD DISPLAY AND VIBRATING LIGHT FIELD SHAPING LAYER THEREFOR, AND ADJUSTED PIXEL RENDERING METHOD THEREFOR, AND VISION CORRECTION SYSTEM AND METHOD USING SAME**
[54] **AFFICHEUR DE CHAMP LUMINEUX ET COUCHE DE FORMATION DE CHAMP LUMINEUX A VIBRATIONS POUR CELUI-CI, PROCEDE DE RENDU DE PIXELS ADAPTE CONNEXE, ET SYSTEME ET PROCEDE DE CORRECTION DE LA VISION UTILISANT CE PROCEDE**
[72] MIHALI, RAUL, US
[71] EVOLUTION OPTIKS LIMITED, BB
[22] 2019-04-23
[41] 2020-10-23

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[21] **3,040,940**
[13] A1
[51] **Int.Cl. H01H 71/00 (2006.01) H01H 83/20 (2006.01) H01R 4/66 (2006.01) H01R 13/713 (2006.01) H01R 25/16 (2006.01) H02B 1/04 (2006.01)**
[25] EN
[54] **FAULT DETECTION AND CIRCUIT INTERRUPTER DEVICES AND SYSTEMS**
[54] **DISPOSITIFS ET SYSTEMES DE DETECTION DE DEFAILLANCE ET D`INTERRUPTEUR DE CIRCUIT**
[72] ERIKSEN, JOHN, CA
[72] RATHI, GHANSHYAM, CA
[72] FORTIN, BENOIT, CA
[72] PARDO, RENE, CA
[71] BRAINWAVE RESEARCH CORPORATION, CA
[22] 2019-04-24
[41] 2020-10-24

[21] **3,040,944**
[13] A1
[51] **Int.Cl. A61G 12/00 (2006.01) A47D 13/02 (2006.01) A47D 15/00 (2006.01) A61B 5/00 (2006.01) A61F 5/44 (2006.01) A61G 11/00 (2006.01) A61H 31/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **INFANT CARE APPARATUS AND SYSTEM**
[54] **APPAREIL ET SYSTEME DE SOINS POUR NOURRISSONS**
[72] FERNANDES, GLENN, IN
[72] PARIKH, SARITA, IN
[71] FERNANDES, GLENN, IN
[71] PARIKH, SARITA, IN
[22] 2019-04-24
[41] 2020-10-24

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[21] **3,040,945**
[13] A1
[51] **Int.Cl. A45F 5/00 (2006.01) B25H 3/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR PREVENTING HAND TOOLS FROM DROPPING ON THE FLOOR**
[54] **SYSTEME POUR EMPECHER DES OUTILS A MAIN DE TOMBER SUR LE SOL**
[72] GOTTFREDSEN, JEFFREY, CA
[71] GOTTFREDSEN, JEFFREY, CA
[22] 2019-04-24
[41] 2020-10-23
[30] US (16392393) 2019-04-23

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[21] **3,040,946**
[13] A1
[51] **Int.Cl. B27B 31/06 (2006.01) B27B 25/00 (2006.01) B65C 3/00 (2006.01) G09F 19/18 (2006.01)**
[25] EN
[54] **WOOD LABELING SYSTEM AND METHOD FOR LABELING WOOD PRODUCTS IN A PRODUCTION LINE**
[54] **SYSTEME D'ETIQUETAGE DU BOIS ET PROCEDE D`ETIQUETAGE DE PRODUITS DU BOIS DANS UNE CHAINE DE PRODUCTION**
[72] VOYER, MARC, CA
[72] PAQUET, MARC-ANTOINE, CA
[71] VAB SOLUTIONS INC., CA
[22] 2019-04-23
[41] 2020-10-23

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[21] **3,040,952**
[13] A1
[51] **Int.Cl. G09F 9/30 (2006.01) G02C 7/00 (2006.01) G06F 3/147 (2006.01) G09G 5/28 (2006.01)**
[25] EN
[54] **SELECTIVE LIGHT FIELD DISPLAY, PIXEL RENDERING METHOD THEREFOR, AND VISION CORRECTION SYSTEM AND METHOD USING SAME**
[54] **AFFICHEUR DE CHAMP LUMINEUX SELECTIF, PROCEDE DE RENDU DE PIXELS CONNEXE, ET SYSTEME ET PROCEDE DE CORRECTION DE LA VISION**
[72] MIHALI, RAUL, US
[72] MERIZZI, ANDRE MICHEL DANIEL, CA
[72] JOLY, JEAN-FRANCOIS, CA
[71] EVOLUTION OPTIKS LIMITED, BB
[22] 2019-04-23
[41] 2020-10-23

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[13] A1
[51] **Int.Cl. A01C 7/04 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SINGULATING METER**
[54] **METRE MONO REGLEUR**
[72] CROOYMANS, BRENNAN, CA
[72] JAGOW, SCOT, CA
[72] HANTKE, GLENN, CA
[71] BOURGAULT INDUSTRIES LTD., CA
[22] 2019-04-23
[41] 2020-10-23

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[13] A1
[51] **Int.Cl. H04W 74/08 (2009.01) H04W 84/18 (2009.01) H04W 4/38 (2018.01) H04R 1/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SELF-FORMATION AND SELF-MANAGEMENT OF FULL-DUPLEX COMMUNICATION NETWORKS**
[54] **SYSTEMES ET PROCEDES D`AUTOFORMATION ET D`AUTOGESTION DE RESEAUX DE COMMUNICATION DUPLEX**
[72] GOSSIAUX, JASON, US
[72] CHAPUT, JAMES, US
[72] ROBERTS, JAMES P., US
[71] PINNACLE PEAK HOLDING CORPORATION D/B/A SETCOM CO, US
[22] 2019-04-24
[41] 2020-10-22
[30] US (16/390,900) 2019-04-22

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[13] A1
[51] **Int.Cl. B01J 35/00 (2006.01) A61L 9/012 (2006.01) B01J 21/00 (2006.01)**
[25] EN
[54] **LEUNG'S GAUZE FOR TREATMENT OF VOCS AND FORMALDEHYDE CONTAMINATIONS**
[54] **GAZE DE LEUNG POUR LE TRAITEMENT DE COMPOSES ORGANIQUES VOLATILS (COV) ET CONTAMINATIONS PAR LE FORMALDEHYDE**
[72] LEUNG, DAVID WAI-YIN D. L., CA
[71] LEUNG, DAVID WAI-YIN D. L., CA
[22] 2019-04-23
[41] 2020-10-23

[21] **3,040,965**
[13] A1
[51] **Int.Cl. G01R 31/62 (2020.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR LOCATING A FAULT IN A PLURALITY OF WINDINGS OF A TRANSFORMER**
[54] **APPAREIL ET PROCEDE POUR LOCALISER UN DEFAUT DANS UNE PLURALITE D'ENROULEMENTS D'UN TRANSFORMATEUR**
[72] HA, HENGXU, GB
[72] MA, XIUDA, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[22] 2019-04-23
[41] 2020-10-23

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[21] **3,040,995**
[13] A1
[51] **Int.Cl. B60T 11/16 (2006.01)**
[25] EN
[54] **MASTER BRAKE CYLINDER**
[54] **MAITRE-CYLINDRE DE FREIN**
[72] SIEGRIST, ERIC, CA
[71] SIEGRIST, ERIC, CA
[22] 2019-04-24
[41] 2020-10-24

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[21] **3,041,017**
[13] A1
[51] **Int.Cl. B29C 64/209 (2017.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01) B29C 64/106 (2017.01)**
[25] FR
[54] **EXTRUDER HEAD FOR ADDITIVE MANUFACTURING, SYSTEM AND PROCESS FOR ADDITIVE MANUFACTURING**
[54] **TETE D'EXTRUSION POUR FABRICATION ADDITIVE, SYSTEME ET PROCEDE DE FABRICATION ADDITIVE**
[72] LAFRANCE, THIERRY, CA
[72] THERRIAULT, DANIEL, CA
[72] BAZIN, BENOIT, FR
[72] PICCIRELLI, NICOLA, FR
[72] TRUDEAU LALONDE, FRANCIS, CA
[71] SAFRAN, FR
[22] 2019-04-23
[41] 2020-10-23

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[21] **3,041,143**
[13] A1
[51] **Int.Cl. H02J 7/02 (2016.01) B60L 53/18 (2019.01) H02M 7/04 (2006.01)**
[25] EN
[54] **POWER CABLE DEVICE**
[54] **DISPOSITIF DE CABLE D'ALIMENTATION**
[72] NAGY, MATTHEW, CA
[71] NAGY, MATTHEW, CA
[22] 2019-04-25
[41] 2020-10-24
[30] US (16392929) 2019-04-24

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[21] **3,041,227**
[13] A1
[51] **Int.Cl. G01N 35/00 (2006.01) G06F 16/953 (2019.01) G01N 33/52 (2006.01) G01N 33/53 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **AUTOMATED REMOTELY INSTRUCTED DRIVING OF AN ASSAY**
[54] **EXECUTION D'ESSAI AUTOMATISEE COMMANDEE A DISTANCE**
[72] LINBECK, LEO, III, US
[72] CHATTERJEE, DEV, US
[72] HEFFERNAN, MICHAEL JOHN, US
[72] VARADHACHARY, ATUL, US
[71] FANNIN PARTNERS LLC, US
[22] 2019-04-24
[41] 2020-10-24

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[21] **3,042,665**
[13] A1
[51] **Int.Cl. B63H 5/15 (2006.01) B63H 1/28 (2006.01) B63H 20/00 (2006.01)**
[25] EN
[54] **BOAT PROPELLER**
[54] **HELICE DE BATEAU**
[72] LIN, YEUN-JUNN, CN
[71] SOLAS SCIENCE & ENGINEERING CO., LTD., CN
[22] 2019-05-08
[41] 2020-10-18
[30] TW (108113633) 2019-04-18

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[13] A1
[51] **Int.Cl. G21F 9/36 (2006.01) G21F 5/06 (2006.01) G21F 5/12 (2006.01) G21F 5/14 (2006.01)**
[25] EN
[54] **NUCLEAR FUEL DEBRIS CONTAINER WITH PERFORATED COLUMNIZING INSERT**
[54] **RECIPIENT A DECHETS DE COMBUSTIBLE NUCLEAIRE AVEC INSERT DE MISE EN COLONNES PERFORE**
[72] CARVER, GEORGE C., US
[71] NAC INTERNATIONAL INC., US
[22] 2019-05-08
[41] 2020-10-24
[30] US (16/392,667) 2019-04-24

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[21] **3,044,316**
[13] A1
[51] **Int.Cl. B63B 21/54 (2006.01) B63B 21/04 (2006.01)**
[25] EN
[54] **DEPLOYABLE BOAT HOOK**
[54] **GAFFE DEPLOYABLE**
[72] MARTIN, ROY W., US
[71] MARTIN, ROY W., US
[22] 2019-05-27
[41] 2020-10-18
[30] US (16/388,383) 2019-04-18

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[21] **3,045,359**
[13] A1
[51] **Int.Cl. F16L 25/10 (2006.01) F16L 37/02 (2006.01) F16J 15/02 (2006.01)**
[25] EN
[54] **FITTINGS FOR JOINING LENGTHS OF PIPE BY A PRESS-FIT CONNECTION AND PIPE ASSEMBLY FORMED USING SAME**
[54] **ACCESSOIRES DE TUYAUTERIE POUR JOINDRE DES ELEMENTS DE TUYAU PAR UN RACCORD A AJUSTEMENT SERRE ET TUYAUTERIE FORMEE A L'AIDE DE CEUX-CI**
[72] GRIGGS, ROBERT L., US
[72] BAKER, ANTHONY LEE, US
[72] GRIGGS, ANDREW JOSEPH, US
[72] LAMARTINA, DANIEL JUDE, US
[72] VAN CAMP, JOHN W., US
[71] TRINITY PRODUCTS, LLC, US
[22] 2019-06-07
[41] 2020-10-19
[30] US (62/836,566) 2019-04-19

[21] **3,050,290**
[13] A1
[51] **Int.Cl. A01G 7/00 (2006.01) A01G 9/00 (2018.01) A01G 9/24 (2006.01)**
[25] EN
[54] **PLANT CULTIVATING APPARATUS**
[54] **DISPOSITIF POUR LA CULTURE DES PLANTES**
[72] HE, ZHIYI, CN
[71] HE, ZHIYI, CN
[22] 2019-07-19
[41] 2020-10-22
[30] CN (201910321642.4) 2019-04-22

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[21] **3,050,658**
[13] A1
[51] **Int.Cl. A61L 27/22 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **GRAFT FOR REPAIRING ARTICULAR CARTILAGE DEFECTS AND METHOD FOR THE SAME**
[54] **GREFFON PERMETTANT LA REPARATION DE LESIONS DU CARTILAGE ARTICULAIRE ET SON PROCEDE**
[72] ZHANG, CHANGQING, CN
[72] DU, DAJJIANG, CN
[71] SHANGHAI SIXTH PEOPLE'S HOSPITAL, CN
[22] 2019-07-26
[41] 2020-10-23
[30] CN (201910330808.9) 2019-04-23

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[21] **3,053,694**
[13] A1
[51] **Int.Cl. G06Q 40/00 (2012.01)**
[25] EN
[54] **SYSTEM FOR TAX TRACKING OF BLENDED GOODS AND RELATED METHODS**
[54] **SYSTEME DE SUIVI DES TAXES DE MARCHANDISES TRANSFORMEES ET PROCEDES ASSOCIES**
[72] ZOMOK, ROBERT, US
[72] BAYS, KENNETH, US
[72] ROGERS, BRIAN, US
[71] INMAR, INC., US
[22] 2019-08-30
[41] 2020-10-23
[30] US (16/392,033) 2019-04-23

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[21] **3,056,306**
[13] A1
[51] **Int.Cl. G05D 1/02 (2020.01) B60W 40/02 (2006.01) B62D 63/02 (2006.01)**
[25] EN
[54] **SELF-DRIVING-GOLF-CART DRIVING PATH CENTRAL CONTROLLING DEVICE**
[54] **DISPOSITIF DE CONTROLEUR CENTRAL DE LA VOIE DE CONDUITE DE VOITURETTE DE GOLF AUTOCONDUITE**
[72] HSU, TIEN-YA, CN
[72] JHANG, YOU-PENG, CN
[72] HSIEH, YU-YUAN, CN
[72] HUANG, YU-JUN, CN
[71] SUNRISE RESORT, INC., CN
[22] 2019-09-23
[41] 2020-10-24
[30] TW (108114223) 2019-04-24

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[21] **3,059,707**
[13] A1
[51] **Int.Cl. E04H 17/20 (2006.01) B65G 57/00 (2006.01) E01F 15/10 (2006.01) E01H 15/00 (2006.01)**
[25] EN
[54] **GUARD RAIL SYSTEM AND COMPONENTS**
[54] **SYSTEME DE GARDE-CORPS ET COMPOSANTS**
[72] HENDERSON, SCOTT, CA
[72] DOCHSTADER, DEREK, CA
[72] DI BIASE, JOSEPH, CA
[71] BUILDERGEAR CORPORATION, CA
[22] 2019-10-23
[41] 2020-10-23
[30] US (29/688,666) 2019-04-23
[30] CA (184271) 2019-04-23

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[21] **3,061,999**
[13] A1
[51] **Int.Cl. A47G 29/02 (2006.01) A47B 96/06 (2006.01)**
[25] EN
[54] **RAIL PROFILE WITH ATTACHMENT MECHANISM AND RELATED METHODS**
[54] **PROFIL DE RAIL AVEC MECANISME DE FIXATION ET METHODES CONNEXES**
[72] SCHLUTER, WERNER, DE
[71] SCHLUTER SYSTEMS (CANADA), INC., CA
[22] 2019-11-18
[41] 2020-10-24
[30] DE (20 2019 102 305.8) 2019-04-24
[30] DE (20 2019 102 754.1) 2019-05-16

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[21] **3,062,492**
[13] A1
[51] **Int.Cl. A01K 5/00 (2006.01)**
[25] EN
[54] **A LIVESTOCK FEEDING DEVICE**
[54] **DISPOSITIF D'ALIMENTATION DU BETAIL**
[72] BULMER, MATTHEW, CA
[71] BULMER, MATTHEW, CA
[22] 2019-11-25
[41] 2020-10-22
[30] US (62/836,826) 2019-04-22

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[21] **3,062,696**
[13] A1
[51] **Int.Cl. G02B 27/18 (2006.01) B64D 45/00 (2006.01) B64D 47/08 (2006.01) H01S 3/042 (2006.01) H01S 5/40 (2006.01)**
[25] EN
[54] **ARRAY OF INDEPENDENTLY-CONTROLLABLE LASER DIODE BARS FOR SCANNING A LINEAR ILLUMINATION PATTERN**
[54] **RESEAU DE BARRETTES DE DIODES LASER A COMMANDE INDEPENDANTE POUR BALAYER UN MOTIF D'ECLAIRAGE LINEAIRE**
[72] RAMTHUN, KENT ALLAN, US
[72] ZHANG, WEIBIN, US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2019-11-25
[41] 2020-10-19
[30] US (16/389,391) 2019-04-19

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[21] **3,063,269**
[13] A1
[51] **Int.Cl. B64C 25/00 (2006.01) F16L 3/01 (2006.01)**
[25] EN
[54] **INTEGRAL BRACKET MANIFOLD FOR LANDING GEAR ASSEMBLIES**
[54] **EQUERRE DE COLLETEUR INTEGRE POUR ATTERRISSEURS**
[72] BAIRD, BRADLEY WILLIAM, CA
[72] MISTRY, HIRAN S., CA
[71] GOODRICH CORPORATION, US
[22] 2019-11-28
[41] 2020-10-23
[30] US (16/392,136) 2019-04-23

[21] **3,063,873**
[13] A1
[51] **Int.Cl. B64D 47/06 (2006.01) F21S 43/00 (2018.01)**
[25] EN
[54] **AIRCRAFT BEACON LIGHT AND AIRFCRAFT COMPRISING AN AIRCRAFT BEACON LIGHT**
[54] **BALISE D`AERONEF ET AERONEF COMPRENANT UNE BALISE D`AERONEF**
[72] HESSLING-VON HEIMENDAHL, ANDRE, DE
[72] JHA, ANIL KUMAR, DE
[72] KLEIN, FRANK, DE
[71] GOODRICH LIGHTING SYSTEMS GMBH, DE
[22] 2019-12-04
[41] 2020-10-18
[30] EP (19170233.1) 2019-04-18

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[13] A1
[51] **Int.Cl. B32B 7/12 (2006.01) B32B 9/00 (2006.01) B32B 21/14 (2006.01) B32B 37/12 (2006.01)**
[25] EN
[54] **CARBON FIBER DECORATIVE VENEER**
[54] **PLACAGE DECORATIF EN FIBRE DE CARBONE**
[72] CHAPMAN, CHRISTOPHER L., US
[72] BARNETT, BRIAN, US
[71] GOODRICH CORPORATION, US
[22] 2019-12-04
[41] 2020-10-19
[30] US (16/389,244) 2019-04-19

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[21] **3,064,075**
[13] A1
[51] **Int.Cl. F15B 20/00 (2006.01) F16J 15/3296 (2016.01) B64C 13/40 (2006.01) F15B 15/20 (2006.01) F15B 19/00 (2006.01) G01M 3/26 (2006.01) G01M 3/28 (2006.01)**
[25] EN
[54] **LEAK DETECTION**
[54] **DETECTION DE FUITES**
[72] BREWER, PAUL, GB
[72] RAVAL, REG, GB
[71] CLAVERHAM LIMITED, GB
[22] 2019-12-05
[41] 2020-10-21
[30] EP (19275058.6) 2019-04-21

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[21] **3,064,096**
[13] A1
[51] **Int.Cl. B32B 3/02 (2006.01) A47B 96/20 (2006.01) B32B 3/12 (2006.01) B64D 11/00 (2006.01)**
[25] EN
[54] **EDGE DAMAGE TOLERANT HEATED AND UNHEATED COMPOSITE PANELS WITH ROTATED HONEYCOMB EDGE PIECES**
[54] **PANNEAUX COMPOSITES CHAUFFES ET NON CHAUFFES MUNIS DE PROFILES TOLERANTS AUX DOMMAGES COMPORTANT DES PROFILES PERIPHERIQUES EN NID D'ABEILLES ROTATIFS**
[72] HEIN, BRANDON, US
[71] GOODRICH CORPORATION, US
[22] 2019-12-05
[41] 2020-10-19
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[13] A1
[51] **Int.Cl. B64C 3/18 (2006.01) B64C 3/26 (2006.01) B64D 15/12 (2006.01)**
[25] EN
[54] **BONDED STRUCTURAL RIB FOR HEATED AIRCRAFT LEADING EDGE**
[54] **NERVURE STRUCTURELLE COLLEE POUR BORD D'ATTAQUE CHAUFFE D'AERONEF**
[72] DIDYK, MARK JAMES, US
[72] MULLEN, JAMES A., US
[72] HU, JIN, US
[72] BOTURA, GALDEMIR CEZAR, US
[72] SLANE, CASEY, US
[71] GOODRICH CORPORATION, US
[22] 2019-12-06
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[51] **Int.Cl. F16H 25/20 (2006.01)**
[25] EN
[54] **LUBRICATION SYSTEM FOR BALLSCREW ACTUATOR**
[54] **CIRCUIT DE LUBRIFICATION POUR ACTIONNEUR A VIS A BILLES**
[72] DAVIES, STEPHEN, GB
[71] GOODRICH ACTUATION SYSTEMS LIMITED, GB
[22] 2019-12-11
[41] 2020-10-18
[30] EP (19275057.8) 2019-04-18

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[51] **Int.Cl. A61K 47/10 (2017.01) A61K 9/28 (2006.01) A61K 31/05 (2006.01) A61K 31/192 (2006.01) A61K 31/352 (2006.01) A61K 36/185 (2006.01)**
[25] EN
[54] **FAST DISINTEGRATING CANNABINOID TABLETS**
[54] **COMPRIME DE CANNABINOIDE A DESINTEGRATION RAPIDE**
[72] BRUUN, HEIDI ZIEGLER, DK
[72] BOESEN, DORTHE SCHACKINGER, DK
[72] NIELSEN, BRUNO PROVSTGAARD, DK
[71] MEDCAN PHARMA A/S, DK
[22] 2019-12-13
[41] 2020-10-19

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[13] A1
[51] **Int.Cl. G01D 5/48 (2006.01) G01K 13/02 (2006.01) G01P 5/24 (2006.01) G01P 13/02 (2006.01)**
[25] EN
[54] **ACOUSTIC AIR DATA SYSTEMS**
[54] **SYSTEMES DE DONNEES D'AIR ACOUSTIQUE**
[72] SLY, JAIME, US
[72] SHANNON, DANIEL W., US
[72] MATHEIS, BRIAN DANIEL, US
[72] ELL, TODD A., US
[72] KUNIK, WILLIAM, US
[72] KOUSHIK, SUDARSHAN N., US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2019-12-12
[41] 2020-10-22
[30] US (16/391,192) 2019-04-22

[21] **3,065,211**
[13] A1
[51] **Int.Cl. G01N 30/46 (2006.01) G01N 33/28 (2006.01) G01N 30/68 (2006.01)**
[25] EN
[54] **A NOVEL MULTIDIMENSIONAL GAS CHROMATOGRAPHIC SYSTEM FOR THE COMPOSITIONAL ANALYSIS OF PRESSURIZED FLUIDS WITH PROVISION FOR AN INTEGRATED SINGLE STAGE FLASH APPARATUS**
[54] **NOUVEAU SYSTEME CHROMATOGRAPHIQUE MULTIDIMENSIONNEL EN PHASE GAZEUSE POUR ANALYSER LA COMPOSITION DE FLUIDES PRESSURISES ASSORTI D'UN APPAREIL D'ECLAIR INTEGRE MONO-ETAGE**
[72] KRIEL, WAYNE A., US
[71] KRIEL, WAYNE A., US
[22] 2019-12-15
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[30] US (62/837,384) 2019-04-23

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[51] **Int.Cl. B29C 53/40 (2006.01)**
[25] EN
[54] **COMPOSITE LUG WITH ENHANCED PERFORMANCE**
[54] **PAROIS COMPOSITES A PERFORMANCE AMELIOREE**
[72] GURVICH, MARK R., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2019-12-13
[41] 2020-10-23
[30] US (16/392,261) 2019-04-23

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[51] **Int.Cl. F16H 3/04 (2006.01) B64C 13/34 (2006.01) B64C 13/50 (2006.01) F16H 9/00 (2006.01) F16H 35/00 (2006.01)**
[25] EN
[54] **INVERTED COMPOUND HARMONIC DRIVE**
[54] **REDUCTEUR A PLANETAIRE A COMPOSE INVERSE**
[72] BALSIGER, DERICK S., US
[72] BLOXHAM, KEITH, US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2019-12-13
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[30] US (16/388,603) 2019-04-18

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[25] EN
[54] **SUBLINGUAL OR BUCCAL ADMINISTRATION OF MELATONIN AND/OR VALERIAN**
[54] **ADMINISTRATION SUBLINGUALE OU BUCCALE DE MELATONINE ET/OU DE VALERIANE**
[72] FARBER, MICHAEL, US
[71] SMARTEK INTERNATIONAL INC., US
[22] 2019-12-23
[41] 2020-10-19
[30] US (16389005) 2019-04-19

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[51] **Int.Cl. B63B 21/54 (2006.01) B63B 21/04 (2006.01)**
[25] EN
[54] **DEPLOYABLE BOAT HOOK**
[54] **GAFFE DEPLOYABLE**
[72] MARTIN, ROY W., US
[71] MARTIN, ROY W., US
[22] 2020-01-09
[41] 2020-10-18
[30] US (16/388,383) 2019-04-18
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[13] A1
[51] **Int.Cl. E02D 31/10 (2006.01) E02D 29/16 (2006.01) E02D 31/02 (2006.01)**
[25] EN
[54] **WATERSTOP WITH DYNAMIC-SEALING HYDROPHILIC THERMOPLASTIC EXPANSIBLE SOFT FLANGES**
[54] **ARRET D'EAU AVEC BRIDES SOUPLES EXPANSIBLES THERMOPLASTIQUES HYDROPHILES A ETANCHEITE DYNAMIQUE**
[72] MCNAMARA, BERNARD, CA
[71] MCNAMARA, BERNARD, CA
[22] 2020-01-14
[41] 2020-10-19
[30] US (62/836,117) 2019-04-19

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[51] **Int.Cl. G08G 5/04 (2006.01) G01S 7/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR HANDLING TERRAIN IN DETECT AND AVOID**
[54] **SYSTEME ET PROCEDE DE MANIABILITE SUR TERRAIN POUR DETECTER ET EVITER**
[72] ESTKOWSKI, REGINA INEZ, US
[71] THE BOEING COMPANY, US
[22] 2020-01-22
[41] 2020-10-18
[30] US (16/387741) 2019-04-18

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[51] **Int.Cl. B64D 31/00 (2006.01) F02C 6/02 (2006.01) F02C 6/08 (2006.01)**
[25] EN
[54] **HEALTH MONITOR FOR AIR SWITCHING SYSTEM**
[54] **CONTROLEUR D`ETAT DES SYSTEMES POUR SYSTEME DE COMMUTATION D`AIR**
[72] SMITH, MICHAEL PAUL, CA
[72] MOKHTAR, HYTHAM, CA
[72] ARNONE, DANIEL, CA
[72] MANOUKIAN, PATRICK, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-02-18
[41] 2020-10-18
[30] US (62/835,806) 2019-04-18
[30] US (16/591,857) 2019-10-03

[21] **3,073,417**
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[51] **Int.Cl. F01D 5/14 (2006.01) B64C 11/02 (2006.01) B64D 15/04 (2006.01) F01D 5/18 (2006.01) F01D 25/02 (2006.01)**
[25] EN
[54] **FAN BLADE ICE PROTECTION USING HOT AIR**
[54] **AILETTE DE SOUFFLANTE PROTECTION GIVRAGE A AIR CHAUD**
[72] SIDOROVICH PARADISO, IVAN, CA
[72] ALECU, DANIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-02-21
[41] 2020-10-18
[30] US (62/835,618) 2019-04-18

[21] **3,074,900**
[13] A1
[51] **Int.Cl. F02P 5/145 (2006.01) F02B 63/04 (2006.01) F02P 3/02 (2006.01) F02P 3/04 (2006.01)**
[25] EN
[54] **ELECTRONIC IGNITION SYSTEM FOR A GENERATOR ENGINE**
[54] **SYSTEME D'ALLUMAGE ELECTRONIQUE POUR MOTEUR DE GENERATRICE**
[72] SARDER, MARK J., US
[72] DOPKE, RUSSELL J., US
[72] SATO, HIROAKI, US
[72] JENISON, LEIGH A., US
[72] KASTNER, MARK A., US
[71] CHAMPION ENGINE TECHNOLOGY, LLC, US
[22] 2020-03-06
[41] 2020-10-19
[30] US (16/389,094) 2019-04-19

[21] **3,075,241**
[13] A1
[51] **Int.Cl. B64C 19/00 (2006.01)**
[25] EN
[54] **ENHANCED AUTOBRAKE SELECTION INTERFACE**
[54] **INTERFACE AMELIOREE DE SELECTION DE FREINAGE AUTOMATIQUE**
[72] VERHAEGHE, ANNA K., US
[72] YAMAMOTO, DAVID T., US
[71] THE BOEING COMPANY, US
[22] 2020-03-11
[41] 2020-10-18
[30] US (16/388806) 2019-04-18

[21] **3,076,342**
[13] A1
[51] **Int.Cl. G01B 21/24 (2006.01) B60S 5/00 (2006.01) B64D 45/00 (2006.01) B64F 5/00 (2017.01) G01S 7/497 (2006.01)**
[25] EN
[54] **ALIGNING SENSORS ON VEHICLES USING SENSOR OUTPUT**
[54] **ALIGNEMENT DES CAPTEURS SUR LES VEHICULES AU MOYEN DES SORTIES DES CAPTEURS**
[72] CALLAHAN, KEVIN S., US
[72] EVANS, NICK S., US
[72] MUIR, ERIC R., US
[71] THE BOEING COMPANY, US
[22] 2020-03-19
[41] 2020-10-24
[30] US (16/393,376) 2019-04-24
[30] US (16/393,388) 2019-04-24

[21] **3,076,658**
[13] A1
[51] **Int.Cl. F23N 5/24 (2006.01) F23D 14/82 (2006.01) F24D 5/02 (2006.01) F24D 19/10 (2006.01) F24H 9/20 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR VENTED ROLLOUT SWITCH**
[54] **PROCEDE ET SYSTEME POUR COMMUTATEUR DE DEPLOIEMENT A EVENT**
[72] JOYNER, GEORGE LEE, JR., US
[72] MOODY, RANDALL, US
[72] BUTLER, JEFF, US
[71] ALLIED AIR ENTERPRISES INC., US
[22] 2020-03-23
[41] 2020-10-19
[30] US (16/389,017) 2019-04-19

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[13] A1
[51] **Int.Cl. B29C 64/205 (2017.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01) B33Y 40/00 (2020.01) B29C 64/141 (2017.01)**
[25] EN
[54] **TOOL HEAD ASSEMBLY FOR SOLID STATE ADDITIVE MANUFACTURING**
[54] **ENSEMBLE TETE PORTE-OUTIL POUR FABRICATION ADDITIVE A L'ETAT SOLIDE**
[72] VERMA, RAVI, US
[71] THE BOEING COMPANY, US
[22] 2020-03-25
[41] 2020-10-22
[30] US (16/391065) 2019-04-22

[21] **3,077,129**
[13] A1
[51] **Int.Cl. F16K 31/00 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **CONTROL SYSTEMS FOR VALVE ACTUATORS, VALVE ACTUATORS AND RELATED SYSTEMS AND METHODS**
[54] **SYSTEMES DE COMMANDE POUR ACTIONNEURS DE SOUPAPE, ACTIONNEURS DE SOUPAPE ET SYSTEMES ET PROCEDES ASSOCIES**
[72] OLLANDER, MARK D., US
[72] CARLSON, DANIEL E., US
[72] RUMORE, MICHAEL A., US
[71] FLOWSERVE MANAGEMENT COMPANY, US
[22] 2020-03-27
[41] 2020-10-18
[30] US (16/388,656) 2019-04-18

[21] **3,077,438**
[13] A1
[51] **Int.Cl. G01D 18/00 (2006.01) B64D 45/04 (2006.01) B64D 47/00 (2006.01) B64F 5/00 (2017.01) F16M 13/00 (2006.01) G01D 11/16 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR ALIGNING A REMOVABLE SENSOR ON A VEHICLE**
[54] **PROCEDE, SYSTEME ET APPAREIL POUR ALIGNER UN CAPTEUR DEMONTABLE SUR UN VEHICULE**
[72] CALLAHAN, KEVIN S., US
[72] EVANS, NICK S., US
[72] MUIR, ERIC R., US
[71] THE BOEING COMPANY, US
[22] 2020-03-30
[41] 2020-10-24
[30] US (16/393,388) 2019-04-24
[30] US (16/393,376) 2019-04-24

[21] **3,077,831**
[13] A1
[51] **Int.Cl. E04H 4/04 (2006.01)**
[25] EN
[54] **SYSTEM FOR FORMING SWIMMING POOL RADIUS SUPPORTS**
[54] **SYSTEME DE FORMATION DE SUPPORTS EN FONCTION DU DIAMETRE DE LA PISCINE**
[72] NELSON, LAURENCE A., US
[71] HYDRA POOLS, INC., US
[22] 2020-04-02
[41] 2020-10-22
[30] US (16/390148) 2019-04-22

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[13] A1
[51] **Int.Cl. G01S 5/00 (2006.01) H04W 4/44 (2018.01) G01S 5/02 (2010.01) G08G 1/09 (2006.01) G08G 1/0968 (2006.01) H04B 7/24 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR LOCALIZING A MOVABLE OBJECT**
[54] **PROCEDE ET SYSTEME DE LOCALISATION D'OBJET MOBILE**
[72] HLADIK, REINHARD, AT
[72] SCHIEFER, MARTIN, AT
[72] SCHROER, GUIDO, DE
[71] SIEMENS MOBILITY GMBH, DE
[22] 2020-04-06
[41] 2020-10-19
[30] EP (19170367.7) 2019-04-19

[21] **3,077,951**
[13] A1
[51] **Int.Cl. B01J 4/02 (2006.01) B01D 35/02 (2006.01) B01D 61/14 (2006.01)**
[25] EN
[54] **APPARATUS FOR INTRODUCING AN AGENT INTO A LIQUID OR GAS AT A CONTROLLED RATE**
[54] **APPAREIL SERVANT A INTRODUIRE UN AGENT DANS UN LIQUIDE OU UN GAZ A UNE VITESSE CONTROLEE**
[72] BUTLER, ERNIE, CA
[71] NORTHERN WATER CLEANERS, CA
[22] 2020-04-15
[41] 2020-10-18
[30] US (62/835,851) 2019-04-18

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[13] A1
[51] **Int.Cl. A24F 40/57 (2020.01) A24F 40/10 (2020.01) A24F 40/46 (2020.01) A24F 40/50 (2020.01)**
[25] EN
[54] **ELECTRONIC VAPORIZER WITH AUTOMATED THERMAL PROFILE CONTROL**
[54] **VAPORISATEUR ELECTRONIQUE A CONTROLE DE PROFIL THERMIQUE AUTOMATISE**
[72] DOYLE, JOSEPH GORDON, US
[72] FATHOLLAHI, ANDY, US
[72] GORDON, ALEXANDER WAYNE, US
[72] DOYLE, THOMAS, US
[71] THE KANVAS COMPANY INC., US
[22] 2020-04-17
[41] 2020-10-19
[30] US (16/389,851) 2019-04-19
[30] US (62/956,151) 2019-12-31
[30] US (16/849,890) 2020-04-15

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[13] A1
[51] **Int.Cl. B65B 63/04 (2006.01) A61B 17/06 (2006.01) B65B 17/00 (2006.01) B65H 54/22 (2006.01) B65H 54/68 (2006.01) B65H 55/00 (2006.01)**
[25] EN
[54] **WINDING HEAD FOR SURGICAL SUTURE MATERIAL**
[54] **TETE D`ENROULEMENT POUR MATERIEL POUR SUTURE CHIRURGICALE**
[72] NEFF, INGMAR, DE
[71] HARRO HOFLIGER VERPACKUNGSMASCHINEN GMBH, DE
[22] 2020-04-13
[41] 2020-10-18
[30] EP (19170163.0) 2019-04-18

[21] **3,077,988**
[13] A1
[51] **Int.Cl. F16P 1/00 (2006.01)**
[25] EN
[54] **TELESCOPIC SHAFT SHIELDING WITH QUICK CONNECT ASSEMBLY**
[54] **GAINE POUR ARBRE TELESCOPIQUE DOTE D`UN ENSEMBLE DE RACCORDEMENT RAPIDE**
[72] RAMIREZ, JAVIER JOSE PEREZ, US
[72] ROHLFING, THOMAS, US
[72] MCCUNN, GREGORY S., US
[71] DEERE & COMPANY, US
[22] 2020-04-15
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[13] A1
[51] **Int.Cl. B65D 30/02 (2006.01) B65D 33/00 (2006.01)**
[25] EN
[54] **WATERPROOF PAPER BAG AND METHOD OF MAKING SAME**
[54] **SAC EN PAPIER IMPERMEABLE ET SON PROCEDE DE FABRICATION**
[72] MACDONALD, KRISTI, CA
[71] ENVIROLUV INC., CA
[22] 2020-04-23
[41] 2020-10-23
[30] US (62/837,681) 2019-04-23

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[51] **Int.Cl. A63C 3/10 (2006.01) B24B 3/00 (2006.01)**
[25] EN
[54] **HANDHELD SKATE BLADE SHARPENER**
[54] **AIGUISEUR DE LAME DE PATIN PORTATIF**
[72] DOWNEN, DANIEL RAY, US
[71] MAINTAIN YOUR EDGE, LLC, US
[22] 2020-04-23
[41] 2020-10-23
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[13] A1
[51] **Int.Cl. B01D 53/86 (2006.01) B01D 53/46 (2006.01)**
[25] EN
[54] **OXYGEN REDUCTION SYSTEM WITH A UNIVERSALLY COMPATIBLE FRONT-END FOR COUPLING WITH VARIOUS DIFFERENT GAS SOURCES**
[54] **SYSTEME DE REDUCTION DE LA TENEUR EN OXYGENE AVEC EXTREMITE FRONTALE UNIVERSELLEMENT COMPATIBLE POUR LE COUPLAGE AVEC DIVERSES SOURCES DE GAZ**
[72] MUELLER, HANS PETER, US
[72] ANDURI, ERIK MYHREN, US
[72] JOHANTGES, IAN MATTHEW, US
[71] ECOVAPOR RECOVERY SYSTEMS LLC, US
[22] 2020-04-23
[41] 2020-10-23
[30] US (62/837,726) 2019-04-23

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[13] A1
[51] **Int.Cl. E04D 13/064 (2006.01)**
[25] EN
[54] **GUTTER INSERT**
[54] **INSERTION POUR GOUTTIERE**
[72] BALDASSI, JAMES, CA
[71] BALDASSI, JAMES, CA
[22] 2020-04-13
[41] 2020-10-24
[30] US (62/837,790) 2019-04-24

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[13] A1
[51] **Int.Cl. F16J 15/56 (2006.01)**
[25] EN
[54] **ANNULAR SEALING ASSEMBLY**
[54] **ENSEMBLE D`ETANCHEITE ANNULAIRE**
[72] CHALK, DAVID JONATHAN, US
[72] HUPP, GREGORY PETER, US
[72] WILLIAMS, DOUGLAS R., US
[72] GRIMM, LANCE MICHAEL, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2020-04-14
[41] 2020-10-18
[30] US (16/387,711) 2019-04-18

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[13] A1
[51] **Int.Cl. G08G 1/00 (2006.01) B60W 60/00 (2020.01) G08G 1/0968 (2006.01)**
[25] FR
[54] **PROCESS FOR AUTOMATED OPERATION OF VEHICLES, COMPUTER PROGRAM AND ASSOCIATED SYSTEMS**
[54] **PROCEDE D'ASSISTANCE A LA CONDUITE DE VEHICULES, PROGRAMME D'ORDINATEUR ET SYSTEME ASSOCIES**
[72] KARAOGUZ, CEM, FR
[71] TRANSDEV GROUP, FR
[22] 2020-04-14
[41] 2020-10-18
[30] FR (FR 19 04167) 2019-04-18

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[13] A1
[51] **Int.Cl. E21B 47/01 (2012.01) E21B 47/013 (2012.01) E21B 47/092 (2012.01) E21B 45/00 (2006.01) E21B 47/09 (2012.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DETERMINING POSITION OF DRILLING TOOL DURING DRILLING**
[54] **APPAREIL ET PROCEDE DE DETERMINATION DE LA POSITION D`UN OUTIL DE FORAGE PENDANT LE FORAGE**
[72] PIISPANEN, JUHA, FI
[72] LEINO, TIMO, FI
[72] LAUNIS, SIRPA, FI
[72] JUSSILA, HENNA, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
[22] 2020-04-14
[41] 2020-10-18
[30] EP (19170185.3) 2019-04-18

[21] **3,078,043**
[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 47/09 (2012.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DETERMINING POSITION OF DRILLING TOOL DURING DRILLING**
[54] **APPAREIL ET PROCEDE DE DETERMINATION DE LA POSITION D`UN OUTIL DE FORAGE PENDANT LE FORAGE**
[72] PIISPANEN, JUHA, FI
[72] LEINO, TIMO, FI
[72] LAUNIS, SIRPA, FI
[72] JUSSILA, HENNA, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
[22] 2020-04-14
[41] 2020-10-18
[30] EP (19170203.4) 2019-04-18

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[13] A1
[51] **Int.Cl. F41A 35/00 (2006.01) A45F 3/14 (2006.01)**
[25] EN
[54] **ANTI-TANGLE SLING RETAINING DEVICE FOR USE IN STORAGE OF LONG GUNS**
[54] **DISPOSITIF DE RETENUE DE BRETELLE ANTI-EMMELEMENT A UTILISER DANS L'ENTREPOSAGE D'ARMES D'EPAULE**
[72] KARA, BOB B., CA
[71] KARA, BOB B., CA
[22] 2020-04-23
[41] 2020-10-23
[30] US (62/837,528) 2019-04-23

