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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

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Commissioner of Patents

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Commissaire aux brevets

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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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[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

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

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

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

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

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

2. Country Code

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

2. Code des pays

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

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

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

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Licensing of Patents

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

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

6. Octroi de licences en vertu des brevets

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

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

7. Patents Available for Licence or Sale

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

7. Brevets disponibles pour licence ou vente

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

8. List of Patents Available for Licence or Sale

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

None

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

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

Aucun

9. Applications Open to Public Inspection

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

9. Demandes mises à la disponibilité du public

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

10. Language of Published Documents

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

10. Langue du document publié

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

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1708***
For each additional sheet over 30	**$19**
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 2 janvier 2018

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
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*)) **$257**

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

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** 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*)) **257 $**

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

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** 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

June 20, 2017

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property 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.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

14. Procédures de correspondance

le 20 juin, 2017

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, 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

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

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

Download the Fee Payment Form.

1.1 Designated Establishments

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 following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. 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

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, 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

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner 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 ne satisfaisant pas aux 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 devrait toujours être présenté 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 paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. 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

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) 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

3. 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

4. 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

5. 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

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

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

3. 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

4. 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

5. 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

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

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

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(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

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

établissements ou des bureaux désignés auquels 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 livrée.

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.

L'OPIC considère que la correspondance livrée 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 émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

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, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) 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 Trade-marks, the Copyright 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 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

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

Correspondence delivered 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 open for business.

2. Correspondance électronique

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, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du 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 ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

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 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

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

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

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 a document by facsimile 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.

Patents

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

2.1 Correspondance par télécopieur

La correspondance par télécopieur 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 aux numéros ci-dessous :

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

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 ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi 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'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

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.

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

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.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des 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

of patent agents; and
- ordering copies in paper, or electronic form of a document.

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 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by 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;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- 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,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

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

Droits d'auteur

Aux fins 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. Pour ce faire, il faut accéder 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 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.

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 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents 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

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder 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

Aux fins 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. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

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

2.3 Supports électroniques

Brevets

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

application itself or amendment(s) thereof.

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 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.

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.

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

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

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

3. Précisions concernant les formats électroniques acceptés

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 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 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.

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 de ces 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.

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

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

ASCII

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

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. 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 one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

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

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. 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 présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- 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
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- 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
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

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

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or 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, 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.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé 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 sur les établissements auxquels des documents sont 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 limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits 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.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le 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.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada 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. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

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.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, 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.

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.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

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.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC^, par Xpresspost^MC^ ou par voie électronique en utilsant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

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 on our service interruptions as they become available and as circumstances permit.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, 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 cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

NOTICE REGARDING UNEXPECTED CLOSURES OF THE OFFICE

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open for business.

On May 8, 2017 and May 9, 2017, CIPO was closed for business due to extraordinary circumstances.

For information regarding a previous business closure, please contact the Client Service Centre or consult CIPO's website.

AVIS CONCERNANT UNE FERMETURE INATTENDUE DU BUREAU

Lorsque l'OPIC est fermé, notamment en raison de circonstances exceptionnelles, l'OPIC considère que toutes les échéances sont prorogées jusqu'au jour de réouverture du bureau.

Les 8 et 9 mai 2017, l'OPIC était fermé au public en raison de circonstances exceptionnelles.

Pour obtenir des renseignements concernant une fermeture antérieure de nos bureaux, veuillez communiquer avec le centre de service à la clientèle ou consulter le site Web de l'OPIC.

7. Procedures when CIPO is open for business 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 for business 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 Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks 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 of $125 may be required in certain cases.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

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

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

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 prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation 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 de 125 $ peut être exigé dans certains cas.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

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
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

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

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of December 25, 2018 contains applications open to public inspection from December 9, 2018 to December 15, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 25 décembre 2018 contient les demandes disponibles au public pour consultation pour la période du 9 décembre 2018 au 15 décembre 2018.

Canadian Patents Issued

December 25, 2018

Brevets canadiens délivrés

25 décembre 2018

Please be advised that no patents were issued on December 25, 2018.