[21] **3,078,086**
[13] A1
[51] **Int.Cl. B65D 53/00 (2006.01)**
[25] EN
[54] **SEGMENTED SEAL PUZZLE JOINT SEAL**
[54] **JOINT D`ETANCHEITE SEGMENTE DE JOINTS-PUZZLE**
[72] PHAM, LINH T., US
[71] PARKER-HANNIFIN CORPORATION, US
[22] 2020-04-17
[41] 2020-10-23
[30] US (62/837,350) 2019-04-23

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[13] A1
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[54] **MOTOR ASSEMBLIES FOR ARCHITECTURAL COVERINGS**
[54] **ENSEMBLES MOTEURS POUR REVETEMENTS ARCHITECTURAUX**
[72] ANTHONY, JAMES M., US
[72] DANN, KEVIN M., US
[72] HUBER, DANIEL A., US
[72] BRAYFORD, PAUL A., US
[72] LORENZ, DOUGLAS J., US
[72] KOLOZS, JAMES, US
[72] HOLT, RONALD, US
[72] NELSON, TODD, US
[72] YENZER, SHELBY JARED, US
[72] COOPER, CHARLES CULVER GIDDEN, US
[72] ZAGONE, PETER, US
[72] WISECUP, STEPHEN T., US
[72] PRUEGNER, JAN, US
[72] WITT, ROBERT, US
[72] SCHIERZ, JOERG, US
[71] HUNTER DOUGLAS INC., US
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[51] **Int.Cl. H04L 12/723 (2013.01)**
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[54] **SERVICE PROCESSING METHOD AND NETWORK DEVICE**
[54] **PROCEDE POUR IMPUTATION DES COMMANDES ET PERIPHERIQUE RESEAU**
[72] GUO, ZUN, CN
[72] TIAN, XIANGYUAN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[22] 2020-04-17
[41] 2020-10-19
[30] CN (201910320133.X) 2019-04-19

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[51] **Int.Cl. B66C 13/18 (2006.01) B66C 23/36 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR CONTROLLING A CRANE ASSEMBLY, METHOD FOR CONTROLLING A CRANE ASSEMBLY AND WORKING VEHICLE**
[54] **SYSTEME DE COMMANDE D'UN ENSEMBLE-GRUE, PROCEDE DE COMMANDE D'UN ENSEMBLE-GRUE ET VEHICULE DE TRAVAIL**
[72] PALMROTH, MIKKO, DE
[72] PAAKKUNAINEN, MARKO, DE
[71] DEERE & COMPANY, US
[22] 2020-04-17
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[30] EP (19170268.7) 2019-04-18

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[51] **Int.Cl. H04W 52/28 (2009.01) H04W 84/10 (2009.01) H04W 76/25 (2018.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR WIRELESS COMMUNICATION**
[54] **PROCEDES ET SYSTEMES DE COMMUNICATION SANS FIL**
[72] ONG, IVAN, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2020-04-17
[41] 2020-10-18
[30] US (16/388,611) 2019-04-18

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[51] **Int.Cl. H01P 1/17 (2006.01)**
[25] EN
[54] **BROADBAND POLARIZING SCREEN WITH ONE OR MORE RADIOFREQUENCY POLARIZING CELLS**
[54] **ECRAN POLARISANT A LARGE BANDE DOTE D'UNE OU DE PLUSIEURS CELLULES DE POLARISATION PAR RADIOFREQUENCE**
[72] LEGAY, HERVE, FR
[72] MOLERO JIMENEZ, CARLOS, FR
[72] GARCIA VIGUERAS, MARIA, FR
[71] THALES, FR
[71] INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE RENNES, FR
[22] 2020-04-17
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[51] **Int.Cl. E04B 1/24 (2006.01) E04B 1/00 (2006.01) E04B 2/58 (2006.01)**
[25] EN
[54] **SHEAR WALL PANEL**
[54] **PANNEAU DE MUR DE CONTREVENTEMENT**
[72] ISHAQ, NICOLA, CA
[71] BAILEY METAL PRODUCTS LIMITED, CA
[22] 2020-04-20
[41] 2020-10-18
[30] CA (3,040,657) 2019-04-18

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[51] **Int.Cl. A01G 9/20 (2006.01) A01H 6/28 (2018.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR GROWING A CANNABIS PLANT**
[54] **PROCEDE ET APPAREIL POUR CULTIVER UNE PLANTE DE CANNABIS**
[72] GLOVER, CRAIG, CA
[71] GLOVER, CRAIG, CA
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[30] US (62/837,766) 2019-04-24

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[51] **Int.Cl. B61D 3/16 (2006.01) B61D 17/04 (2006.01)**
[25] EN
[54] **RAILCAR FOR TRANSPORT OF STEEL COILS WITH REMOVABLE BI-LEVEL ROOF**
[54] **WAGON POUR LE TRANSPORT DE BOBINES D`ACIER AVEC TOIT A DEUX NIVEAUX AMOVIBLE**
[72] SANDHEINRICH, GLENN A., US
[72] DOBSCH, JUSTIN, US
[71] THE GREENBRIER COMPANIES, INC., US
[22] 2020-04-14
[41] 2020-10-18
[30] US (16/846,570) 2020-04-13
[30] US (62/836,024) 2019-04-18
[30] US (62/905,088) 2019-09-24

[21] **3,078,203**
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[51] **Int.Cl. B21D 28/02 (2006.01) B21D 22/02 (2006.01) B21D 24/14 (2006.01) B21D 28/20 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A FINE BLANKING SYSTEM**
[54] **PROCEDE DE FONCTIONNEMENT D`UN SYSTEME DE DECOUPAGE FIN**
[72] LOZANO BONET, JOSE, DE
[71] LAPMASTER WOLTERS GMBH, DE
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[30] EP (19170099.6) 2019-04-18

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[51] **Int.Cl. B60D 1/58 (2006.01) B60D 1/48 (2006.01) B60K 25/06 (2006.01) B62D 53/04 (2006.01)**
[25] EN
[54] **ATTACHMENT ASSEMBLY FOR AGRICULTURAL IMPLEMENTS**
[54] **ENSEMBLE DE FIXATION POUR MATERIEL AGRICOLE**
[72] THORSELL, ERIK, US
[71] GREAT PLAINS MANUFACTURING, INC., US
[22] 2020-04-17
[41] 2020-10-19
[30] US (62/836,401) 2019-04-19

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[51] **Int.Cl. A23B 7/02 (2006.01) A23L 3/40 (2006.01) F26B 25/18 (2006.01)**
[25] EN
[54] **VEGETATION DRYING TRAY AND RACK SYSTEM**
[54] **PLATEAU DE SECHAGE DE CULTURE VEGETALE ET SYSTEME DE GRILLES**
[72] ROBERTS, CAREY ALAN, US
[72] REPPERT, DAVID A., US
[72] OLSON, JEFFREY C., US
[72] KILGALLON, JAMES LEO, US
[72] ROMANTIC, TIMOTHY WILLIAM, US
[71] INTERMETRO INDUSTRIES CORPORATION, US
[22] 2020-04-20
[41] 2020-10-23
[30] US (62/837,257) 2019-04-23
[30] US (62/860,063) 2019-06-11
[30] US (16/848,070) 2020-04-14

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[51] **Int.Cl. F41B 5/14 (2006.01) F41B 5/10 (2006.01)**
[25] EN
[54] **COMPOUND BOW PERFORMANCE MODULE**
[54] **MODULE DE PERFORMANCE D`ARC A POULIES**
[72] BUSHMAN, JEROD C., US
[71] JCB ENGINEERED SOLUTIONS LLC, US
[22] 2020-04-16
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[30] US (62/836427) 2019-04-19
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[51] **Int.Cl. C12Q 1/689 (2018.01) C12N 15/115 (2010.01) C12Q 1/6804 (2018.01) G01N 33/53 (2006.01) G01N 33/569 (2006.01) G01N 15/10 (2006.01)**
[25] EN
[54] **APTAMERS BINDING TO LEGIONELLA PNEUMOPHILA**
[54] **APTAMERES SE LIANT A LA LEGIONELLA PNEUMOPHILA**
[72] FAUCHER, SEBASTIEN, CA
[72] SAAD, MARIAM, CA
[72] TABRIZIAN, MARYAM, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
[22] 2020-04-16
[41] 2020-10-18
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[51] **Int.Cl. A01D 47/00 (2006.01) A01B 63/32 (2006.01) A01D 41/06 (2006.01)**
[25] EN
[54] **CONTROLLED HEADER LOWERING ON AN AGRICULTURAL HARVESTER**
[54] **ABAISSEMENT CONTROLE DE L`ORGANE DE COUPE SUR UNE MOISSONNEUSE AGRICOLE**
[72] BRIMEYER, ALEX, US
[72] RENNER, DAVID E., US
[72] VERHOEF, TODD M., US
[71] DEERE & COMPANY, US
[22] 2020-04-22
[41] 2020-10-23
[30] US (16/392,082) 2019-04-23

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[51] **Int.Cl. A01D 41/06 (2006.01) A01D 47/00 (2006.01)**
[25] EN
[54] **DAMPED FLOAT RESPONSE ON AN AGRICULTURAL HARVESTER**
[54] **REPONSE DE FLOTTEUR AMORTIE SUR UNE MOISSONNEUSE AGRICOLE**
[72] BRIMEYER, ALEX, US
[72] RENNER, DAVID E., US
[72] SINGH, PRAVEEN KUMAR, IN
[72] VERHOEF, TODD M., US
[71] DEERE & COMPANY, US
[22] 2020-04-21
[41] 2020-10-23
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[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **FORECASTING SYSTEM**
[54] **SYSTEME DE PREVISION**
[72] HODGES, TIMOTHY RYAN, US
[72] SPENCER, CHRISTOPHER WADE, US
[71] WALMART APOLLO, LLC, US
[22] 2020-04-21
[41] 2020-10-22
[30] US (62/836,787) 2019-04-22

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[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **FORECASTING SYSTEM**
[54] **SYSTEME DE PREVISION**
[72] HODGES, TIMOTHY RYAN, US
[72] SPENCER, CHRISTOPHER WADE, US
[71] WALMART APOLLO, LLC, US
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[41] 2020-10-22
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[21] **3,078,886**
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[51] **Int.Cl. G01R 31/66 (2020.01) G01R 35/00 (2006.01)**
[25] EN
[54] **ABSENCE OF VOLTAGE DETECTION DEVICE**
[54] **INDICATEUR DE DISPARITION DE TENSION**
[72] BALID, WALID, US
[72] BOLOURI-SARANSAR, MASUD, US
[71] PANDUIT CORP., US
[22] 2020-04-21
[41] 2020-10-22
[30] US (62/836,931) 2019-04-22
[30] US (16/847,903) 2020-04-14

[21] **3,078,924**
[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01) G06Q 50/06 (2012.01)**
[25] EN
[54] **ADAPTIVE MULTIYEAR ECONOMIC PLANNING FOR ENERGY SYSTEMS, MICROGRID AND DISTRIBUTED ENERGY RESOURCES**
[54] **PLANIFICATION ECONOMIQUE PLURIANNUELLE ADAPTATIVE POUR SYSTEMES ENERGETIQUES, MINIRESEAUX ET DES RESSOURCES ENERGETIQUES DISTRIBUEES**
[72] PECENAK, ZACK, US
[72] STADLER, MICHAEL, US
[71] XENDEE CORPORATION, US
[22] 2020-04-21
[41] 2020-10-22
[30] US (62/837012) 2019-04-22

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[13] A1
[51] **Int.Cl. A61M 5/31 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OPERATING A PLUNGER**
[54] **PROCEDE ET SYSTEME DE FONCTIONNEMENT D'UN PISTON**
[72] KEATING, VIRGINIA SOURIS, US
[71] KELLIDA INC., US
[22] 2020-04-21
[41] 2020-10-23
[30] US (16/392,458) 2019-04-23

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[51] **Int.Cl. A01N 1/02 (2006.01) B65D 81/02 (2006.01) B65D 81/38 (2006.01) F25D 3/00 (2006.01) F25D 3/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD TO IMPROVE VIABILITY AND INTEGRITY OF CRYOPRESERVED CELLS AND TISSUES CONTAINED IN CRYOGENIC FREEZING BAGS DURING STORAGE AND SHIPPING**
[54] **APPAREIL ET PROCEDE POUR AMELIORER LA VIABILITE ET L'INTEGRITE DE CELLULES ET DE TISSUS CRYOCONSERVES CONTENUS DANS DES SACS DE SURGELATION CRYOGENIQUE PENDANT LE STOCKAGE ET L'EXPEDITION**
[72] LEARY, JACK, US
[72] MACEY, CORY, US
[71] FORGE, LLC, US
[22] 2020-04-20
[41] 2020-10-22
[30] US (62/836,828) 2019-04-22

[21] **3,079,072**
[13] A1
[51] **Int.Cl. B66D 1/38 (2006.01) B63B 21/04 (2006.01) B63B 21/66 (2006.01) B65H 57/10 (2006.01) B65H 57/24 (2006.01) B65H 75/34 (2006.01) B66D 1/60 (2006.01)**
[25] EN
[54] **CABLE STORAGE AND HANDLING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE STOCKAGE ET DE MANIPULATION DE CABLES**
[72] SHARPE, TERRY, CA
[72] MILLETT, BOB, CA
[72] KNOWLES, GRAHAM, CA
[71] ROLLS-ROYCE CANADA LIMITED, CA
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[51] **Int.Cl. A61F 2/30 (2006.01) A61F 2/02 (2006.01) A61F 2/28 (2006.01) A61C 8/00 (2006.01)**
[25] EN
[54] **METHODS OF FORMING IMPLANTS WITH POROUS SURFACES USING HEAT BONDING**
[54] **PROCEDES DE FORMATION D`IMPLANTS INCORPORANT DES SURFACES POREUSES A L`AIDE D`UNE LIAISON THERMIQUE**
[72] JURICK, JOSEPH W., US
[72] STALCUP, GREGORY C., US
[71] SMED-TA/TD, LLC, US
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[13] A1
[51] **Int.Cl. B23K 26/24 (2014.01) B23K 26/324 (2014.01) B23K 26/08 (2014.01)**
[25] EN
[54] **SYSTEM AND METHOD OF USING LASERS TO SEAL AN EDGE OF A COVERING OF AN ARCHITECTURAL-STRUCTURE COVERING**
[54] **SYSTEME ET PROCEDE D'UTILISATION DE LASERS POUR SCELLER LE BORD D'UN REVETEMENT D'UN REVETEMENT DE STRUCTURE ARCHITECTURALE**
[72] LYNCH, DAVID, US
[72] WISECUP, STEPHEN T., US
[72] FOLEY, PATRICK, US
[72] RAYMAN, WAYNE, US
[71] HUNTER DOUGLAS INC., US
[22] 2020-04-22
[41] 2020-10-22
[30] US (62/836,758) 2019-04-22

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[13] A1
[51] **Int.Cl. E04H 17/18 (2006.01) E01F 13/02 (2006.01) E04H 17/26 (2006.01)**
[25] EN
[54] **NONCONDUCTIVE, MODULAR BARRIER ASSEMBLIES AND RELATED METHODS**
[54] **ENSEMBLES BARRIERES MODULAIRES NON CONDUCTRICES ET PROCEDES CONNEXES**
[72] MOORE, DONALD E., US
[71] CBM NONCONDUCTIVE SOLUTIONS LLC, US
[22] 2020-04-22
[41] 2020-10-24
[30] US (62838,007) 2019-04-24
[30] US (62/879,038) 2019-07-26

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[51] **Int.Cl. B65D 85/72 (2006.01) A45C 11/20 (2006.01) A47J 47/02 (2006.01) B65D 43/14 (2006.01)**
[25] EN
[54] **FOOD CONTAINER**
[54] **CONTENANT POUR ALIMENTS**
[72] LANE, MARVIN, US
[72] BOROSKI, DWAYNE, US
[72] ARANDA, FREDDY, US
[71] THERMOS L.L.C., US
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[30] US (62/837,599) 2019-04-23
[30] US (62/877,367) 2019-07-23

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[51] **Int.Cl. H05B 47/10 (2020.01)**
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[54] **DIMMER WITH SNUBBER CONTROL CIRCUIT**
[54] **GRADATEUR AVEC CIRCUIT DE COMMANDE D'AMORTISSEMENT**
[72] ZHONG, KEVIN, CN
[72] LEE, HOON, US
[72] MURAHARI, SAIVARAPRASAD, US
[72] DU, LILY, CN
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2020-04-16
[41] 2020-10-18
[30] US (16/387,855) 2019-04-18

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[13] A1
[51] **Int.Cl. A01D 47/00 (2006.01) A01B 63/00 (2006.01) A01D 41/06 (2006.01)**
[25] EN
[54] **CONTROLLED FLOAT ON AN AGRICULTURAL HARVESTER FOR HEADER LEVELING**
[54] **FLOTTEUR COMMANDE SUR UNE MOISSONNEUSE AGRICOLE POUR LE NIVELLEMENT DE L'ORGANE DE COUPE**
[72] BRIMEYER, ALEX, US
[72] RENNER, DAVID E., US
[72] VANDEVEN, MICHAEL L., US
[72] PIERSON, JOSHUA R., US
[72] VERHOEF, TODD M., US
[71] DEERE & COMPANY, US
[22] 2020-04-22
[41] 2020-10-23
[30] US (16/392,156) 2019-04-23

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[51] **Int.Cl. B60K 8/00 (2006.01) B62M 6/40 (2010.01) A01K 15/00 (2006.01)**
[25] EN
[54] **REVERSE HORSE CART**
[54] **CHARRETTE A TRACTION HIPPOMOBILE A INVERSION**
[72] SMITH, MARK, CA
[71] SMITH, MARK, CA
[22] 2020-04-23
[41] 2020-10-23
[30] US (62/837,233) 2019-04-23

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[13] A1
[51] **Int.Cl. C08J 9/02 (2006.01) C08L 23/12 (2006.01) C08L 97/00 (2006.01)**
[25] EN
[54] **SELF-EXPANDING LIGNOFOAM COMPOSITIONS AND LIGNOFOAMS MADE THEREFROM**
[54] **COMPOSITIONS DE MOUSSE A BASE DE LIGNOCELLULOSE AUTO-EXPANSIBLES ET MOUSSES A BASE DE LIGNOCELLULOSE FABRIQUEES A PARTIR DE CELLES-CI**
[72] CAI, ZHIYONG, US
[72] YAN, QIANGU, US
[72] LI, JINGHAO, US
[71] CAI, ZHIYONG, US
[71] YAN, QIANGU, US
[71] LI, JINGHAO, US
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[41] 2020-10-23
[30] US (16/391424) 2019-04-23

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[13] A1
[51] **Int.Cl. E04B 7/00 (2006.01) E04B 7/20 (2006.01)**
[25] EN
[54] **ROOF DECK**
[54] **PLATELAGE DE TOIT**
[72] RYAN, THOMAS G., US
[71] EPIC METALS CORPORATION, US
[22] 2020-04-22
[41] 2020-10-23
[30] US (62/837,280) 2019-04-23
[30] US (16/853,149) 2020-04-20

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[13] A1
[51] **Int.Cl. F04B 49/20 (2006.01) E21B 47/008 (2012.01) E21B 43/12 (2006.01) F04B 47/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR OPTIMIZING CONTROL OF ARTIFICIAL LIFTING SYSTEMS**
[54] **APPAREIL ET PROCEDES POUR OPTIMISER LA COMMANDE DE SYSTEMES D'ASCENSION ARTIFICIELLE**
[72] MOUSAVI, MEHDI, CA
[71] SSI LIFT CDA, A DIVISION OF TUNDRA PROCESS SOLUTIONS LTD., CA
[22] 2020-04-23
[41] 2020-10-23
[30] US (62/837,530) 2019-04-23

[21] **3,079,339**
[13] A1
[51] **Int.Cl. G01M 17/06 (2006.01)**
[25] EN
[54] **METHOD FOR ESTIMATING AN INDEX REPRESENTATIVE OF THE FRICTIONAL BEHAVIOR OF A VEHICLE ON A ROAD**
[54] **PROCEDE D'ESTIMATION D'UN INDICE REPRESENTATIF DU COMPORTEMENT DE FROTTEMENT D'UN VEHICULE SUR LA ROUTE**
[72] PIRIOU, SIMON, FR
[72] LARUELO, ANDREA, FR
[72] GOURSOLLE, ANAIS, FR
[71] CONTINENTAL AUTOMOTIVE GMBH, DE
[22] 2020-04-23
[41] 2020-10-23
[30] FR (1904265) 2019-04-23

[21] **3,079,431**
[13] A1
[51] **Int.Cl. A61B 5/0476 (2006.01) G16H 50/50 (2018.01) G06F 3/01 (2006.01) G06N 3/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BRAIN MODELLING**
[54] **SYSTEME ET PROCEDE DE MODELISATION DU CERVEAU**
[72] AIMONE, CHRISTOPHER, CA
[72] MOFFAT, GRAEME, CA
[72] JACOB BANVILLE, HUBERT, CA
[72] PADMANABAN, SUBASH, CA
[72] KERR, SAM, CA
[72] RAVI, ARAVIND, CA
[72] WOOD, SEAN, CA
[71] INTERAXON INC., CA
[22] 2020-04-24
[41] 2020-10-24
[30] US (62/838,208) 2019-04-24

[21] **3,079,435**
[13] A1
[51] **Int.Cl. E05F 15/78 (2015.01)**
[25] EN
[54] **REMOTE MONITORING AND CONTROL OF MOVEABLE BARRIER IN JACKSHAFT DOOR OPERATOR SYSTEM**
[54] **SURVEILLANCE ET COMMANDE A DISTANCE D`UNE BARRIERE MOBILE DANS UN SYSTEME D`OPERATEUR DE PORTE A ARBRE INTERMEDIAIRE**
[72] IKELER, TIM, US
[72] KRUPKE, LEROY G., US
[72] BUESCHER, BRENT, US
[72] RAUSCHER, BRENT A., US
[72] MATIAS, GREGORY D., US
[72] DRAGOMIER, MICHAEL, US
[72] THOMAS, ROBERT E., US
[72] PUNCHAK, DANIEL, US
[72] MERWIN, ROBERT, US
[72] CHRANE, JERRY BRIAN, US
[71] GMI HOLDINGS, INC., US
[22] 2020-04-23
[41] 2020-10-24
[30] US (62/838,052) 2019-04-24
[30] US (16/855,482) 2020-04-22

[21] **3,079,476**
[13] A1
[51] **Int.Cl. E05F 15/77 (2015.01)**
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[87] (WO2019/229332)
[30] FR (1854534) 2018-05-28

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[13] A1
[51] **Int.Cl. D21B 1/30 (2006.01) D21H 11/18 (2006.01)**
[25] EN
[54] **DEVICE AND PROCESS FOR THE PRODUCTION OF NANOCELLULOSE**
[54] **DISPOSITIF ET PROCEDE DE FABRICATION DE NANOCELLULOSE**
[72] JAROLIM, MICHAEL, AT
[71] JAROLIM FASERTECHNIK GMBH, AT
[85] 2020-10-01
[86] 2019-05-08 (PCT/EP2019/061776)
[87] (WO2020/015884)
[30] AT (A 50627/2018) 2018-07-18

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[51] **Int.Cl. A61K 31/27 (2006.01) A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 9/127 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **BAMBUTEROL FOR THE TREATMENT OF ALZHEIMER'S DISEASE**
[54] **BAMBUTEROL POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER**
[72] ROCHAIS, CHRISTOPHE, FR
[72] DALLEMAGNE, PATRICK, FR
[72] GROO, ANNE-CLAIRE, FR
[72] MALZERT-FREON, AURELIE, FR
[71] UNIVERSITE DE CAEN NORMANDIE, FR
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[87] (WO2019/202400)
[30] US (62/658,631) 2018-04-17

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[13] A1
[51] **Int.Cl. C07K 5/068 (2006.01) C07K 5/087 (2006.01) C07K 5/11 (2006.01)**
[25] EN
[54] **CRYSTALLINE DIPEPTIDES USEFUL IN THE SYNTHESIS OF ELAMIPRETIDE**
[54] **DIPEPTIDES CRISTALLINS UTILES DANS LA SYNTHESE D'ELAMIPRETIDE**
[72] DUNCAN, SCOTT M., US
[72] REDMON, MARTIN P., US
[71] STEALTH BIOTHERAPEUTICS CORP., MC
[85] 2020-10-01
[86] 2019-03-28 (PCT/US2019/024617)
[87] (WO2019/195080)
[30] US (62/651,430) 2018-04-02

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[51] **Int.Cl. B05B 12/00 (2018.01) B05B 1/16 (2006.01)**
[25] EN
[54] **DISCHARGE MODIFIER FOR PRESSURIZED VESSELS**
[54] **MODIFICATEUR D'EVACUATION POUR CUVES SOUS PRESSION**
[72] STODDART, DARREN WADE, US
[71] BEHR PROCESS CORPORATION, US
[85] 2020-10-01
[86] 2019-03-29 (PCT/US2019/024800)
[87] (WO2019/209459)
[30] US (62/661,837) 2018-04-24

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[13] A1
[51] **Int.Cl. A61K 31/7076 (2006.01) A61P 21/04 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **USE OF CLADRIBINE FOR TREATING AUTOIMMUNE NEUROMUSCULAR DISEASE**
[54] **UTILISATION DE CLADRIBINE POUR LE TRAITEMENT D'UNE MALADIE NEUROMUSCULAIRE AUTO-IMMUNE**
[72] REJDAK, KONRAD, PL
[71] CHORD THERAPEUTICS SA, CH
[85] 2020-09-18
[86] 2018-06-28 (PCT/GB2018/051801)
[87] (WO2019/016505)
[30] GB (1711800.1) 2017-07-21

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[13] A1
[51] **Int.Cl. A24F 47/00 (2020.01) A24D 3/00 (2020.01)**
[25] EN
[54] **VAPORIZING ARTICLE AND CONTAINERS FOR VAPORIZING ARTICLES**
[54] **ARTICLE DE VAPORISATION ET RECIPIENTS POUR ARTICLES DE VAPORISATION**
[72] PERRINS, ROB, CA
[72] BOUCHARD, MICHEL, CA
[72] BOUCHARD, JEAN-PIERRE, CA
[71] PERRINS, ROB, CA
[71] BOUCHARD, MICHEL, CA
[71] BOUCHARD, JEAN-PIERRE, CA
[85] 2020-10-02
[86] 2019-04-03 (PCT/CA2019/050407)
[87] (WO2019/191840)
[30] CA (3000076) 2018-04-03

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[13] A1
[51] **Int.Cl. B62D 57/024 (2006.01) E04F 21/18 (2006.01) E04G 21/16 (2006.01)**
[25] FR
[54] **AUTOMATED DEVICE FOR CONSTRUCTION PANELS**
[54] **DISPOSITIF AUTOMATISE POUR PANNEAUX DE CONSTRUCTION**
[72] LOMBARD, PIERRE, FR
[72] PELLETIER, STEPHANIE, FR
[72] MELICE, DANIEL, FR
[71] SAINT-GOBAIN PLACO, FR
[85] 2020-10-02
[86] 2019-04-03 (PCT/FR2019/050781)
[87] (WO2019/193284)
[30] FR (1852936) 2018-04-04
[30] FR (1852939) 2018-04-04

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[51] **Int.Cl. A01N 43/40 (2006.01) A01N 41/10 (2006.01) A01N 43/08 (2006.01) A01N 43/56 (2006.01) A01N 43/60 (2006.01) A01N 43/80 (2006.01) A01P 13/02 (2006.01)**
[25] EN
[54] **WEED CONTROL FROM APPLICATIONS OF PYRIDINE CARBOXYLIC ACID HERBICIDES AND 4-HYDROXYPHENYL-PYRUVATE DIOXYGENASE (HPPD) INHIBITORS**
[54] **LUTTE CONTRE LES MAUVAISES HERBES PAR APPLICATIONS D'HERBICIDES A BASE D'ACIDE PYRIDINE CARBOXYLIQUE ET D'INHIBITEURS DE 4-HYDROXYPHENYL-PYRUVATE DIOXYGENASE (HPPD)**
[72] SATCHIVI, NORBERT M., US
[72] BANGEL, BRYSTON L., US
[72] SCHMITZER, PAUL R., US
[71] DOW AGROSCIENCES LLC, US
[85] 2020-10-01
[86] 2019-04-04 (PCT/US2019/025699)
[87] (WO2019/195495)
[30] US (62/652,377) 2018-04-04

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[13] A1
[51] **Int.Cl. A47K 5/16 (2006.01) B05B 7/24 (2006.01)**
[25] EN
[54] **FOAM-AT-A-DISTANCE DISPENSING SYSTEMS**
[54] **SYSTEMES DE DISTRIBUTION DE MOUSSE A DISTANCE**
[72] CIAVARELLA, NICK E., US
[71] GOJO INDUSTRIES, INC., US
[85] 2020-10-01
[86] 2019-04-04 (PCT/US2019/025763)
[87] (WO2019/195536)
[30] US (62/653,617) 2018-04-06

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[51] **Int.Cl. B28C 9/04 (2006.01) B01D 53/00 (2006.01) B63B 35/44 (2006.01) C02F 1/66 (2006.01) C04B 22/00 (2006.01)**
[25] EN
[54] **READY-MIX CONCRETE PRODUCTION UTILIZING CARBON CAPTURE AND RELATED SYSTEMS**
[54] **PRODUCTION DE BETON PRET A L'EMPLOI UTILISANT UNE CAPTURE DE CARBONE ET SYSTEMES ASSOCIES**
[72] PIENADO, RENE E., US
[72] GRASLEY, ZACHARY CHARLES, US
[71] MEEDL68 LP, US
[85] 2020-10-01
[86] 2019-04-04 (PCT/US2019/025803)
[87] (WO2019/195557)
[30] US (62/652,679) 2018-04-04

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[13] A1
[51] **Int.Cl. C07D 403/04 (2006.01)**
[25] EN
[54] **SOLID-STATE FORMS OF ABEMACICLIB, THEIR USE AND PREPARATION**
[54] **FORMES SOLIDES D'ABEMACICLIB, LEUR UTILISATION ET LEUR PREPARATION**
[72] HAMILTON, CLIFTON, US
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2020-10-01
[86] 2019-04-04 (PCT/US2019/025819)
[87] (WO2019/195569)
[30] US (62/653,273) 2018-04-05

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[51] **Int.Cl. A01N 25/02 (2006.01) A01N 43/54 (2006.01) A01N 43/56 (2006.01) A01N 43/653 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **EMULSIFIABLE CONCENTRATE FORMULATIONS OF SDHI FUNGICIDES**
[54] **FORMULATIONS DE CONCENTRE EMULSIONNABLE DE FONGICIDES SDHI**
[72] YAN, LAIBIN B., US
[72] YUHAS, DEBRA, US
[72] DE SOUSA, UBIRATAN F., US
[72] BIRD, DAVID T., US
[72] GYLLING, SOREN, DK
[72] ZAWACKI, FRANK, US
[71] FMC CORPORATION, US
[85] 2020-10-01
[86] 2019-04-04 (PCT/US2019/025854)
[87] (WO2019/195591)
[30] US (62/652,426) 2018-04-04

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[13] A1
[51] **Int.Cl. B25J 9/16 (2006.01) B25J 9/18 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR MOBILE AUTOMATION APPARATUS LOCALIZATION**
[54] **PROCEDE, SYSTEME ET APPAREIL DE LOCALISATION D'APPAREIL D'AUTOMATISATION MOBILE**
[72] CAO, FENG, CA
[72] SINGH, HARSOVEET, CA
[72] RZESZUTEK, RICHARD J., CA
[72] QIAN, JINGXING, CA
[72] KELLY, JONATHAN, CA
[71] SYMBOL TECHNOLOGIES, LLC, US
[85] 2020-10-01
[86] 2019-04-04 (PCT/US2019/025859)
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[30] US (15/946,412) 2018-04-05

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[13] A1
[51] **Int.Cl. F04B 11/00 (2006.01) F04B 39/00 (2006.01) F04B 39/14 (2006.01)**
[25] EN
[54] **REPLACEMENT TUBE FOR A CELLULAR SUCTION STABILIZING MANIFOLD**
[54] **TUBE DE REMPLACEMENT POUR COLLECTEUR DE STABILISATION D'ASPIRATION CELLULAIRE**
[72] ROGERS, JOHN THOMAS, US
[71] PERFORMANCE PULSATION CONTROL, INC., US
[85] 2020-10-01
[86] 2019-04-04 (PCT/US2019/025883)
[87] (WO2019/195613)
[30] US (62/652,792) 2018-04-04
[30] US (16/374,679) 2019-04-03

[21] **3,095,944**
[13] A1
[51] **Int.Cl. H04W 28/18 (2009.01)**
[25] EN
[54] **INFORMATION SENDING METHOD, INFORMATION RECEIVING METHOD, AND DEVICE**
[54] **PROCEDE D'ENVOI D'INFORMATIONS, PROCEDE DE RECEPTION D'INFORMATIONS ET DISPOSITIF**
[72] ZHAO, YUE, CN
[72] YU, ZHENG, CN
[72] FEI, YONGQIANG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2020-10-02
[86] 2018-04-05 (PCT/CN2018/082065)
[87] (WO2019/192008)

[21] **3,095,948**
[13] A1
[51] **Int.Cl. H04W 76/19 (2018.01) H04W 36/26 (2009.01)**
[25] EN
[54] **CONNECTION RE-ESTABLISHMENT METHOD AND RELATED DEVICE**
[54] **PROCEDE DE RETABLISSEMENT DE CONNEXION ET DISPOSITIF ADAPTE**
[72] CHEN, LI, CN
[72] WU, YUMIN, CN
[72] LIANG, JING, CN
[71] VIVO MOBILE COMMUNICATION CO., LTD., CN
[85] 2020-10-02
[86] 2019-04-03 (PCT/CN2019/081235)
[87] (WO2019/192514)
[30] CN (201810302209.1) 2018-04-04

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[13] A1
[51] **Int.Cl. H04W 52/14 (2009.01)**
[25] EN
[54] **INFORMATION TRANSMISSION METHOD, DEVICE, NETWORK DEVICE AND TERMINAL**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION D'INFORMATIONS, DISPOSITIF RESEAU ET TERMINAL**
[72] LI, NAN, CN
[72] ZHANG, XIAORAN, CN
[72] SHAO, ZHE, CN
[72] HU, NAN, CN
[72] YANG, GUANG, CN
[71] CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE, CN
[71] CHINA MOBILE COMMUNICATIONS GROUP CO., LTD., CN
[85] 2020-10-02
[86] 2019-04-03 (PCT/CN2019/081248)
[87] (WO2019/192517)
[30] CN (201810302143.6) 2018-04-04

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[13] A1
[51] **Int.Cl. A61B 34/30 (2016.01) A61B 8/00 (2006.01) A61B 17/34 (2006.01) A61B 90/57 (2016.01)**
[25] EN
[54] **MEDICAL ROBOT**
[54] **ROBOT MEDICAL**
[72] VOGELE, MICHAEL, DE
[71] ISYS MEDIZINTECHNIK GMBH, AT
[71] VOGELE, MICHAEL, DE
[85] 2020-10-02
[86] 2019-04-12 (PCT/EP2019/000118)
[87] (WO2019/197056)
[30] US (62/657,271) 2018-04-13

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[13] A1
[51] **Int.Cl. E06B 9/58 (2006.01) E06B 9/06 (2006.01)**
[25] EN
[54] **DOOR COMPRISING A GUIDE ARRANGEMENT**
[54] **PORTAIL A SYSTEME DE GUIDAGE**
[72] FISCHER, JORG, DE
[71] SEUSTER KG, DE
[85] 2020-10-02
[86] 2019-04-02 (PCT/EP2019/058221)
[87] (WO2019/192976)
[30] DE (20 2018 101 842.6) 2018-04-05
[30] DE (20 2019 101 520.9) 2019-03-18

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[13] A1
[51] **Int.Cl. A44B 11/00 (2006.01)**
[25] EN
[54] **CLOSING DEVICE FOR RELEASABLY CONNECTING A FIRST PART TO A SECOND PART**
[54] **DISPOSITIF DE VERROUILLAGE POUR LA LIAISON SEPARABLE ENTRE UNE PREMIERE PIECE ET UNE DEUXIEME PIECE**
[72] GLOZBACH DE CABARRUS, JEROME, DE
[72] LEY, TIM, DE
[71] GOLEYGO GMBH, DE
[85] 2020-10-02
[86] 2019-03-29 (PCT/EP2019/057994)
[87] (WO2019/192930)
[30] DE (20 2018 101 841.8) 2018-04-05
[30] DE (10 2018 108 011.5) 2018-04-05
[30] DE (20 2018 104 505.9) 2018-08-06
[30] DE (10 2019 200 658.2) 2019-01-18

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[13] A1
[51] **Int.Cl. A23L 33/00 (2016.01) A23L 33/18 (2016.01)**
[25] EN
[54] **ORAL/ENTERAL NUTRITIOUS FOODS AND PROCESS OF MANUFACTURING THE SAME**
[54] **ALIMENTS NUTRITIFS ORAUX OU ENTERAUX ET LEUR PROCEDE DE PREPARATION**
[72] PHAM, TIEN DUAT, VN
[71] ORGALIFE NUTRITION SCIENCE COMPANY LIMITED, VN
[85] 2020-09-22
[86] 2019-02-20 (PCT/VN2019/000002)
[87] (WO2019/246637)
[30] VN (1-2018-02610) 2018-06-18

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[13] A1
[51] **Int.Cl. A61H 19/00 (2006.01) A61H 9/00 (2006.01)**
[25] EN
[54] **DEVICE FOR STIMULATING THE CLITORIS USING A VARIABLE PRESSURE FIELD AND METHOD FOR GENERATING A VARIABLE PRESSURE FIELD**
[54] **DISPOSITIF POUR STIMULER LE CLITORIS AVEC UN CHAMP DE PRESSION MODULABLE ET PROCEDE POUR PRODUIRE UN CHAMP DE PRESSION MODULABLE**
[72] ZEGENHAGEN, MARK TOBIAS, DE
[71] NOVOLUTO GMBH, DE
[85] 2020-10-02
[86] 2019-04-04 (PCT/DE2019/100309)
[87] (WO2019/192661)
[30] DE (10 2018 107 961.3) 2018-04-04

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[13] A1
[51] **Int.Cl. A61K 38/07 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION OF KOR RECEPTOR AGONIST**
[54] **COMPOSITION PHARMACEUTIQUE D'AGONISTE DU RECEPTEUR KOR**
[72] TONG, XINYONG, CN
[72] ZOU, AIFENG, CN
[72] ZHOU, YIN, CN
[72] FAN, YI, CN
[72] TAO, WEIKANG, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[71] HENGRUI PHARMACEUTICAL CO., LTD., CN
[71] SUNCADIA PHARMACEUTICALS CO., LTD, CN
[85] 2020-10-02
[86] 2019-05-15 (PCT/CN2019/086984)
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[30] CN (201810469196.7) 2018-05-16

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[13] A1
[51] **Int.Cl. H01R 4/2483 (2018.01)**
[25] EN
[54] **CONNECTION ELEMENT, ARRANGEMENT AND ENERGY DISTRIBUTION SYSTEM**
[54] **ELEMENT DE RACCORD, AGENCEMENT ET SYSTEME DE DISTRIBUTION D'ENERGIE**
[72] EREMIN, SERGEJ, DE
[71] PHOENIX CONTACT GMBH & CO. KG, DE
[85] 2020-10-02
[86] 2019-03-22 (PCT/EP2019/057218)
[87] (WO2019/192858)
[30] BE (2018/5220) 2018-04-03

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[13] A1
[51] **Int.Cl. A61M 25/01 (2006.01) A61M 25/06 (2006.01) F03G 7/06 (2006.01)**
[25] EN
[54] **ELONGATED FUNCTIONAL SYSTEM CONFIGURED TO BE ADVANCED IN THE LUMEN OF A PIPE, A DUCT OR A TUBE**
[54] **SYSTEME FONCTIONNEL ALLONGE CONFIGURE POUR ETRE AVANCE DANS LA LUMIERE D'UN TUYAU, D'UN CONDUIT OU D'UN TUBE**
[72] CAZENEUVE, JEAN-BAPTISTE, FR
[72] MAIANO, CAMILLE, FR
[71] BASECAMP VASCULAR, FR
[85] 2020-10-02
[86] 2019-04-12 (PCT/EP2019/059566)
[87] (WO2019/197673)
[30] EP (18305452.7) 2018-04-12

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[13] A1
[51] **Int.Cl. B65G 17/12 (2006.01)**
[25] EN
[54] **VERTICAL CONVEYOR**
[54] **TRANSPORTEUR VERTICAL**
[72] SANDHOLZER, UDO, AT
[72] BERCHTOLD, THOMAS, AT
[71] INNOVA PATENT GMBH, AT
[85] 2020-10-02
[86] 2019-04-02 (PCT/EP2019/058238)
[87] (WO2019/192983)
[30] AT (A50275/2018) 2018-04-04

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[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/337 (2006.01) A61K 31/352 (2006.01) A61K 31/7048 (2006.01) A61K 31/7068 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION OF A CANNABINOID AND A CHEMOTHERAOPEUTIC AGENT FOR THE TREATMENT OF BREAST CANCER**
[54] **COMBINAISON D'UN CANNABINOIDE ET D'UN AGENT CHIMIOTHERAPEUTIQUE POUR LE TRAITEMENT DU CANCER DU SEIN**
[72] LIU, WAI, GB
[72] DALGLEISH, ANGUS, GB
[72] HALL, NADINE, GB
[71] JAY PHARMA INC., CA
[85] 2020-10-02
[86] 2019-04-04 (PCT/EP2019/058550)
[87] (WO2019/193112)
[30] EP (18165731.3) 2018-04-04

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[13] A1
[51] **Int.Cl. G10L 19/008 (2013.01) G10L 25/06 (2013.01)**
[25] EN
[54] **APPARATUS, METHOD OR COMPUTER PROGRAM FOR ESTIMATING AN INTER-CHANNEL TIME DIFFERENCE**
[54] **APPAREIL, PROCEDE OU PROGRAMME D'ORDINATEUR POUR ESTIMER UNE DIFFERENCE DE TEMPS ENTRE CANAUX**
[72] FOTOPOULOU, ELENI, DE
[72] BUETHE, JAN, DE
[72] RAVELLI, EMMANUEL, DE
[72] MABEN, PALLAVI, DE
[72] DIETZ, MARTIN, DE
[72] REUTELHUBER, FRANZ, DE
[72] DOEHLA, STEFAN, DE
[72] KORSE, SRIKANTH, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2020-10-02
[86] 2019-04-03 (PCT/EP2019/058434)
[87] (WO2019/193070)
[30] EP (18165882.4) 2018-04-05

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[13] A1
[51] **Int.Cl. C25B 11/04 (2006.01) B01J 27/04 (2006.01) C25B 3/04 (2006.01)**
[25] EN
[54] **CORE/SHELL-VACANCY ENGINEERING (CSVE) OF CATALYSTS FOR ELECTROCHEMICAL CO2 REDUCTION**
[54] **INGENIERIE DE NOYAU/ENVELOPPE A LACUNES (CSVE) DE CATALYSEURS POUR LA REDUCTION ELECTROCHIMIQUE DE CO2**
[72] SARGENT, EDWARD, CA
[72] ZHUANG, TAO-TAO, CA
[72] LIANG, ZHI-QIN, CA
[72] IP, ALEXANDER, CA
[71] TOTAL SE, FR
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2020-10-02
[86] 2019-05-08 (PCT/EP2019/061854)
[87] (WO2019/215247)
[30] US (62/670,278) 2018-05-11

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[13] A1
[51] **Int.Cl. G10L 19/008 (2013.01) H04S 3/00 (2006.01)**
[25] EN
[54] **DOWNMIXER, AUDIO ENCODER, METHOD AND COMPUTER PROGRAM APPLYING A PHASE VALUE TO A MAGNITUDE VALUE**
[54] **MELANGEUR ABAISSEUR, CODEUR AUDIO, PROCEDE ET PROGRAMME INFORMATIQUE APPLIQUANT UNE VALEUR DE PHASE A UNE VALEUR D'AMPLITUDE**
[72] KARAPETYAN, ALEKSANDR, DE
[72] WOLF, FELIX, DE
[72] PLOGSTIES, JAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2020-10-02
[86] 2019-04-05 (PCT/EP2019/058713)
[87] (WO2019/193185)
[30] EP (18166174.5) 2018-04-06

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[13] A1
[51] **Int.Cl. G01T 1/29 (2006.01) H01L 27/146 (2006.01)**
[25] EN
[54] **SENSOR UNIT, RADIATION DETECTOR AND METHOD OF MANUFACTURING A SENSOR UNIT**
[54] **UNITE DE CAPTEUR, DETECTEUR DE RAYONNEMENT ET PROCEDE DE FABRICATION D'UNE UNITE DE CAPTEUR**
[72] ULLBERG, CHRISTER, SE
[71] XCOUNTER AB, SE
[85] 2020-10-02
[86] 2019-05-15 (PCT/EP2019/062442)
[87] (WO2019/219733)
[30] SE (1850561-0) 2018-05-15

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[13] A1
[51] **Int.Cl. A01N 37/02 (2006.01) A01P 17/00 (2006.01) A61K 8/36 (2006.01) A61Q 17/02 (2006.01)**
[25] FR
[54] **INSECT-REPELLENT COMPOSITION COMPRISING ONE OR MORE INSECT-REPELLENT FATTY ACIDS HAVING BETWEEN 9 AND 21 CARBON ATOMS**
[54] **COMPOSITION INSECTIFUGE COMPRENANT UN OU PLUSIEURS ACIDE(S) GRAS INSECTIFUGE PRESENTANT ENTRE 9 ET 21 ATOMES DE CARBONE**
[72] VIDAL, NICOLAS, FR
[72] LESGARDS, JEAN-FRANCOIS, FR
[71] EVERGREEN LAND LIMITED, CN
[85] 2020-10-01
[86] 2019-04-05 (PCT/IB2019/052815)
[87] (WO2019/193561)
[30] FR (18/52984) 2018-04-05

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[13] A1
[51] **Int.Cl. A61G 9/00 (2006.01) A61F 5/455 (2006.01)**
[25] FR
[54] **GRIPPING DEVICE FOR A URINAL BAG**
[54] **DISPOSITIF DE PREHENSION POUR SAC URINAL**
[72] TRUCHI, GUILLAUME, FR
[72] IDRIS HADJI, SOPHIA, FR
[71] CLEANIS, FR
[85] 2020-10-02
[86] 2019-04-24 (PCT/EP2019/060432)
[87] (WO2019/206941)
[30] FR (1853736) 2018-04-27

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[13] A1
[51] **Int.Cl. C08F 10/02 (2006.01) B01J 8/08 (2006.01) B01J 8/18 (2006.01)**
[25] EN
[54] **PROCESS FOR POLYMERIZING OLEFIN IN A GAS PHASE REACTOR WITH IMPROVED THERMAL HOMOGENEITY**
[54] **PROCEDE DESTINE A POLYMERISER UNE OLEFINE DANS UN REACTEUR EN PHASE GAZEUSE A HOMOGENEITE THERMIQUE AMELIOREE**
[72] KRALLIS, APOSTOLOS, FI
[72] KANELLOPOULOS, VASILEIOS, AT
[72] ELOVAINIO, ERNO, FI
[72] NYFORS, KLAUS, FI
[71] BOREALIS AG, AT
[85] 2020-10-02
[86] 2019-05-29 (PCT/EP2019/064035)
[87] (WO2019/238428)
[30] EP (18177750.9) 2018-06-14

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[13] A1
[51] **Int.Cl. H05B 45/20 (2020.01) F21K 9/65 (2016.01) H05B 45/10 (2020.01)**
[25] EN
[54] **DIMMABLE LED LIGHT FIXTURE MAINTAINING BRIGHTNESS DURING COLOR TEMPERATURE CHANGE**
[54] **APPAREIL D'ECLAIRAGE A DEL A INTENSITE REGLABLE MAINTENANT LA LUMINOSITE PENDANT UN CHANGEMENT DE TEMPERATURE DE COULEUR**
[72] CHAIMBERG, ADAM, CA
[72] XIANWEN, XIONG, CN
[71] GLOBE ELECTRIC COMPANY INC., CA
[85] 2020-09-18
[86] 2018-09-18 (PCT/CA2018/000174)
[87] (WO2019/183706)
[30] CA (2,999,307) 2018-03-26

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/00 (2006.01) A61K 47/32 (2006.01) A61K 47/34 (2017.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **U-SHAPED ORAL THIN FILM**
[54] **FILM MINCE D'HYGIENE BUCCO-DENTAIRE EN FORME DE U**
[72] SCHMITZ, CHRISTOPH, DE
[72] BAUER, MARIUS, DE
[72] LINN, MICHAEL, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2020-10-02
[86] 2019-04-25 (PCT/EP2019/060665)
[87] (WO2019/207067)
[30] DE (10 2018 109 981.9) 2018-04-25

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[51] **Int.Cl. D04H 1/4209 (2012.01) D04H 1/587 (2012.01) C03C 25/34 (2006.01) C09J 161/30 (2006.01) C09J 161/32 (2006.01) D04H 1/64 (2012.01) E04B 1/76 (2006.01)**
[25] EN
[54] **METHOD FOR THE MANUFACTURE OF MINERAL WOOL PRODUCTS**
[54] **PROCEDE DE FABRICATION DE PRODUITS DE LAINE MINERALE**
[72] MOLINERO ARENAS, ALEJANDRO, ES
[72] AZNAR ECIJA, ANA ISABEL, ES
[72] QUEROL PINOT, MIREIA, ES
[72] CASADO DOMINGUEZ, ARTURO LUIS, ES
[71] URSA INSULATION, S.A., ES
[85] 2020-10-02
[86] 2019-04-26 (PCT/EP2019/060748)
[87] (WO2019/207110)
[30] EP (18169926.5) 2018-04-27

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[51] **Int.Cl. A61G 13/02 (2006.01) A47C 31/00 (2006.01) H01H 36/00 (2006.01) H01H 9/02 (2006.01)**
[25] EN
[54] **HANDSET FOR CONTROLLING A SURGICAL OPERATING TABLE**
[54] **TELECOMMANDE POUR COMMANDER UNE TABLE D'OPERATION CHIRURGICALE**
[72] MOORE, COLIN, GB
[71] ESCHMANN HOLDINGS LIMITED, GB
[85] 2020-09-29
[86] 2019-04-03 (PCT/EP2019/058407)
[87] (WO2019/193054)
[30] GB (1805651.5) 2018-04-05

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[13] A1
[51] **Int.Cl. A61L 15/44 (2006.01) A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 31/085 (2006.01) A61K 47/06 (2006.01) A61K 47/10 (2017.01) A61K 47/12 (2006.01) A61K 47/14 (2017.01) A61K 47/18 (2017.01) A61K 47/32 (2006.01) A61K 47/44 (2017.01) A61K 47/46 (2006.01) A61L 26/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATMENT OF CHRONIC WOUNDS**
[54] **COMPOSITION POUR LE TRAITEMENT DE PLAIES CHRONIQUES**
[72] PURVIS, DUNCAN ROSS, GB
[72] THOMAS, JANETTE ANN, GB
[72] BENNETT, BRIAN, GB
[72] KEELING, CELIA, GB
[71] PELLIS CARE LIMITED, GB
[85] 2020-10-02
[86] 2019-04-04 (PCT/GB2019/050960)
[87] (WO2019/193333)
[30] GB (1805783.6) 2018-04-06

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[51] **Int.Cl. A61K 39/245 (2006.01) A61K 39/00 (2006.01) A61K 39/05 (2006.01) A61K 39/145 (2006.01) A61K 39/39 (2006.01) A61P 25/28 (2006.01) C07K 14/005 (2006.01)**
[25] EN
[54] **ANTI-ABETA THERAPEUTIC VACCINES**
[54] **VACCINS THERAPEUTIQUES ANTI-ABETA**
[72] FIORINI, EMMA, CH
[72] VUKICEVIC VERHILLE, MARIJA, CH
[72] PIHLGREN BOSCH, MARIA, CH
[71] AC IMMUNE SA, CH
[85] 2020-10-02
[86] 2019-04-09 (PCT/EP2019/058980)
[87] (WO2019/197414)
[30] EP (18166659.5) 2018-04-10
[30] EP (18202366.3) 2018-10-24

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[13] A1
[51] **Int.Cl. B65D 71/50 (2006.01) B65B 17/02 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO CONTAINER CARRIERS**
[54] **AMELIORATIONS APPORTEES OU SE RAPPORTANT A DES SUPPORTS POUR DES CONTENANTS**
[72] BATES, STEPHEN, GB
[71] BRITISH POLYTHENE LIMITED, GB
[85] 2020-10-02
[86] 2019-04-04 (PCT/GB2019/050978)
[87] (WO2019/193344)
[30] GB (1805581.4) 2018-04-05
[30] GB (1810040.4) 2018-06-19

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[13] A1
[51] **Int.Cl. C25B 11/02 (2006.01) C25B 1/04 (2006.01) C25B 9/06 (2006.01) C25B 11/04 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL PRODUCTION OF HYDROGEN FROM SEA WATER**
[54] **PRODUCTION ELECTROCHIMIQUE D'HYDROGENE A PARTIR D'EAU DE MER**
[72] HUDSON, STEWART, GB
[71] TORVEX ENERGY LIMITED, GB
[85] 2020-10-02
[86] 2019-05-07 (PCT/GB2019/051246)
[87] (WO2019/215432)
[30] GB (1807469.0) 2018-05-08
[30] GB (1900680.8) 2019-01-17

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **AXL-SPECIFIC ANTIBODIES FOR CANCER TREATMENT**
[54] **ANTICORPS SPECIFIQUES D'AXL POUR LE TRAITEMENT DU CANCER**
[72] JANMAAT, MAARTEN, NL
[72] BREIJ, ESTHER, NL
[72] FORSSMANN, ULF, DE
[72] AHMADI, TAHAMTAN, US
[72] BOSHUIZEN, JULIA, NL
[72] PEEPER, DANIEL, NL
[72] PENCHEVA, NORA, NL
[71] GENMAB A/S, DK
[85] 2020-10-02
[86] 2019-04-10 (PCT/EP2019/059171)
[87] (WO2019/197506)
[30] US (62/655,417) 2018-04-10

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[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/00 (2006.01) A61P 35/00 (2006.01) C07D 231/40 (2006.01)**
[25] EN
[54] **SUBSTITUTED PYRAZOLE DERIVATIVES AS SELECTIVE CDK12/13 INHIBITORS**
[54] **DERIVES DE PYRAZOLE SUBSTITUES UTILISES EN TANT QU'INHIBITEURS SELECTIFS DE CDK12/13**
[72] PODDUTOORI, RAMULU, IN
[72] SAMAJDAR, SUSANTA, IN
[72] MUKHERJEE, SUBHENDU, IN
[71] AURIGENE DISCOVERY TECHNOLOGIES LIMITED, IN
[85] 2020-10-02
[86] 2019-04-03 (PCT/IB2019/052716)
[87] (WO2019/193509)
[30] IN (201841012850) 2018-04-04

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[13] A1
[51] **Int.Cl. C07K 14/605 (2006.01) A61K 38/26 (2006.01)**
[25] EN
[54] **NOVEL GLP-1 ANALOGUES**
[54] **NOUVEAUX ANALOGUES DE GLP-1**
[72] THENNATI, RAJAMANNAR, IN
[72] CHATURVEDI, NISHITH, IN
[72] BURADE, VINOD SAMPATRAO, IN
[72] SHAHI, PRADEEP DINESH, IN
[72] NATARAJAN, MUTHUKUMARAN, IN
[72] NAGARAJA, RAVISHANKARA MADAVATI, IN
[72] ZALAWADIA, RISHIT MANSUKHLAL, IN
[72] PANDYA, KUNAL, IN
[72] PATEL, BRIJESHKUMAR, IN
[72] JOSHI, DHIREN RAMESHCHANDRA, IN
[72] SONI, KRUNAL HARISHBHAI, IN
[72] TIWARI, ABHISHEK, IN
[72] PATEL, VIPULKUMAR SHANKARBHAI, IN
[71] SUN PHARMACEUTICAL INDUSTRIES LIMITED, IN
[85] 2020-10-02
[86] 2019-04-05 (PCT/IB2019/052835)
[87] (WO2019/193576)
[30] IN (201821013109) 2018-04-05
[30] IN (201821040468) 2018-10-26
[30] IN (201821040474) 2018-10-26

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[51] **Int.Cl. A61B 17/68 (2006.01) A61N 1/32 (2006.01) A61B 17/56 (2006.01) A61B 17/58 (2006.01) A61B 17/86 (2006.01) A61N 1/05 (2006.01) A61N 1/20 (2006.01)**
[25] EN
[54] **BIPOLAR BONE ANCHOR WITH CONNECTION FOR ELECTROSTIMULATION**
[54] **ANCRAGE OSSEUX BIPOLAIRE AVEC CONNEXION POUR ELECTROSTIMULATION**
[72] RENNICH, MARKUS, DE
[72] STEPHAN, HERIBERT, DE
[71] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2020-10-02
[86] 2019-04-09 (PCT/IB2019/052925)
[87] (WO2019/197994)
[30] US (62/655,272) 2018-04-10

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[13] A1
[51] **Int.Cl. A01N 25/04 (2006.01)**
[25] EN
[54] **HERBICIDE FORMULATION IN THE FORM OF A MICROEMULSION**
[54] **FORMULATION HERBICIDE SOUS FORME DE MICRO-EMULSION**
[72] BLUMEL, EDMUNDO, AR
[71] RED SURCOS COLOMBIA LTDA., CO
[85] 2020-10-02
[86] 2018-07-25 (PCT/IB2018/055573)
[87] (WO2019/215483)
[30] AR (P 20180101219) 2018-05-10

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[13] A1
[51] **Int.Cl. H04W 12/06 (2009.01) G06F 21/33 (2013.01)**
[25] EN
[54] **RECEIVER DEVICE FOR FACILITATING WIRELESS POWER RECEPTION**
[54] **DISPOSITIF RECEPTEUR POUR FACILITER LA RECEPTION D'ENERGIE SANS FIL**
[72] SMITH, ROBERT, US
[72] SMITH, MICHAEL HUNTER, US
[72] LARK, DAVID LEE, US
[71] VOICE LIFE INC., US
[85] 2020-10-02
[86] 2019-03-25 (PCT/IB2019/052413)
[87] (WO2019/193449)
[30] US (62/652,022) 2018-04-03
[30] IB (PCT/IB2018/057826) 2018-10-09

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[51] **Int.Cl. A63F 13/65 (2014.01) A63F 9/24 (2006.01) A63F 13/00 (2014.01) G06F 15/16 (2006.01)**
[25] EN
[54] **SYNCHRONIZATION OF ONLINE GAMING ENVIRONMENT WITH VIDEO STREAMING OF A LIVE EVENT**
[54] **SYNCHRONISATION D'UN ENVIRONNEMENT DE JEU EN LIGNE AVEC UNE DIFFUSION VIDEO EN CONTINU D'UN EVENEMENT EN DIRECT**
[72] BEHARA, ANIKET, IN
[72] GUPTA, KSHITIJ, IN
[72] SIDHWANI, JAYESH, IN
[72] SAXENA, AKASH, IN
[72] NARANG, VARUN, IN
[71] NOVI DIGITAL ENTERTAINMENT PRIVATE LIMITED, IN
[85] 2020-10-02
[86] 2019-04-05 (PCT/IN2019/050282)
[87] (WO2019/193610)
[30] IN (201821013325) 2018-04-06

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[13] A1
[51] **Int.Cl. B61B 7/02 (2006.01) B61B 7/06 (2006.01) B61B 12/00 (2006.01) B61F 3/04 (2006.01) B61F 5/50 (2006.01) B61F 9/00 (2006.01)**
[25] EN
[54] **HYBRID CABLE/RAIL TRANSPORTATION SYSTEM, TRANSPORTATION UNIT FOR SUCH A TRANSPORTATION SYSTEM AND METHOD FOR OPERATING SUCH A TRANSPORTATION SYSTEM**
[54] **SYSTEME DE TRANSPORT HYBRIDE PAR CABLE/CHEMIN DE FER, UNITE DE TRANSPORT POUR UN TEL SYSTEME DE TRANSPORT ET PROCEDE DE FONCTIONNEMENT D'UN TEL SYSTEME DE TRANSPORT**
[72] ERHARTER, NIKOLAUS, IT
[72] WIESER, HARTMUT, IT
[72] CONTE, GIUSEPPE, IT
[71] LEITNER S.P.A., IT
[85] 2020-10-02
[86] 2019-04-10 (PCT/IB2019/052959)
[87] (WO2019/198008)
[30] IT (102018000004362) 2018-04-10

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[13] A1
[51] **Int.Cl. G16B 25/10 (2019.01) G16H 50/30 (2018.01) G16B 20/20 (2019.01) G16B 20/40 (2019.01)**
[25] EN
[54] **COMMUNITY ASSIGNMENTS IN IDENTITY BY DESCENT NETWORKS AND GENETIC VARIANT ORIGINATION**
[54] **ATTRIBUTIONS DE COMMUNAUTE DANS L'IDENTITE PAR DES RESEAUX D'ASCENDANCE ET ORIGINE D'UNE VARIANTE GENETIQUE**
[72] BYRNES, JAKE KELLY, US
[72] GRANKA, JULIE M., US
[72] HATELEY, SHANNON, US
[72] DOROUD, LADAN, US
[71] ANCESTRY.COM DNA, LLC, US
[85] 2020-10-02
[86] 2019-04-04 (PCT/IB2019/052788)
[87] (WO2019/193551)
[30] US (62/653,416) 2018-04-05
[30] US (62/653,420) 2018-04-05

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[13] A1
[51] **Int.Cl. D04B 1/22 (2006.01) A41D 31/00 (2019.01)**
[25] EN
[54] **KNITTED FABRIC WITH FLAPS, AND FIBER PRODUCT**
[54] **TISSU TRICOTE AVEC RABATS, ET PRODUIT FIBREUX**
[72] OGATA, NOBUAKI, JP
[72] HARAGE, TAKANORI, JP
[72] SHIBATA, SONOMI, JP
[71] TEIJIN FRONTIER CO., LTD., JP
[85] 2020-10-02
[86] 2019-04-03 (PCT/JP2019/014818)
[87] (WO2019/202993)
[30] JP (2018-078317) 2018-04-16

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[13] A1
[51] **Int.Cl. E21B 19/14 (2006.01)**
[25] EN
[54] **MULTIFUNCTION HANDLER FOR HANDLING DRILLING ELEMENTS IN A DRILLING RIG, DRILLING RIG AND RELATED METHODS FOR HANDLING DRILLING ELEMENTS**
[54] **MANIPULATEUR MULTIFONCTION POUR MANIPULER DES ELEMENTS DE FORAGE DANS UN APPAREIL DE FORAGE, APPAREIL DE FORAGE ET PROCEDES ASSOCIES POUR MANIPULER DES ELEMENTS DE FORAGE**
[72] BASILE, ADOLFO, US
[72] TIBERI, ANDREA, US
[71] DRILLMEC INC., US
[85] 2020-10-02
[86] 2019-04-24 (PCT/IB2019/053364)
[87] (WO2019/207493)
[30] IT (102018000004926) 2018-04-27

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[13] A1
[51] **Int.Cl. A61L 2/18 (2006.01) A61L 9/14 (2006.01)**
[25] EN
[54] **DECONTAMINATION DEVICE**
[54] **DISPOSITIF DE DECONTAMINATION**
[72] KAWASAKI, KOJI, JP
[72] KAKUDA, DAISUKE, JP
[72] MASUDOME, JUN, JP
[72] FUTAMURA, HARUKA, JP
[72] YAZAKI, YUKIHIRO, JP
[72] KITANO, TSUKASA, JP
[72] GUO, ZHIQIANG, JP
[72] OGAWA, AYUMI, JP
[71] AIREX CO., LTD., JP
[85] 2020-10-02
[86] 2020-03-13 (PCT/JP2020/011183)
[87] (WO2020/195971)
[30] JP (2019-062333) 2019-03-28

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[13] A1
[51] **Int.Cl. B26D 1/04 (2006.01) B31B 50/00 (2017.01) B31B 50/10 (2017.01) B31B 50/14 (2017.01) B31B 50/16 (2017.01) B31B 50/25 (2017.01) B26D 1/08 (2006.01) B26D 5/00 (2006.01) B26D 5/06 (2006.01) B26D 7/18 (2006.01) B26D 7/26 (2006.01) B65H 20/06 (2006.01) B26D 1/00 (2006.01)**
[25] EN
[54] **PACKAGING MACHINE INFEED, SEPARATION, AND CREASING MECHANISMS**
[54] **MECANISMES D'ALIMENTATION, DE SEPARATION ET DE RAINAGE DE MACHINE A EMBALLER**
[72] PROVOOST, DAVID MICHEL, BE
[72] DE DYCKER, HERMAN GERMAIN, BE
[72] VAN STEENKISTE, DIMITRI DANIEL RAPHAEL, BE
[72] HAMERLINCK, STEFAAN ALBERT MARIE-LOUISE, BE
[71] AVERCON BVBA, BE
[85] 2020-10-02
[86] 2019-04-05 (PCT/IB2019/052793)
[87] (WO2019/193554)
[30] BE (2018/05232) 2018-04-05
[30] BE (2018/05233) 2018-04-05
[30] US (62/729,762) 2018-09-11
[30] BE (2018/05697) 2018-10-10
[30] US (16/375,579) 2019-04-04

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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **PROSTHETIC HEART VALVE WITH POUCH**
[54] **VALVULE CARDIAQUE PROTHETIQUE AVEC POCHE**
[72] HARITON, ILIA, IL
[72] IAMBERGER, MENI, IL
[72] KASIMOV, YELENA, IL
[72] HARARI, BOAZ, IL
[72] BAUM, AVIRAM, IL
[71] CARDIOVALVE LTD., IL
[85] 2020-10-02
[86] 2019-02-06 (PCT/IL2019/050142)
[87] (WO2019/202579)
[30] US (15/956,956) 2018-04-19
[30] IL (PCT/IL2018/050725) 2018-07-04
[30] US (16/135,969) 2018-09-19
[30] US (16/135,979) 2018-09-19

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 9/48 (2006.01) A61K 38/28 (2006.01) A61K 38/55 (2006.01) A61K 38/56 (2006.01)**
[25] EN
[54] **RECOMBINANT PROTEASE INHIBITOR-CONTAINING COMPOSITIONS, METHODS FOR PRODUCING SAME AND USES THEREOF**
[54] **COMPOSITIONS CONTENANT UN INHIBITEUR DE PROTEASE RECOMBINANTE, LEURS PROCEDES DE PRODUCTION ET LEURS UTILISATIONS**
[72] KIDRON, MIRIAM, IL
[72] ARORA, KAJAL, IN
[72] NAGARAJU, RAMACHANDRA, IN
[72] ARORA, NUPUR MEHROTRA, IN
[72] KUNDU, PRABUDDHA, IN
[71] ORAMED LTD., IL
[85] 2020-10-02
[86] 2019-06-06 (PCT/IL2019/050647)
[87] (WO2019/239405)
[30] US (62/683,061) 2018-06-11

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[13] A1
[51] **Int.Cl. B65B 11/00 (2006.01) B65B 11/08 (2006.01) B65B 11/10 (2006.01) B65B 11/12 (2006.01) B65B 11/16 (2006.01)**
[25] EN
[54] **BOX TEMPLATE FOLDING PROCESS AND MECHANISMS**
[54] **PROCEDE ET MECANISMES DE PLIAGE DE MODELE DE BOITE**
[72] PROVOOST, DAVID MICHEL, BE
[72] DE DYCKER, HERMAN GERMAIN, BE
[72] VAN STEENKISTE, DIMITRI DANIEL RAPHAEL, BE
[72] HAMERLINCK, STEFAAN ALBERT MARIE-LOUISE, BE
[71] AVERCON BVBA, BE
[85] 2020-10-02
[86] 2019-04-05 (PCT/IB2019/052794)
[87] (WO2019/193555)
[30] BE (2018/05231) 2018-04-05
[30] US (62/729,766) 2018-09-11
[30] BE (2018/05698) 2018-10-10
[30] US (16/375,588) 2019-04-04

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[13] A1
[51] **Int.Cl. A41D 13/05 (2006.01)**
[25] EN
[54] **INJURY PROTECTION DEVICE**
[54] **DISPOSITIF DE PROTECTION CONTRE LES TRAUMATISMES**
[72] MINAEV, EVGENY OLEGOVICH, RU
[72] KUZNETSOV, IGOR ANATOLIEVICH, RU
[71] MINAEV, EVGENY OLEGOVICH, RU
[71] KUZNETSOV, IGOR ANATOLIEVICH, RU
[85] 2020-10-02
[86] 2019-03-28 (PCT/RU2019/000194)
[87] (WO2019/194704)
[30] RU (2018111935) 2018-04-03

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[13] A1
[51] **Int.Cl. C12M 1/12 (2006.01) C12M 1/00 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL BIOREACTOR FOR T-CELL ACTIVATION AND EXPANSION FOR IMMUNOTHERAPY**
[54] **BIOREACTEUR TRIDIMENSIONNEL POUR L'ACTIVATION ET L'EXPANSION DE LYMPHOCYTES T POUR L'IMMUNOTHERAPIE**
[72] LING, JIAN, US
[71] SOUTHWEST RESEARCH INSTITUTE, US
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[54] **POOL CLEANER WITH GEAR DRIVE AND RELATED APPARATUS AND METHODS**
[54] **DISPOSITIF DE NETTOYAGE DE PISCINE DOTE D'UN ENTRAINEMENT PAR ENGRENAGES AINSI QU'APPAREIL ET PROCEDES ASSOCIES**
[72] ELLIS, ROBIN OWEN, US
[72] LAMBOURN, PAUL, ZA
[72] TREGONING, MICHAEL RICHARD, ZA
[71] NC BRANDS L.P., US
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[51] **Int.Cl. A61L 27/42 (2006.01) A61F 2/02 (2006.01) A61L 27/06 (2006.01)**
[25] EN
[54] **TENSION-FREE TITANIUM METAL WARP KNIT FABRIC FOR SURGICALLY SHAPING SOFT TISSUES**
[54] **TRICOT METALLIQUE EN TITANE ATENSIONNEL POUR PLASTIQUE CHIRURGICALE DE TISSUS MOUS**
[72] KAZANTSEV, ANTON ANATOLEVICH, RU
[72] YUSUPOV, AJRAT AUHATOVICH, RU
[72] ALEHIN, ALEXANDR IVANOVICH, RU
[72] ZAVARUEV, VLADIMIR ANDREEVICH, RU
[71] LIMITED LIABILITY COMPANY "ELASTIC TITANIUM IMPLANTS", RU
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[25] EN
[54] **TITANIUM MATRIX BASED ON A TENSION-FREE METAL WARP KNIT FABRIC FOR GUIDED TISSUE REGENERATION**
[54] **MATRICE DE TITANE A BASE D'UN MAILLE DE METAL EXEMPT DE TENSION DESTINE A LA REGENERATION DIRIGEE D'UN TISSU**
[72] KAZANTSEV, ANTON ANATOLEVICH, RU
[72] ZAVARUEV, VLADIMIR ANDREEVICH, RU
[72] YUSUPOV, AJRAT AUHATOVICH, RU
[72] KOLESNIKOVA, ELENA NIKOLAEVNA, RU
[71] LIMITED LIABILITY COMPANY "ELASTIC TITANIUM IMPLANTS", RU
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[54] **PERIPHERAL CONTROLLER IN AN ACCESS CONTROL SYSTEM**
[54] **CONTROLEUR DE PERIPHERIQUE DANS UN SYSTEME DE CONTROLE D'ACCES**
[72] HOPKINS, BENJAMIN, US
[72] STUDT, DAVID, US
[72] BAUMGARTE, JOSEPH W., US
[72] KINCAID, RYAN C., US
[72] PFUNDER, DAN, US
[72] OEHLER, KEVIN P., US
[72] HARMON, ETHAN, US
[72] EVERSON, JONATHAN, US
[71] SCHLAGE LOCK COMPANY LLC, US
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[54] **REPLACEABLE ENTRY MODULE FOR CABLES AND METHOD**
[54] **MODULE D'ENTREE REMPLACABLE POUR CABLES ET PROCEDE**
[72] GIRAUD, WILLIAM JULIUS MCPHIL, US
[72] KINGSBURY, BRIAN DUANE, US
[72] KLAK, ROBERT TOMASZ, PL
[71] CORNING RESEARCH & DEVELOPMENT CORPORATION, US
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[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/062 (2006.01)**
[25] EN
[54] **SUTURING SYSTEM**
[54] **DISPOSITIF DE SUTURE**
[72] TAYLOR, RICHARD KEITH, US
[72] WOODCOCK, AMANDA KAY, US
[72] HENSEL, ADAM DAVID, US
[71] CYPRIS MEDICAL, INC., US
[85] 2020-10-02
[86] 2018-04-11 (PCT/US2018/027173)
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[54] **FOAM ASSISTED APPLICATION OF STRENGTH ADDITIVES TO PAPER PRODUCTS**
[54] **APPLICATION ASSISTEE PAR MOUSSAGE D'ADDITIFS DE RESISTANCE A DES PRODUITS DE PAPIER**
[72] LUO, MINGXIANG, US
[72] GAST, JOHN C., US
[72] BLISS, TERRY, US
[72] HIER, ZACHARY, US
[72] NICHOLAS, MATTHEW, US
[71] SOLENIS TECHNOLOGIES, L.P., US
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[54] **LASER SYSTEM FOR SURGICAL APPLICATIONS**
[54] **SYSTEME LASER POUR APPLICATIONS CHIRURGICALES**
[72] KERBAGE, CHARLES, US
[72] MONTY, NATHAN P., US
[72] BADREDDINE, ALI, US
[71] CONVERGENT DENTAL, INC., US
[85] 2020-10-02
[86] 2019-04-01 (PCT/US2019/025125)
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[30] US (62/651,982) 2018-04-03
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[25] EN
[54] **METHODS FOR PROTECTING PORCINE FETUSES FROM INFECTION WITH VIRUS**
[54] **PROCEDES DE PROTECTION DE F□TUS PORCINS CONTRE UNE INFECTION PAR UN VIRUS**
[72] PRATHER, RANDALL S., US
[72] WELLS, KEVIN D., US
[72] WHITWORTH, KRISTIN M., US
[71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US
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[25] EN
[54] **PORTABLE DEVICES FOR EXERCISING MUSCLES IN THE ANKLE, FOOT, AND/OR LEG, AND RELATED METHODS**
[54] **DISPOSITIFS PORTABLES POUR FAIRE TRAVAILLER DES MUSCLES DANS LA CHEVILLE, LE PIED ET/OU LA JAMBE, ET PROCEDES ASSOCIES**
[72] TARKINGTON, MARY ANNE, US
[72] MATSUURA, DAVID G., US
[72] MOEBIUS, JACOB A., US
[71] TS MEDICAL LLC, US
[85] 2020-10-02
[86] 2019-01-24 (PCT/US2019/015030)
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[54] **ADJUNCT DIAGNOSTIC DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE DIAGNOSTIC D'APPOINT**
[72] COLLINS, JOHN R., US
[71] COLLINS, JOHN R., US
[85] 2020-10-02
[86] 2019-04-02 (PCT/US2019/025348)
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[25] EN
[54] **SYSTEM AND METHOD FOR THE MEASUREMENT OF STRETCH FILM**
[54] **SYSTEME ET PROCEDE DE MESURE D'UN FILM ETIRABLE**
[72] MCCARTER, PARNELL, US
[71] PACK CONTROLS LLC, US
[85] 2020-10-02
[86] 2018-04-20 (PCT/US2018/028606)
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[30] US (62/656,683) 2018-04-12

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[51] **Int.Cl. G06N 10/00 (2019.01)**
[25] EN
[54] **THREE QUBIT ENTANGLING GATE THROUGH TWO-LOCAL HAMILTONIAN CONTROL**
[54] **PORTE D'ENCHEVETREMENT A TROIS BITS QUANTIQUES UTILISANT UNE COMMANDE DE HAMILTON A DEUX LOCAUX**
[72] NIU, YUEZHEN, US
[72] SMELYANSKIY, VADIM, US
[72] BOIXO CASTRILLO, SERGIO, US
[71] GOOGLE LLC, US
[85] 2020-10-02
[86] 2019-01-31 (PCT/US2019/016047)
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[30] US (62/769,398) 2018-11-19

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[13] A1
[51] **Int.Cl. C09K 8/70 (2006.01) C09K 8/72 (2006.01) C09K 8/80 (2006.01)**
[25] EN
[54] **METHOD FOR FRACTURING IN HYDROCARBON RESERVOIRS**
[54] **PROCEDE DE FRACTURATION DANS DES RESERVOIRS D'HYDROCARBURES**
[72] LIANG, FENG, US
[72] LIU, HUI-HAI, US
[72] HAN, YANHUI, US
[72] BARTKO, KIRK M., US
[72] SAINI, RAJESH KUMAR, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-10-02
[86] 2019-04-03 (PCT/US2019/025504)
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[25] EN
[54] **PROTECTIVE HELMET**
[54] **CASQUE DE PROTECTION**
[72] SANTIAGO, CORD, US
[72] LEWIS-CLARK, BRIAN, US
[72] CZERSKI, MIKE, US
[72] LEVESQUE, ROGER, US
[72] NEUBAUER, JASON, US
[72] KAYS, BRENDAN, US
[72] DOWNS, BOB, US
[71] VICIS, INC., US
[85] 2020-10-02
[86] 2019-04-02 (PCT/US2019/025450)
[87] (WO2019/195339)
[30] US (62/651,338) 2018-04-02
[30] US (62/735,580) 2018-09-24

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[51] **Int.Cl. E01F 9/529 (2016.01)**
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[54] **LINK FOR FOLDABLE PORTABLE ROADWAY WARNING DEVICE**
[54] **LIAISON POUR DISPOSITIF D'AVERTISSEMENT ROUTIER PORTABLE PLIABLE**
[72] METTLER, CHARLES M., US
[71] PLASTIC SAFETY SYSTEMS, INC., US
[85] 2020-10-02
[86] 2019-03-26 (PCT/US2019/024029)
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[30] US (62/647,912) 2018-03-26

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[51] **Int.Cl. A61K 38/48 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **NEUROTOXINS FOR USE IN INHIBITING CGRP**
[54] **NEUROTOXINES DESTINEES A ETRE UTILISEES DANS L'INHIBITION DU CGRP**
[72] JARPE, MICHAEL, US
[72] HASAN, FAUAD, US
[71] BONTI, INC., US
[85] 2020-10-02
[86] 2019-04-03 (PCT/US2019/025625)
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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 35/51 (2015.01) A61K 35/28 (2015.01)**
[25] EN
[54] **METHODS OF TREATING AUTISM SPECTRUM DISORDERS USING HUMAN UMBILICAL CORD TISSUE-DERIVED MESENCHYMAL STROMAL CELLS**
[54] **METHODES DE TRAITEMENT DE TROUBLES DU SPECTRE AUTISTIQUE A L'AIDE DE CELLULES STROMALES MESENCHYMATEUSES DERIVEES DE TISSU DE CORDON OMBILICAL HUMAIN**
[72] KURTZBERG, JOANNE, US
[72] DAWSON, GERALDINE, US
[72] SUN, JESSICA, US
[71] DUKE UNIVERSITY, US
[85] 2020-10-02
[86] 2019-04-04 (PCT/US2019/025716)
[87] (WO2019/195506)
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[51] **Int.Cl. G16H 30/40 (2018.01)**
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[54] **MOTION SIGNAL DERIVED FROM IMAGING DATA**
[54] **SIGNAL DE MOUVEMENT DERIVE DE DONNEES D'IMAGERIE**
[72] SCHLEYER, PAUL, US
[72] HONG, INKI, US
[72] JONES, JUDSON P., US
[71] SIEMENS MEDICAL SOLUTIONS USA, INC., US
[85] 2020-10-02
[86] 2019-03-27 (PCT/US2019/024211)
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[30] US (62/652,942) 2018-04-05

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[51] **Int.Cl. A61K 31/201 (2006.01) A61K 31/231 (2006.01) A61P 25/02 (2006.01) A61P 25/28 (2006.01) A61P 39/06 (2006.01)**
[25] EN
[54] **ISOTOPICALLY MODIFIED COMPOSITION AND THERAPEUTIC USES THEREOF**
[54] **COMPOSITION ISOTOPIQUEMENT MODIFIEE ET SES UTILISATIONS THERAPEUTIQUES**
[72] SHCHEPINOV, MIKHAIL SERGEEVICH, US
[71] RETROTOPE, INC., US
[85] 2020-10-02
[86] 2019-04-03 (PCT/US2019/025646)
[87] (WO2019/195467)
[30] US (62/652,855) 2018-04-04

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/70 (2006.01) A61K 39/12 (2006.01) A61K 47/42 (2017.01)**
[25] EN
[54] **MICRONEEDLE COMPRISING SILK FIBROIN APPLIED TO A DISSOLVABLE BASE**
[54] **MICRO-AIGUILLE COMPRENANT DE LA FIBROINE DE SOIE APPLIQUEE SUR UNE BASE SOLUBLE**
[72] KOSUDA, KATHRYN M., US
[72] STINSON, JORDAN A., US
[72] BOOPATHY, ARCHANA V., US
[72] DIRCKX, MATTHEW, US
[72] KLUGE, JONATHAN A., US
[72] ZHANG, YICHEN, US
[72] PALMER, CARTER R., US
[72] SCHRADER, MICHAEL A., US
[71] VAXESS TECHNOLOGIES, INC., US
[85] 2020-10-02
[86] 2019-04-02 (PCT/US2019/025467)
[87] (WO2019/195350)
[30] US (62/652,275) 2018-04-03

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[51] **Int.Cl. A61K 35/12 (2015.01) A61K 35/35 (2015.01) A61K 35/51 (2015.01) A61K 35/28 (2015.01) A61P 19/02 (2006.01) A61P 19/08 (2006.01)**
[25] EN
[54] **METHODS OF TREATING CEREBRAL PALSY AND HYPOXIC-ISCHEMIC ENCEPHALOPATHY USING HUMAN UMBILICAL CORD TISSUE-DERIVED MESENCHYMAL STROMAL CELLS**
[54] **METHODES DE TRAITEMENT DE LA PARALYSIE CEREBRALE ET DE L'ENCEPHALOPATHIE HYPOXIQUE-ISCHEMIQUE A L'AIDE DE CELLULES STROMALES MESENCHYMATEUSES DERIVEES DE TISSU DE CORDON OMBILICAL HUMAIN**
[72] KURTZBERG, JOANNE, US
[72] SUN, JESSICA, US
[72] SONG, ALLEN, US
[72] COTTEN, CHARLES MICHAEL, US
[71] DUKE UNIVERSITY, US
[85] 2020-10-02
[86] 2019-04-04 (PCT/US2019/025796)
[87] (WO2019/195554)
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[51] **Int.Cl. A61K 9/50 (2006.01) A61K 35/00 (2006.01) C08B 37/00 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **IMPLANTABLE PARTICLES AND RELATED METHODS**
[54] **PARTICULES IMPLANTABLES ET PROCEDES ASSOCIES**
[72] MILLER, ROBERT JAMES, US
[72] BARNEY, LAUREN EMILY, US
[72] JOHNSTON, ERIKA ELLEN, US
[72] HEIDEBRECHT, RICHARD, US
[72] BEAUREGARD, MICHAEL, US
[72] VEISEH, OMID, US
[72] CARMONA, GUILLAUME, US
[72] GONZALEZ, FRANCISCO CABALLERO, US
[72] OBERLI, MATTHIAS ALEXANDER, US
[72] PERITT, DAVID, US
[72] SMITH, DEVYN MCKINLEY, US
[72] WOTTON, PAUL KEVIN, US
[72] O'CONNOR, OWEN, US
[72] SEWELL, JARED A., US
[71] SIGILON THERAPEUTICS, INC., US
[85] 2020-10-02
[86] 2019-03-27 (PCT/US2019/024371)
[87] (WO2019/195055)
[30] US (62/652,880) 2018-04-04
[30] US (62/737,838) 2018-09-27
[30] US (62/812,568) 2019-03-01