Veuillez noter qu'aucun brevet n'a été délivré le 25 décembre 2018.

Canadian Applications Open to Public Inspection

December 9, 2018 to December 15, 2018

Demandes canadiennes mises à la disponibilité du public

9 décembre 2018 au 15 décembre 2018

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[13] A1
[51] **Int.Cl. A45D 44/02 (2006.01) A41G 5/02 (2006.01) B26B 27/00 (2006.01)**
[25] EN
[54] **FAKE EYELASH TRIMMING TOOL**
[54] **OUTIL DE TAILLE DE FAUX CILS**
[72] HEGERAT, BRITTNEY, CA
[71] HEGERAT, BRITTNEY, CA
[22] 2017-06-09
[41] 2018-12-09

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[13] A1
[51] **Int.Cl. E04B 1/35 (2006.01)**
[25] EN
[54] **SUPERBLOCK BUILDING METHOD""SUPERBLOCK BUILDING SYSTEM"HURRICANE HOMES**
[54] **METHODE DE CONSTRUCTION DE SUPER BLOC ET MAISONS A L'EPREUVE DES OURAGANS DU SYSTEME DE CONSTRUCTION DE SUPER BLOC**
[72] THOMAS, CLAYTON L., CA
[71] THOMAS, CLAYTON L., CA
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[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/34 (2012.01) G06F 21/32 (2013.01) A61B 5/0432 (2006.01) A61B 5/117 (2016.01) A61B 5/0402 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **THE BIOID NFC SMART CARD**
[54] **LA CARTE INTELLIGENTE DE BIOID NFC**
[72] AN, YAN RU, CA
[71] AN, YAN RU, CA
[22] 2017-06-09
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[13] A1
[51] **Int.Cl. G06Q 50/16 (2012.01)**
[25] EN
[54] **PROCESS AND INTERFACE FOR REAL ESTATE TRANSACTIONS**
[54] **PROCEDE ET INTERFACE DE TRANSACTIONS IMMOBILIERES**
[72] SU, PO AN PS, CA
[71] SU, PO AN PS, CA
[22] 2017-06-12
[41] 2018-12-12

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[13] A1
[51] **Int.Cl. A41C 3/04 (2006.01) A41D 1/215 (2018.01) A41C 3/12 (2006.01) A41D 1/22 (2018.01)**
[25] EN
[54] **BRA ADAPTER FOR CONVERTING A STANDARD BRA INTO A NURSING BRA**
[54] **ADAPTATEUR DE SOUTIEN-GORGE SERVANT A CONVERTIR UN SOUTIEN-GORGE STANDARD EN SOUTIEN-GORGE D'ALLAITEMENT**
[72] VANOS, ROBILYN E., CA
[71] VANOS, ROBILYN E., CA
[22] 2017-06-12
[41] 2018-12-12

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[13] A1
[51] **Int.Cl. G16H 40/20 (2018.01) G16H 15/00 (2018.01)**
[25] EN
[54] **DENTYME**
[54] **DENTYME**
[72] KAREN, ERGUS A., CA
[71] KAREN, ERGUS A., CA
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[13] A1
[51] **Int.Cl. A47C 7/16 (2006.01) A47C 3/00 (2006.01)**
[25] EN
[54] **MAPLE LEAF MUSKOKA CHAIR**
[54] **CHAISE MUSKOKA A FEUILLE D'ERABLE**
[72] RUDDY, STEPHEN J., CA
[71] RUDDY, STEPHEN J., CA
[22] 2017-06-09
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[13] A1
[51] **Int.Cl. E04B 2/74 (2006.01) E04B 2/82 (2006.01)**
[25] EN
[54] **CONNECTOR FOR LIGHTWEIGHT OFFICE PARTITION**
[54] **RACCORD DE SEPARATEUR DE BUREAU LEGER**
[72] PARSHAD, DAVID, CA
[71] INSCAPE CORPORATION, CA
[22] 2017-06-09
[41] 2018-12-09