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[13] A1
[51] **Int.Cl. A61K 31/198 (2006.01) A61K 8/44 (2006.01) A61K 31/405 (2006.01) A61P 17/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR TREATING SKIN**
[54] **COMPOSITIONS POUR LE TRAITEMENT DE LA PEAU**
[72] VIDYASAGAR, SADASIVAN, US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED, US
[85] 2020-10-02
[86] 2019-04-04 (PCT/US2019/025857)
[87] (WO2019/195594)
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[51] **Int.Cl. C09K 8/584 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **METHODS FOR HYDROCARBON RECOVERY USING ALKOXYLATE EMULSIONS**
[54] **PROCEDES DE RECUPERATION D'HYDROCARBURES A L'AIDE D'EMULSIONS D'ALCOXYLATE**
[72] WEERASOORIYA, UPALI, US
[72] MOHANTY, KISHORE K., US
[72] PANTHI, KRISHNA, US
[72] SHARMA, HIMANSHU, US
[72] GHOSH, PINAKI, US
[72] OKUNO, RYOSUKE, US
[72] BAEK, KWANG HOON, US
[72] ABEYKOON, GAYAN ARUNA, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[71] HARCROS CHEMICALS, INC., US
[85] 2020-10-02
[86] 2019-04-04 (PCT/US2019/025871)
[87] (WO2019/195604)
[30] US (62/652,600) 2018-04-04
[30] US (62/659,238) 2018-04-18
[30] US (62/732,234) 2018-09-17

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[13] A1
[51] **Int.Cl. A61K 31/506 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)**
[25] EN
[54] **RET INHIBITOR FOR USE IN TREATING CANCER HAVING A RET ALTERATION**
[54] **INHIBITEUR DE RET DESTINE A ETRE UTILISE DANS LE TRAITEMENT DU CANCER PRESENTANT UNE ALTERATION DU RET**
[72] EVANS RAAB, ERICA, US
[72] WOLF, BENI B., US
[71] BLUEPRINT MEDICINES CORPORATION, US
[85] 2020-10-02
[86] 2019-04-03 (PCT/US2019/025655)
[87] (WO2019/195471)
[30] US (62/652,284) 2018-04-03
[30] US (62/656,297) 2018-04-11
[30] US (62/657,605) 2018-04-13
[30] US (62/741,683) 2018-10-05

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[13] A1
[51] **Int.Cl. C09K 8/584 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **ALKOXYLATE EMULSIONS**
[54] **EMULSIONS D'ALCOXYLATE**
[72] WEERASOORIYA, UPALI, US
[72] MOHANTY, KISHORE K., US
[72] PANTHI, KRISHNA, US
[72] SHARMA, HIMANSHU, US
[72] GHOSH, PINAKI, US
[72] OKUNO, RYOSUKE, US
[72] BAEK, KWANG HOON, US
[72] ABEYKOON, GAYAN ARUNA, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[71] HARCROS CHEMICALS, INC., US
[85] 2020-10-02
[86] 2019-04-04 (PCT/US2019/025873)
[87] (WO2019/195606)
[30] US (62/652,600) 2018-04-04
[30] US (62/659,238) 2018-04-18
[30] US (62/732,234) 2018-09-17

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[51] **Int.Cl. A61C 1/07 (2006.01) A61B 17/32 (2006.01) A61C 8/00 (2006.01) A61C 17/20 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR PERIODONTAL SCALING AND DEBRIDEMENT AND GUM TISSUE ABLATION FOR TREATING PERIODONTAL AND PERI-IMPLANT DISEASE**
[54] **PROCEDES ET APPAREIL DE DETARTRAGE ET DE DEBRIDEMENT PARODONTAUX ET D'ABLATION DE TISSU GINGIVAL POUR LE TRAITEMENT D'UNE MALADIE PARODONTALE ET PERI-IMPLANTAIRE**
[72] JACOBY, BENNETT H., US
[71] JACOBY, BENNETT H., US
[85] 2020-10-02
[86] 2019-03-27 (PCT/US2019/024396)
[87] (WO2019/195059)
[30] US (62/652,459) 2018-04-04
[30] US (16/295,769) 2019-03-07

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[54] **A CO TO CO2 COMBUSTION PROMOTER**
[54] **PROMOTEUR DE COMBUSTION DE CO A CO2**
[72] ARU, GUIDO, US
[71] COCHISE TECHNOLOGY, LLC, US
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[54] **SEPARATION OF MINERALS BY SPECIFIC GRAVITY**
[54] **SEPARATION DE MINERAUX PAR DENSITE RELATIVE**
[72] ROBBINS, JODY G., US
[72] WANTULOK, JOSEPH R., US
[71] ROBBINS, JODY G., US
[85] 2020-10-02
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[54] **MICROFLUIDIC SYSTEMS AND METHODS TO DENUDE MAMMALIAN OOCYTES**
[54] **SYSTEMES ET PROCEDES MICROFLUIDIQUES POUR DENUDER DES OVOCYTES DE MAMMIFERE**
[72] WENG, LINDONG, US
[72] LEE, GLORIA Y., US
[72] TONER, MEHMET, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2020-10-02
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[30] US (62/652,648) 2018-04-04
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[54] **VARIABLE SIZE SEAL AND METHOD**
[54] **JOINT A TAILLE VARIABLE ET PROCEDE ASSOCIE**
[72] GIRAUD, WILLIAM JULIUS MCPHIL, US
[72] KINGSBURY, BRIAN DUANE, US
[72] KLAK, ROBERT TOMASZ, PL
[71] CORNING RESEARCH & DEVELOPMENT CORPORATION, US
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[54] **AAV COMPOSITIONS, METHODS OF MAKING AND METHODS OF USE**
[54] **COMPOSITIONS DE VAA, PROCEDES DE PREPARATION ET METHODES D'UTILISATION**
[72] GIRARD, VALERIE, US
[72] TRURAN, RICHARD, GB
[72] ONG, TUYEN, GB
[71] NIGHTSTARX LIMITED, GB
[85] 2020-10-02
[86] 2019-04-05 (PCT/US2019/026064)
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[54] **HETERODIMERIC ANTIBODIES THAT BIND FIBROBLAST ACTIVATION PROTEIN**
[54] **ANTICORPS HETERODIMERES QUI SE LIENT A LA PROTEINE D'ACTIVATION DES FIBROBLASTES**
[72] DESJARLAIS, JOHN, US
[72] NISTHAL, ALEX, US
[72] CHU, SEUNG, US
[71] XENCOR, INC., US
[85] 2020-10-02
[86] 2019-04-04 (PCT/US2019/025898)
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[25] EN
[54] **SEALING CORNER BRACKET AND CABINET INCLUDING CORNER BRACKET**
[54] **SUPPORT D'ANGLE D'ETANCHEITE ET ARMOIRE COMPRENANT LE SUPPORT D'ANGLE**
[72] GIRAUD, WILLIAM JULIUS MCPHIL, US
[72] KINGSBURY, BRIAN DUANE, US
[72] KLAK, ROBERT TOMASZ, PL
[71] CORNING RESEARCH & DEVELOPMENT CORPORATION, US
[85] 2020-10-02
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[25] EN
[54] **COMPOSITIONS FOR TREATING KIDNEY DISEASE**
[54] **COMPOSITIONS POUR LE TRAITEMENT D'UNE RENOPATHIE**
[72] VAN DER PLOEG, LEONARDUS H.T., US
[72] GARFIELD, ALASTAIR, US
[72] MARION, VINCENT, FR
[71] RHYTHM PHARMACEUTICALS, INC., US
[71] UNIVERSITE DE STRASBOURG, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[85] 2020-10-02
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[30] US (62/653,997) 2018-04-06

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[54] **T-CELL INDUCING VACCINE COMPOSITION COMBINATIONS AND USES THEREOF**
[54] **COMBINAISONS DE COMPOSITIONS VACCINALES INDUISANT DES LYMPHOCYTES T ET LEURS UTILISATIONS**
[72] GEORGES, BERTRAND, GB
[72] ROBERTS, SCOT, US
[71] ALTIMMUNE, INC., US
[85] 2020-10-02
[86] 2019-04-04 (PCT/US2019/025902)
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[30] US (62/652,478) 2018-04-04
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[25] EN
[54] **SEALING BRACKET AND CABINET INCLUDING BRACKET**
[54] **SUPPORT D'ETANCHEITE ET ARMOIRE COMPRENANT UN SUPPORT**
[72] GIRAUD, WILLIAM JULIUS MCPHIL, US
[72] KINGSBURY, BRIAN DUANE, US
[72] KLAK, ROBERT TOMASZ, PL
[71] CORNING RESEARCH & DEVELOPMENT CORPORATION, US
[85] 2020-10-02
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[25] EN
[54] **OPIOID RECEPTOR MODULATORS AND PRODUCTS AND METHODS RELATED THERETO**
[54] **MODULATEURS DU RECEPTEUR OPIOIDE, PRODUITS ET PROCEDES ASSOCIES**
[72] MEDINA, JULIO CESAR, US
[72] MCGEE, LARRY, US
[72] WEI, ZHI-LIANG, US
[72] SADLOWSKI, CORINNE, US
[72] SEIDL, FREDERICK, US
[72] BHATT, ULHAS, US
[72] WANG, XIAODONG, US
[72] NGUYEN, THOMAS, US
[72] SPERANDIO, DAVID, US
[72] DING, PINGYU, US
[72] NERURKAR, ALOK, US
[72] LI, YIHONG, US
[72] DUQUETTE, JASON, US
[71] EPIODYNE, INC., US
[85] 2020-10-02
[86] 2019-04-04 (PCT/US2019/025910)
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[54] **MARKERS FOR CONSUMER PRODUCTS OR INDUSTRIAL PRODUCTS**
[54] **MARQUEURS POUR PRODUITS DE CONSOMMATION OU PRODUITS INDUSTRIELS**
[72] KELLER, RUPRECHT, DE
[71] IN-CODE TECHNOLOGIES LTD, GB
[85] 2020-04-17
[86] 2018-10-22 (PCT/EP2018/078936)
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[54] **TABLET OR COMPOSITION HAVING N-ACYL ETHANOLAMINE AND CANNABINOID**
[54] **COMPRIME OU COMPOSITION A BASE D'ETHANOLAMINE N-ACYLE ET DE CANNABINOIDE**
[72] KIMLESS, DEBRA, US
[72] ALTHAUS, JOHN, US
[72] GOLDNER, STEPHEN, US
[71] PURE, LLC, US
[85] 2020-10-02
[86] 2019-04-03 (PCT/US2019/025476)
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[51] **Int.Cl. B66C 1/66 (2006.01) B65G 1/04 (2006.01) B66F 9/07 (2006.01)**
[25] EN
[54] **TELESCOPIC PICK-UP FOR SHIFTING CONTAINERS IN HIGH-BAY WAREHOUSES**
[54] **DISPOSITIF TELESCOPIQUE DE RECEPTION SERVANT A DEPLACER DES CONTENEURS DANS DES MAGASINS DE GRANDE HAUTEUR**
[72] HOFMANN, KARL ROBERT, DE
[71] AMOVA GMBH, DE
[85] 2020-10-01
[86] 2019-04-16 (PCT/EP2019/059762)
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[30] DE (10 2018 205 933.0) 2018-04-18

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[25] EN
[54] **PLASTIC PREFORM AND CONTAINER WITH MODIFIED NECK**
[54] **PREFORME EN PLASTIQUE ET RECIPIENT A COL MODIFIE**
[72] VIEIRA, MIGUEL, BE
[72] DESSAINT, ALAIN, BE
[72] DEGROOTE, LAURENT, FR
[71] PLASTIPAK PACKAGING, INC., US
[85] 2020-10-02
[86] 2019-04-05 (PCT/US2019/025972)
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[25] EN
[54] **HELMET ACCESSORY MOUNT SYSTEM**
[54] **SYSTEME DE MONTAGE D'ACCESSOIRE DE CASQUE**
[72] O'CONNELL, JASON W., US
[71] GENTEX CORPORATION, US
[85] 2020-10-02
[86] 2019-04-05 (PCT/US2019/026111)
[87] (WO2019/195760)
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[51] **Int.Cl. H02J 15/00 (2006.01) H01M 8/18 (2006.01)**
[25] EN
[54] **METHOD OF TRANSMITTING ELECTRICITY**
[54] **PROCEDE DE TRANSMISSION D'ELECTRICITE**
[72] ROUSSELLE, ADAM R., SR., US
[72] WEBER, STEVEN, US
[72] WATKISS, JEFFREY DANA, US
[71] ALTERNATIVE TRANSMISSION INC., US
[85] 2020-10-02
[86] 2019-04-05 (PCT/US2019/026005)
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[30] US (62/653,707) 2018-04-06
[30] US (62/678,771) 2018-05-31

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[54] **COMPSTATIN ANALOGS WITH INCREASED SOLUBILITY AND IMPROVED PHARMACOKINETIC PROPERTIES**
[54] **ANALOGUES DE LA COMPSTATINE POSSEDANT UNE SOLUBILITE AUGMENTEE ET DES PROPRIETES PHARMACOCINETIQUES AMELIOREES**
[72] LAMBRIS, JOHN D., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2020-10-02
[86] 2019-04-05 (PCT/US2019/026040)
[87] (WO2019/195712)
[30] US (62/654,055) 2018-04-06

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[54] **MANEUVERABLE ERGONOMIC TRAILER STANDS**
[54] **SUPPORTS DE REMORQUE ERGONOMIQUES MAN□UVRABLES**
[72] DIBIASE, JOE, CA
[72] WIEGEL, AARON J., US
[72] OLSON, ANDY, US
[72] WAUGAMAN, CHARLES, US
[72] SWIFT, DAVID, US
[72] GRANT, DONALD, US
[72] WERNECKE, GARRET, US
[72] OATES, JAMES, US
[72] DONDLINGER, JASON, US
[72] KORMAN, JOE, US
[72] PARUCH, LUCAS I., US
[72] SNYDER, RONALD P., US
[72] DUESING, TONY, US
[71] RITE-HITE HOLDING CORPORATION, US
[71] DIBIASE, JOE, CA
[85] 2020-10-02
[86] 2019-04-05 (PCT/US2019/026160)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING SKIN DISEASE WITH RECOMBINANT MICROORGANISMS**
[54] **METHODES ET COMPOSITIONS DE TRAITEMENT DE MALADIES DE LA PEAU A L'AIDE DE MICRO-ORGANISMES RECOMBINANTS**
[72] WHITFILL, TRAVIS MICHAEL, US
[71] AZITRA INC, US
[85] 2020-10-02
[86] 2019-04-05 (PCT/US2019/026045)
[87] (WO2019/195714)
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[54] **COMPOSITIONS AND METHODS FOR TREATING MACULAR DYSTROPHY**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE LA DYSTROPHIE MACULAIRE**
[72] ROBINSON, GREGORY S., US
[72] MARTINEZ-FERNANDEZ DE LA CAMARA, CRISTINA, GB
[72] MACLAREN, ROBERT, GB
[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB
[71] NIGHTSTARX LIMITED, GB
[85] 2020-10-02
[86] 2019-04-05 (PCT/US2019/026062)
[87] (WO2019/195727)
[30] US (62/653,131) 2018-04-05

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[25] EN
[54] **BI-DIRECTIONAL SELF-ENERGIZING GASKETS**
[54] **JOINTS D'ETANCHEITE AUTO-ACTIVES BIDIRECTIONNELS**
[72] NITZKEN, JOSEPH A., US
[71] THERMAL ENGINEERING INTERNATIONAL (USA) INC., US
[85] 2020-10-02
[86] 2019-04-08 (PCT/US2019/026281)
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[54] **HEMP POWDER**
[54] **POUDRE DE CHANVRE**
[72] COLVIN, SEAN, US
[72] DAVIS, ROBERT, US
[72] BLACK, JACOB, US
[72] SMELTZER, THOMAS, US
[72] EVANYO, JOHN, US
[71] CANOPY HOLDINGS, LLC, US
[85] 2020-10-02
[86] 2019-04-05 (PCT/US2019/026093)
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[54] **BLOCKCHAIN PAYMENT SYSTEM**
[54] **SYSTEME DE PAIEMENT PAR CHAINE DE BLOCS**
[72] SOLIS, ERIC A., US
[71] SOLIS, ERIC A., US
[85] 2020-10-02
[86] 2019-04-08 (PCT/US2019/026388)
[87] (WO2019/195849)
[30] US (62/654,121) 2018-04-06
[30] US (62/700,052) 2018-07-18
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[25] EN
[54] **UNIVERSAL CAP FOR MALE AND FEMALE CONNECTORS**
[54] **CAPUCHON UNIVERSEL POUR RACCORDS MALE ET FEMELLE**
[72] MARICI, PAUL, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2020-10-02
[86] 2019-04-09 (PCT/US2019/026480)
[87] (WO2019/199745)
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[25] EN
[54] **GROWTH DIFFERENTIATION FACTOR 15 FUSION PROTEINS**
[54] **PROTEINES DE FUSION DU FACTEUR DE DIFFERENCIATION DE CROISSANCE 15**
[72] XIONG, YUMEI, US
[72] WALKER, KENNETH WILLIAM, US
[72] VENIANT ELLISON, MURIELLE MARIE, US
[71] AMGEN INC., US
[85] 2020-10-02
[86] 2019-04-08 (PCT/US2019/026369)
[87] (WO2019/199685)
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[25] EN
[54] **ONCOLYTIC ADENOVIRUS COMPOSITIONS WITH ENHANCED REPLICATION PROPERTIES**
[54] **COMPOSITIONS D'ADENOVIRUS ONCOLYTIQUES A PROPRIETES DE REPLICATION AUGMENTEES**
[72] MIYAKE-STONER, SHIGEKI, US
[72] O'SHEA, CLODAGH, US
[72] PARTLO, WILLIAM, US
[72] LYMAN, MICHAEL, US
[71] SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
[85] 2020-10-02
[86] 2019-04-09 (PCT/US2019/026626)
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[30] US (62/655,009) 2018-04-09

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[54] **AMLODIPINE FORMULATIONS**
[54] **FORMULATIONS D'AMLODIPINE**
[72] BRAUER, SCOTT, US
[72] MOSHER, GEROLD L., US
[71] SILVERGATE PHARMACEUTICALS, INC., US
[85] 2020-10-02
[86] 2019-04-11 (PCT/US2019/027044)
[87] (WO2019/200143)
[30] US (62/656,188) 2018-04-11

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[51] **Int.Cl. C12N 15/864 (2006.01) C12N 15/113 (2010.01) A61K 48/00 (2006.01) A61P 3/00 (2006.01) C12N 9/24 (2006.01) C12N 15/56 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **BICISTRONIC AAV VECTORS ENCODING HEXOSAMINIDASE ALPHA AND BETA-SUBUNITS AND USES THEREOF**
[54] **VECTEURS AAV BICISTRONIQUES CODANT POUR DES SOUS-UNITES ALPHA ET BETA D'HEXOSAMINIDASE ET LEURS UTILISATIONS**
[72] ESTEVES, MIGUEL SENA, US
[72] GOLEBIOWSKI, DIANE, US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2020-10-02
[86] 2019-04-12 (PCT/US2019/027271)
[87] (WO2019/200286)
[30] US (62/657,243) 2018-04-13

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G07C 9/00 (2020.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FACILITATING ACCESS TO A SECURED AREA**
[54] **SYSTEME ET PROCEDE PERMETTANT DE FACILITER L'ACCES A UNE ZONE SECURISEE**
[72] ALAMIN, MAURIEN, US
[72] COATES, STEPHEN CHARLES, US
[72] FARBER, JORDAN ARI, US
[72] JENKINS, JEREMY EUGENE, US
[72] KHAN, GHAZI TAHIR, US
[72] MANNINEN, ERIK JAMES, US
[72] MORRIS, DAVID R., US
[72] NORMAN, COREY JEVON, US
[72] PUDIPEDDI, SAPTA GIREESH, US
[72] SORICE, CORY JON, US
[72] STANEK, GREGORY JOHN, US
[71] THE CHAMBERLAIN GROUP, INC., US
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[30] US (62/659,535) 2018-04-18
[30] US (16/050,923) 2018-07-31

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[54] **SYSTEMS AND METHODS FOR VOICE-ACTIVATED CONTROL OF AN ACCESS CONTROL PLATFORM**
[54] **SYSTEMES ET PROCEDES DE COMMANDE VOCALE D'UNE PLATE-FORME DE COMMANDE D'ACCES**
[72] CATE, CASPARUS, US
[72] FITZGIBBON, JAMES J., US
[72] HECKMANN, MARTIN B., US
[72] JOHNSON, JAMES D., US
[72] MORRIS, DAVID R., US
[72] SORICE, CORY, US
[71] THE CHAMBERLAIN GROUP, INC., US
[85] 2020-10-02
[86] 2019-04-15 (PCT/US2019/027469)
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[30] US (62/658,375) 2018-04-16

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[51] **Int.Cl. F16B 5/01 (2006.01)**
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[54] **FASTENING SYSTEM, AND METHODS OF MAKING AND USING THE SYSTEM**
[54] **SYSTEME DE FIXATION, ET PROCEDES DE FABRICATION ET D'UTILISATION DU SYSTEME**
[72] BINGHAM, ROBERT J., US
[72] GUZMAN, EMANUEL, US
[71] RIGIDCORE GROUP LLC, US
[85] 2020-10-02
[86] 2019-04-22 (PCT/US2019/028457)
[87] (WO2019/209683)
[30] US (62/661,205) 2018-04-23

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[51] **Int.Cl. G16H 20/17 (2018.01) G16H 40/63 (2018.01) A61B 5/00 (2006.01) A61B 5/145 (2006.01)**
[25] EN
[54] **GLUCOSE SENSOR-BASED TRACKING SYSTEM**
[54] **SYSTEME DE SUIVI BASE SUR UN CAPTEUR DE GLUCOSE**
[72] DIAS, LOUIS, US
[72] FINLEY, ZACHARY J., US
[72] MANNING, ROBERT T., US
[72] OJEDA, AURIANA, US
[72] HAKAMI, HOOMAN C., US
[72] ANGLIN, JEFFREY L., US
[71] MEDTRONIC MINIMED, INC., US
[85] 2020-10-02
[86] 2019-04-22 (PCT/US2019/028461)
[87] (WO2019/209685)
[30] US (62/663,351) 2018-04-27
[30] US (62/663,464) 2018-04-27
[30] US (16/379,827) 2019-04-10

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[51] **Int.Cl. C09K 11/65 (2006.01) H05B 33/10 (2006.01) H05B 33/18 (2006.01)**
[25] EN
[54] **LUMINESCENT DIAMOND MATERIAL AND METHOD OF PRODUCING THE SAME**
[54] **MATERIAU LUMINESCENT DE DIAMANT ET PROCEDE POUR SA FABRICATION**
[72] DALIS, ADAMOS, US
[72] VAGARALI, SURESH SHANKARAPPA, US
[71] DIAMOND INNOVATIONS, INC., US
[85] 2020-10-02
[86] 2019-04-22 (PCT/US2019/028494)
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[30] US (62/661,813) 2018-04-24

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[51] **Int.Cl. A47K 5/16 (2006.01) B05B 11/00 (2006.01)**
[25] EN
[54] **FOAM-AT-A-DISTANCE SYSTEMS AND ANTI-DRIP MECHANISMS FOR SUCH SYSTEMS**
[54] **SYSTEMES DE MOUSSE A DISTANCE ET MECANISMES ANTI-GOUTTE POUR DE TELS SYSTEMES**
[72] CIAVARELLA, NICK E., US
[72] JENKINS, DENNIS K., US
[71] GOJO INDUSTRIES, INC., US
[85] 2020-10-02
[86] 2019-04-24 (PCT/US2019/028888)
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[30] US (62/662,258) 2018-04-25

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[51] **Int.Cl. C12N 9/22 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **TRANSGENIC PLANTS WITH ENHANCED TRAITS**
[54] **PLANTES TRANSGENIQUES DOTEES DE CARACTERISTIQUES AMELIOREES**
[72] ADAMS, THOMAS R., US
[72] DENG, MOLIAN, US
[72] DIETRICH, CHARLES, US
[72] DUFF, STEPHEN M., US
[72] GABBERT, KAREN K., US
[72] HOELSCHER, ANGEL D., US
[72] KARUNANANDAA, BALASULOJINI, US
[72] LUTFIYYA, LINDA L., US
[72] MALONE, MICHAEL H., US
[72] NEELAM, ANIL, US
[72] SLEWINSKI, THOMAS L., US
[72] SUN, JINDONG, US
[72] VENKATESH, TYAMAGONDLU V., US
[72] ZHAO, JIANMIN, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2020-10-02
[86] 2019-05-28 (PCT/US2019/034196)
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[30] US (62/677,448) 2018-05-29

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[51] **Int.Cl. B64C 39/02 (2006.01) B64C 27/08 (2006.01) B64D 47/08 (2006.01) G03B 15/00 (2006.01) G03B 17/56 (2006.01)**
[25] EN
[54] **UNMANNED AERIAL VEHICLES WITH STEREOSCOPIC IMAGING, AND ASSOCIATED SYSTEMS AND METHODS**
[54] **VEHICULES AERIENS SANS PILOTE A IMAGERIE STEREOSCOPIQUE, ET SYSTEMES ET PROCEDES ASSOCIES**
[72] SCHUETT, NATHAN, US
[72] HAMMOND, ASA, US
[71] PRENAV, INC., US
[85] 2020-10-02
[86] 2019-04-09 (PCT/US2019/026558)
[87] (WO2019/199804)
[30] US (62/655,109) 2018-04-09

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[51] **Int.Cl. C07K 16/46 (2006.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **MULTISPECIFIC POLYPEPTIDE CONSTRUCTS HAVING CONSTRAINED CD3 BINDING AND RELATED METHODS AND USES**
[54] **PRODUITS DE RECOMBINAISON DE POLYPEPTIDES PLURISPECIFIQUES COMPRENANT UNE FIXATION A CD3 CONTRAINTE ET METHODES D'UTILISATION ASSOCIEES**
[72] ECKELMAN, BRENDAN P., US
[72] KAPLAN, MICHAEL D., US
[72] WILLIS, KATELYN M., US
[72] TIMMER, JOHN C., US
[71] INHIBRX, INC., US
[85] 2020-10-02
[86] 2019-04-10 (PCT/US2019/026860)
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[30] US (62/656,331) 2018-04-11

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[51] **Int.Cl. A61K 9/00 (2006.01) A23P 10/28 (2016.01) A61J 3/00 (2006.01) A61K 9/06 (2006.01) A61K 9/16 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MAKING PERSONALIZED NUTRITIONAL AND PHARMACEUTICAL FORMULATIONS USING ADDITIVE MANUFACTURING**
[54] **PROCEDE ET SYSTEME DE FABRICATION DE FORMULATIONS NUTRITIONNELLES ET PHARMACEUTIQUES PERSONNALISEES UTILISANT LA FABRICATION PAR ADDITION**
[72] HUDSON, EDISON THURMAN, JR., US
[72] NOEL, LLOYD STATON, III, US
[72] HUGHES, ROBERT EUGENE, US
[71] PANACEA BIOMATX, INC., US
[85] 2020-10-04
[86] 2019-04-01 (PCT/US2019/025098)
[87] (WO2019/199505)
[30] US (62/655,280) 2018-04-10

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[13] A1
[51] **Int.Cl. A01K 5/02 (2006.01) A01K 15/02 (2006.01)**
[25] EN
[54] **ANIMAL FEED DISPENSER**
[54] **DISTRIBUTEUR D'ALIMENTS POUR ANIMAUX**
[72] HOLZBAUR, PETRA, AT
[71] WINGOLD GMBH, AT
[85] 2020-10-05
[86] 2018-10-22 (PCT/AT2018/060252)
[87] (WO2019/191791)
[30] AT (A50282/2018) 2018-04-06

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[13] A1
[51] **Int.Cl. A62D 3/33 (2007.01)**
[25] EN
[54] **STABILIZATION OF HAZARDOUS MATERIALS**
[54] **STABILISATION DE MATIERES DANGEREUSES**
[72] DEMOPOULOS, GEORGE, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
[85] 2020-10-05
[86] 2018-06-27 (PCT/CA2018/050790)
[87] (WO2019/000091)
[30] US (62/526,511) 2017-06-29

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[51] **Int.Cl. A61K 31/4184 (2006.01) A61K 31/166 (2006.01) A61K 31/473 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 31/55 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **A PARP INHIBITOR IN COMBINATION WITH A GLUCOCORTICOID AND/OR ASCORBIC ACID AND/OR A PROTEIN GROWTH FACTOR FOR THE TREATMENT OF IMPAIRED WOUND HEALING**
[54] **INHIBITEUR DE PARP EN COMBINAISON AVEC UN GLUCOCORTICOIDE ET/OU L'ACIDE ASCORBIQUE ET/OU UN FACTEUR DE CROISSANCE DE PROTEINE POUR LE TRAITEMENT D'UNE MAUVAISE CICATRISATION DE PLAIE**
[72] WOLFF-WINISKI, BARBARA, AT
[72] STUTZ, ANTON, AT
[72] DORFLER, PETRA, AT
[71] AKRIBES BIOMEDICAL GMBH, AT
[85] 2020-10-05
[86] 2018-04-24 (PCT/EP2018/060429)
[87] (WO2018/197461)
[30] EP (17000742.1) 2017-04-28

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[51] **Int.Cl. F21V 29/60 (2015.01) F21V 29/61 (2015.01) F21V 29/70 (2015.01) F21V 29/74 (2015.01) F21K 9/00 (2016.01) E21B 15/00 (2006.01)**
[25] EN
[54] **LIGHTWEIGHT LED LIGHTING SYSTEMS FOR PERMANENT AND SEMI-PERMANENT MOUNTING ON ELEVATED STRUCTURES HAVING INTEGRATED SUPPORT AND THERMAL TRANSFER FEATURES**
[54] **SYSTEMES D'ECLAIRAGE A DEL LEGERS DESTINES A ETRE MONTES DE MANIERE PERMANENTE ET SEMI-PERMANENTE SUR DES STRUCTURES SURELEVEES, AYANT DES ELEMENTS DE SUPPORT ET DE TRANSFERT THERMIQUE INTEGRES**
[72] CURLETT, JOSHUA, CA
[72] WANLIN, HUGUES, CA
[71] CLEANTEK INDUSTRIES INC., CA
[85] 2020-10-05
[86] 2019-04-04 (PCT/CA2019/050410)
[87] (WO2019/191843)
[30] US (62/652,747) 2018-04-04
[30] US (62/669,852) 2018-05-10
[30] US (62/673,440) 2018-05-18

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[51] **Int.Cl. G01J 3/18 (2006.01)**
[25] EN
[54] **HIGH RESOLUTION AND HIGH THROUGHPUT SPECTROMETER**
[54] **SPECTROMETRE A HAUTE RESOLUTION ET A HAUT RENDEMENT**
[72] BOUCHARD, PAUL, CA
[72] SABSABI, MOHAMAD, CA
[72] PADIOLEAU, CHRISTIAN, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2020-10-05
[86] 2019-04-24 (PCT/CA2019/050520)
[87] (WO2019/204928)
[30] US (62/662,468) 2018-04-25

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[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01) A61F 5/56 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR TREATING SLEEP RELATED BREATHING DISORDERS**
[54] **METHODE ET DISPOSITIF POUR TRAITER DES TROUBLES RESPIRATOIRES LIES AU SOMMEIL**
[72] CHASE, RACHEL, CA
[72] LUO, OLIVER, CA
[72] THRELFALL, RYAN, CA
[72] DU, JIA, CA
[71] ZENNEA TECHNOLOGIES INC., CA
[85] 2020-10-05
[86] 2019-05-27 (PCT/CA2019/050720)
[87] (WO2019/227203)
[30] US (62/679,496) 2018-06-01

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[13] A1
[51] **Int.Cl. C01B 25/02 (2006.01) B01J 31/00 (2006.01) C01B 25/00 (2006.01) C01B 25/043 (2006.01)**
[25] EN
[54] **METAL-FREE FEW-LAYER PHOSPHOROUS NANOMATERIAL: METHOD FOR ITS PREPARATION AND USE THEREOF**
[54] **NANOMATERIAU PHOSPHOREUX EXEMPT DE METAL A QUELQUES COUCHES, PROCEDE POUR SA PREPARATION ET SON UTILISATION**
[72] ZHANG, QINGZHE, CA
[72] CHAKER, MOHAMED, CA
[72] MA, DONGLING, CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
[85] 2020-10-05
[86] 2019-06-10 (PCT/CA2019/050813)
[87] (WO2019/237188)
[30] US (62/685,371) 2018-06-15

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[51] **Int.Cl. B22D 11/055 (2006.01)**
[25] EN
[54] **MOLD PLATE**
[54] **PLAQUE DE LINGOTIERE**
[72] ROLF, THOMAS, DE
[71] KME SPECIAL PRODUCTS GMBH, DE
[85] 2020-10-05
[86] 2019-08-14 (PCT/DE2019/100732)
[87] (WO2020/064045)
[30] DE (10 2018 123 948.3) 2018-09-27

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[13] A1
[51] **Int.Cl. F16B 2/12 (2006.01) A01G 13/02 (2006.01)**
[25] EN
[54] **A CLIP, AND CLIP AND CORD SYSTEM AND METHOD**
[54] **ORGANE DE FIXATION, ET SYSTEME ET PROCEDE D'ORGANE DE FIXATION ET DE CORDON**
[72] TOYE, JONATHAN DALLAS, NZ
[71] NINE IP LIMITED, NZ
[85] 2020-09-25
[86] 2019-03-29 (PCT/IB2019/052580)
[87] (WO2019/193470)
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[30] NZ (741351) 2018-04-05

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[13] A1
[51] **Int.Cl. B25B 7/06 (2006.01) B25G 1/04 (2006.01)**
[25] EN
[54] **A MANUAL TOOL HAVING A RETRACTABLE TOOL MEMBER**
[54] **OUTIL A MAIN COMPORTANT UNE PIECE D'OUTIL TELESCOPIQUE**
[72] LI, YUEMING, CN
[71] HANGZHOU UNITED TOOLS CO., LTD., CN
[71] HANGZHOU GREAT STAR INDUSTRIAL CO., LTD., CN
[85] 2020-10-05
[86] 2018-04-09 (PCT/CN2018/082341)
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[13] A1
[51] **Int.Cl. A61K 31/55 (2006.01) A61K 31/4184 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **RUCAPARIB, TALAZOPARIB, VELIPARIB, OLAPARIB AND AZD 2461 FOR TREATING IMPAIRED SKIN WOUND HEALING**
[54] **RUCAPARIB, TALAZOPARIB, VELIPARIB, OLAPARIB ET AZD 2461 POUR LE TRAITEMENT DE LA MAUVAISE CICATRISATION DE PLAIES SUR LA PEAU**
[72] WOLFF-WINISKI, BARBARA, AT
[72] STUTZ, ANTON, AT
[72] DORFLER, PETRA, AT
[71] AKRIBES BIOMEDICAL GMBH, AT
[85] 2020-10-05
[86] 2018-04-24 (PCT/EP2018/060435)
[87] (WO2018/197463)
[30] EP (17000743.9) 2017-04-28

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[13] A1
[51] **Int.Cl. B21B 39/14 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR GUIDING METAL STRIPS, COMPRISING GRINDING BODIES WITH SUPPORT ELEMENT**
[54] **DISPOSITIF ET PROCEDE POUR LE GUIDAGE DE BANDES METALLIQUES AVEC CORPS D'USURE ET ELEMENT SUPPORT**
[72] MOSER, FRIEDRICH, AT
[71] PRIMETALS TECHNOLOGIES AUSTRIA GMBH, AT
[85] 2020-10-05
[86] 2019-03-07 (PCT/EP2019/055733)
[87] (WO2019/197085)
[30] EP (18166960.7) 2018-04-12

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[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **ATF6 INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS D'ATF6 ET LEURS UTILISATIONS**
[72] ALFARO, JENNIFER, CL
[72] BELMAR, SEBASTIAN, CL
[72] NUNEZ VASQUEZ, GONZALO ESTEBAN, CL
[72] PUJALA, BRAHMAM, US
[72] SATHE, BALAJI DASHRATH, US
[72] BERNALES, SEBASTIAN, US
[72] CHAKRAVARTY, SARVAJIT, US
[72] THAKRAL, POOJA, US
[72] PATIDAR, RAJESH KUMAR, US
[71] BLACK BELT TX LTD, US
[85] 2020-10-02
[86] 2019-04-06 (PCT/US2019/026198)
[87] (WO2019/195810)
[30] US (62/654,263) 2018-04-06

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[13] A1
[51] **Int.Cl. A63H 33/04 (2006.01) A63H 33/08 (2006.01) A63H 33/22 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ASSISTED CONSTRUCTION**
[54] **SYSTEME ET PROCEDE DE CONSTRUCTION ASSISTEE**
[72] PRYDS LAURITSEN, MARTIN, DK
[72] KOBERG HOJGAARD CHRISTIANSEN, NICK JOEN PETER, DK
[71] BEADY SYSTEM APS, DK
[85] 2020-10-05
[86] 2019-03-14 (PCT/EP2019/056478)
[87] (WO2019/192820)
[30] EP (18165749.5) 2018-04-04

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[13] A1
[51] **Int.Cl. A61K 8/64 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **ENGINEERED TREATMENTS FOR HAIR REPAIR AND LONG-LASTING COLOR RETENTION**
[54] **TRAITEMENTS MODIFIES POUR LA REPARATION DES CHEVEUX ET LA RETENTION DE COULEUR DURABLE**
[72] OLSEN, BRADLEY DAVID, US
[72] KIM, SIEUN, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2020-10-02
[86] 2019-04-12 (PCT/US2019/027182)
[87] (WO2019/200233)
[30] US (62/657,344) 2018-04-13

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[13] A1
[51] **Int.Cl. B08B 9/045 (2006.01)**
[25] EN
[54] **ADAPTIVE CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE ADAPTATIF**
[72] LOKKINEN, MIKA, EE
[71] PICOTE SOLUTIONS INC., US
[85] 2020-10-05
[86] 2019-03-28 (PCT/EP2019/057899)
[87] (WO2019/197167)
[30] FI (20185331) 2018-04-09

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[13] A1
[51] **Int.Cl. H04W 8/26 (2009.01) H04W 12/04 (2009.01) H04W 12/06 (2009.01)**
[25] EN
[54] **UNIFIED SUBSCRIPTION IDENTIFIER MANAGEMENT IN COMMUNICATION SYSTEMS**
[54] **GESTION D'IDENTIFIANT D'ABONNEMENT UNIFIE DANS DES SYSTEMES DE COMMUNICATION**
[72] NAIR, SURESH, US
[72] JERICHOW, ANJA, DE
[72] BYKAMPADI, NAGENDRA S., IN
[72] SCHOINIANAKIS, DIMITRIOS, DE
[71] NOKIA TECHNOLOGIES OY, FI
[85] 2020-10-05
[86] 2019-04-04 (PCT/EP2019/058530)
[87] (WO2019/193105)
[30] IN (201841013099) 2018-04-05

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[13] A1
[51] **Int.Cl. C07D 333/18 (2006.01) A61K 31/445 (2006.01) A61P 25/00 (2006.01) C07C 311/18 (2006.01) C07D 207/09 (2006.01) C07D 211/34 (2006.01) C07D 213/34 (2006.01) C07D 233/84 (2006.01) C07D 235/08 (2006.01) C07D 239/38 (2006.01) C07D 239/80 (2006.01) C07D 265/30 (2006.01) C07D 333/34 (2006.01) C07D 333/40 (2006.01)**
[25] EN
[54] **BUMETANIDE DERIVATIVES FOR THE THERAPY OF HYPERHIDROSIS**
[54] **DERIVES DE BUMETANIDE POUR THERAPIE DE L'HYPERHIDROSE**
[72] ERKER, THOMAS, AT
[72] SCHREPPEL, PHILIPP, AT
[71] ZILENTIN AG, CH
[85] 2020-10-05
[86] 2019-04-05 (PCT/EP2019/058653)
[87] (WO2019/193159)
[30] EP (18166173.7) 2018-04-06

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[51] **Int.Cl. B01J 29/70 (2006.01) B01J 23/38 (2006.01) B01J 23/42 (2006.01) B01J 29/80 (2006.01) C07C 5/13 (2006.01) C10G 45/58 (2006.01) C10G 45/60 (2006.01) C10G 45/64 (2006.01) C10G 47/20 (2006.01) C10G 65/04 (2006.01) C10G 65/12 (2006.01)**
[25] EN
[54] **CATALYST SYSTEM FOR DEWAXING**
[54] **SYSTEME CATALYSEUR POUR LE DEPARAFFINAGE**
[72] JONGKIND, HERMANUS, NL
[72] RIGUTTO, MARCELLO STEFANO, NL
[72] ZUIDEMA, ERIK, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2020-10-05
[86] 2019-04-05 (PCT/EP2019/058673)
[87] (WO2019/201627)
[30] EP (18167764.2) 2018-04-17

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[13] A1
[51] **Int.Cl. A23K 50/00 (2016.01) A23K 50/80 (2016.01)**
[25] EN
[54] **USE OF ALPHA LIPOIC ACID AS A FEED ADDITIVE FOR AQUATIC ANIMALS**
[54] **UTILISATION D'ACIDE ALPHA-LIPOIQUE COMME ADDITIF ALIMENTAIRE POUR ANIMAUX AQUATIQUES**
[72] AASUM, ELISABETH, CH
[72] BICKERDIKE, RALPH, CH
[72] MARTIN, DAVID CHRISTIAN, CH
[72] VERLHAC, VIVIANE, CH
[71] DSM IP ASSETS B.V., NL
[71] BIOMAR GROUP A/S, DK
[85] 2020-10-05
[86] 2019-04-10 (PCT/EP2019/059166)
[87] (WO2019/197503)
[30] CH (00456/18) 2018-04-10