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[51] **Int.Cl. G09F 17/00 (2006.01)**
[25] EN
[54] **TRIP CHECK INDICATOR**
[54] **INDICATEUR DE SURVEILLANCE DE SITUATION POUVANT ENTRAINER LE TREBUCHEMENT**
[72] EDMUNDS, LYLE W., CA
[72] CALLAHAN, THOMAS M., CA
[71] EDMUNDS, LYLE W., CA
[71] CALLAHAN, THOMAS M., CA
[22] 2017-06-12
[41] 2018-12-12

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[13] A1
[51] **Int.Cl. F41C 27/06 (2006.01)**
[25] EN
[54] **THE DESIGN OF AN UNDER-BARREL GRENADE LAUNCHER THAT: IS LOADED FROM THE MUZZLE; IS INTENDED FOR GAS OPERATED WEAPONS AND WORKS IN MANNE "FIRE-OUT-OF-BATTERY". THE DESIGN OF A CARTIDGELESS GRENADE THAT IS ASSIGNED FOR DESCRIBED ABOUVE THE GRENADE LAUNCHER.**
[54] **LA CONCEPTION D'UN LANCE-GRENADE A CANON INFERIEUR QUI EST CHARGE A PARTIR DE LA BOUCHE, EST DESTINE A DES ARMES FONCTIONNANT AU GAZ ET FONCTIONNE D'UNE MANIERE « TIR DE BATTERIE ». LA CONCEPTION D'UNE GRENADE SANS CARTOUCHE QUI EST ATTRIBUEE POUR ETRE DECRITE AUTOUR DU LANCE-GRENADE.**
[72] KAGANITSKY, GRIGORY, CA
[71] KAGANITSKY, GRIGORY, CA
[22] 2017-06-13
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[13] A1
[25] EN
[54] **SOFTWARE ENGINEERING METHOD AND SYSTEM FOR ENABLING NEUROPLASTICITY, SELF-ADAPTIVE AND PROGRESSIVE MACHINE LEARNING, IN ARTIFICIAL INTELLIGENCE**
[54] **SYSTEME ET METHODES D'INGENIERIE LOGICIELLE DESTINES A ACTIVER LA NEUROPLASTICITE ET L'APPRENTISSAGE MACHINE PROGRESSIF ET AUTO-ADAPTATIF, EN INTELLIGENCE ARTIFICIELLE**
[72] BAEK, OCK KEE, CA
[71] IVA INFORMATICS CORPORATION, CA
[22] 2017-06-12
[41] 2018-12-12

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[51] **Int.Cl. B60P 1/43 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **TRAILER WITH QUICK ATTACH FOR SKIDSTEER**
[54] **REMORQUE DOTEE D'UNE FIXATION RAPIDE DESTINEE A UN CHARGEUR A DIRECTION A GLISSEMENT**
[72] JOHNSON, ROBERT, CA
[71] JOHNSON, ROBERT, CA
[22] 2017-06-12
[41] 2018-12-12

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[51] **Int.Cl. F41A 5/12 (2006.01) F41A 3/56 (2006.01) F41A 3/78 (2006.01) F41A 3/82 (2006.01) F41A 35/06 (2006.01)**
[25] EN
[54] **CONCEPTION OF A BREECH BLOCK FOR AUTOMATIC, GAS OPERATED WEAPONS IN WHICH, UNLOCKING OF BREECH BLOCK CARRY OUT BY DIRECT OR INDIRECT INFLUENCE OF GAS PISTON MOVING IN THE DIRECTION OF THE SHOT UNDER THE ACTION OF THE POWDER GASES OF THE SHOT. THE CONSTRUCTION OF THE BREECH BLOCK THAT MADE BY USAGE OF THE CONCEPTION PROPOSED ABOVE. THE DESIGN OF AN ...**
[54] **CONCEPTION D'UN BLOC DE CULASSE DESTINE AUX ARMES AUTOMATIQUES ACTIONNEES AU GAZ DANS LESQUELLES LE DEBLOCAGE DU BLOC DE CULASSE EST ENTRAINE PAR L'INFLUENCE DIRECTE OU INDIRECTE D'UN PISTON A GAZ SE DEPLACANT DANS LA DIRECTION DU TIR SOUS L'ACTION DES GAZ DE POUDRE DU TIR. LA CONSTRUCTION DU BLOC DE CULASSE QUI FAIT USAGE DE LA CONCEPTION PROPOSEE. LA CONC**
[72] KAGANITSKY, GRIGORY, CA
[71] KAGANITSKY, GRIGORY, CA
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[51] **Int.Cl. A63F 7/36 (2006.01) A63H 33/00 (2006.01) A63H 33/06 (2006.01)**
[25] EN
[54] **INTERACTIVE MODULAR PANEL**
[54] **PANNEAU MODULAIRE INTERACTIF**
[72] UNKNOWN, ZZ
[71] WIGHT, TAYLOR J., CA
[22] 2017-06-12
[41] 2018-12-12