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[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 9/50 (2006.01) A61K 31/00 (2006.01)**
[25] EN
[54] **SUSTAINED RELEASE PYRIDOSTIGMINE COMPOSITIONS**
[54] **COMPOSITIONS A BASE DE PYRIDOSTIGMINE A LIBERATION PROLONGEE**
[72] NIKOLAKAKIS, IOANNIS, GR
[71] VIANEX S.A., GR
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[54] **POLYURETHANE FOAM FORMING COMPOSITIONS**
[54] **COMPOSITIONS DE FORMATION DE MOUSSE DE POLYURETHANE**
[72] TRIMBOS, YVO F.H, BE
[72] DUIJSTERS, THOMAS, BE
[72] BOEYKENS, IVAN, BE
[72] GEBOES, PETER, BE
[71] SOUDAL, BE
[85] 2020-10-05
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[54] **BASKETBALL SHOOTING TRAINING DEVICE**
[54] **DISPOSITIF D'ENTRAINEMENT DE LANCER DE BASKETBALL**
[72] LIAO, CHIEN-YI, CN
[71] LIAO, CHIEN-YI, CN
[85] 2020-10-05
[86] 2019-04-26 (PCT/CN2019/084618)
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[54] **METHODS FOR CANCER THERAPY**
[54] **METHODES DE TRAITEMENT DU CANCER**
[72] ZHAI, YIFAN, CN
[72] CHEN, ZI, CN
[72] JIANG, QIAN, CN
[72] HUANG, XIAOJUN, CN
[72] LIU, WEI, CN
[72] YANG, DAJUN, CN
[71] ASCENTAGE PHARMA (SUZHOU) CO., LTD., CN
[71] ASCENTAGE PHARMA GROUP CORP LIMITED, CN
[71] GUANGZHOU HEALTHQUEST PHARMA CO., LTD., CN
[85] 2020-10-05
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[54] **FLEXIBLE FIBER NODE CONNECTOR**
[54] **CONNECTEUR DE NOEUD DE FIBRES FLEXIBLE**
[72] MONTENA, NOAH P., US
[72] CRAWFORD, WILLIAM, US
[71] PPC BROADBAND, INC., US
[85] 2020-09-23
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[54] **METHODS FOR PREPARATION OF NUCLEIC ACID SEQUENCING LIBRARIES**
[54] **PROCEDES DE PREPARATION DE BANQUES DE SEQUENCAGE D'ACIDE NUCLEIQUE**
[72] RAMENANI, RAVI K., US
[72] SMITH, DUANE, US
[72] SOUMILLON, MAGALI, US
[72] MCEWEN, JASON M., US
[71] BERKELEY LIGHTS, INC., US
[85] 2020-09-23
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[25] EN
[54] **FRAC TRANSFER DIVERTER VALVE**
[54] **VANNE DE DERIVATION DE TRANSFERT DE FRACTURATION**
[72] COOK, JAMES, US
[72] BACA, BRIAN J., US
[72] PARTRIDGE, JEFFREY MICHAEL, US
[71] FMC TECHNOLOGIES, INC., US
[85] 2020-10-02
[86] 2019-04-17 (PCT/US2019/027986)
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[30] US (62/659,066) 2018-04-17

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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] ZAFAR, ASHAR, SE
[72] EKSTROM, JESPER, SE
[71] STORA ENSO OYJ, FI
[85] 2020-10-05
[86] 2019-04-16 (PCT/IB2019/053095)
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[30] SE (1850467-0) 2018-04-20

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[25] EN
[54] **PEN NEEDLE ASSEMBLY**
[54] **ENSEMBLE STYLO-INJECTEUR**
[72] POLITIS, VICTOR, US
[72] GYORY, JOHN, US
[72] ISKANDAR, JOSEPH, US
[72] CHAVES, ALEX, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2020-10-02
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[54] **PROCESS FOR PREPARING A BONDING RESIN**
[54] **PROCEDE DE PREPARATION D'UNE RESINE DE LIAISON**
[72] NASLI BAKIR, BEN, SE
[72] ZAFAR, ASHAR, SE
[72] EKSTROM, JESPER, SE
[71] STORA ENSO OYJ, FI
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[25] EN
[54] **PEN NEEDLE STORAGE**
[54] **STOCKAGE D'AIGUILLE DE STYLO**
[72] LIMAYE, AMIT, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2020-10-02
[86] 2019-04-26 (PCT/US2019/029281)
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[54] **STABLE PHARMACEUTICAL FORMULATION**
[54] **FORMULATION PHARMACEUTIQUE STABLE**
[72] MAURER, RETO, ES
[72] BUSSON, PATRICK, ES
[72] HUMMEL, GEORG, ES
[71] ORYZON GENOMICS, S.A., ES
[85] 2020-10-05
[86] 2019-05-06 (PCT/EP2019/061576)
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[54] **SCAFFOLDING COMPONENTS, SYSTEM AND METHOD**
[54] **COMPOSANTS D'ECHAFAUDAGE, SYSTEME ET PROCEDE**
[72] CERASI, MARK, US
[72] SNEERINGER, ANDREW, US
[71] SUR-LOC HOLDINGS, LLC, US
[85] 2020-10-02
[86] 2019-05-03 (PCT/US2019/030528)
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[30] US (62/666,272) 2018-05-03

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[25] EN
[54] **BINOCULAR SYSTEM FOR ENTERING COMMANDS**
[54] **SYSTEME BINOCULAIRE POUR SAISIR DES COMMANDES**
[72] EIL, MARTIN, DE
[71] ALCON INC., CH
[85] 2020-10-05
[86] 2019-06-18 (PCT/IB2019/055116)
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[25] EN
[54] **PRODRUGS OF NRF2 ACTIVATING COMPOUNDS AND USES THEREOF**
[54] **PROMEDICAMENTS DE COMPOSES ACTIVATEURS DE NRF2 ET LEURS UTILISATIONS**
[72] YU, JIAXIN, US
[72] FERNANDEZ, BETH, US
[72] PARK, GARY, US
[72] DARWISH, IHAB, US
[71] RIGEL PHARMACEUTICALS, INC., US
[85] 2020-10-02
[86] 2019-05-14 (PCT/US2019/032279)
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[25] EN
[54] **COMPACT RANKINE TURBOGENERATOR DEVICE FOR DISTRIBUTED CO-GENERATION OF HEAT AND ELECTRICITY**
[54] **DISPOSITIF TURBO-GENERATEUR A CYCLE DE RANKINE COMPACT POUR CO-GENERATION DISTRIBUEE DE CHALEUR ET D'ELECTRICITE**
[72] ECHENIQUE, ESTEBAN JOSE', AR
[72] LABOLLITA, SANTIAGO, AR
[71] SMART E, LLC, US
[85] 2020-10-02
[86] 2019-06-07 (PCT/US2019/036156)
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[25] EN
[54] **NOVEL PENAM DERIVATIVE OR SALT THEREOF, PHARMACEUTICAL COMPOSITION, AND APPLICATIONS THEREOF**
[54] **NOUVEAUX DERIVES DE PENAM OU SELS DE CEUX-CI, COMPOSITIONS PHARMACEUTIQUES ET UTILISATION ASSOCIEES**
[72] SHOJI, MUNEO, JP
[72] FURUYA, KENTARO, JP
[72] MATSUURA, KEI, JP
[72] NAKAE, TOMOFUMI, JP
[71] FUJIFILM CORPORATION, JP
[85] 2020-10-05
[86] 2019-04-05 (PCT/JP2019/015176)
[87] (WO2019/194306)
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[25] EN
[54] **INTIMATE CARE LUBRICANT COMPOSITIONS AND METHODS FOR MAKING SAME**
[54] **COMPOSITIONS LUBRIFIANTES POUR SOINS INTIMES ET PROCEDES DE PRODUCTION CORRESPONDANTS**
[72] KRZYSIK, DUANE, US
[71] CHEMSIL SILICONES, INC., US
[85] 2020-10-05
[86] 2019-03-06 (PCT/US2019/020899)
[87] (WO2019/199394)
[30] US (15/949,889) 2018-04-10

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[25] EN
[54] **PORTABLE SENSOR VALIDATION SYSTEM**
[54] **SYSTEME DE VALIDATION A CAPTEUR PORTATIF**
[72] BRENNAN, JAMES M., US
[72] WILHELMSEN, ERIC CHILD, US
[72] LINDSTROM, DANNY ELMER, US
[72] MCGINNIS, CHRISTOPHER MICHAEL, US
[71] SMARTWASH SOLUTIONS, LLC, US
[85] 2020-10-05
[86] 2018-04-13 (PCT/US2018/027673)
[87] (WO2019/199337)
[30] US (15/951,572) 2018-04-12

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[51] **Int.Cl. G06T 9/40 (2006.01) H04N 19/96 (2014.01) H04N 13/189 (2018.01)**
[25] EN
[54] **THREE-DIMENSIONAL DATA CODING METHOD, THREE-DIMENSIONAL DATA DECODING METHOD, THREE-DIMENSIONAL DATA CODING DEVICE, AND THREE-DIMENSIONAL DATA DECODING DEVICE**
[54] **PROCEDE DE CODAGE ET DE DECODAGE DE DONNEES TRIMDIMENSIONNELLES ET DISPOSITIF DE CODAGE ET DE DECODAGE DE DONNEES TRIDMENSIONNELLES**
[72] WANG, CHI, SG
[72] LASANG, PONGSAK, SG
[72] HAN, CHUNG DEAN, SG
[72] SUGIO, TOSHIYASU, SG
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[85] 2020-10-05
[86] 2019-04-05 (PCT/JP2019/015122)
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[51] **Int.Cl. F21S 4/24 (2016.01) F21V 23/06 (2006.01)**
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[54] **ENCAPSULATED LED STRIP WITHOUT A POWER SUPPLY**
[54] **BANDE DE DEL ENCAPSULEE SANS SOUCE D'ALIMENTATION**
[72] PEREIRA GONZALEZ, ANDRES, ES
[71] OHMIO SERVICIOS INTEGRALES, S.L., ES
[85] 2020-10-05
[86] 2018-11-15 (PCT/ES2018/070737)
[87] (WO2019/193218)
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[51] **Int.Cl. F21S 4/24 (2016.01) F21V 21/08 (2006.01) F21V 21/00 (2006.01)**
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[54] **LED STRIP WITH DISCONTINUOUS ILLUMINATION**
[54] **BANDE DE DEL A ECLAIRAGE DISCONTINU**
[72] PEREIRA GONZALEZ, ANDRES, ES
[71] OHMIO SERVICIOS INTEGRALES, S.L., ES
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[87] (WO2019/193219)
[30] ES (U201830475) 2018-04-06

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[25] FR
[54] **THERMOPLASTIC COMPOSITION COMPRISING A MICROWAVE-DEPOLYMERISATION SENSITISING COMPOUND**
[54] **COMPOSITION POUR THERMOPLASTIQUE COMPRENANT UN COMPOSE SENSIBILISANT A LA DEPOLYMERISATION PAR MICRO-ONDES**
[72] DUBOIS, JEAN-LUC, FR
[71] ARKEMA FRANCE, FR
[85] 2020-10-05
[86] 2019-04-26 (PCT/FR2019/050992)
[87] (WO2019/207265)
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[25] EN
[54] **FITTING DEVICE FOR MAKING CONNECTION TUBE**
[54] **DISPOSITIF DE RACCORD POUR LA FABRICATION D'UN TUBE DE RACCORDEMENT**
[72] KIM, JAE GON, KR
[72] SHIN, BYONG HWAN, KR
[71] KIM, BRIAN B., US
[85] 2020-10-05
[86] 2019-03-28 (PCT/US2019/024609)
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[30] KR (1020180040595) 2018-04-06
[30] US (16/175,081) 2018-10-30

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[25] EN
[54] **LEARNING MANAGEMENT SYSTEM FOR TASK-BASED OBJECTIVES**
[54] **SYSTEME DE GESTION D'APPRENTISSAGE POUR DES OBJECTIFS BASES SUR DES TACHES**
[72] COOK, MARK WILLIAM, US
[71] ILLUSTRO SOLUTIONS, LLC, US
[85] 2020-10-05
[86] 2019-04-01 (PCT/US2019/025105)
[87] (WO2019/195127)
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[25] EN
[54] **RFID MULTI-READ PORTAL**
[54] **PORTAIL LISANT DE MULTIPLES RFID**
[72] TETER, AARON, US
[72] MARKMAN, HERBERT, US
[72] MARKMAN, JEFFREY, US
[72] NAGAYUMI, SHINICHI, US
[72] DALTON, DANIEL G., US
[71] FUJITSU FRONTECH NORTH AMERICA INC., US
[85] 2020-10-05
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[30] US (62/654,702) 2018-04-09

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[25] EN
[54] **METALLO-LIOTHYRONINE**
[54] **METALLO-LIOTHYRONINE**
[72] PRICE, JOHN D., US
[72] PICCARIELLO, THOMAS, US
[72] MULHARE, MICHAELA E., US
[71] SYNTHONICS, INC., US
[85] 2020-10-05
[86] 2019-04-04 (PCT/US2019/025725)
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[30] US (62/652,705) 2018-04-04

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[25] EN
[54] **TRANS-ANTIGEN TARGETING IN HETEROGENEOUS CANCERS AND METHODS OF USE THEREOF**
[54] **TRANS-ANTIGENE CIBLANT LES CANCERS HETEROGENES ET METHODES D'UTILISATION ASSOCIEES**
[72] LIM, WENDELL A., US
[72] OKADA, HIDEHO, US
[72] ROYBAL, KOLE T., US
[72] CHOE, JOSEPH H., US
[72] WILLIAMS, JASPER Z., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2020-10-05
[86] 2019-04-04 (PCT/US2019/025829)
[87] (WO2019/195576)
[30] US (62/653,901) 2018-04-06

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[13] A1
[51] **Int.Cl. A61K 35/17 (2015.01) C07K 16/28 (2006.01)**
[25] EN
[54] **METHODS OF TREATING EGFRVIII EXPRESSING GLIOBLASTOMAS**
[54] **METHODES DE TRAITEMENT DE GLIOBLASTOMES EXPRIMANT L'EGFRVIII**
[72] LIM, WENDELL A., US
[72] OKADA, HIDEHO, US
[72] ROYBAL, KOLE T., US
[72] CHOE, JOSEPH H., US
[72] WATCHMAKER, PAYAL B., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2020-10-05
[86] 2019-04-04 (PCT/US2019/025846)
[87] (WO2019/195586)
[30] US (62/654,012) 2018-04-06
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[25] EN
[54] **QUANTITATIVE IMAGING SYSTEM AND USES THEREOF**
[54] **SYSTEME D'IMAGERIE QUANTITATIVE ET SES UTILISATIONS**
[72] ORAEVSKY, ALEXANDER A., US
[71] TOMOWAVE LABORATORIES, INC., US
[85] 2020-10-05
[86] 2019-04-04 (PCT/US2019/025885)
[87] (WO2019/195614)
[30] US (62/652,337) 2018-04-04

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[25] EN
[54] **IMPROVING CELL ACCESS PROCEDURE**
[54] **AMELIORATION D'UNE PROCEDURE D'ACCES A UNE CELLULE**
[72] KOZIOL, DAWID, PL
[72] HELMERS, HAKON, FR
[71] NOKIA TECHNOLOGIES OY, FI
[85] 2020-10-05
[86] 2018-04-05 (PCT/FI2018/050245)
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[51] **Int.Cl. D06M 15/00 (2006.01) D06M 16/00 (2006.01)**
[25] EN
[54] **DURABLE ANTIMICROBIAL TREATMENT OF TEXTILE FOR USE IN HEALTHCARE ENVIRONMENT**
[54] **TRAITEMENT ANTIMICROBIEN DURABLE DE TEXTILE DESTINE A ETRE UTILISE DANS UN ENVIRONNEMENT DE SOINS DE SANTE**
[72] LAU, JOHNSON YIU-NAM, US
[72] CHAN, DENISE SO BIK, CN
[72] CHIOU, JIACHI, CN
[72] KAN, CHI WAI, CN
[72] LAM, KIM HUNG, CN
[72] LAM, WAI HAN, CN
[72] YUNG, KA FU, CN
[71] AVALON POLYMILLS (HK) LIMITED, CN
[85] 2020-10-05
[86] 2019-04-04 (PCT/US2019/025887)
[87] (WO2019/195616)
[30] US (62/654,193) 2018-04-06

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[54] **SYSTEME D'INTERVENTION D'URGENCE**
[72] MACGABANN, PADRAIG, US
[71] MOSSMITH INDUSTRIES, INC., US
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[54] **SYSTEMS AND METHODS FOR FORMING A SPECIATED SOLUTION OF AMMONIUM CARBAMATE**
[54] **SYSTEMES ET PROCEDES DE FORMATION D'UNE SOLUTION SPECIALISEE DE CARBAMATE D'AMMONIUM**
[72] COUTINHO, CECIL, US
[72] MITCHELL, MICHAEL, US
[72] VINCIGUERRA, STEPHEN, US
[71] SOLENIS TECHNOLOGIES, L.P., US
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[54] **METHODS AND COMPOSITIONS FOR PHOTOPOLYMERIZABLE ADDITIVE MANUFACTURING**
[54] **PROCEDES ET COMPOSITIONS DE FABRICATION ADDITIVE PHOTOPOLYMERISABLE**
[72] VAUGHN, MICHAEL AARON, US
[72] SAINI, PRABHJOT, US
[71] POLY-MED, INC., US
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[54] **IUD INSERTION DEVICES AND RELATED METHODS AND KITS THEREFOR**
[54] **SYSTEMES D'INSERTION DE DISPOSITIFS INTRA-UTERINS (DIU), PROCEDES ET KITS ASSOCIES**
[72] DECKMAN, ROB, US
[72] SPONSEL, MARK ROBERT, US
[72] HOVDE, DAN, US
[72] GUYER, CURT, US
[71] MEDICINES360, US
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[54] **INTERNAL FULL MEMORY SEAT TRACK WITH INTERLOCK**
[54] **RAIL DE FIXATION DE SIEGE A MEMOIRE INTERNE COMPLETE AVEC VERROUILLAGE**
[72] PLOCH, STEVEN, US
[71] MAGNA SEATING INC., CA
[85] 2020-10-05
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[54] **METHODS AND APPARATUSES FOR OFFLOADING ULTRASOUND DATA**
[54] **PROCEDES ET APPAREILS DE DECHARGEMENT DE DONNES ULTRASONORES**
[72] ROTHBERG, JONATHAN M., US
[72] RALSTON, TYLER S., US
[72] SANCHEZ, NEVADA J., US
[72] MARTIN, JOHN, US
[72] PEYTON, GRAHAM, US
[72] SOLEIMANI, HAMID, US
[71] BUTTERFLY NETWORK, INC., US
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[54] **COMPOSITIONS AND METHODS COMPRISING ANTI-NRP2 ANTIBODIES**
[54] **COMPOSITIONS ET PROCEDES COMPRENANT DES ANTICORPS ANTI-NRP2**
[72] BURMAN, LUKE, US
[72] CHONG, YEE TING, US
[72] GENG, YANYAN, US
[72] GREENE, LESLIE NANGLE, US
[72] HAMEL, KRISTINA, US
[72] KING, DAVID, US
[72] MENEFEE, ANN, US
[72] RAUCH, KAITLYN, US
[72] XU, ZHIWEN, US
[72] ZHAI, LITING, US
[71] ATYR PHARMA, INC., US
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[54] **APPLIANCE FOR TREATING A TISSUE, INCLUDING ORIGINAL OPTICAL SYSTEMS OF DEFLECTION AND FOCUSING OF A LASER BEAM**
[54] **APPAREIL DE TRAITEMENT D'UN TISSU INCLUANT DES SYSTEMES OPTIQUES ORIGINAUX DE DEVIATION ET DE FOCALISATION D'UN FAISCEAU L.A.S.E.R.**
[72] BAUBEAU, EMMANUEL, FR
[71] KERANOVA, FR
[85] 2020-10-05
[86] 2019-04-05 (PCT/EP2019/058627)
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[54] **BRIDGE CRANE ARRANGEMENT**
[54] **AGENCEMENT DE PONT ROULANT**
[72] PEIPPO, JUHA, FI
[72] KALLIOKOSKI, KIRSI, FI
[71] KONECRANES GLOBAL CORPORATION, FI
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[54] **PRODUCTION & PROTECTION COMPOSITIONS (PPC)**
[54] **COMPOSITIONS DE PROTECTION ET PRODUCTION (PPC)**
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[71] HADIA, ALI, LY
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[54] **REPROGRAMMING VECTORS**
[54] **VECTEURS DE REPROGRAMMATION**
[72] KARBOWNICZEK, KINGA, GB
[72] CAPRONI, LISA, GB
[72] MCKAY, TRISTAN, GB
[72] THORNTON, CHRISTOPHER, GB
[71] TOUCHLIGHT IP LIMITED, GB
[85] 2020-10-05
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[25] EN
[54] **ANTIMICROBIAL, BACTERIOPHAGE-DERIVED POLYPEPTIDES AND THEIR USE AGAINST GRAM-NEGATIVE BACTERIA**
[54] **POLYPEPTIDES ANTIMICROBIENS, DERIVES DE BACTERIOPHAGES ET LEUR UTILISATION CONTRE DES BACTERIES A GRAM NEGATIF**
[72] SCHUCH, RAYMOND, US
[71] CONTRAFECT CORPORATION, US
[85] 2020-10-05
[86] 2019-03-29 (PCT/US2019/024854)
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[54] **ELEMENT ECHANGEUR POUR VEHICULE AINSI QUE VEHICULE EQUIPE DUDIT ELEMENT ECHANGEUR**
[72] HIRSCH, CHRISTIAN, DE
[72] GOPFERT, RONNY, DE
[72] WITT, MATHIAS, DE
[72] KOHLER, MARTINO, DE
[71] ZEHNDER GROUP INTERNATIONAL AG, CH
[71] PLASTIC CONCEPT GMBH, DE
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[54] **GRANULES DE MICRONUTRIMENTS ENCAPSULES POUR ENRICHISSEMENT DE COMPOSITIONS DE SEL COMESTIBLES**
[72] SHASHIKALA, M. N., IN
[72] JAGGAVARAPU, SATYANARAYANA REDDY, IN
[72] JADAV, PRITAM, IN
[72] SINGH, NISHA, IN
[71] TATA CHEMICALS LIMITED, IN
[71] TATA CONSUMER PRODUCTS LIMITED, IN
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[54] **CELLULE IMMUNITAIRE CYTOLYTIQUE MODIFIEE**
[72] PULE, MARTIN, GB
[72] CORDOBA, SHAUN, GB
[72] ONUOHA, SHIMOBI, GB
[72] KINNA, ALEX, GB
[72] THOMAS, SIMON, GB
[72] JHA, RAM, GB
[71] AUTOLUS LIMITED, GB
[85] 2020-10-05
[86] 2019-04-09 (PCT/GB2019/051031)
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[54] **NOUVEAU COMPOSE LACTONE ET NOUVEAU COMPOSE ETHER**
[72] ITOH, HISANORI, JP
[72] MATSUMOTO, TAKAJI, JP
[72] HARADA, MAKOTO, JP
[71] TAKASAGO INTERNATIONAL CORPORATION, JP
[71] TAKASAGO INTERNATIONAL CORPORATION, JP
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[54] **PROCEDE POUR LA SOLUBILISATION DE METAUX DE CUIVRE METALLOGENIQUEMENT PRIMAIRE A PARTIR DE MINERAIS ET/OU DE CONCENTRES CHALCOPYRITIQUES LES CONTENANT**
[72] CORTES CORTES, RODRIGO ANDRES, CL
[72] DOMIC MIHOVILOVIC, TIHOMIR EDUARDO, CL
[72] DOMIC MIHOVILOVIC, ESTEBAN MIGUEL, CL
[71] NOVA MINERALIS S.A., CL
[85] 2020-10-05
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[54] **REMOTE OPERATED VEHICLES AND/OR AUTONOMOUS UNDERWATER VEHICLES**
[54] **VEHICULES TELEGUIDES ET/OU VEHICULES SOUS-MARINS AUTONOMES**
[72] ANDERSON, CRAIG THOMAS, NZ
[72] KING, BENJAMIN MARTIN, NZ
[71] BOXFISH RESEARCH LIMITED, NZ
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[54] **PROTECTOR HOUSING PLASTIC SPIKE WITH FLASH INTENDED FOR DVO LAST DROP EXTRACTION**
[54] **PROTECTEUR DE POINTE EN PLASTIQUE AVEC BAVURE DESTINEE A L'EXTRACTION DE LA DERNIERE GOUTTE DVO**
[72] MARICI, PAUL PAIA, US
[71] BECTON DICKINSON AND COMPANY LIMITED, IE
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[54] **STABILIZER-CONTAINING SOLID DRUG FORMULATION**
[54] **FORMULATION DE MEDICAMENT SOLIDE CONTENANT UN STABILISANT**
[72] ARAI, HIROAKI, JP
[72] YOSHINAGA, SHINJI, JP
[72] OZAKI, YURIKA, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **INFLATION VIEWING DEVICE**
[54] **DISPOSITIF DE VISUALISATION DE GONFLAGE**
[72] COLUSSI, PRIMO ANTONIO, AR
[72] VENICA, NATALIO DOMINGO, AR
[71] COL-VEN S.A., AR
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[54] **MULTIFUNCTIONAL POLY METHYLAMINE SURFACTANT AND ITS METHOD OF PREPARATION**
[54] **TENSIOACTIF MULTIFONCTIONNEL A BASE DE POLYMETHYLAMINE ET SON PROCEDE DE PREPARATION**
[72] STATNII, IGOR, RO
[71] STATNII, IGOR, RO
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[54] **CENTER OF GRAVITY PROPULSION SPACE LAUNCH VEHICLES**
[54] **VEHICULES DE LANCEMENT SPATIAUX A PROPULSION SITUEE AU CENTRE DE GRAVITE**
[72] SHEERIN, GEOFFREY T., CA
[71] SHEERIN, GEOFFREY T., CA
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[54] **ELECTRONIC LOCK**
[54] **VERROU ELECTRONIQUE**
[72] TARTAL, WILLIAM ALBERT, US
[72] YESSIN, GABRIEL MICHAEL, US
[71] UNITED STATES POSTAL SERVICE, US
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[54] **SYSTEME ET PROCEDE ANTICHUTE A BORD D'ATTAQUE RESISTANT AUX COUPURES**
[72] HARDING, JEFFREY F., US
[72] HETRICH, MITCHELL H., US
[72] GRUPP, GREGORY M., US
[71] MSA TECHNOLOGY, LLC, US
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[30] US (62/653,995) 2018-04-06
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[25] EN
[54] **METHODS AND SYSTEMS FOR CHANGING A REFRACTIVE PROPERTY OF AN IMPLANTABLE INTRAOCULAR LENS**
[54] **PROCEDES ET SYSTEMES POUR MODIFIER UNE PROPRIETE DE REFRACTION D'UNE LENTILLE INTRAOCULAIRE IMPLANTABLE**
[72] SCHUELE, GEORGE, US
[72] VANKOV, ALEXANDER, US
[72] WANG, JENNY, US
[72] DEWEY, DAVID A., US
[72] WANG, TIANHENG, US
[72] WILTBERGER, MICHAEL, US
[72] STATE, MIHAI, NL
[72] GOODING, PHILLIP, US
[71] AMO DEVELOPMENT, LLC, US
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[54] **METHODS FOR RESTRICTING READ ACCESS TO SUPPLY CHIPS**
[54] **PROCEDES POUR RESTREINDRE UN ACCES DE LECTURE A DES PUCES D'ALIMENTATION**
[72] BUSH, STEPHEN PORTER, US
[72] WILLIAMS, JENNIFER TOPMILLER, US
[71] LEXMARK INTERNATIONAL, INC., US
[85] 2020-10-05
[86] 2019-04-16 (PCT/US2019/027709)
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[30] US (62/658,552) 2018-04-16
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[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES NKG2D**
[72] DAVILA, MARCO, US
[71] H. LEE MOFFITT CANCER CENTER AND RESEARCH INSTITUTE INC., US
[85] 2020-10-05
[86] 2019-04-04 (PCT/US2019/025771)
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[25] EN
[54] **CHIP AND SUPPLY ITEM FOR IMAGING DEVICE, INCLUDING COMMUNICATION**
[54] **PUCE ET ELEMENT D'APPROVISIONNEMENT POUR DISPOSITIF D'IMAGERIE, COMPRENANT UNE COMMUNICATION**
[72] BUSH, STEPHEN PORTER, US
[72] FOLEY, NATHAN WAYNE, US
[72] WILLIAMS, JENNIFER TOPMILLER, US
[72] ADKINS, CHRISTOPHER ALAN, US
[71] LEXMARK INTERNATIONAL, INC., US
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[30] US (15/952,376) 2018-04-13
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[30] US (15/952,382) 2018-04-13
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[25] EN
[54] **METHODS FOR DETECTING AND SUPPRESSING ALIGNMENT ERRORS CAUSED BY FUSION EVENTS**
[54] **PROCEDES DE DETECTION ET DE SUPPRESSION D'ERREURS D'ALIGNEMENT PROVOQUEES PAR DES EVENEMENTS DE FUSION**
[72] ARTIERI, CARLO, US
[72] SIKORA, MARCIN, US
[71] GUARDANT HEALTH, INC., US
[85] 2020-10-05
[86] 2019-04-12 (PCT/US2019/027337)
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[25] EN
[54] **WATER-SOLUBLE FILM**
[54] **FILM HYDROSOLUBLE**
[72] TANIKAWA, ATSUSHI, JP
[72] MIZOBATA, KAZUYUKI, JP
[71] AICELLO CORPORATION, JP
[85] 2020-09-30
[86] 2019-04-09 (PCT/JP2019/015370)
[87] (WO2019/198683)
[30] JP (2018-075766) 2018-04-10

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[13] A1
[51] **Int.Cl. A61K 31/7068 (2006.01) A61K 9/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **PRODRUGS OF DEOXYNUCLEOSIDES FOR TREATMENT OF DISEASES CASED BY UNBALANCED NUCLEOTIDE POOLS**
[54] **PROMEDICAMENTS DE DESOXYNUCLEOSIDES POUR LE TRAITEMENT DE MALADIES PROVOQUEES PAR DES GROUPES DE NUCLEOTIDES NON EQUILIBRES**
[72] DIPIETRO, DANIEL, US
[71] MODIS THERAPEUTICS INC., US
[85] 2020-10-05
[86] 2019-04-12 (PCT/US2019/027364)
[87] (WO2019/200340)
[30] US (62/656,861) 2018-04-12

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[51] **Int.Cl. H04N 21/25 (2011.01) H04N 21/258 (2011.01) H04N 21/262 (2011.01) H04N 21/432 (2011.01) H04N 21/433 (2011.01) H04N 21/45 (2011.01) H04N 21/466 (2011.01) H04N 21/61 (2011.01) H04N 21/658 (2011.01) H04N 21/81 (2011.01) H04N 21/84 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IP-BASED ASSET PACKAGE DISTRIBUTION FOR PROVISIONING TARGETED ADVERTISEMENTS**
[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION DE PAQUETS DE CONTENU BASEE IP, POUR FOURNIR DES PUBLICITES CIBLEES**
[72] CAVANAUGH, MICHAEL J., US
[71] DISH NETWORK, L.L.C., US
[85] 2020-10-05
[86] 2019-04-04 (PCT/US2019/025780)
[87] (WO2019/199568)
[30] US (15/951,512) 2018-04-12

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[51] **Int.Cl. H01J 49/06 (2006.01) G01N 27/62 (2006.01) H01J 49/20 (2006.01) H01J 49/22 (2006.01) H01J 49/26 (2006.01)**
[25] EN
[54] **SAMPLE ANALYSIS APPARATUS HAVING IMPROVED INPUT OPTICS AND COMPONENT ARRANGEMENT**
[54] **APPAREIL D'ANALYSE D'ECHANTILLON COMPORTANT UNE OPTIQUE D'ENTREE AMELIOREE ET UN AGENCEMENT DE COMPOSANTS**
[72] JUREK, RUSSELL, AU
[72] HUNTER, KEVIN, AU
[71] ADAPTAS SOLUTIONS PTY LTD, AU
[85] 2020-10-06
[86] 2019-04-12 (PCT/AU2019/050333)
[87] (WO2019/195896)
[30] AU (2018901240) 2018-04-13

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[13] A1
[51] **Int.Cl. B67D 1/04 (2006.01) B67D 1/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DISPENSING A BEVERAGE**
[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION DE BOISSON**
[72] BHUTANI, GURMEET SINGH, IN
[72] KAMBLE, RAHUL SADASHIV, IN
[71] PEPSICO, INC., US
[85] 2020-10-05
[86] 2019-04-15 (PCT/US2019/027497)
[87] (WO2019/209567)
[30] IN (201841015764) 2018-04-26

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[13] A1
[51] **Int.Cl. B63C 9/00 (2006.01) B63C 9/18 (2006.01)**
[25] EN
[54] **BOBBIN FOR AUTOMATIC INFLATOR**
[54] **BOBINE POUR DISPOSITIF DE GONFLAGE AUTOMATIQUE**
[72] HERNANDEZ, KRISTOPHER, US
[71] HALKEY-ROBERTS CORPORATION, US
[85] 2020-10-05
[86] 2019-04-05 (PCT/US2019/025928)
[87] (WO2019/195642)
[30] US (62/653,999) 2018-04-06
[30] US (16/375,256) 2019-04-04

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[51] **Int.Cl. C10L 5/00 (2006.01) C01B 32/05 (2017.01) C01B 32/16 (2017.01) C01B 3/30 (2006.01)**
[25] EN
[54] **A PROCESS FOR PRODUCING HYDROGEN AND CARBON PRODUCTS**
[54] **PROCEDE DE PRODUCTION D'HYDROGENE ET DE PRODUITS CARBONES**
[72] SPANU, LEONARDO, US
[72] MESTERS, CAROLUS MATTHIAS ANNA MARIA, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2020-10-06
[86] 2019-04-04 (PCT/EP2019/058456)
[87] (WO2019/197257)
[30] US (62/654,594) 2018-04-09

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[13] A1
[51] **Int.Cl. G06F 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR CHANGING ADDRESSES OF ONE OR MORE COMPONENTS**
[54] **SYSTEME ET PROCEDES DE CHANGEMENT D'ADRESSES D'UN OU DE PLUSIEURS COMPOSANTS**
[72] BUSH, STEPHEN P., US
[72] RADEMACHER, TIMOTHY JOHN, US
[71] LEXMARK INTERNATIONAL, INC., US
[85] 2020-10-05
[86] 2019-04-16 (PCT/US2019/027653)
[87] (WO2019/204292)
[30] US (15/954,355) 2018-04-16
[30] US (15/954,322) 2018-04-16

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[51] **Int.Cl. C12N 5/10 (2006.01) C12N 5/071 (2010.01) C12N 5/075 (2010.01) C12N 15/113 (2010.01) C12N 15/873 (2010.01) C12N 15/877 (2010.01) A01K 67/027 (2006.01) C12N 9/02 (2006.01) C12N 15/09 (2006.01) C12N 15/53 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR SOMATIC CELL REPROGRAMMING AND MODULATING IMPRINTING**
[54] **COMPOSITIONS ET PROCEDES DE REPROGRAMMATION DE CELLULES SOMATIQUES ET DE MODULATION D'IMPRESSION**
[72] ZHANG, YI, US
[72] MATOBA, SHOGO, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2020-10-05
[86] 2019-04-05 (PCT/US2019/026074)
[87] (WO2019/195738)
[30] US (62/654,199) 2018-04-06

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[13] A1
[51] **Int.Cl. C21D 10/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR LASER PEENING HIDDEN SURFACES**
[54] **APPAREIL DE MARTELAGE AU LASER DE SURFACES CACHEES**
[72] DULANEY, JEFF, US
[72] GROSSENBACHER, GARY, US
[71] LSP TECHNOLOGIES, INC., US
[85] 2020-10-05
[86] 2019-04-23 (PCT/US2019/028646)
[87] (WO2019/209786)
[30] US (62/661,161) 2018-04-23

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[13] A1
[51] **Int.Cl. E02B 8/06 (2006.01)**
[25] EN
[54] **GATE, LEAF, AND METHOD FOR CONTROLLING WATER LEVELS IN A BODY OF WATER**
[54] **PORTE, BATTANT, ET PROCEDE DE COMMANDE DE NIVEAUX D'EAU DANS UN CORPS D'EAU**
[72] WESTERMANN, GEROLD, CA
[72] DONNELLY, CHARLES RICHARD, CA
[71] HATCH LTD., CA
[85] 2020-10-06
[86] 2019-04-12 (PCT/CA2019/050448)
[87] (WO2019/200458)
[30] US (62/658,328) 2018-04-16

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[13] A1
[51] **Int.Cl. B07B 1/12 (2006.01) D21D 5/16 (2006.01)**
[25] EN
[54] **SCREENING DEVICE**
[54] **DISPOSITIF DE TAMISAGE**
[72] REINSTEIN, MICHAEL, DE
[72] LEHMANN, JURGEN, DE
[72] MICKELAT, THOMAS, DE
[71] ANDRITZ FIEDLER GMBH, DE
[85] 2020-10-06
[86] 2019-07-01 (PCT/EP2019/000199)
[87] (WO2020/007499)
[30] DE (10 2018 005 307.6) 2018-07-04

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[13] A1
[51] **Int.Cl. G16H 20/10 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MODIFYING ADAPTIVE DOSING REGIMENS**
[54] **SYSTEMES ET PROCEDES DE MODIFICATION DE REGIMES POSOLOGIQUES ADAPTATIFS**
[72] MOULD, DIANE R., US
[71] MOULD, DIANE R., US
[85] 2020-10-05
[86] 2019-04-23 (PCT/US2019/028750)
[87] (WO2019/209845)
[30] US (62/661,305) 2018-04-23
[30] US (62/815,825) 2019-03-08
[30] US (16/391,950) 2019-04-23

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[13] A1
[51] **Int.Cl. F25D 11/00 (2006.01) F25C 1/00 (2006.01) F25D 23/12 (2006.01)**
[25] EN
[54] **REFRIGERATOR COMPRISING AN ICE MAKER ASSEMBLY**
[54] **REFRIGERATEUR COMPRENANT UN ENSEMBLE MACHINE A GLACONS**
[72] TORRES, IVO ALBERTO PINTO, BR
[72] CUMAN, GUILHERME, BR
[71] ELECTROLUX DO BRASIL S.A., BR
[85] 2020-10-06
[86] 2018-04-20 (PCT/BR2018/050119)
[87] (WO2019/200443)

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[51] **Int.Cl. F03D 13/10 (2016.01) F03D 80/80 (2016.01) B66C 23/18 (2006.01)**
[25] EN
[54] **NACELLE MOUNTABLE LIFT SYSTEM FOR A WIND TURBINE**
[54] **SYSTEME D'ELEVATION POUVANT ETRE MONTE DANS UNE NACELLE POUR UNE TURBINE EOLIENNE**
[72] AITKEN, GLEN D., CA
[72] BAKKER, RUUD, NL
[71] LIFTWERX HOLDINGS INC., CA
[85] 2020-10-06
[86] 2019-05-01 (PCT/CA2019/050568)
[87] (WO2019/213748)
[30] US (62/667,458) 2018-05-05
[30] US (62/775,687) 2018-12-05

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[51] **Int.Cl. C12N 15/65 (2006.01) A61K 35/76 (2015.01) C12N 7/00 (2006.01) C12N 15/75 (2006.01) C12Q 1/14 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **INDICATOR BACTERIOPHAGE FOR SELECTING AND MONITORING FOR EFFICACY OF THERAPEUTICS AND METHODS FOR USING SAME**
[54] **BACTERIOPHAGE INDICATEUR POUR LA SELECTION ET LA SURVEILLANCE DE L'EFFICACITE D'AGENTS THERAPEUTIQUES ET PROCEDES D'UTILISATION DE CELUI-CI**
[72] GIL, JOSE S., US
[72] ERICKSON, STEPHEN, US
[72] NGUYEN, MINH MINDY BAO, US
[72] ANDERSON, DWIGHT LYMAN, US
[71] LABORATORY CORPORATION OF AMERICA HOLDINGS, US
[85] 2020-10-05
[86] 2019-04-24 (PCT/US2019/028967)
[87] (WO2019/209982)
[30] US (62/661,739) 2018-04-24

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[51] **Int.Cl. A61K 33/30 (2006.01) C12N 5/071 (2010.01) A61K 9/00 (2006.01) A61K 9/10 (2006.01) A61K 31/167 (2006.01) C07C 233/75 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR ENHANCING ION TRANSPORTER ACTIVITY AND USES THEREOF**
[54] **COMPOSITIONS ET METHODES POUR AMELIORER L'ACTIVITE DE TRANSPORTEUR D'IONS ET LEURS UTILISATIONS**
[72] RADZIOCH, DANUTA, CA
[72] HANRAHAN, JOHN, CA
[72] ABU-ARISH, ASMAHAN, CA
[72] GARIC, DUSAN, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
[85] 2020-10-06
[86] 2018-07-09 (PCT/CA2018/050832)
[87] (WO2019/200450)
[30] US (62/658,001) 2018-04-16

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[13] A1
[51] **Int.Cl. C12N 9/48 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **PATHOGEN-RESISTANT ANIMALS HAVING MODIFIED AMINOPEPTIDASE N (ANPEP) GENES**
[54] **ANIMAUX RESISTANTS AUX AGENTS PATHOGENES COMPRENANT DES GENES D'AMINOPEPTIDASE N MODIFIES (ANPEP)**
[72] PRATHER, RANDALL S., US
[72] WELLS, KEVIN D., US
[72] WHITWORTH, KRISTIN M., US
[71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US
[85] 2020-10-05
[86] 2019-04-26 (PCT/US2019/029356)
[87] (WO2019/210175)
[30] US (62/663,495) 2018-04-27

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[13] A1
[51] **Int.Cl. C10L 5/00 (2006.01) C01B 32/05 (2017.01) C01B 32/16 (2017.01) C01B 3/24 (2006.01) C01B 3/26 (2006.01)**
[25] EN
[54] **A PROCESS FOR PRODUCING HYDROGEN AND CARBON PRODUCTS**
[54] **PROCEDE DE PRODUCTION D'HYDROGENE ET DE PRODUITS CARBONES**
[72] GEERLINGS, JACOBUS JOHANNES CORNELIS, NL
[72] MESTERS, CAROLUS MATTHIAS ANNA MARIA, US
[72] SPANU, LEONARDO, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2020-10-06
[86] 2019-04-04 (PCT/EP2019/058450)
[87] (WO2019/197253)
[30] US (62/654604) 2018-04-09

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[13] A1
[51] **Int.Cl. A61K 31/352 (2006.01) A61K 39/39 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CANNABINOIDS AND DERIVATIVES FOR PROMOTING IMMUNOGENICITY OF TUMOR AND INFECTED CELLS**
[54] **CANNABINOIDES ET LEURS DERIVES POUR FAVORISER L'IMMUNOGENICITE DES CELLULES TUMORALES ET INFECTEES**
[72] GADEK, THOMAS RICHARD, US
[72] GRAY, PATRICK WILLIAM, US
[72] JEFFERIES, WILFRED ARTHUR, CA
[71] PASCAL BIOSCIENCES INC., CA
[85] 2020-07-14
[86] 2019-01-22 (PCT/US2019/014566)
[87] (WO2019/144126)
[30] US (62/620,017) 2018-01-22

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[13] A1
[51] **Int.Cl. B05B 15/60 (2018.01)**
[25] EN
[54] **ADAPTER FOR SELECTIVELY CONNECTING AN ACCESSORY TO A SPRAY GUN**
[54] **ADAPTATEUR PERMETTANT DE RACCORDER SELECTIVEMENT UN ACCESSOIRE A UN PISTOLET DE PULVERISATION**
[72] MASSE, JEAN-FRANCOIS, CA
[71] LES ENTREPRISES FRANCOIS MASSE INC., CA
[85] 2020-10-06
[86] 2019-04-09 (PCT/CA2019/050426)
[87] (WO2019/195927)
[30] US (62/656,442) 2018-04-12

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[13] A1
[51] **Int.Cl. A63F 1/00 (2006.01) A63F 13/00 (2014.01)**
[25] EN
[54] **A SYSTEM FOR A MASSIVE MULTI-PLAYER GAME OF SKILL**
[54] **SYSTEME POUR UN JEU DE COMPETENCES MASSIVEMENT MULTIJOUEUR**
[72] HIRSCH, DAVID BRIAN, US
[71] PLATFORM GAMING TECHNOLOGIES, INC., US
[85] 2020-10-05
[86] 2019-04-26 (PCT/US2019/029446)
[87] (WO2019/212906)
[30] US (62/664,347) 2018-04-30

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[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 38/095 (2019.01) A61K 31/4402 (2006.01) A61K 31/465 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **AN ORAL TABLET SUITABLE FOR FAST RELEASE OF ACTIVE PHARMACEUTICAL INGREDIENTS**
[54] **COMPRIME ORAL APPROPRIE POUR UNE LIBERATION RAPIDE D'INGREDIENTS PHARMACEUTIQUES ACTIFS**
[72] WITTORFF, HELLE, DK
[71] FERTIN PHARMA A/S, DE
[85] 2020-10-06
[86] 2019-05-15 (PCT/DK2019/050155)
[87] (WO2019/219145)
[30] US (15/982,937) 2018-05-17

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[13] A1
[51] **Int.Cl. C12N 15/86 (2006.01) C12N 9/22 (2006.01) C12N 15/63 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **GENE THERAPY FOR CNS DEGENERATION**
[54] **THERAPIE GENIQUE CONTRE LA DEGENERESCENCE DU SYSTEME NERVEUX CENTRAL (SNC)**
[72] KERAVALA, ANNAHITA, US
[72] BATTIPROLU, PAVEN, US
[72] PRABHAKAR, RAJ, US
[72] WONG, RODERICK, US
[72] PRATUMSUWAN, PIRATIP, US
[72] YALAMANCHI, NAVEEN, US
[71] ROCKET PHARMACEUTICALS, LTD., US
[85] 2020-10-05
[86] 2019-04-29 (PCT/US2019/029744)
[87] (WO2019/210325)
[30] US (62/664,006) 2018-04-27

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[13] A1
[51] **Int.Cl. A61C 7/00 (2006.01) A61C 7/10 (2006.01) A61C 7/18 (2006.01) A61F 5/50 (2006.01) A61C 7/22 (2006.01)**
[25] FR
[54] **DENTAL DEVICE**
[54] **DISPOSITIF DENTAIRE**
[72] BENAROUCH, DAN, FR
[72] MAJBRUCH, DELPHINE, FR
[71] D & D, FR
[85] 2020-10-06
[86] 2019-04-09 (PCT/EP2019/058945)
[87] (WO2019/197399)
[30] FR (1853065) 2018-04-09

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61K 9/68 (2006.01) A61K 31/455 (2006.01) A61K 47/26 (2006.01)**
[25] EN
[54] **AN ORAL TABLET SUITABLE FOR ACTIVE PHARMACEUTICAL INGREDIENTS COMPRISING NON-DIRECTLY COMPRESSIBLE SUGAR ALCOHOL PARTICLES**
[54] **COMPRIME ORAL APPROPRIE POUR DES INGREDIENTS PHARMACEUTIQUES ACTIFS COMPRENANT DES PARTICULES D'ALCOOL DE SUCRE NON DIRECTEMENT COMPRESSIBLES**
[72] WITTORFF, HELLE, DK
[71] FERTIN PHARMA A/S, DE
[85] 2020-10-06
[86] 2019-05-15 (PCT/DK2019/050156)
[87] (WO2019/219146)
[30] US (15/982,772) 2018-05-17

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[13] A1
[51] **Int.Cl. A61M 39/20 (2006.01) A61M 39/10 (2006.01) A61M 39/16 (2006.01)**
[25] EN
[54] **UNIVERSAL SINGLE-USE CAP FOR MALE AND FEMALE CONNECTORS**
[54] **CAPUCHON UNIVERSEL A USAGE UNIQUE POUR CONNECTEURS MALE ET FEMELLE**
[72] EREKOVCANSKI, NICHOLAS, US
[72] JIANG, CHANG, US
[72] MARICI, PAUL, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2020-10-05
[86] 2019-04-09 (PCT/US2019/026482)
[87] (WO2019/199747)
[30] US (62/655,489) 2018-04-10
[30] US (16/378,015) 2019-04-08

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[13] A1
[51] **Int.Cl. C01B 3/26 (2006.01) C01B 32/05 (2017.01)**
[25] EN
[54] **PYROLYSIS OF METHANE WITH A MOLTEN SALT BASED CATALYST SYSTEM**
[54] **PYROLYSE DE METHANE AVEC UN SYSTEME DE CATALYSEUR A BASE DE SEL FONDU**
[72] SPANU, LEONARDO, US
[72] MESTERS, CAROLUS MATTHIAS ANNA MARIA, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2020-10-06
[86] 2019-04-04 (PCT/EP2019/058453)
[87] (WO2019/197256)
[30] US (62/654,587) 2018-04-09

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[13] A1
[51] **Int.Cl. F27B 1/24 (2006.01) C21C 5/46 (2006.01)**
[25] EN
[54] **METALLURGICAL FURNACE HAVING AN INTEGRATED OFF-GAS HOOD**
[54] **FOUR METALLURGIQUE A PIPE DE CUEILLAGE D'EVACUATION DE GAZ INTEGREE**
[72] FERGUSON, SCOTT A., US
[72] WARD, TROY D., US
[71] SYSTEMS SPRAY-COOLED, INC., US
[85] 2020-10-05
[86] 2019-05-22 (PCT/US2019/033532)
[87] (WO2020/018175)
[30] US (62/699,537) 2018-07-17

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[13] A1
[51] **Int.Cl. C07D 301/03 (2006.01) C07C 29/10 (2006.01) C07D 301/32 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF ETHYLENE OXIDE**
[54] **PROCEDE DE FABRICATION D'OXYDE D'ETHYLENE**
[72] VAN ROSSUM, GUUS, NL
[72] ESPOSITO CASSIBBA, IVANA DANIELA, NL
[72] SCHOONEBEEK, RONALD JAN, NL
[72] BOS, ALOUISIUS NICOLAAS RENEE, NL
[72] SCHUT, PETER ALEXANDER, NL
[72] CALVO, LAURA MARIEL, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2020-10-06
[86] 2019-04-04 (PCT/EP2019/058446)
[87] (WO2019/197249)
[30] EP (18166282.6) 2018-04-09

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[13] A1
[51] **Int.Cl. A01K 61/13 (2017.01) A23K 20/10 (2016.01) A23K 50/80 (2016.01) A01K 61/59 (2017.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IMPROVING SURVIVABILITY OF AQUATIC ANIMALS**
[54] **COMPOSITIONS ET PROCEDES POUR AMELIORER LA CAPACITE DE SURVIE D'ANIMAUX AQUATIQUES**
[72] CARPENTER, RICHARD S., US
[72] BARNES, JOELLA, US
[72] CROCKETT, JOHN KENNEDY, US
[71] BIOWISH TECHNOLOGIES, INC., US
[85] 2020-10-05
[86] 2019-05-29 (PCT/US2019/034366)
[87] (WO2019/232026)
[30] US (62/677,372) 2018-05-29

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[13] A1
[51] **Int.Cl. A61K 47/65 (2017.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **ANTIBODY-DRUG CONJUGATES AND THEIR USES FOR THE TREATMENT OF CANCER**
[54] **CONJUGUES ANTICORPS-MEDICAMENT ET LEURS UTILISATIONS POUR LE TRAITEMENT DU CANCER**
[72] LAUNAY, PIERRE, FR
[72] SOUCHET, HERVE, FR
[72] BELANGER, CORALIE, FR
[71] INATHERYS, FR
[85] 2020-10-06
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[54] **CIGARETTE ELECTRONIQUE AVEC CAPUCHON DE PROTECTION**
[72] CLOUGH, RICHARD BRIAN, GB
[72] JAMES, ALED, GB
[72] ADAIR, KYLE, GB
[71] JT INTERNATIONAL SA, CH
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[25] EN
[54] **CYANO QUINOLINE AMIDE COMPOUNDS AS HER2 INHIBITORS AND METHODS OF USE**
[54] **COMPOSES CYANO QUINOLEINE AMIDE UTILISES EN TANT QU'INHIBITEURS DE HER2 ET PROCEDES D'UTILISATION**
[72] GRAY, NATHANAEL S., US
[72] JANG, JAEBONG, US
[72] JANNE, PASI, US
[72] SON, JIEUN, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[54] **COMBINATION OF NEAR INFRARED PHOTOIMMUNOTHERAPY TARGETING CANCER CELLS AND HOST-IMMUNE ACTIVATION**
[54] **COMBINAISON DE PHOTOIMMUNOTHERAPIE PROCHE INFRAROUGE CIBLANT DES CELLULES CANCEREUSES ET ACTIVATION IMMUNITAIRE HOTE**
[72] KOBAYASHI, HISATAKA, US
[72] CHOYKE, PETER, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[25] EN
[54] **CREAMER**
[54] **SUCCEDANE DE CREME**
[72] WOOSTER, TIMOTHY JAMES, CH
[72] SYRBE, AXEL, CH
[72] BEN SASSI, ELYES, CH
[72] PENSEYRES, LUDOVIC, CH
[72] SCHAFER, OLIVIER, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
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[25] EN
[54] **GAS LIQUID ABSORPTION DEVICE (GLAD) WITH REPLACEABLE GAS ORIFICE FITTINGS AND SENSORS**
[54] **DISPOSITIF D'ABSORPTION DE LIQUIDE GAZEUX (GLAD) AVEC RACCORDS ET CAPTEURS D'ORIFICE DE GAZ REMPLACABLES**
[72] PATEL, AKSHAYKUMAR, US
[72] TRAN, DERRICK, US
[71] FLOW CONTROL LLC., US
[85] 2020-10-05
[86] 2020-03-26 (PCT/US2020/024973)
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[54] **CATALYTIC CONVERSION OF CARBON DIOXIDE TO METHANOL**
[54] **CONVERSION CATALYTIQUE DU DIOXYDE DE CARBONE EN METHANOL**
[72] ABDUR-RASHID, KAREEM, CA
[72] JIA, WENLI, CA
[72] ABDUR-RASHID, KAMALUDDIN, CA
[71] KARE CHEMICAL TECHNOLOGIES INC., CA
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[51] **Int.Cl. C12N 15/117 (2010.01) A61K 39/12 (2006.01) C12N 7/00 (2006.01)**
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[54] **PACKAGING OLIGONUCLEOTIDES INTO VIRUS-LIKE PARTICLES**
[54] **ENCAPSULATION D'OLIGONUCLEOTIDES DANS DES PARTICULES PSEUDOVIRALES**
[72] WALTERS, EVAN DAVID, US
[72] HENNECKE, FRANK, CH
[71] CHECKMATE PHARMACEUTICALS, US
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[54] **PORTABLE IN-LINE CUTTING TOOL WITH STABILIZER**
[54] **OUTIL DE COUPE PORTABLE EN LIGNE AVEC STABILISATEUR**
[72] WASON, PETER MATTHEW, US
[71] HUBBELL INCORPORATED, US
[85] 2020-10-05
[86] 2019-04-09 (PCT/US2019/026493)
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[51] **Int.Cl. C07F 9/38 (2006.01) A61K 31/663 (2006.01) A61P 19/10 (2006.01)**
[25] EN
[54] **POLYMORPH OF SODIUM NERIDRONATE AND PREPARATION PROCESS THEREOF**
[54] **POLYMORPHE DE NERIDRONATE DE SODIUM ET SON PROCEDE DE PREPARATION**
[72] DINI, LAURA, IT
[72] NEGGIANI, FABIO, IT
[72] POLITI, BARBARA, IT
[72] GIAFFREDA, STEFANO LUCA, IT
[72] PETROLATI, ALEX, IT
[72] CHIARUCCI, MICHEL, IT
[72] FABBRONI, SERENA, IT
[72] ZHANG, KESHENG, CH
[72] ROEDER, MICHAEL, DE
[71] ABIOGEN PHARMA S.P.A., IT
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[25] EN
[54] **A METHOD FOR THE PRODUCTION OF A COATED PAPER, PAPERBOARD OR FILM AND A COATED PAPER, PAPERBOARD OR FILM**
[54] **PROCEDE DE PRODUCTION D'UN PAPIER COUCHE, D'UN CARTON OU D'UN FILM, AINSI QUE PAPIER COUCHE, CARTON OU FILM**
[72] HEISKANEN, ISTO, FI
[72] BACKFOLK, KAJ, FI
[72] KANKKUNEN, JUKKA, FI
[72] VEITOLA, ANTTI, FI
[71] STORA ENSO OYJ, FI
[85] 2020-10-06
[86] 2019-04-12 (PCT/IB2019/053020)
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[51] **Int.Cl. A61M 39/16 (2006.01) A61M 39/20 (2006.01)**
[25] EN
[54] **UNIVERSAL SINGLE-USE CAP FOR MALE AND FEMALE CONNECTORS**
[54] **CAPUCHON UNIVERSEL A USAGE UNIQUE POUR CONNECTEURS MALE ET FEMELLE**
[72] JIANG, CHANG, US
[72] CHARLES, NICHOLA, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2020-10-05
[86] 2019-04-09 (PCT/US2019/026534)
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[51] **Int.Cl. C25B 1/04 (2006.01) C25B 15/08 (2006.01)**
[25] EN
[54] **A METHOD FOR GENERATING SYNTHESIS GAS FOR USE IN HYDROFORMYLATION REACTIONS**
[54] **PROCEDE DE GENERATION D'UN GAZ DE SYNTHESE DESTINE A ETRE UTILISE DANS DES REACTIONS D'HYDROFORMYLATION**
[72] SCHJODT, NIELS CHRISTIAN, DK
[72] KUNGAS, RAINER, DK
[72] HINNEMANN, BERIT, DK
[72] BLENNOW, BENGT PETER GUSTAV, DK
[71] HALDOR TOPSOE A/S, DK
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[86] 2019-04-11 (PCT/EP2019/059201)
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[51] **Int.Cl. A61J 1/14 (2006.01) A61J 1/16 (2006.01) G21F 5/015 (2006.01) A61J 1/20 (2006.01)**
[25] EN
[54] **ACCESS AND VAPOR CONTAINMENT SYSTEM FOR A DRUG VIAL AND METHOD OF MAKING AND USING SAME**
[54] **SYSTEME D'ACCES ET DE CONFINEMENT DE VAPEUR POUR FLACON DE MEDICAMENT ET SON PROCEDE DE FABRICATION ET D'UTILISATION**
[72] CHUDEK, CHRISTOPHER WILLIAM, US
[72] FOSHEE, DAVID LEE, US
[72] HENSON, ROBERT WILLIAM, US
[72] RUSH, BENJAMIN L., US
[72] FULGHUM III, JESSE CARL, US
[72] TREVES, AMICHAI, US
[72] ZIGNEGO, JAY COLTON, US
[72] BROWKA, EDWARD PAUL, US
[72] MOSLER, THEODORE J., US
[71] HOSPIRA, INC., US
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[25] EN
[54] **ABSCISIC ACID FOR THE TREATMENT OF SKIN DISEASES**
[54] **ACIDE ABSCISSIQUE POUR LE TRAITEMENT DE MALADIES DE LA PEAU**
[72] EXPOSITO TARRES, OSCAR, ES
[72] JANE FONT, ALBERT, ES
[72] LAPLANA LASIERRA, SARA, ES
[72] MAS DUARTE, MARIA, ES
[72] RUIZ MEDINA, TARIK, ES
[72] GALLEGO PALACIOS, ANA, ES
[72] LUNA BISTUER, DANIEL, ES
[72] RAMOS RODRIGUEZ, ISABEL MAGDALENA, ES
[71] VYTRUS BIOTECH, S.L., ES
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[51] **Int.Cl. A01B 63/111 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **LOAD SENSOR BRACKET**
[54] **SUPPORT DE CAPTEUR DE CHARGE**
[72] PLATTNER, CHAD E, US
[71] PRECISION PLANTING LLC, US
[85] 2020-10-06
[86] 2019-06-17 (PCT/IB2019/055022)
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[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/20 (2006.01)**
[25] EN
[54] **COMPRESSOR AEROFOIL**
[54] **SURFACE PORTANTE DE COMPRESSEUR**
[72] BRUNI, GIUSEPPE, GB
[72] KRISHNABABU, SENTHIL, GB
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2020-10-06
[86] 2019-04-16 (PCT/EP2019/059850)
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[30] EP (18168894.6) 2018-04-24

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[51] **Int.Cl. A61K 49/04 (2006.01) A61K 31/765 (2006.01) A61P 9/00 (2006.01) C08F 8/18 (2006.01)**
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[54] **RADIOPAQUE POLYMERS**
[54] **POLYMERES RADIO-OPAQUES**
[72] LEWIS, ANDREW LENNARD, GB
[72] LORD, JASMINE, GB
[71] BIOCOMPATIBLES UK LIMITED, GB
[85] 2020-10-06
[86] 2019-06-26 (PCT/IB2019/055394)
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[51] **Int.Cl. B32B 3/06 (2006.01) B32B 3/28 (2006.01) B32B 38/04 (2006.01) F16B 5/06 (2006.01) F16S 1/00 (2006.01)**
[25] EN
[54] **COMBINED SHEETS AND METHOD AND SYSTEM FOR PRODUCING SAME**
[54] **FEUILLES COMBINEES ET SYSTEME DE PRODUCTION DE CELLES-CI**
[72] TORABI, ALI, CA
[72] TORABI, FARAZ, CA
[71] 10856479 CANADA INC., CA
[85] 2020-10-06
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[51] **Int.Cl. B01J 31/22 (2006.01)**
[25] EN
[54] **USE OF N-CHELATING RUTHENIUM COMPLEXES IN THE METATHESIS REACTION**
[54] **UTILISATION DE COMPLEXES DE RUTHENIUM N-CHELATANTS DANS LA REACTION DE METATHESE**
[72] GAWIN, RAFAL, PL
[72] KRAJCZY, PATRYK, PL
[72] GAWIN, ANNA, PL
[72] SKOWERSKI, KRZYSZTOF, PL
[71] APEIRON SYNTHESIS S.A., PL
[85] 2020-10-06
[86] 2019-07-10 (PCT/IB2019/055864)
[87] (WO2020/012370)
[30] PL (PL426318) 2018-07-12

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[25] EN
[54] **ANTIBODIES FOR CHELATED RADIONUCLIDES**
[54] **ANTICORPS POUR RADIONUCLEIDES CHELATES**
[72] KLEIN, CHRISTIAN, CH
[72] UMANA, PABLO, CH
[72] HAAS, ALEXANDER, DE
[72] WEISER, BARBARA, DE
[72] LIPSMEIER, FLORIAN, CH
[72] GEORGES, GUY, DE
[72] FENN, SEBASTIAN, DE
[72] MOELLEKEN, JOERG, DE
[72] BORMANN, FELIX, DE
[72] MATSCHEKO, DANIELA, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2020-10-06
[86] 2019-04-16 (PCT/EP2019/059856)
[87] (WO2019/201959)
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[51] **Int.Cl. A61K 9/20 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **DISINTEGRATING ORAL TABLET SUITABLE FOR ACTIVE PHARMACEUTICAL INGREDIENTS**
[54] **COMPRIME ORAL A DESINTEGRATION APPROPRIE POUR DES PRINCIPES ACTIFS PHARMACEUTIQUES**
[72] WITTORFF, HELLE, DK
[71] FERTIN PHARMA A/S, DE
[85] 2020-10-06
[86] 2019-05-15 (PCT/DK2019/050154)
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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/513 (2006.01) A61P 3/10 (2006.01) A61P 11/06 (2006.01) A61P 17/06 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/00 (2006.01) A61P 37/06 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **2,6-DIAMINO-3,4-DIHYDROPYRIMIDIN-4-ONE DERIVATIVES AND USE THEREOF IN THERAPY**
[54] **DERIVES DE 2,6-DIAMINO-3,4-DIHYDROPYRIMIDIN-4-ONE ET LEUR UTILISATION EN THERAPIE**
[72] BENGTSSON, CHRISTOFFER, SE
[72] BORHADE, SANJAY, SE
[72] HARALDSSON, MARTIN, SE
[72] HELLEDAY, THOMAS, SE
[72] HENRIKSSON, MARTIN, SE
[72] HOMAN, EVERT, SE
[72] PAULIN, CYNTHIA, SE
[72] SANDBERG, LARS, SE
[72] SCOBIE, MARTIN, SE
[72] STENMARK, PAL, SE
[72] VALLIN, KARL, SE
[71] THOMAS HELLEDAYS STIFTELSE FOR MEDICINSK FORSKNING, SE
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[30] GB (1806349.5) 2018-04-18

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[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION METHOD AND DEVICE, CHIP, AND SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE COMMUNICATION SANS FIL, PUCE, ET SYSTEME**
[72] LIN, YANAN, CN
[72] LIN, HUEI-MING, AU
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2020-10-06
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[25] EN
[54] **ARRAY ANTENNA APPARATUS AND COMMUNICATION DEVICE**
[54] **APPAREIL D'ANTENNE RESEAU ET DISPOSITIF DE COMMUNICATION**
[72] WATANABE, HIKARU, JP
[72] YAMAGUCHI, SATOSHI, JP
[72] FUKASAWA, TORU, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2020-10-06
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[25] EN
[54] **CAPPER/DECAPPER SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MACHINE A CAPSULER/DECAPSULER**
[72] SINNEMA, JURJEN, NL
[72] FEIJEN, FRANCISCUS, NL
[72] VAN DER DONG, HARM W., NL
[71] BD KIESTRA B.V., NL
[85] 2020-10-06
[86] 2019-04-18 (PCT/EP2019/060083)
[87] (WO2019/202078)
[30] US (62/659,915) 2018-04-19

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[51] **Int.Cl. H04W 4/02 (2018.01)**
[25] EN
[54] **WIRELESS NETWORK SERVICE ASSESSMENT**
[54] **EVALUATION DE SERVICE DE RESEAU SANS FIL**
[72] KNEBL, MATTHEW, US
[72] COVALIOV, ANDREI, US
[72] KOLTSOV, ARTEM, US
[71] OOKLA, LLC, US
[85] 2020-10-05
[86] 2019-04-11 (PCT/US2019/027040)
[87] (WO2019/200139)
[30] US (62/761,924) 2018-04-11

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[51] **Int.Cl. C12Q 1/6809 (2018.01) C12Q 1/6827 (2018.01) G06F 17/18 (2006.01)**
[25] EN
[54] **DETERMINATION OF FREQUENCY DISTRIBUTION OF NUCLEOTIDE SEQUENCE VARIANTS**
[54] **DETERMINATION DE LA DISTRIBUTION DE FREQUENCE DE VARIANTS DE SEQUENCE NUCLEOTIDIQUE**
[72] YUDOVICH, DAVID, SE
[72] LARSSON, JONAS, SE
[71] TIGERQ AB, SE
[85] 2020-10-06
[86] 2019-04-02 (PCT/SE2019/050299)
[87] (WO2019/199218)
[30] SE (1850405-0) 2018-04-11

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[25] EN
[54] **INHALER**
[54] **INHALATEUR**
[72] MINAMI, YUKI, JP
[72] KUDO, TAKAHISA, JP
[72] INAGAKI, MICHIHIRO, JP
[72] INOUE, JUMPEI, JP
[72] ABE, YUKI, JP
[72] GEERNAERT, ADAM, GB
[72] RUBICONI, FRANCK, GB
[72] COX, SIMON, GB
[72] RISHI, JOBANPUTRA, GB
[71] JAPAN TOBACCO INC., JP
[85] 2020-10-06
[86] 2019-04-09 (PCT/JP2019/015386)
[87] (WO2019/198688)
[30] JP (PCT/JP2018/015128) 2018-04-10
[30] JP (PCT/JP2018/046712) 2018-12-19

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[51] **Int.Cl. E02F 3/815 (2006.01) E02F 3/76 (2006.01)**
[25] EN
[54] **SERRATED BLADE ASSEMBLY USING DIFFERENTLY CONFIGURED COMPONENTS**
[54] **ELEMENT D'USURE**
[72] PARZYNSKI JR., DAVID B., US
[72] CONGDON, THOMAS M., US
[71] CATERPILLAR INC., US
[85] 2020-10-06
[86] 2019-03-15 (PCT/US2019/022501)
[87] (WO2019/199412)
[30] US (15/953,230) 2018-04-13

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[54] **STREPTOCOCCUS PNEUMONIAE CAPSULAR POLYSACCHARIDE AND IMMUNOGENIC CONJUGATE THEREOF**
[54] **POLYSACCHARIDES CAPSULAIRES DE STREPTOCOCCUS PNEUMONIAE ET CONJUGUES IMMUNOGENES DE CEUX-CI**
[72] KIM, HUN, KR
[72] HAM, DONG SOO, KR
[72] SHIN, JIN-HWAN, KR
[72] AN, KYUNG-JUN, KR
[72] KIM, SUNG-HYUN, KR
[71] SK BIOSCIENCE CO., LTD., KR
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[54] **HOSTED PAYLOAD OPERATIONS**
[54] **OPERATIONS DE CHARGE UTILE HEBERGEES**
[72] CHEN, YI-FENG JAMES, US
[72] KRIKORIAN, HAIG F., US
[72] WINIG, ROBERT J., US
[72] FISH, JONATHAN, US
[72] BENJAMIN, CRAIG, US
[71] THE BOEING COMPANY, US
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[25] EN
[54] **NOVEL EPITOPE OF IMMUNOGLOBULIN E, ANTIBODY BINDING THERETO, AND KIT FOR ANALYZING IMMUNOGLOBULIN E IN SAMPLE CONTAINING SAME**
[54] **NOUVEL EPITOPE DE L'IMMUNOGLOBULINE E, ANTICORPS SE LIANT A CELUI-CI, ET KIT D'ANALYSE DE L'IMMUNOGLOBULINE E DANS UN ECHANTILLON CONTENANT CELLE-CI**
[72] KIM, BONG HUI, KR
[72] PARK, EUN YOUNG, KR
[72] JANG, HA KYUNG, KR
[72] HONG, KWANG WON, KR
[71] SLSBIO CO., LTD., KR
[85] 2020-10-06
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[54] **IMPORTING MEDIA LIBRARIES USING GRAPHICAL INTERFACE ANALYSIS**
[54] **IMPORTATION DE BIBLIOTHEQUES MULTIMEDIA A L'AIDE D'UNE ANALYSE D'INTERFACE GRAPHIQUE**
[72] CORMICAN, NEIL, US
[71] GOOGLE LLC, US
[85] 2020-10-06
[86] 2018-05-22 (PCT/US2018/033966)
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[54] **MULTI-DIAMETER CATHETER AND RELATED DEVICES AND METHODS**
[54] **CATHETER A DIAMETRE MULTIPLE AINSI QUE DISPOSITIFS ET PROCEDES ASSOCIES**
[72] BURKHOLZ, JONATHAN KARL, US
[72] SPATARO, JOSEPH, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **ROLLER BEARING SEAL ASSEMBLY AND A COMPONENT THEREOF**
[54] **ENSEMBLE JOINT D'ETANCHEITE DE ROULEMENT A ROULEAUX ET COMPOSANT DE CELUI-CI**
[72] LIEBE, TIMOTHY M., US
[72] MASON, MICHAEL A., US
[71] AMSTED RAIL COMPANY, INC., US
[85] 2020-10-06
[86] 2019-03-26 (PCT/US2019/024056)
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[54] **MEDIA SOURCE MEASUREMENT FOR INCORPORATION INTO A CENSORED MEDIA CORPUS**
[54] **MESURE DE SOURCES MULTIMEDIAS POUR UNE INCORPORATION DANS UN CORPS MULTIMEDIA CENSURE**
[72] PETERSON, SCOTT, US
[71] GOOGLE LLC, US
[85] 2020-10-06
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[54] **CATHETER HAVING A HARD DISTAL TIP**
[54] **CATHETER AYANT UN EMBOUT DISTAL DUR**
[72] HARDING, WESTON, US
[72] BURKHOLZ, JONATHAN KARL, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2020-10-06
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[25] EN
[54] **SYSTEM AND METHOD FOR ASYNCHRONOUS, MULTIPLE CLOCK DOMAIN DATA STREAMS COALESCING AND RESYNCHRONIZATION**
[54] **SYSTEME ET PROCEDE POUR LA COALESCENCE ET LA RESYNCHRONISATION DE FLUX DE DONNEES ASYNCHRONES A MULTIPLES DOMAINES D'HORLOGE**
[72] LEE, WINSTON, US
[72] TAM, KIT S., US
[71] DEGIRUM CORPORATION, US
[85] 2020-10-06
[86] 2019-03-29 (PCT/US2019/024793)
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[54] **ROTATABLE VALVE AND ACTUATOR**
[54] **SOUPAPE ROTATIVE ET ACTIONNEUR**
[72] WANG, ZHANGGANG, US
[72] MARTINS DE FREITAS, TIAGO, IE
[71] BS&B INNOVATIONS LIMITED, IE
[71] WANG, ZHANGGANG, US
[71] MARTINS DE FREITAS, TIAGO, IE
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[25] EN
[54] **FITTING DEVICE FOR MAKING CONNECTION TUBE THAT CAN FINE POSITION ADJUSTMENT OF THE TUBE**
[54] **DISPOSITIF DE MONTAGE POUR LA FABRICATION D'UN TUBE DE RACCORDEMENT PERMETTANT UN REGLAGE FIN DE LA POSITION DU TUBE**
[72] KIM, JAE GON, KR
[72] SHIN, BYONG HWAN, KR
[71] KIM, BRIAN B., US
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[25] EN
[54] **METHODS FOR MAKING STABLE PROTEIN COMPOSITIONS**
[54] **PROCEDES DE PREPARATION DE COMPOSITIONS PROTEIQUES STABLES**
[72] CALLAHAN, WILLIAM, US
[72] DESANTIAGO, LORENZO, US
[72] TALLEY, CLEA, US
[72] WEXLER-COHEN, YAEL, US
[72] ABEL, JEFFREY, US
[72] KAUSHIK, RAHUL, US
[72] JACOB, NITYA MARIAM, US
[72] TRAN, CARSON, US
[72] BALL, NICOLE, US
[72] GOSS, MONICA, US
[71] AMGEN INC., US
[85] 2020-10-06
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[54] **GROWTH DIFFERENTIATION FACTOR 15 AGONIST COMPOUNDS AND METHODS OF USING THE SAME**
[54] **COMPOSES AGONISTES DU FACTEUR DE DIFFERENCIATION DE CROISSANCE 15 ET LEURS PROCEDES D'UTILISATION**
[72] GONCIARZ, MALGORZATA DONATA, US
[72] OBUNGU, VICTOR H., US
[72] PICKARD, RICHARD TODD, US
[71] ELI LILLY AND COMPANY, US
[85] 2020-10-06
[86] 2019-03-29 (PCT/US2019/024756)
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[54] **ASEPTIC AND LIQUID FOOD PACKAGING WITH AQUEOUS MULTIBARRIER COATINGS AND METHODS OF MAKING SAME**
[54] **EMBALLAGE D'ALIMENT ASEPTIQUE ET LIQUIDE AVEC REVETEMENTS MULTIBARRIERES AQUEUX ET PROCEDES DE FABRICATION DE CELUI-CI**
[72] FORTIN, LORI JEANNE, US
[71] GEORGIA-PACIFIC BLEACHED BOARD LLC, US
[85] 2020-10-06
[86] 2019-03-29 (PCT/US2019/024834)
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[25] EN
[54] **STERILIZATION PROCESS CHALLENGE DEVICE**
[54] **DISPOSITIF D'EVALUATION DE PROCESSUS DE STERILISATION**
[72] BALA, HARRY, US
[71] AMERICAN STERILIZER COMPANY, US
[85] 2020-10-06
[86] 2019-04-05 (PCT/US2019/025994)
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[25] EN
[54] **METHOD OF CULTIVATING LC-PUFA CONTAINING TRANSGENIC BRASSICA PLANTS**
[54] **PROCEDE DE CULTURE DE PLANTES BRASSICA TRANSGENIQUES CONTENANT DU LC-PUFA**
[72] DENG, XINMIN, US
[72] GRAY, KRISTIN, US
[72] HASAN, JAKIR, US
[72] HORTON, KEITH, US
[71] CARGILL, INCORPORATED, US
[85] 2020-10-06
[86] 2019-04-11 (PCT/US2019/027015)
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[30] US (62/657,128) 2018-04-13

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[51] **Int.Cl. B23K 26/04 (2014.01) B23K 26/34 (2014.01)**
[25] EN
[54] **ADDITIVE MANUFACTURING APPARATUS, SYSTEM, AND METHOD**
[54] **APPAREIL, SYSTEME ET PROCEDE DE FABRICATION ADDITIVE**
[72] KNECHT, FREDERICK, US
[72] LITTRELL, MICHAEL G., US
[71] PAXIS LLC, US
[85] 2020-10-06
[86] 2019-04-05 (PCT/US2019/026026)
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[54] **BIOMARKER FOR DETECTING CANCER**
[54] **BIOMARQUEUR POUR DETECTER LE CANCER**
[72] BRESALIER, ROBERT, US
[72] MAZUREK, NACHMAN, US
[72] BYRD, JAMES C., US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2020-10-06
[86] 2019-04-11 (PCT/US2019/027100)
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[51] **Int.Cl. E02F 3/815 (2006.01) E02F 9/28 (2006.01)**
[25] EN
[54] **DRAFTED TOOL BIT**
[54] **OUTIL RAPPORTE ETIRE**
[72] PARZYNSKI JR., DAVID B., US
[72] CONGDON, THOMAS M., US
[71] CATERPILLAR INC., US
[85] 2020-10-06
[86] 2019-04-12 (PCT/US2019/027132)
[87] (WO2019/200195)
[30] US (15/952,955) 2018-04-13

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[51] **Int.Cl. E21B 23/04 (2006.01) E21B 37/00 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **WELL LIFTING TOOL BASED ON NITROGEN PRODUCING CHEMISTRY**
[54] **OUTIL D'ELEVATION DE PUITS BASE SUR LA CHIMIE DE PRODUCTION D'AZOTE**
[72] AL-MULHEM, ABDULRAHMAN ABDULAZIZ, SA
[72] BATAWEEL, MOHAMMED ABDULLAH, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-10-06
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[54] **RETENTION SYSTEM FOR ATTACHING TOOL BITS TO A BLADE ASSEMBLY**
[54] **SYSTEME DE RETENUE POUR FIXER DES EMBOUTS D'OUTIL A UN ENSEMBLE LAME**
[72] PARZYNSKI JR., DAVID B., US
[72] CONGDON, THOMAS M., US
[71] CATERPILLAR INC., US
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[86] 2019-04-12 (PCT/US2019/027151)
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[25] EN
[54] **STRUCTURED NANOCOATINGS FOR THE STABILIZATION OF PLURIPOTENT STEM CELL MEDIA COMPONENTS**
[54] **NANOREVETEMENTS STRUCTURES POUR LA STABILISATION DE CONSTITUANTS DE MILIEUX DE CELLULES SOUCHES PLURIPOTENTES**
[72] MURPHY, WILLIAM L., US
[72] KHALIL, ANDREW, US
[72] XIE, ANGELA, US
[72] JOHNSON, HUNTER, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2020-10-06
[86] 2019-04-05 (PCT/US2019/026086)
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[25] EN
[54] **DEPLOYABLE GUARD FOR PORTABLE MAGNETIC RESONANCE IMAGING DEVICES**
[54] **PROTECTION DEPLOYABLE POUR DISPOSITIFS D'IMAGERIE PAR RESONANCE MAGNETIQUE PORTABLES**
[72] MCNULTY, CHRISTOPHER THOMAS, US
[72] POOLE, MICHAEL STEPHEN, US
[71] HYPERFINE RESEARCH, INC., US
[85] 2020-10-06
[86] 2019-04-19 (PCT/US2019/028228)
[87] (WO2019/204679)
[30] US (62/660,692) 2018-04-20

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[25] EN
[54] **CERAMIDE-LIKE LIPID-BASED DELIVERY VEHICLES AND USES THEREOF**
[54] **VEHICULES D'ADMINISTRATION A BASE D'UN LIPIDE DE TYPE CERAMIDE ET LEURS UTILISATIONS**
[72] LENCER, WAYNE I., US
[72] CHINNAPEN, DANIEL JF, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2020-10-06
[86] 2019-04-12 (PCT/US2019/027281)
[87] (WO2019/200293)
[30] US (62/656,474) 2018-04-12

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[51] **Int.Cl. G06F 21/32 (2013.01) G06F 21/62 (2013.01) H04L 29/06 (2006.01)**
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[54] **CONTROL VIEWING ACCESS TO DOCUMENTS IN COLLABORATIVE SCENARIOS USING FACIAL RECOGNITION FROM WEBCAMS**
[54] **COMMANDE D'ACCES A DES DOCUMENTS DANS DES SCENARIOS COLLABORATIFS A L'AIDE D'UNE RECONNAISSANCE FACIALE A PARTIR DE WEBCAMS**
[72] BULPIN, JAMES ROY, GB
[71] CITRIX SYSTEMS, INC., US
[85] 2020-10-06
[86] 2019-04-08 (PCT/US2019/026278)
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[30] US (15/970,079) 2018-05-03

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[54] **CERTAIN PLADIENOLIDE COMPOUNDS AND METHODS OF USE**
[54] **CERTAINS COMPOSES DE PLADIENOLIDE ET PROCEDES D'UTILISATION**
[72] KEANEY, GREGG F., US
[72] WANG, JOHN, US
[72] GERARD, BAUDOUIN, US
[72] ARAI, KENZO, JP
[72] LIU, XIANG, US
[72] ZHENG, GUO ZHU, US
[72] KIRA, KAZUNOBU, JP
[72] MARCAURELLE, LISA A., US
[72] NEVALAINEN, MARTA, US
[72] HAO, MING-HONG, US
[72] O'SHEA, MORGAN WELZEL, US
[72] TIVITMAHAISOON, PARCHAREE, US
[72] PRAJAPATI, SUDEEP, US
[72] LUO, TOUPING, US
[72] GEARHART, NICHOLAS C., US
[72] LOWE, JASON T., US
[72] KOTAKE, YOSHIHIKO, JP
[72] NAGAO, SATOSHI, JP
[72] KANADA SONOBE, REGINA MIKIE, JP
[72] MIYANO, MASAYUKI, JP
[72] MURAI, NORIO, JP
[72] COOK, ANDREW, US
[72] ELLERY, SHELBY, US
[72] ENDO, ATSUSHI, US
[72] PALACINO, JAMES, US
[72] REYNOLDS, DOMINIC, US
[71] EISAI R&D MANAGEMENT CO., LTD., JP
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[30] US (62/655,021) 2018-04-09
[30] US (62/679,653) 2018-06-01
[30] US (62/814,838) 2019-03-06
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[25] EN
[54] **CHIMERIC RECEPTOR T CELL TREATMENT USING CHARACTERISTICS OF THE TUMOR MICROENVIRONMENT**
[54] **TRAITEMENT A BASE DE LYMPHOCYTES T DE RECEPTEURS CHIMERES UTILISANT LES CARACTERISTIQUES DU MICRO-ENVIRONNEMENT TUMORAL**
[72] ROSSI, JOHN M., US
[72] BOT, ADRIAN, US
[71] KITE PHARMA, INC., US
[85] 2020-10-06
[86] 2019-04-12 (PCT/US2019/027332)
[87] (WO2019/200325)
[30] US (62/656,825) 2018-04-12
[30] US (62/827,770) 2019-04-01
[30] US (62/831,946) 2019-04-10

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[51] **Int.Cl. E01B 9/68 (2006.01) E01B 9/02 (2006.01)**
[25] EN
[54] **VEHICLE RAIL MOUNTING DEVICE**
[54] **DISPOSITIF DE MONTAGE DE RAIL DE VEHICULE**
[72] SCHONSTEIN, PETER, AU
[71] SPECTER INNOVATIONS GROUP PTY LTD, AU
[85] 2020-10-07
[86] 2019-04-11 (PCT/AU2019/050321)
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[30] AU (2018901202) 2018-04-11

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[25] EN
[54] **COATING COMPOSITIONS FOR POLYMERIC ROOFING MATERIALS**
[54] **COMPOSITIONS DE REVETEMENT POUR MATERIAUX POLYMERES DE COUVERTURE**
[72] HIBBEN, MARY JANE, US
[72] BULICK, ALLEN, US
[72] CRENSHAW, BRENT, US
[72] RODGERS, ASHLEY, US
[72] FRAZEE, GLENN, US
[72] SANDOVAL, ROBERT, US
[71] SWIMC LLC, US
[85] 2020-10-06
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[30] US (62/657,530) 2018-04-13