[21] **2,970,340**
[13] A1
[51] **Int.Cl. E21B 19/16 (2006.01) E21B 19/08 (2006.01)**
[25] EN
[54] **POWER TONG**
[54] **CLE DE VISSAGE AUTOMATIQUE**
[72] POHNERT, VLADIMIR G., CA
[72] FEIGEL, KURT R., JR, CA
[71] UNIVERSE MACHINE CORPORATION, CA
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[13] A1
[51] **Int.Cl. C02F 11/04 (2006.01) C05F 7/00 (2006.01) C12M 1/00 (2006.01) C12M 1/02 (2006.01) C12M 1/36 (2006.01) C12P 5/02 (2006.01)**
[25] EN
[54] **APPARATUSES FOR THE FUNCTIONING OF A FLOATING METHANIZATION SYSTEM**
[54] **APPAREILLAGES DESTINES AU FONCTIONNEMENT D'UN SYSTEME DE METHANISATION FLOTTANT**
[72] NADON, GILLES, CA
[71] NADON, GILLES, CA
[22] 2017-06-13
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[51] **Int.Cl. A47B 97/00 (2006.01) F21S 4/20 (2016.01) A47B 95/00 (2006.01) A47B 96/02 (2006.01) A47F 11/10 (2006.01) F21V 21/30 (2006.01) F21V 23/04 (2006.01) H05B 37/02 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **LED LIGHTING SYSTEMS FOR SHELVES AND CABINETRY**
[54] **SYSTEMES D'ECLAIRAGE A DEL DESTINES AUX TABLETTES ET AUX ARMOIRES**
[72] PAPAKOSTAS, JOHN, CA
[71] PAPAKOSTAS, JOHN, CA
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[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **MADWALL**
[54] **MUR MADWALL**
[72] RODRIGUES, COLIN, CA
[72] MADESHA, NAV, CA
[71] RODRIGUES, COLIN, CA
[22] 2017-06-14
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[30] US (62519782) 2017-06-14