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[25] EN
[54] **SUBSTITUTED 4-AMINOISOINDOLINE-1,3-DIONE COMPOUNDS AND THEIR USE FOR TREATING LYMPHOMA**
[54] **COMPOSES DE 4-AMINOISOINDOLINE-1,3-DIONE SUBSTITUES ET LEUR UTILISATION POUR TRAITER UN LYMPHOME**
[72] ALEXANDER, MATTHEW D., US
[72] CARRANCIO, SORAYA, US
[72] CORREA, MATTHEW D., US
[72] GRANT, VIRGINIA HEATHER SHARRON, US
[72] HANSEN, JOSHUA, US
[72] HARRIS, ROY L., US
[72] HUANG, DEHUA, US
[72] KERCHER, TIMOTHY S., US
[72] LOPEZ-GIRONA, ANTONIA, US
[72] NAGY, MARK A., US
[72] PLANTEVIN-KRENITSKY, VERONIQUE, US
[71] CELGENE CORPORATION, US
[85] 2020-10-06
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[30] US (62/661,525) 2018-04-23

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[51] **Int.Cl. G06N 3/08 (2006.01) G06F 16/335 (2019.01)**
[25] EN
[54] **PROCESSING PERSONAL DATA USING MACHINE LEARNING ALGORITHMS, AND APPLICATIONS THEREOF**
[54] **TRAITEMENT DE DONNEES PERSONNELLES A L'AIDE D'ALGORITHMES D'APPRENTISSAGE MACHINE, ET APPLICATIONS ASSOCIEES**
[72] LINDNER, ROBERT RAYMOND, US
[71] VEDA DATA SOLUTIONS, INC., US
[85] 2020-10-06
[86] 2019-04-09 (PCT/US2019/026524)
[87] (WO2019/199778)
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[30] US (15/948,646) 2018-04-09
[30] US (15/948,652) 2018-04-09

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[51] **Int.Cl. A62C 35/68 (2006.01) A62C 3/02 (2006.01)**
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[54] **ELEVATED FIRE SUPPRESSION SYSTEM AND FIRE PROTECTION METHODS**
[54] **SYSTEME SURELEVE POUR ARRETER UN INCENDIE ET PROCEDES DE PROTECTION CONTRE L'INCENDIE**
[72] HALLETT, DONALD A., CA
[71] HALLETT, DONALD A., CA
[85] 2020-10-07
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[30] US (62/483,357) 2017-04-08

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[25] EN
[54] **RESCUING VOLTAGE-GATED SODIUM CHANNEL FUNCTION IN INHIBITORY NEURONS**
[54] **SAUVETAGE D'UNE FONCTION DE CANAL SODIQUE SENSIBLE A LA TENSION DANS DES NEURONES INHIBITEURS**
[72] MICH, JOHN K., US
[72] LEIN, EDWARD SEBASTIAN, US
[72] TING, JONATHAN, US
[72] LEVI, BOAZ P., US
[72] HESS, ERIK, US
[72] KALUME, FRANCK, US
[71] ALLEN INSTITUTE, US
[71] SEATTLE CHILDREN'S HOSPITAL D/B/A SEATTLE CHILDREN'S RESEARCH INSTITUTE, US
[85] 2020-10-06
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[30] US (62/655,043) 2018-04-09
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[54] **SYSTEM AND METHOD FOR LOCATING AN AREA OF INTEREST IN A CONDUIT**
[54] **SYSTEME ET PROCEDE POUR LOCALISER UNE ZONE D'INTERET DANS UN CONDUIT**
[72] DANKERS, ARNE, CA
[72] JALILIAN, SEYED EHSAN, CA
[71] HIFI ENGINEERING INC., CA
[85] 2020-10-07
[86] 2019-04-04 (PCT/CA2019/050415)
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[54] **SYSTEM AND METHOD FOR OPERATING MAGNETORHEOLOGICAL FLUID CLUTCH APPARATUS**
[54] **SYSTEME ET PROCEDE POUR FAIRE FONCTIONNER UN APPAREIL D'EMBRAYAGE A FLUIDE MAGNETO-RHEOLOGIQUE**
[72] LAROSE, PASCAL, CA
[72] CHOUINARD, PATRICK, CA
[72] PLANTE, JEAN-SEBASTIEN, CA
[72] JULIO, GUIFRE, CA
[71] EXONETIK INC., CA
[85] 2020-10-07
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[54] **IMPROVING THE SAFETY OF REINFORCEMENT LEARNING MODELS**
[54] **AMELIORATION DE LA SECURITE DE MODELES D'APPRENTISSAGE PAR RENFORCEMENT**
[72] HALDER, BIBHRAJIT, US
[71] SAFEAI, INC., US
[85] 2020-10-06
[86] 2019-04-09 (PCT/US2019/026641)
[87] (WO2019/199870)
[30] US (62/654,526) 2018-04-09
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[54] **POINT-TO-POINT DATABASE SYNCHRONIZATION OVER A TRANSPORT PROTOCOL**
[54] **SYNCHRONISATION DE BASE DE DONNEES POINT A POINT SUR UN PROTOCOLE DE TRANSPORT**
[72] CHENG, DEAN, US
[72] FINN, NORMAN, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2020-10-07
[86] 2019-04-06 (PCT/CN2019/081640)
[87] (WO2019/196760)
[30] US (62/655,625) 2018-04-10
[30] US (62/782,993) 2018-12-20

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[51] **Int.Cl. C04B 7/52 (2006.01) C04B 7/02 (2006.01) C04B 24/00 (2006.01) C04B 28/04 (2006.01)**
[25] EN
[54] **CEMENT AND PROCESS FOR PRODUCING SELF-PROTECTING CEMENT**
[54] **CIMENT ET PROCEDE POUR LA PRODUCTION D'UN CIMENT AUTOPROTECTEUR**
[72] OZERSKY, ALEXANDER, CA
[72] KHOMYAKOV, ALEXANDER, CA
[71] MACROCEMENT INDUSTRIES LTD., CA
[85] 2020-09-30
[86] 2019-10-07 (PCT/CA2019/051430)
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[30] US (62/743,796) 2018-10-10
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[25] EN
[54] **TECHNIQUES FOR CONSIDERING UNCERTAINTY IN USE OF ARTIFICIAL INTELLIGENCE MODELS**
[54] **TECHNIQUES POUR PRENDRE EN COMPTE L'INCERTITUDE LORS DE L'UTILISATION DE MODELES D'INTELLIGENCE ARTIFICIELLE**
[72] HALDER, BIBHRAJIT, US
[71] SAFEAI, INC., US
[85] 2020-10-06
[86] 2019-04-09 (PCT/US2019/026645)
[87] (WO2019/199873)
[30] US (62/654,526) 2018-04-09
[30] US (16/124,176) 2018-09-06
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[51] **Int.Cl. C07D 403/04 (2006.01) C07C 15/42 (2006.01) C07D 207/33 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING PYRROLOAMINOPYRIDAZINONE COMPOUND AND INTERMEDIATES THEREOF**
[54] **PROCEDE DE PREPARATION D'UN COMPOSE DE PYRROLOAMINOPYRIDAZINONE ET D'INTERMEDIAIRES DE CELUI-CI**
[72] ZHU, LINGJIAN, CN
[72] GUAN, ZHONGJUN, CN
[72] JIANG, WEI, CN
[72] HUANG, JIAN, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[71] SHANGHAI SHENGDI PHARMACEUTICAL CO., LTD, CN
[85] 2020-10-07
[86] 2019-04-12 (PCT/CN2019/082367)
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[51] **Int.Cl. G05D 1/00 (2006.01) B60W 30/182 (2020.01) B60W 30/14 (2006.01) B60W 30/18 (2012.01) G05D 1/02 (2020.01) G08G 1/09 (2006.01)**
[25] EN
[54] **DYNAMICALLY CONTROLLING SENSOR BEHAVIOR**
[54] **COMMANDE DYNAMIQUE DE COMPORTEMENT DE CAPTEUR**
[72] HALDER, BIBHRAJIT, US
[71] SAFEAI, INC., US
[85] 2020-10-06
[86] 2019-04-09 (PCT/US2019/026648)
[87] (WO2019/199876)
[30] US (62/654,526) 2018-04-09
[30] US (16/124,176) 2018-09-06
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[51] **Int.Cl. A41D 13/06 (2006.01) A41D 31/18 (2019.01) A41D 13/015 (2006.01) A41D 13/08 (2006.01)**
[25] EN
[54] **PROTECTIVE PAD ASSEMBLY WITH ELASTIC BAND AND SECURING COMPONENTS FOR GARMENT**
[54] **ENSEMBLE COUSSINET DE PROTECTION A BANDE ELASTIQUE ET COMPOSANTS DE FIXATION POUR VETEMENT**
[72] PICONE, JOHN A., US
[72] PARDILLO, JOSEPH M., US
[71] JP VENTURES, LLC, US
[85] 2020-10-06
[86] 2019-04-10 (PCT/US2019/026800)
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[51] **Int.Cl. A61C 7/10 (2006.01)**
[25] EN
[54] **RELEASABLE PALATAL EXPANDERS**
[54] **APPAREILS D'EXPANSION PALATINE LIBERABLES**
[72] KOPELMAN, AVI, US
[72] KIMURA, RYAN, US
[72] SHANJANI, YASER, US
[72] RILEY, JEREMY, US
[72] SATO, JUN, US
[72] GROVE, BOB, US
[72] SHIRAZI AGHJARI, REZA, US
[71] ALIGN TECHNOLOGY, INC., US
[85] 2020-10-06
[86] 2019-04-10 (PCT/US2019/026842)
[87] (WO2019/200008)
[30] US (62/656,289) 2018-04-11
[30] US (62/735,658) 2018-09-24

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[51] **Int.Cl. F01D 17/14 (2006.01) F02C 6/08 (2006.01) F04D 27/02 (2006.01) F16K 15/03 (2006.01)**
[25] EN
[54] **AIR BLEED DEVICE FOR AN AIRCRAFT ENGINE**
[54] **DISPOSITIF DE PRELEVEMENT D'AIR POUR UN MOTEUR D'AERONEF**
[72] DELAITRE, PASCAL XAVIER, FR
[72] LAGARDE, ROMAIN NICOLAS, FR
[72] PERROLLAZ, JEAN-MARC CLAUDE, FR
[72] TESSIEREAU, ANTONIN ETIENNE DIEGO, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2020-10-07
[86] 2019-03-29 (PCT/FR2019/050732)
[87] (WO2019/197744)
[30] FR (1853251) 2018-04-13

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[25] EN
[54] **METHODS FOR MONITORING AND TREATING PROSTATE CANCER**
[54] **METHODES DE SURVEILLANCE ET DE TRAITEMENT DU CANCER DE LA PROSTATE**
[72] YOUSEF, GEORGE M., CA
[72] FLESHNER, NEIL ERIC, CA
[71] UNITY HEALTH TORONTO, CA
[71] UNIVERSITY HEALTH NETWORK (UHN), CA
[85] 2020-10-07
[86] 2019-04-10 (PCT/CA2019/050437)
[87] (WO2019/195935)
[30] US (62/655,443) 2018-04-10

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[51] **Int.Cl. C07K 19/00 (2006.01) A61K 38/18 (2006.01) A61P 9/00 (2006.01) C07K 14/475 (2006.01) C07K 14/485 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **HUMAN NEUREGULIN-1 (NRG-1) RECOMBINANT FUSION PROTEIN COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS DE PROTEINES DE FUSION RECOMBINEES DE NEUREGULINE-1 HUMAINE (NRG-1) ET PROCEDES D'UTILISATION ASSOCIES**
[72] HUA, LIANG, CN
[72] LUO, PENGYI, CN
[72] WANG, YANG, CN
[72] LI, JOHN, US
[72] LI, SHENGWEI, CN
[72] LUO, DIXIANG, CN
[72] WU, YIRAN, CN
[72] ZHOU, MING, CN
[72] ZHUANG, XIAOLEI, US
[71] SALUBRIS BIOTHERAPEUTICS, INC., US
[71] GENEKEY BIOTECH (CHENGDU) CO., LTD., CN
[85] 2020-10-06
[86] 2019-04-11 (PCT/US2019/026889)
[87] (WO2019/200033)
[30] US (62/656,246) 2018-04-11

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[51] **Int.Cl. F16B 23/00 (2006.01)**
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[54] **ANTI-SLIPPAGE FASTENER**
[54] **ELEMENT DE FIXATION ANTI-GLISSEMENT**
[72] KUKUCKA, PAUL, US
[72] KUKUCKA, THOMAS STEFAN, US
[71] GRIP HOLDINGS LLC, US
[85] 2020-10-07
[86] 2019-03-04 (PCT/IB2019/051742)
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[30] US (62/637,692) 2018-03-02
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[51] **Int.Cl. H04B 10/70 (2013.01) H04L 9/08 (2006.01)**
[25] FR
[54] **RECONFIGURABLE PROCESSING DEVICE FOR QUANTUM COMMUNICATIONS**
[54] **DISPOSITIF DE TRAITEMENT RECONFIGURABLE POUR LES COMMUNICATIONS QUANTIQUES**
[72] KAPLAN, MARC, FR
[71] VERIQLOUD, FR
[85] 2020-10-07
[86] 2019-04-08 (PCT/FR2019/050814)
[87] (WO2019/207228)
[30] FR (1853595) 2018-04-24

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[51] **Int.Cl. C07C 211/14 (2006.01) A61K 31/132 (2006.01) A61P 1/16 (2006.01) A61P 25/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORM OF TRIETHYLENETETRAMINE TETRAHYDROCHLORIDE AND ITS PHARMACEUTICAL USE**
[54] **FORME CRISTALLINE DU TETRACHLORHYDRATE DE TRIETHYLENETETRAMINE ET UTILISATION PHARMACEUTIQUE CORRESPONDANTE**
[72] MORLEY, TIMOTHY JAMES, GB
[72] LAWRENCE, RONNIE MAXWELL, GB
[72] AMIN, NASEEM, GB
[71] GMP-ORPHAN SA, FR
[85] 2020-10-07
[86] 2019-05-03 (PCT/EP2019/061441)
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[30] EP (18290048.0) 2018-05-04

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[51] **Int.Cl. C07D 313/00 (2006.01) A61K 31/365 (2006.01) A61K 31/4025 (2006.01) A61K 31/416 (2006.01) A61K 31/4545 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 35/04 (2006.01) C07D 405/06 (2006.01) C07D 405/10 (2006.01) C07D 405/14 (2006.01) C07D 491/10 (2006.01) C07D 498/08 (2006.01)**
[25] EN
[54] **PLADIENOLIDE DERIVATIVES AS SPLICEOSOME TARGETING AGENTS FOR TREATING CANCER**
[54] **DERIVES DE PLADIENOLIDE EN TANT QU'AGENTS CIBLANT UN COMPLEXE D'EPISSAGE POUR LE TRAITEMENT DU CANCER**
[72] COOK, ANDREW, US
[72] REYNOLDS, DOMINIC, US
[72] ZHONG, CHENG, US
[72] BRAWN, RYAN, US
[72] ELLERY, SHELBY, US
[72] SAMARAKOON, THIWANKA, US
[72] LIU, XIANG, US
[72] PRAJAPATI, SUDEEP, US
[72] SHEEHAN, MEGAN, US
[72] LOWE, JASON T., US
[72] PALACINO, JAMES, US
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2020-10-06
[86] 2019-04-11 (PCT/US2019/026992)
[87] (WO2019/200100)
[30] US (62/656,865) 2018-04-12
[30] US (62/679,658) 2018-06-01
[30] US (62/814,824) 2019-03-06
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[51] **Int.Cl. C07K 7/06 (2006.01) A61K 38/10 (2006.01) A61K 38/16 (2006.01) C07K 7/08 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **METHODS AND USES OF MODULATORS OF ANAPHASE PROMOTING COMPLEX (APC) ACTIVITY FOR TREATING CANCER**
[54] **PROCEDES ET UTILISATIONS DE MODULATEURS DE L'ACTIVITE DU COMPLEXE FAVORISANT L'ANAPHASE (APC) POUR LE TRAITEMENT DU CANCER**
[72] HARKNESS, TROY, CA
[72] ARNASON, TERRA GAYLE, CA
[71] UNIVERSITY OF SASKATCHEWAN, CA
[85] 2020-10-01
[86] 2019-04-04 (PCT/CA2019/050414)
[87] (WO2019/191847)
[30] CA (PCT/CA2018/050414) 2018-04-04
[30] US (62/744,272) 2018-10-11

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[13] A1
[51] **Int.Cl. A61M 15/08 (2006.01)**
[25] EN
[54] **INTRANASAL DRUG DELIVERY DEVICE, SYSTEM, AND PROCESS**
[54] **DISPOSITIF, SYSTEME ET PROCEDE D'ADMINISTRATION INTRANASALE DE MEDICAMENT**
[72] ALT, DAVID JAMES, CA
[72] IRVING, KENNETH COLIN MACNARIN, CA
[72] JACKSON, JAMES PATRICK, CA
[72] OXLEY, PETER, CA
[72] COUBROUGH, KENZA ELIZABETH, US
[71] ROCKET SCIENCE HEALTH CORP., CA
[85] 2020-10-07
[86] 2019-04-12 (PCT/CA2019/050455)
[87] (WO2019/195944)
[30] US (62/656,463) 2018-04-12
[30] US (62/774,444) 2018-12-03

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[51] **Int.Cl. G06F 16/21 (2019.01) G06F 16/2453 (2019.01) G06F 16/2455 (2019.01)**
[25] EN
[54] **BUDGET TRACKING IN A DIFFERENTIALLY PRIVATE DATABASE SYSTEM**
[54] **SUIVI DE BUDGET DANS UN SYSTEME DE BASE DE DONNEES A CONFIDENTIALITE DIFFERENTIELLE**
[72] HOCKENBROCHT, CHRISTOPHER, US
[72] NERURKAR, ISHAAN, US
[72] DAMEWOOD, LIAM, US
[72] MARUSEAC, MIHAI, US
[72] ROZENSHTEYN, ALEXANDER, US
[71] LEAPYEAR TECHNOLOGIES, INC., US
[85] 2020-10-07
[86] 2019-01-24 (PCT/US2019/015035)
[87] (WO2019/199366)
[30] US (15/953,409) 2018-04-14

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[51] **Int.Cl. A61M 25/02 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **CATHETER SYSTEM WITH REMOTE INSTRUMENT DELIVERY**
[54] **SYSTEME DE CATHETER AVEC ADMINISTRATION D'INSTRUMENT A DISTANCE**
[72] BURKHOLZ, JONATHAN KARL, US
[72] BIHLMAIER, BRYAN F., US
[72] SPATARO, JOSEPH, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2020-10-06
[86] 2019-04-17 (PCT/US2019/027835)
[87] (WO2019/204413)
[30] US (62/660,630) 2018-04-20
[30] US (16/385,873) 2019-04-16

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[51] **Int.Cl. G01R 33/48 (2006.01) A61B 5/053 (2006.01) A61B 5/055 (2006.01) A61N 1/00 (2006.01) G01R 33/56 (2006.01) G01R 33/58 (2006.01)**
[25] EN
[54] **LOW FREQUENCY (<1 MHZ) AC CONDUCTIVITY ESTIMATES DERIVED FROM TWO MRI IMAGES HAVING DIFFERENT REPETITION TIMES**
[54] **ESTIMATIONS DE CONDUCTIVITE CA A BASSE FREQUENCE (<1 MHZ) DERIVEES DE DEUX IMAGES IRM AYANT DES TEMPS DE REPETITION DIFFERENTS**
[72] BOMZON, ZEEV, IL
[72] WENGER, CORNELIA, PT
[72] TEMPEL-BRAMI, CATHERINE, IL
[72] HERSHKOVICH, HADAS, IL
[72] GILADI, MOSHE, IL
[71] BOMZON, ZEEV, IL
[71] WENGER, CORNELIA, PT
[71] TEMPEL-BRAMI, CATHERINE, IL
[71] HERSHKOVICH, HADAS, IL
[71] GILADI, MOSHE, IL
[85] 2020-10-07
[86] 2019-04-09 (PCT/IB2019/052931)
[87] (WO2019/197999)
[30] US (62/655,670) 2018-04-10

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[51] **Int.Cl. A63F 9/12 (2006.01) A63F 9/06 (2006.01)**
[25] EN
[54] **PUZZLE**
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[72] SMITH, THOMAS COLIN, GB
[71] WOTCH CREATIONS LTD, GB
[85] 2020-10-07
[86] 2019-02-11 (PCT/GB2019/050356)
[87] (WO2019/207275)
[30] GB (1806760.3) 2018-04-25

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[13] A1
[51] **Int.Cl. F24H 1/10 (2006.01) F24H 9/18 (2006.01)**
[25] EN
[54] **FLUID HEATER WITH FINITE ELEMENT CONTROL**
[54] **DISPOSITIF DE CHAUFFAGE DE FLUIDE A COMMANDE D'ELEMENTS FINIS**
[72] WIECKOWSKI, MICHAEL J., US
[72] CATRON, WESTON SCOTT, US
[72] CALLAHAN, JEREMIAH M., US
[71] HEATWORKS TECHNOLOGIES, INC., US
[85] 2020-10-07
[86] 2019-03-22 (PCT/US2019/023611)
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[30] US (15/952,832) 2018-04-13

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[25] EN
[54] **PACKAGE**
[54] **EMBALLAGE**
[72] BARTOLI, ANDREA, IT
[72] CAPITINI, DAVIDE, IT
[71] SARONG SOCIETA' PER AZIONI, IT
[85] 2020-10-07
[86] 2019-04-11 (PCT/IB2019/052982)
[87] (WO2019/198021)
[30] IT (102018000004427) 2018-04-12
[30] IT (102018000004437) 2018-04-12

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[51] **Int.Cl. C07C 269/06 (2006.01) C07C 213/00 (2006.01) C07C 213/02 (2006.01) C07C 215/60 (2006.01) C07C 217/70 (2006.01) C07C 271/16 (2006.01) C07C 271/18 (2006.01)**
[25] EN
[54] **PROCESS FOR THE SYNTHESIS OF OPTICALLY ACTIVE BETA-AMINO ALCOHOLS**
[54] **PROCEDE DE SYNTHESE D'ALCOOLS BETA-AMINO OPTIQUEMENT ACTIFS**
[72] NISIC, FILIPPO, IT
[72] GARIS, FARIS, IT
[72] COLLI, CORRADO, IT
[72] BERTOLINI, GIORGIO, IT
[72] SADA, MARA, IT
[72] BERTUOLO, STEFANIA, IT
[72] RONZONI, SILVANO, IT
[72] DI FABIO, ROMANO, IT
[72] MAIORANA, STEFANO, IT
[71] OLON S.P.A., IT
[85] 2020-10-07
[86] 2019-04-11 (PCT/IB2019/052986)
[87] (WO2019/198023)
[30] IT (102018000004492) 2018-04-13

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[51] **Int.Cl. B29C 48/00 (2019.01) B29B 7/24 (2006.01) B29B 7/60 (2006.01) B29B 7/74 (2006.01) C08J 3/22 (2006.01)**
[25] EN
[54] **COLOURANT**
[54] **COLORANT**
[72] MORGAN, KEVIN, GB
[71] COLOUR TONE MASTERBATCH LTD, GB
[85] 2020-10-08
[86] 2019-03-06 (PCT/GB2019/050617)
[87] (WO2019/197796)
[30] GB (1805958.4) 2018-04-11

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[13] A1
[51] **Int.Cl. A01N 65/26 (2009.01) A01N 65/20 (2009.01) A01N 25/04 (2006.01) A01N 25/30 (2006.01)**
[25] EN
[54] **PESTICIDAL COMPOSITIONS WITH IMPROVED PHYSICAL CHARACTERISTICS**
[54] **COMPOSITIONS PESTICIDES PRESENTANT DES CARACTERISTIQUES PHYSIQUES AMELIOREES**
[72] LI, HANGSHENG, CA
[72] LIN, STEVEN CHUN HON, CA
[72] CHOU, DOUG TA HUNG, CA
[71] TERRAMERA, INC., CA
[85] 2020-10-07
[86] 2019-04-17 (PCT/CA2019/050484)
[87] (WO2019/195947)
[30] US (62/680,158) 2018-06-04

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[13] A1
[51] **Int.Cl. A61K 8/65 (2006.01) A61K 8/29 (2006.01) A61K 8/35 (2006.01) A61K 8/368 (2006.01) A61K 8/49 (2006.01) A61K 8/55 (2006.01) A61Q 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE TREATMENT AND/OR PREVENTION OF DAMAGED KERATIN**
[54] **METHODE POUR LE TRAITEMENT ET/OU LA PREVENTION DE LA KERATINE ENDOMMAGEE**
[72] SIVLER, PETTER, SE
[72] RAVICHANDRAN, RANJITHKUMAR, SE
[72] RAVICHANDRAN, RANJITHKUMAR, SE
[71] SIVLER, PETTER, SE
[71] RAVICHANDRAN, RANJITHKUMAR, SE
[85] 2020-10-07
[86] 2019-04-19 (PCT/IB2019/053271)
[87] (WO2019/207447)
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[51] **Int.Cl. A61M 39/24 (2006.01) A61M 5/165 (2006.01)**
[25] EN
[54] **CHECK VALVES**
[54] **CLAPETS DE NON-RETOUR**
[72] FEITH, RAYMOND, US
[72] SHEVGOOR, SIDDARTH K., US
[72] MASON, EUGENE, US
[72] KAPLAN, MARK, US
[71] CAREFUSION 303, INC., US
[85] 2020-10-07
[86] 2019-04-04 (PCT/US2019/025772)
[87] (WO2019/199566)
[30] US (15/952,074) 2018-04-12

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[13] A1
[51] **Int.Cl. A61L 9/12 (2006.01)**
[25] EN
[54] **DEVICE FOR DISPENSING A VOLATILE LIQUID**
[54] **DISPOSITIF DE DISTRIBUTION D'UN LIQUIDE VOLATIL**
[72] COALS, STEPHEN RICHARD, GB
[72] NG, TERENCE MAN WAI, CN
[71] SCENTSTICKS LIMITED, GB
[85] 2020-10-06
[86] 2019-04-10 (PCT/GB2019/051036)
[87] (WO2019/197824)
[30] GB (1805903.0) 2018-04-10

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[13] A1
[51] **Int.Cl. C22C 1/04 (2006.01) B33Y 70/00 (2020.01) C22C 19/05 (2006.01)**
[25] EN
[54] **POWDER COMPOSITION FOR ADDITIVE MANUFACTURING**
[54] **COMPOSITION DE POUDRE POUR FABRICATION ADDITIVE**
[72] SHARMA, SATYAJEET, US
[71] SHARMA, SATYAJEET, US
[85] 2020-10-07
[86] 2019-04-25 (PCT/IB2019/053413)
[87] (WO2019/207518)
[30] US (62/662,352) 2018-04-25
[30] DE (10 2019 002 231.9) 2019-03-28

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[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/454 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING MODULATORS OF P300 AND/OR CBP**
[54] **PROCEDE DE PREPARATION DE MODULATEURS DE P300 ET/OU CBP**
[72] BAGULEY, PAUL, GB
[72] GILBERT, DONALD ALAN, GB
[72] HARBOTTLE, GARETH, GB
[72] LINDLEY, COLIN, GB
[72] MADELEY, JOHN PAUL, GB
[72] MOREY, JAMES VAUGHAN, GB
[72] TADDEI, DAVID MICHEL ADRIEN, GB
[72] TREVORROW, JONATHAN, GB
[72] WOOD, DAVID, GB
[71] CELLCENTRIC LTD, GB
[85] 2020-10-07
[86] 2019-04-18 (PCT/GB2019/051110)
[87] (WO2019/202332)
[30] GB (1806320.6) 2018-04-18

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[13] A1
[51] **Int.Cl. G06F 9/30 (2018.01)**
[25] EN
[54] **MATRIX VECTOR MULTIPLIER WITH A VECTOR REGISTER FILE COMPRISING A MULTI-PORT MEMORY**
[54] **MULTIPLICATEUR DE VECTEUR DE MATRICE AVEC FICHIER DE REGISTRES VECTORIELS COMPRENANT UNE MEMOIRE A ACCES MULTIPLES**
[72] FOWERS, JEREMY, US
[72] OVTCHAROV, KALIN, US
[72] CHUNG, ERIC S., US
[72] MASSENGILL, TODD MICHAEL, US
[72] LIU, MING GANG, US
[72] WEISZ, GABRIEL LEONARD, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2020-10-07
[86] 2019-04-06 (PCT/US2019/026205)
[87] (WO2019/204068)
[30] US (15/959,209) 2018-04-21

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[13] A1
[51] **Int.Cl. B65D 30/22 (2006.01) B65D 30/28 (2006.01) B65D 33/02 (2006.01)**
[25] EN
[54] **STAND-UP POUCH WITH MULTIPLE COMPARTMENTS**
[54] **POCHE A FOND PLAT A COMPARTIMENTS MULTIPLES**
[72] HERRINGTON, JEFFREY G., CA
[72] BEDROSIAN, MICHAEL L., CA
[71] 1958658 ONTARIO INC., CA
[85] 2020-10-07
[86] 2019-05-02 (PCT/IB2019/053613)
[87] (WO2019/211798)
[30] US (62/667,329) 2018-05-04
[30] US (16/155,492) 2018-10-09
[30] US (16/192,268) 2018-11-15

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[51] **Int.Cl. G06F 3/038 (2013.01) G06F 3/0354 (2013.01) G06F 3/041 (2006.01)**
[25] EN
[54] **MECHANISM FOR PEN INTEROPERABILITY WITH PRESSURE SENSOR DESIGN**
[54] **MECANISME D'INTEROPERABILITE DE STYLO AVEC CONCEPTION DE CAPTEUR DE PRESSION**
[72] WEINS, CONNOR LAWRENCE, US
[72] ABZARIAN, DAVID, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2020-10-07
[86] 2019-04-09 (PCT/US2019/026415)
[87] (WO2019/209514)
[30] US (15/965,403) 2018-04-27

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[51] **Int.Cl. A61K 9/51 (2006.01) B82Y 5/00 (2011.01) B82Y 40/00 (2011.01) A61K 9/127 (2006.01) A61K 31/352 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **BIOXOMES PARTICLES, REDOXOMES, METHOD AND COMPOSITION**
[54] **PARTICULES DE BIOXOMES, REDOXOMES, PROCEDE ET COMPOSITION**
[72] GLOZMAN, SABINA, IL
[71] ORGENESIS INC., US
[85] 2020-10-07
[86] 2019-04-04 (PCT/IL2019/050391)
[87] (WO2019/198068)
[30] US (62/654,771) 2018-04-09
[30] US (62/794,859) 2019-01-21

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[51] **Int.Cl. A61J 7/00 (2006.01) A61J 7/04 (2006.01)**
[25] EN
[54] **A SYSTEM TO MANAGE THE SAFE DISTRIBUTION OF MEDICINES AND TO CONTROL HEALTHCARE VARIABLES**
[54] **SYSTEME DE GESTION DE LA DISTRIBUTION SURE DE MEDICAMENTS ET DE REGULATION DE VARIABLES DE SOIN DE SANTE**
[72] RODRIGO ARIAS, RODRIGO, UY
[72] ROBERTO PEREZ, ROBERTO, UY
[71] RODRIGO ARIAS, RODRIGO, UY
[71] ROBERTO PEREZ, ROBERTO, UY
[85] 2020-10-07
[86] 2018-10-05 (PCT/IB2018/057753)
[87] (WO2019/197891)
[30] UY (37675) 2018-04-12

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[51] **Int.Cl. A01N 65/26 (2009.01) A01N 65/20 (2009.01) A01N 25/02 (2006.01) A01N 25/30 (2006.01)**
[25] EN
[54] **IMPROVED NATURAL OIL PESTICIDAL COMPOSITIONS**
[54] **COMPOSITIONS PESTICIDES A BASE D'HUILE NATURELLE AMELIOREES**
[72] LI, HANGSHENG, CA
[72] CHOU, DOUG TA HUNG, CA
[72] LIN, STEVEN CHUN HON, CA
[71] TERRAMERA, INC., CA
[85] 2020-10-07
[86] 2019-06-04 (PCT/CA2019/050778)
[87] (WO2019/195948)
[30] US (62/680,158) 2018-06-04

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[51] **Int.Cl. A61K 31/428 (2006.01) A61K 31/138 (2006.01) A61P 25/00 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMBINATION AND ITS USE FOR TREATING SYNUCLEINOPATHIES**
[54] **COMBINAISON PHARMACEUTIQUE ET SON UTILISATION POUR LE TRAITEMENT DE SYNUCLEINOPATHIES**
[72] CHASE, THOMAS N., US
[72] CLARENCE-SMITH, KATHLEEN E., US
[71] CHASE THERAPEUTICS CORPORATION, US
[85] 2020-10-07
[86] 2018-04-11 (PCT/US2018/027155)
[87] (WO2018/191408)
[30] US (62/485,082) 2017-04-13

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[51] **Int.Cl. A61F 2/966 (2013.01) A61F 2/95 (2013.01) A61B 17/12 (2006.01) A61F 2/82 (2013.01)**
[25] EN
[54] **MEDICAL DEVICE DELIVERY**
[54] **POSE DE DISPOSITIF MEDICAL**
[72] DAWSON, MARC, US
[72] NAGESWARAN, ASHOK, US
[72] BARRETT, AARON, US
[72] DANG, HIEU, US
[72] ALONSO, AUGUSTO, US
[72] BRUCE-AKMAN, SABRINA, US
[71] COVIDIEN LP, US
[85] 2020-10-07
[86] 2019-04-10 (PCT/US2019/026784)
[87] (WO2019/199968)
[30] US (15/951,779) 2018-04-12
[30] US (15/951,890) 2018-04-12
[30] US (15/952,001) 2018-04-12
[30] US (15/951,967) 2018-04-12

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[51] **Int.Cl. A61B 5/083 (2006.01) A61B 5/097 (2006.01)**
[25] EN
[54] **TUBING SYSTEM WITH OPERATION MODE COMMUNICATION**
[54] **SYSTEME DE TUBAGE A COMMUNICATION DE MODE DE FONCTIONNEMENT**
[72] NARKISS, NADAV, IL
[71] ORIDION MEDICAL 1987 LTD., IL
[85] 2020-10-07
[86] 2019-04-23 (PCT/IL2019/050460)
[87] (WO2019/207584)
[30] US (62/661,732) 2018-04-24
[30] US (16/390,869) 2019-04-22

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[13] A1
[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **IMPLANT ABUTMENT FOR AN ENDOSSEOUS DENTAL IMPLANT**
[54] **STRUCTURE D'IMPLANT DESTINEE A UN IMPLANT DENTAIRE ENDO-OSSEUX**
[72] KIRSCH, AXEL, DE
[72] KRATT, UWE ERNST, DE
[71] EPIPHANOSTICS GMBH, DE
[85] 2020-10-07
[86] 2019-05-05 (PCT/DE2019/100402)
[87] (WO2019/214773)
[30] DE (10 2018 110 946.6) 2018-05-07
[30] DE (10 2019 203 222.2) 2019-03-10

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[13] A1
[51] **Int.Cl. C12N 15/86 (2006.01)**
[25] EN
[54] **VIRAL VECTORS AND PACKAGING CELL LINES**
[54] **VECTEURS VIRAUX ET LIGNEES D'ENCAPSIDATION**
[72] SCHARENBERG, ANDREW, US
[72] BEITZ, LAURIE, US
[71] UMOJA BIOPHARMA, INC., US
[85] 2020-10-07
[86] 2019-04-11 (PCT/US2019/026923)
[87] (WO2019/200056)
[30] US (62/656,823) 2018-04-12

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[13] A1
[51] **Int.Cl. F03B 3/04 (2006.01) F03B 13/10 (2006.01) F03B 13/26 (2006.01) F03B 17/06 (2006.01)**
[25] EN
[54] **KINETIC MODULAR MACHINE FOR PRODUCING ENERGY FROM FLUID FLOWS**
[54] **MACHINE MODULAIRE CINETIQUE POUR PRODUIRE DE L'ENERGIE A PARTIR D'ECOULEMENT DE FLUIDE**
[72] LO ZUPONE, GIACOMO FRANCESCO, IT
[72] FIORE, ENRICO, IT
[72] BARBARELLI, SILVIO, IT
[72] CASTIGLIONE, TERESA, IT
[71] MAZO ENERGY TECH LTD, GB
[85] 2020-10-07
[86] 2019-04-18 (PCT/IT2019/050078)
[87] (WO2019/202622)
[30] IT (102018000004645) 2018-04-18

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTIBODIES BINDING PD-1 AND USES THEREOF**
[54] **ANTICORPS DE LIAISON AU PD-1 ET LEURS UTILISATIONS**
[72] CHEN, MINGJIU, US
[72] TAN, WEI, US
[71] IMMVIRA CO., LIMITED, CN
[85] 2020-10-07
[86] 2019-04-12 (PCT/US2019/027115)
[87] (WO2019/204132)
[30] US (62/657,927) 2018-04-15

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[13] A1
[51] **Int.Cl. C12Q 1/6806 (2018.01) C12N 15/10 (2006.01)**
[25] EN
[54] **NUCLEIC ACID ISOLATION AND INHIBITOR REMOVAL FROM COMPLEX SAMPLES**
[54] **ISOLEMENT D'ACIDE NUCLEIQUE ET ELIMINATION D'INHIBITEUR VIS-A-VIS D'ECHANTILLONS COMPLEXES**
[72] CALLAHAN, HEATHER, US
[72] NIECIECKI, VICTORIA, US
[72] DEFORCE, EMELIA, US
[72] ADAMS, EDDIE W., US
[71] QIAGEN SCIENCES LLC, US
[85] 2020-10-06
[86] 2019-04-17 (PCT/US2019/027966)
[87] (WO2019/209597)
[30] US (62/662,063) 2018-04-24

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[13] A1
[51] **Int.Cl. C12Q 1/6848 (2018.01) C12Q 1/686 (2018.01) C12N 15/09 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING VARIATION OF REFERENCE SEQUENCE IN TARGET NUCLEIC ACID REGION**
[54] **PROCEDE DE DETECTION D'UNE DIFFERENCE DANS UNE SEQUENCE DE REFERENCE DANS UNE REGION D'ACIDE NUCLEIQUE CIBLE**
[72] FUJII, HODAKA, JP
[72] FUJITA, TOSHITSUGU, JP
[71] EPIGENERON, INC., JP
[85] 2020-10-07
[86] 2019-04-19 (PCT/JP2019/016843)
[87] (WO2019/203350)
[30] JP (2018-081752) 2018-04-20

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[13] A1
[51] **Int.Cl. H03G 1/04 (2006.01) A61B 5/04 (2006.01) H03G 3/20 (2006.01)**
[25] EN
[54] **MIDFIELD POWER SOURCE FOR WIRELESS IMPLANTED DEVICES**
[54] **SOURCE D'ALIMENTATION DE MILIEU DE CHAMP POUR DISPOSITIFS IMPLANTES SANS FIL**
[72] YEH, ALEXANDER, US
[72] ZHANG, HUI, US
[72] ELLSWORTH, THOMAS BURPEE, III, US
[72] JUNCO, ELIA, US
[72] SCHELLENBERG, STEPHEN JAMES, US
[72] BOLING, CARL LANCE, US
[71] NEUSPERA MEDICAL INC., US
[85] 2020-10-07
[86] 2019-04-12 (PCT/US2019/027270)
[87] (WO2019/200285)
[30] US (62/656,637) 2018-04-12
[30] US (62/656,675) 2018-04-12
[30] US (62/701,062) 2018-07-20
[30] US (62/756,648) 2018-11-07
[30] US (16/220,815) 2018-12-14

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[13] A1
[51] **Int.Cl. A61B 17/70 (2006.01)**
[25] EN
[54] **TEMPORARILY FLEXIBLE IMPLANTABLE ROD PLACEMENT AND FABRICATION**
[54] **PLACEMENT ET FABRICATION DE TIGE IMPLANTABLE TEMPORAIREMENT FLEXIBLE**
[72] HILL, KENNETH, US
[71] WONDERHEALTH LLC, US
[85] 2020-10-07
[86] 2019-04-11 (PCT/US2019/026951)
[87] (WO2019/200071)
[30] US (62/655,855) 2018-04-11

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[13] A1
[51] **Int.Cl. A61D 17/00 (2006.01) A01K 29/00 (2006.01)**
[25] EN
[54] **DAIRY CATTLE BREEDING STATUS INDICATOR TECHNOLOGY**
[54] **TECHNOLOGIE D'INDICATEUR D'ETAT DE REPRODUCTION DE BETAIL LAITIER**
[72] DINGUS, T. BOYD, US
[72] POHLER, KY GARRETT, US
[71] ANDERSON, MARK L., US
[85] 2020-10-06
[86] 2019-04-17 (PCT/US2019/027999)
[87] (WO2019/204529)
[30] US (62/762,038) 2018-04-17

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[13] A1
[51] **Int.Cl. C12N 15/60 (2006.01) C12N 1/21 (2006.01) C12N 9/04 (2006.01) C12N 15/53 (2006.01) C12P 7/06 (2006.01) C12P 7/16 (2006.01) C12P 13/06 (2006.01)**
[25] EN
[54] **GENUS HYDROGENOPHILUS BACTERIUM TRANSFORMANT**
[54] **TRANSFORMANT DE BACTERIE DU GENRE HYDROGENOPHILUS**
[72] YUKAWA, HIDEAKI, JP
[72] OHTANI, NAOTO, JP
[72] ISHII, MASAHARU, JP
[71] UTILIZATION OF CARBON DIOXIDE INSTITUTE CO., LTD., JP
[71] THE UNIVERSITY OF TOKYO, JP
[85] 2020-10-07
[86] 2018-06-25 (PCT/JP2018/024073)
[87] (WO2019/207812)
[30] JP (2018-086100) 2018-04-27

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[51] **Int.Cl. C08F 220/18 (2006.01) C08L 33/14 (2006.01) C09D 133/14 (2006.01) C09J 133/14 (2006.01)**
[25] EN
[54] **AQUEOUS ADHESIVE COMPOSITIONS**
[54] **COMPOSITIONS ADHESIVES AQUEUSES**
[72] BULICK, ALLEN, US
[72] FREDRICKSON, CHRIS, US
[72] HIBBEN, MARY JANE, US
[72] SANDOVAL, ROBERT, US
[72] RODGERS, ASHLEY, US
[72] FRAZEE, GLENN, US
[71] SWIMC LLC, US
[85] 2020-10-07
[86] 2019-04-12 (PCT/US2019/027361)
[87] (WO2019/200337)
[30] US (62/657,518) 2018-04-13