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[51] **Int.Cl. B25F 5/00 (2006.01) B25B 21/00 (2006.01) B25B 23/00 (2006.01) B25B 29/00 (2006.01)**
[25] EN
[54] **BIT AND FASTENER HOLDER ASSEMBLY FOR A POWER TOOL**
[54] **ENSEMBLE DE MECHE ET DE SUPPORT DE FIXATION DESTINE A UN OUTIL ELECTRIQUE**
[72] CHO, IN SONG, CA
[71] CHO, IN SONG, CA
[22] 2017-06-14
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[13] A1
[51] **Int.Cl. A61L 2/10 (2006.01) C02F 1/32 (2006.01)**
[25] EN
[54] **ULTRAVIOLET LIGHT WATER TREATMENT UNIT FOR HIGH FLOW RATE SYSTEMS**
[54] **MODULE DE TRAITEMENT DE L'EAU A LA LUMIERE ULTRAVIOLETTE DESTINE A DES SYSTEMES A HAUT DEBIT**
[72] TYMCHUK, STEVEN DENIS, CA
[72] OLSEN, RICHARD, US
[72] HANSEN, STEVE, US
[71] EBBTIDES MEDICAL INC., CA
[71] DOMINION INVESTMENTS LLC, US
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[51] **Int.Cl. F04B 47/12 (2006.01) E21B 43/12 (2006.01) E21B 43/32 (2006.01) E21B 43/38 (2006.01)**
[25] EN
[54] **PLUNGER LIFT ASSEMBLY**
[54] **MECANISME DE SOULEVEMENT DE PLONGEUR**
[72] SAPONJA, JEFFREY CHARLES, CA
[72] HARI, ROBBIE SINGH, CA
[72] KIMERY, DAVE, CA
[71] PRODUCTION PLUS ENERGY SERVICES INC., CA
[22] 2017-06-13
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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 35/20 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **PRECLINICAL ASSESSMENT OF IMMUNOCAL AS A PREVENTATIVE TREATMENT FOR TRAUMATIC BRAIN INJURY (TBI) IN A MOUSE MODEL OF CLOSED HEAD INJURY**
[54] **EVALUATION PRECLINIQUE D'IMMUNOCAL COMME TRAITEMENT PREVENTIF DE TRAUMATISME CEREBRAL DANS UN MODELE DE SOURIS DE TRAUMATISME CRANIEN FERME**
[72] IGNOWSKI, ELIZABETH E., CA
[72] LINSEMAN, DANIEL A., CA
[71] IGNOWSKI, ELIZABETH E., CA
[71] LINSEMAN, DANIEL A., CA
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[41] 2018-12-14

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[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/22 (2012.01)**
[25] EN
[54] **REAL-TIME EXECUTION OF DATA EXCHANGES BETWEEN COMPUTING SYSTEMS BASED ON SELECTIVELY ALLOCATED PARAMETERS**
[54] **EXECUTION EN TEMPS REEL D'ECHANGES DE DONNEES ENTRE DES SYSTEMES INFORMATIQUES FONDES SUR DES PARAMETRES ATTRIBUES SELECTIVEMENT**
[72] DUNJIC, MILOS, CA
[72] HALDENBY, PERRY AARON JONES, CA
[72] LEE, JOHN JONG-SUK, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2017-06-15
[41] 2018-12-14
[30] US (15/622,269) 2017-06-14

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[13] A1
[51] **Int.Cl. A47G 19/02 (2006.01)**
[25] FR
[54] **TREASURE BOWL**
[54] **BOL AU TRESOR**
[72] LEBEAU, SIMON S. L., CA
[71] LEBEAU, SIMON S. L., CA
[22] 2017-06-13
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[13] A1
[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **DYNAMIC MODIFICATION OF DISPLAYED INTERFACE ELEMENTS BASED ON CONTEXTUAL DATA**
[54] **MODIFICATION DYNAMIQUE D'ELEMENTS D'INTERFACE AFFICHES FONDEE SUR LES DONNEES CONTEXTUELLES**
[72] KIRIAKOU, ALEXANDER, CA
[72] DUNJIC, MILOS, CA
[72] CHOW, ARTHUR CARROLL, CA
[72] LEE, JOHN JONG-SUK, CA
[72] JAGGA, ARUN VICTOR, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2017-06-15
[41] 2018-12-14
[30] US (15/622,647) 2017-06-14

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[51] **Int.Cl. A45D 8/00 (2006.01)**
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[54] **HAIR TIE**
[54] **ATTACHE-CHEVEUX**
[72] HAMILTON, W. JOHN, CA
[71] HAMILTON, W. JOHN, CA
[22] 2017-06-14
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[13] A1
[51] **Int.Cl. H05K 5/06 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **CONTROLLER STRUCTURE FOR LED LIGHT STRINGS**
[54] **STRUCTURE DE CONTROLEUR DE CORDONS DE LUMIERES DEL**
[72] WANG, CHIA-CHUN, CN
[71] GUANG ZHOU TING SHEN ELECTRIC CO., LTD., CN
[22] 2017-06-13
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[13] A1
[51] **Int.Cl. B62D 37/02 (2006.01) B62D 35/00 (2006.01)**
[25] EN
[54] **VEHICLE AERODYNAMIC IMPROVEMENT APPARATUS AND SYSTEM**
[54] **APPAREIL ET SYSTEME D'AMELIORATION DE L'AERODYNAMISME D'UN VEHICULE**
[72] REGAN, JESSE, US
[71] ROCKETAIL, LLC, US
[22] 2017-06-15
[41] 2018-12-15

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[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01) C02F 1/52 (2006.01) C08J 9/08 (2006.01) C08L 57/00 (2006.01)**
[25] EN
[54] **A COMPOSITION, METHODS AND APPARATUS FOR CAPPING INDUSTRIAL SOFT TAILINGS BY IN SITU POLYMERIZATION**
[54] **COMPOSITION, METHODES ET APPAREIL DE RECOUVREMENT DE RESIDUS MOUS INDUSTRIELS PAR POLYMERISATION SUR PLACE**
[72] GU, GUOXING, CA
[71] GU, GUOXING, CA
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[13] A1
[51] **Int.Cl. B65G 39/00 (2006.01) B65G 23/04 (2006.01)**
[25] EN
[54] **CONVEYOR ROLLER SURFACE ARRANGEMENTS**
[54] **ARRANGEMENTS DE SURFACE DE ROULEAUX DE CONVOYEUR**
[72] KANARIS, ALEXANDER D., CA
[71] KANARIS, ALEXANDER D., CA
[22] 2017-06-15
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[13] A1
[51] **Int.Cl. G09F 3/00 (2006.01) A01G 7/00 (2006.01)**
[25] FR
[54] **VEGETAL COMPAGNONING ON LABELS**
[54] **COMPAGNONNAGE VEGETAL DANS LES ETIQUETTES**
[72] MARTINEZ, JORGE, CA
[71] MARTINEZ, JORGE, CA
[22] 2017-06-15
[41] 2018-12-15

[21] **2,971,011**
[13] A1
[51] **Int.Cl. F16L 37/18 (2006.01)**
[25] EN
[54] **CAMLOCK FITTING SAFETY DEVICE AND METHOD**
[54] **DISPOSITIF DE SECURITE DE RACCORD A VERROU A CAME ET METHODE**
[72] LANE, MARK T., CA
[72] TAARNES, BEN L., CA
[71] LANE, MARK T., CA
[71] TAARNES, BEN L., CA
[22] 2017-06-16
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[30] US (15624630) 2017-06-15

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[13] A1
[51] **Int.Cl. H04W 4/021 (2018.01) H04W 84/18 (2009.01) G01S 19/17 (2010.01) G01S 19/19 (2010.01) H04W 4/029 (2018.01) H04W 4/30 (2018.01) H04W 76/10 (2018.01)**
[25] EN
[54] **TWO WAY RADIO DEVICE WITH GPS LOCATOR AND METHOD**
[54] **APPAREIL RADIO BIDIRECTIONNEL EQUIPE D'UN DISPOSITIF DE REPERAGE GPS ET METHODE**
[72] JANTZI, HAROLD, CA
[71] JANTZI, HAROLD, CA
[22] 2017-06-16
[41] 2018-12-15
[30] US (15624091) 2017-06-15

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[13] A1
[51] **Int.Cl. B60P 1/42 (2006.01) A01D 90/10 (2006.01) B62B 1/00 (2006.01) B65G 33/08 (2006.01) B65G 67/24 (2006.01)**
[25] EN
[54] **DUAL AUGER GRAIN CART WITH ADJUSTABLE FORWARD REACH**
[54] **CHARIOT A GRAINS A TARIERE DOUBLE DOTE D'UN ACCES ARRIERE AJUSTABLE**
[72] VAN MILL, MICHAEL D., US
[72] SCHLIMGEN, RONALD JOSEPH, US
[71] UNVERFERTH MANUFACTURING COMPANY, INC., US
[22] 2017-06-30
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[30] US (15/621,427) 2017-06-13

[21] **2,977,595**
[13] A1
[51] **Int.Cl. B65D 5/20 (2006.01)**
[25] EN
[54] **FOLDING BOX**
[54] **BOITE PLIANTE**
[72] CHOU, CHI-MING, CN
[71] CHOU, CHI-MING, CN
[22] 2017-08-28
[41] 2018-12-09
[30] TW (106208392) 2017-06-09