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[51] **Int.Cl. G21G 4/02 (2006.01) G21K 1/02 (2006.01) H05H 3/06 (2006.01)**
[25] EN
[54] **NEUTRON IMAGING SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES D'IMAGERIE PAR NEUTRONS**
[72] RADEL, ROSS, US
[72] SENGBUSCH, EVAN, US
[72] TAYLOR, MICHAEL, US
[72] SEYFERT, CHRISTOPHER M., US
[72] MOLL, ELI, US
[72] JACOBSON, LUCAS, US
[71] PHOENIX LLC, US
[85] 2020-10-07
[86] 2019-04-11 (PCT/US2019/027028)
[87] (WO2019/200130)
[30] US (62/655,928) 2018-04-11

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[13] A1
[51] **Int.Cl. G05D 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DRIVING INTELLIGENCE ALLOCATION BETWEEN VEHICLES AND HIGHWAYS**
[54] **SYSTEMES ET PROCEDES D'ENTRAINEMENT D'ATTRIBUTION D'INTELLIGENCE ENTRE VEHICULES ET AUTOROUTES**
[72] DING, FAN, US
[72] RAN, BIN, US
[72] CHENG, YANG, US
[72] LI, SHEN, US
[72] ZHANG, ZHEN, US
[72] ZHOU, YANG, US
[72] TAN, HUACHUN, US
[72] DONG, SHUOXUAN, US
[72] CHEN, TIANYI, US
[72] LI, XIAOTIAN, US
[72] SHI, KUNSONG, US
[71] CAVH LLC, US
[85] 2020-10-07
[86] 2019-05-08 (PCT/US2019/031304)
[87] (WO2019/217545)
[30] US (62/669,215) 2018-05-09

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61K 9/68 (2006.01) A61K 31/455 (2006.01) A61K 47/26 (2006.01)**
[25] EN
[54] **AN ORAL TABLET FOR TASTE MASKING OF ACTIVE INGREDIENTS COMPRISING NON-DIRECTLY COMPRESSIBLE SUGAR ALCOHOL PARTICLES**
[54] **COMPRIME POUR ADMINISTRATION ORALE POUR MASQUER LE GOUT DE PRINCIPES ACTIFS, COMPRENANT DES PARTICULES D'ALCOOL DE SUCRE COMPRESSIBLES**
[72] WITTORFF, HELLE, DK
[71] FERTIN PHARMA A/S, DE
[85] 2020-10-07
[86] 2019-05-15 (PCT/DK2019/050153)
[87] (WO2019/219143)
[30] US (15/982,510) 2018-05-17

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[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01)**
[25] EN
[54] **CONTAINER-HANDLING VEHICLE**
[54] **VEHICULE DE MANUTENTION DE CONTENEURS**
[72] AUSTRHEIM, TROND, NO
[71] AUTOSTORE TECHNOLOGY AS, NO
[85] 2020-10-07
[86] 2018-10-11 (PCT/EP2018/077691)
[87] (WO2019/206438)
[30] NO (20180587) 2018-04-25

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[13] A1
[51] **Int.Cl. A61K 35/60 (2006.01) A61K 31/20 (2006.01) A61K 31/23 (2006.01) A61K 36/185 (2006.01) A61K 38/39 (2006.01)**
[25] EN
[54] **TOPICAL COMPOSITION COMPRISED OF COD LIVER OIL FOR TREATING WOUNDS AND SKIN DISORDERS**
[54] **COMPOSITION TOPIQUE COMPRENANT DE L'HUILE DE FOIE DE MORUE ET DESTINEE AU TRAITEMENT DE PLAIES ET DE TROUBLES DE LA PEAU**
[72] BETTLE, GRISCOM, III, US
[72] HARLIN, JOHN, US
[72] GARDNER, THOMAS, US
[71] OMEZA LLC, US
[85] 2020-10-07
[86] 2019-04-12 (PCT/US2019/027396)
[87] (WO2019/200364)
[30] US (62/761,951) 2018-04-13
[30] US (62/776,258) 2018-12-06

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[13] A1
[51] **Int.Cl. B82Y 30/00 (2011.01) C01G 49/02 (2006.01)**
[25] EN
[54] **IRON OXIDE NANOWIRES BASED FILTER FOR THE INACTIVATION OF PATHOGENS**
[54] **FILTRE A BASE DE NANOFILS D'OXYDE DE FER POUR L'INACTIVATION D'AGENTS PATHOGENES**
[72] WANG, WEINING, US
[72] WANG, DAWEI, US
[72] XU, PING, US
[72] ZHU, BIN, US
[71] VIRGINIA COMMONWEALTH UNIVERSITY INTELLECTUAL PROPERTY FOUNDATION, US
[85] 2020-10-06
[86] 2019-04-18 (PCT/US2019/028063)
[87] (WO2019/204570)
[30] US (62/659,335) 2018-04-18

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[13] A1
[51] **Int.Cl. A61M 25/09 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **INSTRUMENT DELIVERY DEVICE HAVING A ROTARY ELEMENT**
[54] **DISPOSITIF DE LIBERATION D'INSTRUMENT AYANT UN ELEMENT ROTATIF**
[72] SPATARO, JOSEPH, US
[72] BURKHOLZ, JONATHAN KARL, US
[72] ISAACSON, S. RAY, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2020-10-06
[86] 2019-04-19 (PCT/US2019/028278)
[87] (WO2019/204701)
[30] US (62/660,661) 2018-04-20
[30] US (16/388,650) 2019-04-18

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[13] A1
[51] **Int.Cl. B29C 64/106 (2017.01) B33Y 10/00 (2015.01) B33Y 70/00 (2020.01) B29C 64/118 (2017.01) B29C 64/245 (2017.01) B29C 64/379 (2017.01) B29C 64/40 (2017.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ADDITIVE MANUFACTURING**
[54] **PROCEDE ET APPAREIL DE FABRICATION ADDITIVE**
[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] 2020-10-06
[86] 2019-04-23 (PCT/US2019/028775)
[87] (WO2019/209863)
[30] US (62/661,553) 2018-04-23
[30] US (62/661,903) 2018-04-24

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[13] A1
[51] **Int.Cl. G06N 10/00 (2019.01)**
[25] EN
[54] **RECONFIGURABLE QUANTUM ROUTING**
[54] **ROUTAGE QUANTIQUE RECONFIGURABLE**
[72] NAAMAN, OFER, US
[72] KEANE, ZACHARY KYLE, US
[72] STOUTIMORE, MICAH JOHN ATMAN, US
[72] FERGUSON, DAVID GEORGE, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2020-10-06
[86] 2019-06-05 (PCT/US2019/035607)
[87] (WO2019/245740)
[30] US (16/012,543) 2018-06-19

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[13] A1
[51] **Int.Cl. C07F 17/00 (2006.01) C07F 7/00 (2006.01) C07F 7/28 (2006.01) C08F 4/6592 (2006.01) C08F 210/16 (2006.01)**
[25] EN
[54] **METAL COMPLEX COMPRISING AMIDINE AND INDOLE FUSED CYCLOPENTADIENYL LIGANDS**
[54] **COMPLEXE METALLIQUE COMPRENANT DES LIGANDS DE CYCLOPENTADIENYLE FUSIONNES PAR AMIDINE ET INDOLE**
[72] GORYUNOV, GEORGY PAVLOVICH, RU
[72] SAMSONOV, OLEG VLADIMIROVICH, RU
[72] UBORSKY, DMITRY VADIMOVICH, RU
[72] VOSKOBOYNIKOV, ALEXANDER ZEL´MANOVICH, RU
[72] BERTHOUD, ALEXANDRA, BE
[72] VALLA, MAXENCE, BE
[71] ARLANXEO NETHERLANDS B.V., NL
[85] 2020-10-07
[86] 2019-04-15 (PCT/EP2019/059634)
[87] (WO2019/201838)
[30] RU (PCT/RU2018/000237) 2018-04-16

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[13] A1
[51] **Int.Cl. C07K 1/04 (2006.01) C07K 14/46 (2006.01) C07K 14/575 (2006.01) C07K 14/605 (2006.01)**
[25] EN
[54] **METHOD FOR CLEAVAGE OF SOLID PHASE-BOUND PEPTIDES FROM THE SOLID PHASE**
[54] **PROCEDE DE CLIVAGE DE PEPTIDES LIES A UNE PHASE SOLIDE A PARTIR DE LA PHASE SOLIDE**
[72] FIEDLER, WOLFGANG, DE
[72] PLEUSS, NORBERT, DE
[72] HENKEL, BERND, DE
[72] GERKEN, MANFRED, DE
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2020-10-07
[86] 2019-04-10 (PCT/EP2019/059083)
[87] (WO2019/197466)
[30] EP (18166546.4) 2018-04-10

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[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01)**
[25] EN
[54] **AURICULAR NERVE FIELD STIMULATION DEVICE**
[54] **DISPOSITIF DE STIMULATION DE CHAMP NERVEUX AURICULAIRE**
[72] BROWN, CHRISTOPHER R., US
[72] PETERSON, GARY M., US
[71] INNOVATIVE HEALTH SOLUTIONS, INC., US
[85] 2020-10-06
[86] 2019-04-25 (PCT/US2019/029172)
[87] (WO2020/036651)
[30] US (62/662,995) 2018-04-26

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[13] A1
[51] **Int.Cl. C07K 1/06 (2006.01)**
[25] EN
[54] **LIXISENATIDE SYNTHESIS WITH CAPPING**
[54] **SYNTHESE DE LIXISENATIDE COMPRENANT UNE ETAPE DE COIFFAGE**
[72] HENKEL, BERND, DE
[72] METZENTHIN, TOBIAS, DE
[72] GERKEN, MANFRED, DE
[72] FIEDLER, WOLFGANG, DE
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2020-10-07
[86] 2019-04-10 (PCT/EP2019/059090)
[87] (WO2019/197469)
[30] EP (18166551.4) 2018-04-10

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[13] A1
[51] **Int.Cl. F16H 48/22 (2006.01)**
[25] EN
[54] **LOCKING ANGLE GEAR BOX**
[54] **DISPOSITIF DE RENVOI D'ANGLE DE VERROUILLAGE**
[72] YUDELL, ALEXANDER C., US
[72] MAKI, GREGORY LEE, US
[72] WENDT, RONALD JOSEPH, US
[72] KAWLEWSKI, KODY P., US
[72] ROTH, ROLAND R., US
[72] LENK, BRANDON P., US
[71] TEAM INDUSTRIES, INC., US
[85] 2020-10-06
[86] 2019-04-26 (PCT/US2019/029433)
[87] (WO2019/210225)
[30] US (62/663,221) 2018-04-26

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[13] A1
[51] **Int.Cl. A01N 37/10 (2006.01) A01N 43/12 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **SYNERGISTIC FORMULATION INCLUDING AT LEAST ONE GIBBERELLIN COMPOUND AND SALICYCLIC ACID**
[54] **FORMULATION SYNERGIQUE COMPRENANT AU MOINS UN COMPOSE DE GIBBERELLINE ET DE L'ACIDE SALICYLIQUE**
[72] SHETH, RITESH, US
[72] ALVARADO, VERIA YSABEL, US
[71] STOLLER ENTERPRISES, INC., US
[85] 2020-10-06
[86] 2019-04-30 (PCT/US2019/029786)
[87] (WO2019/213010)
[30] US (62/664,867) 2018-04-30

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61P 37/02 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **CHIMERIC ANTIGEN RECEPTOR SPECIFIC FOR INTERLEUKIN-23 RECEPTOR**
[54] **RECEPTEUR ANTIGENIQUE CHIMERIQUE SPECIFIQUE POUR RECEPTEUR DE L'INTERLEUKINE 23**
[72] ABEL, TOBIAS, FR
[72] GERTNER-DARDENNE, JULIE, FR
[72] MEYER, FRANCOIS, CH
[71] SANGAMO THERAPEUTICS FRANCE, FR
[85] 2020-10-07
[86] 2019-04-15 (PCT/EP2019/059590)
[87] (WO2019/197678)
[30] US (62/657,233) 2018-04-13

[21] **3,096,502**
[13] A1
[51] **Int.Cl. A61C 13/00 (2006.01) A61C 7/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF MANAGING CUSTOMIZED RUN DISPLAY ELEMENTS WITH TREATMENT TEMPLATES BASED ON TREATMENT DOMAIN-SPECIFIC PROTOCOLS**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT UTILISANT DES PROTOCOLES DE TRAITEMENT SPECIFIQUES D'UN DOMAINE**
[72] LEVIN, ADI, US
[72] LAPSHIN, ANTON, US
[72] FOROODIAN, BEHNAM J., US
[72] MEYER, ERIC P., US
[72] TENZIN, KONSTANTIN, US
[72] CHEKHONIN, ANDREY, US
[72] STERENTAL, RENE M., US
[72] SOKOLOV, PAVEL, US
[72] RAMOS, JASON, US
[72] MALASHKIN, EVGENIY, US
[72] SIVAKOVA, ANNA, US
[72] FLANAGAN, MICHAEL, US
[71] ALIGN TECHNOLOGY, INC., US
[85] 2020-10-06
[86] 2019-04-30 (PCT/US2019/029990)
[87] (WO2019/213129)
[30] US (62/664,684) 2018-04-30

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[13] A1
[51] **Int.Cl. F16B 2/18 (2006.01) E06B 3/964 (2006.01) F16B 7/04 (2006.01) F16B 21/02 (2006.01)**
[25] EN
[54] **CONNECTING ELEMENT FOR CONNECTING PROFILE ELEMENTS**
[54] **ELEMENT DE LIAISON DESTINE A RELIER DES ELEMENTS DE PROFILE**
[72] FLUHRER, DIETER, DE
[71] SCHLETTER INTERNATIONAL B.V., NL
[85] 2020-10-07
[86] 2019-04-15 (PCT/EP2019/059617)
[87] (WO2019/201832)
[30] EP (18167538.0) 2018-04-16

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[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01) G06F 9/54 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING DATA LOSS PREVENTION VIA AN EMBEDDED BROWSER**
[54] **SYSTEMES ET PROCEDES DESTINES A LA PREVENTION DE PERTE DE DONNEES PAR L'INTERMEDIAIRE D'UN NAVIGATEUR INTEGRE**
[72] FLECK, CHRISTOPHER, US
[72] RIVERA, JUAN, US
[71] CITRIX SYSTEMS, INC., US
[85] 2020-10-06
[86] 2019-05-03 (PCT/US2019/030619)
[87] (WO2019/213536)
[30] US (62/667,199) 2018-05-04

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[13] A1
[51] **Int.Cl. C12N 15/864 (2006.01)**
[25] EN
[54] **PARVOVIRUS VECTOR PRODUCTION**
[54] **PRODUCTION DE VECTEUR PARVOVIRAL**
[72] HERRING, CHRISTOPHER, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2020-10-07
[86] 2019-04-16 (PCT/EP2019/059797)
[87] (WO2019/201914)
[30] GB (1806333.9) 2018-04-18

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[13] A1
[51] **Int.Cl. C12M 1/12 (2006.01) C12M 1/02 (2006.01)**
[25] EN
[54] **BIOREACTOR WITH FREEZE-THAW CAPABILITIES TO ENHANCE PRODUCT RECOVERY AND RELATED METHODS**
[54] **BIOREACTEUR A CAPACITES DE CONGELATION-DECONGELATION POUR AMELIORER LA RECUPERATION D'UN PRODUIT ET PROCEDES ASSOCIES**
[72] CASTILLO, JOSE, BE
[72] MAIRESSE, BASTIEN, BE
[72] RODRIGUEZ, SEBASTIEN JEAN-PIERRE MICHEL, BE
[71] UNIVERCELLS TECHNOLOGIES S.A., BE
[85] 2020-10-07
[86] 2019-04-23 (PCT/EP2019/060359)
[87] (WO2019/206902)
[30] US (62/661,413) 2018-04-23

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[13] A1
[51] **Int.Cl. C23C 14/02 (2006.01) C23C 14/08 (2006.01) C23C 14/16 (2006.01) C23C 14/32 (2006.01) C23C 14/34 (2006.01) C23C 28/00 (2006.01)**
[25] EN
[54] **COATING COMPRISING MCRAL-X COATING LAYER**
[54] **REVETEMENT COMPRENANT UNE COUCHE DE REVETEMENT A BASE DE MCRAL-X**
[72] RAMM, JUERGEN, CH
[72] WIDRIG, BENO, CH
[72] JARRY, OLIVER, DE
[72] HUNOLD, OLIVER, CH
[71] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
[85] 2020-10-07
[86] 2019-04-24 (PCT/EP2019/060488)
[87] (WO2019/206979)
[30] US (62/661,817) 2018-04-24

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[13] A1
[51] **Int.Cl. F21V 14/02 (2006.01) F21K 9/00 (2016.01) F21V 11/14 (2006.01)**
[25] EN
[54] **LAMP WITH MOVING PATTERN ILLUMINATION**
[54] **LAMPE A MOTIF ANIME**
[72] MORAND, MICHEL, CA
[71] ENTA DESIGN INC., CA
[85] 2020-10-08
[86] 2019-04-09 (PCT/CA2019/050429)
[87] (WO2019/195930)
[30] US (62/654,885) 2018-04-09
[30] US (62/665,604) 2018-05-02

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[13] A1
[51] **Int.Cl. H01H 9/16 (2006.01) H01H 9/18 (2006.01)**
[25] EN
[54] **ILLUMINATED VISIBLE BREAK**
[54] **RUPTURE VISIBLE ECLAIREE**
[72] GEIST, LAURENCE JAMES, US
[72] CARMICHAEL, JOSEPH ALLEN, US
[72] WEIDEMEIER, MATTHEW STEPHEN, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2020-10-08
[86] 2019-04-10 (PCT/EP2019/025102)
[87] (WO2019/201476)
[30] US (62/659,006) 2018-04-17
[30] US (62/694,608) 2018-07-06

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[13] A1
[51] **Int.Cl. C03C 17/00 (2006.01) C03C 17/34 (2006.01) C03C 17/36 (2006.01) E06B 3/66 (2006.01)**
[25] EN
[54] **MULTIPLE GLAZING UNIT**
[54] **UNITE DE VITRAGE MULTIPLE**
[72] SCHNEIDER, PIERRE, FR
[71] AGC GLASS EUROPE, BE
[85] 2020-10-08
[86] 2019-04-08 (PCT/EP2019/058830)
[87] (WO2019/197347)
[30] EP (18167066.2) 2018-04-12

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[13] A1
[51] **Int.Cl. A23D 7/005 (2006.01) A21D 13/068 (2017.01) A21D 13/16 (2017.01) A21D 2/16 (2006.01) A21D 2/18 (2006.01) A21D 10/00 (2006.01) A23D 7/01 (2006.01) A23D 9/007 (2006.01) A23D 9/013 (2006.01) A23D 9/02 (2006.01) A23G 1/32 (2006.01) A23G 1/36 (2006.01) A23G 3/34 (2006.01) A23G 3/40 (2006.01) A23G 9/32 (2006.01) A23G 9/40 (2006.01) A23G 9/52 (2006.01)**
[25] EN
[54] **A FATTY PREPARATION, A PROCESS FOR MAKING SAID FATTY PREPARATION, AND A PRODUCT CONTAINING THE SAME**
[54] **PREPARATION GRASSE, PROCEDE DE FABRICATION DE LADITE PREPARATION GRASSE ET PRODUIT LA CONTENANT**
[72] BENEDI SANTAMARIA, CAROLINA CRISTINA, ES
[72] MARTIN MARTIN, MARIA DE LA O, ES
[72] GARCIA BERROCAL, JOSE VICENTE, ES
[72] ESTELLES BLAY, PEDRO ANTONIO, ES
[71] BORGES AGRICULTURAL & INDUSTRIAL EDIBLE OILS S.A.U., ES
[85] 2020-10-08
[86] 2019-04-08 (PCT/EP2019/058823)
[87] (WO2019/197344)
[30] EP (18382241.0) 2018-04-09

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[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01)**
[25] EN
[54] **TOOL FOR REMOVING A CAP FROM A MEDICAL INJECTION DEVICE**
[54] **OUTIL POUR RETIRER UN CAPUCHON D'UN DISPOSITIF D'INJECTION MEDICAL**
[72] VALENTIN, STEPHANE, FR
[71] BECTON DICKINSON FRANCE, FR
[85] 2020-10-08
[86] 2019-04-09 (PCT/EP2019/058910)
[87] (WO2019/197381)
[30] EP (18305434.5) 2018-04-11

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[13] A1
[51] **Int.Cl. G16B 40/30 (2019.01) G16B 25/10 (2019.01)**
[25] EN
[54] **IMPROVED CLASSIFICATION AND PROGNOSIS OF PROSTATE CANCER**
[54] **CLASSIFICATION ET PRONOSTIC AMELIORES DU CANCER DE LA PROSTATE**
[72] BREWER, DANIEL SIMON, GB
[72] LUCA, BOGDAN-ALEXANDRU, GB
[72] MOULTON, VINCENT, GB
[72] COOPER, COLIN, GB
[71] UEA ENTERPRISES LIMITED, GB
[85] 2020-10-08
[86] 2019-04-12 (PCT/EP2019/059451)
[87] (WO2019/197624)
[30] GB (1806064.0) 2018-04-12

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[13] A1
[51] **Int.Cl. A61K 9/48 (2006.01) A61K 8/00 (2006.01) A61K 9/08 (2006.01) A61K 9/10 (2006.01) A61K 36/00 (2006.01) A61K 47/02 (2006.01) A61P 19/02 (2006.01) A61P 19/10 (2006.01) C09C 1/30 (2006.01)**
[25] EN
[54] **SILICIC ACID FORMULATION AND USE THEREOF**
[54] **FORMULATION D'AIDE SILICIQUE ET SON UTILISATION**
[72] CALOMME, MARIO REMI YVONNE, BE
[72] VAN DE SOMPELE, PATRICK WILFRIED GODFRIED, BE
[72] PASSWATER, RICHARD ALAN, US
[71] BIO MINERALS N.V., BE
[85] 2020-10-06
[86] 2019-04-08 (PCT/EP2019/058802)
[87] (WO2019/193200)
[30] EP (18166152.1) 2018-04-06

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[13] A1
[51] **Int.Cl. A61K 31/506 (2006.01) A61P 35/00 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SHP2 INHIBITOR COMPOSITIONS, METHODS FOR TREATING CANCER AND METHODS FOR IDENTIFYING A SUBJECT WITH SHP2 MUTATIONS**
[54] **COMPOSITIONS D'INHIBITEURS DE SHP2 ET METHODES DE TRAITEMENT DU CANCER**
[72] WILDES, DAVID E., US
[72] STAHLHUT-ESPINOSA, CARLOS, US
[72] NICHOLS, ROBERT J., US
[71] REVOLUTION MEDICINES, INC., US
[85] 2020-10-07
[86] 2019-04-09 (PCT/US2019/026543)
[87] (WO2019/199792)
[30] US (62/655,648) 2018-04-10

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[13] A1
[51] **Int.Cl. G01N 35/02 (2006.01) G01N 1/44 (2006.01) G01N 35/10 (2006.01)**
[25] EN
[54] **FLUIDIC AUTOSAMPLER AND INCUBATOR**
[54] **ECHANTILLONNEUR AUTOMATIQUE FLUIDIQUE ET INCUBATEUR**
[72] HART, SEAN, US
[72] HEBERT, COLIN, US
[72] MCCOY, MARGARET, US
[72] KRISHNAN, SHWETA, US
[72] FIELD, CHRISTOPHER, US
[72] EVANS, ZACHARY, US
[72] LUBRANO, ADAM, US
[72] LAPUMA, NATHAN, US
[71] LUMACYTE, LLC, US
[85] 2020-10-07
[86] 2019-04-08 (PCT/US2019/026335)
[87] (WO2019/195836)
[30] US (62/654,335) 2018-04-07

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[13] A1
[51] **Int.Cl. G01N 31/16 (2006.01)**
[25] EN
[54] **METHODS FOR COLORIMETRIC ENDPOINT DETECTION AND MULTIPLE ANALYTE TITRATION SYSTEMS**
[54] **PROCEDES DE DETECTION COLORIMETRIQUE AU POINT D'EQUIVALENCE ET SYSTEMES DE TITRAGE D'ANALYTES MULTIPLES**
[72] KRAUS, PAUL R., US
[72] BOLDUC, JOHN WILHELM, US
[72] RYTHER, ROBERT J., US
[71] ECOLAB USA INC., US
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[54] **METHODS AND COMPOSITIONS FOR DETERMINING THE PRESENCE OR ABSENCE OF DNA ABERRATIONS**
[54] **PROCEDES ET COMPOSITIONS POUR DETERMINER LA PRESENCE OU L'ABSENCE D'ABERRATIONS D'ADN**
[72] GILLIGAN, THOMAS B., US
[72] EVANS, KENNETH MICHAEL, US
[72] DO AMARAL GROSSI, DANIELA, US
[71] INGURAN, LLC, US
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[54] **TISSUE INTERFACE APPARATUS, SYSTEMS, AND METHODS**
[54] **APPAREIL, SYSTEMES ET PROCEDES D'INTERFACE TISSULAIRE**
[72] STANFIELD, J. RYAN, US
[72] LONG, JAMES W., US
[72] VLADOVICH, MICHAEL A., US
[71] VADOVATIONS, INC., US
[85] 2020-10-07
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[30] US (62/655,937) 2018-04-11
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[54] **SYNERGIC COMPOSITION FOR KEEPING FRESH FISH AND SEAFOOD**
[54] **COMPOSITION SYNERGIQUE POUR CONSERVER LES POISSONS ET FRUITS DE MER FRAIS**
[72] VALENZUELA ROEDIGER, LORETO MARGARITA, CL
[72] CUEVAS VALENZUELA, JOSE OSCAR, CL
[72] FRANCO MELAZZANI, WENDY VERONICA, CL
[72] PEREZ CORREA, JOSE RICARDO, CL
[71] PONTIFICIA UNIVERSIDAD CATOLICA DE CHILE, CL
[71] FUNDACION COPEC-UNIVERSIDAD CATOLICA, CL
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[25] EN
[54] **ORAL CARE IMPLEMENT**
[54] **INSTRUMENT D'HYGIENE BUCCALE**
[72] HOHLBEIN, DOUGLAS, US
[72] WONG, CHI SHING, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2020-10-07
[86] 2019-04-11 (PCT/US2019/026865)
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[54] **METHODS AND COMPOSITIONS FOR HAIR GROWTH BY ACTIVATING AUTOPHAGY**
[54] **METHODES ET COMPOSITIONS POUR LA CROISSANCE DES CHEVEUX PAR ACTIVATION DE L'AUTOPHAGIE**
[72] HUANG, JING, US
[72] CHAI, MIN, US
[72] REUE, KAREN LYNN, US
[72] VERGNES, LAURENT, US
[72] CROOKS, GAY MIRIAM, US
[72] DE BARROS, STEPHANIE COCHONNEAU, US
[72] JIANG, MEISHENG, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **A FATTY PREPARATION, A PROCESS FOR MAKING SAID FATTY PREPARATION, AND A PRODUCT CONTAINING THE SAME**
[54] **PREPARATION GRASSE, PROCEDE DE FABRICATION DE LADITE PREPARATION GRASSE ET PRODUIT LA CONTENANT**
[72] BENEDI SANTAMARIA, CAROLINA CRISTINA, ES
[72] MARTIN MARTIN, MARIA DE LA O, ES
[72] GARCIA BERROCAL, JOSE VICENTE, ES
[72] ESTELLES BLAY, PEDRO ANTONIO, ES
[71] BORGES AGRICULTURAL & INDUSTRIAL EDIBLE OILS S.A.U., ES
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[54] **COMBINATION THERAPIES FOR THE TREATMENT OF AMYOTROPIC LATERAL SCLEROSIS AND RELATED DISORDERS**
[54] **POLYTHERAPIES POUR LE TRAITEMENT DE LA SCLEROSE LATERALE AMYOTROPHIQUE ET DE TROUBLES APPARENTES**
[72] ELMALEH, DAVID R., US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2020-10-07
[86] 2019-04-09 (PCT/US2019/026521)
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[54] **EP4 INHIBITORS AND USE THEREOF**
[54] **INHIBITEURS D'EP4 ET LEURS UTILISATIONS**
[72] MANFREDI, MARK, US
[72] ECSEDY, JEFFREY, US
[72] NAGAHISA, ATSUSHI, JP
[72] TAKE, YUKINORI, JP
[72] OKUMURA, TAKAKO, JP
[71] ARRYS THERAPEUTICS, INC., US
[71] ASKAT INC., JP
[85] 2020-10-07
[86] 2019-04-16 (PCT/US2019/027603)
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[25] EN
[54] **CANNABIS ROOT EXTRACT, METHOD OF MANUFACTURE, METHOD OF USE**
[54] **EXTRAIT DE RACINE DE CANNABIS, PROCEDE DE FABRICATION, PROCEDE D'UTILISATION**
[72] SOLECKI, BHAVNA, CA
[71] URBAN JUVE PROVISIONS INC., CA
[85] 2020-10-08
[86] 2019-04-12 (PCT/CA2019/050451)
[87] (WO2019/195943)
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[30] US (62/675,404) 2018-05-23
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[54] **BANDING MACHINE**
[54] **MACHINE DE POSE DE BANDE DE FERMETURE**
[72] JACKSON, JOSEPH C., US
[72] CASTLEBERRY, GARY W., US
[72] STEINHAUS, JORDAN W., US
[72] HUGHES, BRANDON R., US
[72] MAYNARD, JAMES R., US
[72] MAYNARD, JOSEPH M., US
[72] ZELENKA, ZACHARY D., US
[72] HATCHER, CORY N., US
[71] ALLIANCE RUBBER COMPANY, US
[71] JMM-585, LLC, US
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[25] EN
[54] **HUMAN KYNURENINASE ENZYMES AND USES THEREOF**
[54] **ENZYMES KINURENINASES HUMAINES ET UTILISATIONS ASSOCIEES**
[72] GEORGIOU, GEORGE, US
[72] STONE, EVERETT, US
[72] BLAZECK, JOHN, US
[72] KARAMITROS, CHRISTOS, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2020-10-07
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[25] EN
[54] **LOADING DEVICE FOR PARTICULATE MATERIAL**
[54] **DISPOSITIF DE CHARGEMENT POUR MATERIAU PARTICULAIRE**
[72] HOJER, THOMAS, SE
[71] IMERTECH SAS, FR
[85] 2020-10-08
[86] 2019-04-09 (PCT/EP2019/058922)
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[25] EN
[54] **A REMOTE SUPPORT DEVICE**
[54] **DISPOSITIF DE SUPPORT A DISTANCE**
[72] STANFELD, BENJAMIN, DK
[71] STANFELD APS, DK
[85] 2020-10-08
[86] 2019-03-26 (PCT/EP2019/057558)
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[25] EN
[54] **A WEED CONTROL VEHICLE**
[54] **VEHICULE DE DESHERBAGE**
[72] JIMENEZ TARODO, SERGIO, DE
[72] KILIAN, MICHAEL, DE
[72] HADLOW, JAMES, GB
[72] GIRAUD, VIRGINIE, FR
[72] ARIANS, THOMAS, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2020-10-08
[86] 2019-03-29 (PCT/EP2019/057977)
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[25] EN
[54] **GRID INFLUENCING SYSTEM**
[54] **SYSTEME DE COMMANDE DE RESEAU**
[72] BATTERMANN, MARTIN, DE
[72] ERNST, PATRIK, DE
[72] HASELBAUER, ANDREAS, DE
[72] SCHACHERER, CHRISTIAN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2020-10-08
[86] 2019-04-01 (PCT/EP2019/058157)
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[30] EP (18169854.9) 2018-04-27
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[54] **DRIVE ARRANGEMENT FOR DOOR OPERATOR**
[54] **AGENCEMENT D'ENTRAINEMENT D'UN DISPOSITIF DE FERMETURE DE PORTE**
[72] SODERQVIST, SVEN-GUNNAR, SE
[71] ASSA ABLOY ENTRANCE SYSTEMS AB, SE
[85] 2020-10-08
[86] 2019-04-17 (PCT/EP2019/059910)
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[25] EN
[54] **GCGR ANTIBODY AND ITS FUSION PROTEIN WITH GLP-1, AND PHARMACEUTICAL COMPOSITION AND APPLICATION THEREOF**
[54] **ANTICORPS GCGR ET PROTEINE DE FUSION GLP-1 DE CELUI-CI, COMPOSITION PHARMACEUTIQUE ASSOCIEE ET SON APPLICATION**
[72] ZHANG, CHENG, CN
[72] ZHANG, HUA, CN
[72] WANG, XIAOFENG, CN
[72] YAO, CHENJIANG, CN
[72] JIANG, YAN, CN
[72] BI, LIANGLIANG, CN
[72] JING, SHUQIAN, CN
[71] GMAX BIOPHARM LLC, CN
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[25] EN
[54] **TRANSDERMAL THERAPEUTIC SYSTEM FOR THE TRANSDERMAL ADMINISTRATION OF SOLIFENACIN**
[54] **SYSTEME THERAPEUTIQUE TRANSDERMIQUE POUR L'ADMINISTRATION TRANSDERMIQUE DE SOLIFENACINE**
[72] WAUER, GABRIEL, DE
[72] SEIBERTZ, FRANK, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2020-10-08
[86] 2019-04-11 (PCT/EP2019/059347)
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[25] EN
[54] **LINER ASSEMBLY FOR PIPELINES AND RELATED METHOD**
[54] **ENSEMBLE DE DOUBLURE POUR PIPELINES ET PROCEDE ASSOCIE**
[72] CORNEIL, PAUL, CA
[72] DUXBURY, GRANT, CA
[72] MANNERS, CAMERON, CA
[71] NU FLOW TECHNOLOGIES 2000 INC., CA
[85] 2020-10-08
[86] 2019-05-23 (PCT/CA2019/050701)
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[30] US (62/675,750) 2018-05-23
[30] US (62/678,527) 2018-05-31
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[51] **Int.Cl. E05F 15/63 (2015.01) E05F 15/43 (2015.01)**
[25] EN
[54] **FINGER PINCH PROTECTION FOR AN ENTRANCE SYSTEM**
[54] **PROTECTION CONTRE LE PINCEMENT DES DOIGTS POUR UN SYSTEME D'ENTREE**
[72] SODERQVIST, SVEN-GUNNAR, SE
[71] ASSA ABLOY ENTRANCE SYSTEMS AB, SE
[85] 2020-10-08
[86] 2019-04-12 (PCT/EP2019/059365)
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[51] **Int.Cl. C07K 1/16 (2006.01) C07K 1/18 (2006.01) C07K 1/20 (2006.01) C07K 1/22 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **METHODS FOR PURIFICATION OF POLYPEPTIDES USING POLYSORBATES**
[54] **PROCEDES DE PURIFICATION DE POLYPEPTIDES A L'AIDE DE POLYSORBATES**
[72] FALKENSTEIN, ROBERTO, DE
[72] LEISS, MICHAEL, DE
[72] SPENSBERGER, BERNHARD, DE
[72] RAVURI, SATYA KRISHNA KISHORE, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2020-10-08
[86] 2019-04-25 (PCT/EP2019/060557)
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[25] EN
[54] **BLOWER FILTER DEVICE FOR POTENTIALLY EXPLOSIVE AREAS AND PROCESS FOR OPERATING A BLOWER FILTER DEVICE**
[54] **SYSTEME FILTRANT A VENTILATION ASSISTEE POUR ZONES A RISQUE D'EXPLOSION ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN APPAREIL FILTRANT A VENTILATION ASSISTEE**
[72] VOLMER, ACHIM, DE
[72] SCHULZE, MARTIN, DE
[71] DRAGER SAFETY AG & CO. KGAA, DE
[85] 2020-10-08
[86] 2019-04-09 (PCT/EP2019/058947)
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[51] **Int.Cl. C09D 7/00 (2018.01)**
[25] EN
[54] **COATING COMPOSITIONS**
[54] **COMPOSITIONS DE REVETEMENT**
[72] BRIAND, AMANDINE, GB
[72] DOLLANI, HELEN, GB
[72] ELTON-LEGRIX, ANABELLE, GB
[72] VERSTUYFT, LIEVEN, BE
[72] BERTIN, EMMANUEL, FR
[72] FRITZEN, PETRA, DE
[71] IMERTECH SAS, FR
[85] 2020-10-08
[86] 2019-04-12 (PCT/EP2019/059403)
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[51] **Int.Cl. H01G 11/32 (2013.01) H01G 11/36 (2013.01) H01G 11/46 (2013.01) H01G 11/60 (2013.01) H01G 11/70 (2013.01)**
[25] EN
[54] **ENERGY STORAGE DEVICE FOR HIGH TEMPERATURE APPLICATIONS**
[54] **DISPOSITIF DE STOCKAGE D'ENERGIE POUR APPLICATIONS A HAUTE TEMPERATURE**
[72] LAMBERTI, ANDREA, IT
[72] ZAMPATO, MASSIMO, IT
[72] CARMINATI, STEFANO, IT
[72] SERRAPEDE, MARA, IT
[72] GIGOT, ARNAUD NICOLAS, IT
[71] ENI S.P.A., IT
[85] 2020-10-08
[86] 2019-04-16 (PCT/EP2019/059738)
[87] (WO2019/201887)
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[51] **Int.Cl. G01N 23/20033 (2018.01)**
[25] EN
[54] **ANTI-FROSTING AND ANTI-DEW DEVICE FOR SPECTROSCOPIC MEASUREMENTS**
[54] **DISPOSITIF ANTI-GIVRAGE ET ANTI-ROSEE POUR EFFECTUER DES MESURES SPECTROSCOPIQUES**
[72] COQUEREL, GERARD, FR
[72] CLEVERS, SIMON, FR
[71] UNIVERSITE DE ROUEN-NORMANDIE, FR
[85] 2020-10-08
[86] 2019-05-10 (PCT/EP2019/062038)
[87] (WO2019/215326)
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[51] **Int.Cl. E04F 15/10 (2006.01) B32B 3/30 (2006.01) E04F 15/18 (2006.01)**
[25] EN
[54] **COVERING FOR UNDERLAYS OF FLOORING**
[54] **REVETEMENT POUR DES SOUS-COUCHES DE REVETEMENT DE SOL**
[72] BORDIN, DENNIS, IT
[71] PROGRESS PROFILES SPA, IT
[85] 2020-10-08
[86] 2019-04-30 (PCT/EP2019/061023)
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[30] IT (102018000005884) 2018-05-31

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[51] **Int.Cl. A24D 1/02 (2006.01)**
[25] EN
[54] **SMOKING ARTICLE**
[54] **ARTICLE A FUMER**
[72] BROOKBANK, AARON, GB
[72] KALJURA, KARL, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2020-10-08
[86] 2019-04-09 (PCT/GB2019/051029)
[87] (WO2019/197817)
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[51] **Int.Cl. H04B 5/00 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **SELF-POWERED SEMI-ACTIVE ELECTRONIC TAG WITH AUTONOMOUS PROCESSING CAPABILITY AND ITS COMMUNICATION PROCEDURE**
[54] **ETIQUETTE ELECTRONIQUE SEMI-ACTIVE AUTO-ALIMENTEE A CAPACITE DE TRAITEMENT AUTONOME ET SON PROCEDE DE COMMUNICATION**
[72] MORENO LEVY, DANNY, ES
[71] YOCTO TECHNOLOGIES, S.L., ES
[85] 2020-10-08
[86] 2019-01-22 (PCT/IB2019/050516)
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[30] ES (201800092) 2018-04-13

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[25] EN
[54] **COMBINATION COMPRISING ZIDOVUDINE AND AN ANTIMICROBIAL COMPOUND**
[54] **ASSOCIATION COMPRENANT DE LA ZIDOVUDINE ET UN COMPOSE ANTIMICROBIEN**
[72] COATES, ANTHONY, GB
[72] HU, YANMIN, GB
[71] HELPERBY THERAPEUTICS LIMITED, GB
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[72] ARVIDSSON, LARS, SE
[72] JOHNSON, RICHARD, SE
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[54] **APPAREIL ET PROCEDE POUR DIRIGER DE L'ENERGIE A PARTIR D'UNE SOURCE A ELEMENTS MULTIPLES**
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[72] DALSER, ALESSIO, IT
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[71] PROVEXA TECHNOLOGY AB, SE
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[54] **FILTRE A DISQUES ROTATIFS COMPORTANT UN SYSTEME DE LAVAGE A CONTRE-COURANT QUI COMPREND UNE STRUCTURE DE PORTE-INJECTEURS COMPACTE**
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[54] **SYSTEME DE COMMUNICATION, PROCEDE DE COMMUNICATION ET SUPPORT DE STOCKAGE**
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[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[72] SUN, CHIA CHIA, CA
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[72] KRIKORIAN, HAIG F., US
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[71] SIGNPATH PHARMA, INC., US
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[72] GLEESON, BENTLEY F., US
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[54] **OUTIL DE CLAVETAGE POUR CLAVETER UNE STRUCTURE TUBULAIRE**
[72] BIRKELAND, PETTER, NO
[71] SMART INSTALLATIONS AS, NO
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[54] **COMPOSANTS MEDICAUX AVEC MOULAGES THERMOPLASTIQUES LIES A DES SUBSTRATS**
[72] MASTERTON, BENJAMIN JAMES TRACE, NZ
[72] PRICE, JOHN DAVID, NZ
[72] SITTHIRACHA, MANATCHANOK, NZ
[72] CHAI, MAURICE WEN-BIN, NZ
[72] PEACOCK, MATHEW IAN, NZ
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[72] KLENNER, JASON ALLAN, NZ
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[54] **POLYNUCLEOTIDES ET POLYPEPTIDES ISOLES, ET PROCEDES D'UTILISATION DE CEUX-CI POUR AUGMENTER LA TOLERANCE VIS-A-VIS DU STRESS ABIOTIQUE, LE RENDEMENT, LE TAUX DE CROISSANCE, LA VIGUEUR, LA BIOMASSE, LA TENEUR EN HUILE ET/OU L'EFFICACITE D'UTILISATION D'AZOTE DE PLANTES**
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