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[13] A1
[51] **Int.Cl. C02F 3/12 (2006.01) C02F 3/02 (2006.01) G01N 33/18 (2006.01)**
[25] EN
[54] **AMMONIA-BASED AERATION CONTROL WITH SRT CONTROL**
[54] **CONTROLE D'AERATION A BASE D'AMMONIAC A COMMANDE DE DUREE DE RETENTION DE SOLIDES**
[72] SCHRAA, OLIVER, CA
[72] RIEGER, LEIV, CA
[71] INCTRL SOLUTIONS INC., CA
[22] 2017-09-22
[41] 2018-12-09
[30] US (62/517,511) 2017-06-09

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[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) B60S 5/00 (2006.01) H02M 1/08 (2006.01) H02M 7/5387 (2007.01)**
[25] EN
[54] **CONSTANT CURRENT FAST CHARGING OF ELECTRIC VEHICLES VIA DC GRID USING DUAL INVERTER DRIVE**
[54] **CHARGE RAPIDE A COURANT CONSTANT DE VEHICULES ELECTRIQUES AU MOYEN D'UN RESEAU CC EMPLOYANT UN ENTRAINEMENT D'ONDULEUR DOUBLE**
[72] LEHN, PETER WALDEMAR, CA
[72] SHI, RUOYUN, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[22] 2017-10-23
[41] 2018-12-15
[30] US (62/519,946) 2017-06-15

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[13] A1
[51] **Int.Cl. F24D 15/02 (2006.01) F23N 5/24 (2006.01) F24D 19/00 (2006.01)**
[25] EN
[54] **PORTABLE HEATER WITH ENVIRONMENTAL SENSOR**
[54] **APPAREIL DE CHAUFFAGE PORTATIF DOTE D'UN CAPTEUR ENVIRONNEMENTAL**
[72] VANDRAK, BRIAN, US
[72] MULLINS, MICHAEL, US
[71] ENERCO GROUP, INC., US
[22] 2017-12-07
[41] 2018-12-15
[30] US (15/623,959) 2017-06-15

[21] **2,989,714**
[13] A1
[51] **Int.Cl. G01J 3/50 (2006.01)**
[25] EN
[54] **COMPACT PORTABLE COLOUR SENSOR**
[54] **CAPTEUR DE COULEUR PORTATIF COMPACT**
[72] SHERIDAN, MATTHEW, CA
[72] BOT, MICHAEL, CA
[72] LANGILLE, THOMAS, CA
[72] STRACK, JAMES, CA
[72] PAEZ, DIXON, CA
[71] NIX SENSOR LTD., CA
[22] 2017-12-21
[41] 2018-12-09
[30] US (62/517,328) 2017-06-09

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[13] A1
[51] **Int.Cl. H04N 21/431 (2011.01) H04N 21/4722 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SMOOTH TRANSITION OF LIVE AND REPLAY PROGRAM GUIDE DISPLAYS**
[54] **SYSTEME ET METHODE DE TRANSITION DOUCE D'AFFICHAGE DE GUIDE DE PROGRAMMATION EN DIRECT ET EN REPRISE**
[72] CARPENTER, CORY, US
[72] DOSENBACH, IYLLA, US
[71] MOBITV, INC., US
[22] 2018-01-05
[41] 2018-12-14
[30] US (15/623,337) 2017-06-14

[21] **2,994,124**
[13] A1
[51] **Int.Cl. F25C 3/00 (2006.01)**
[25] EN
[54] **LIQUID COOLING SYSTEM FOR OUTDOOR SURFACES**
[54] **SYSTEME DE REFROIDISSEMENT PAR LIQUIDE DESTINE A DES SURFACES EXTERIEURES**
[72] JACOBSON, GARY, US
[71] DREAMSBIG, LLC, US
[22] 2018-02-07
[41] 2018-12-09
[30] US (62/517,400) 2017-06-09

[21] **2,995,964**
[13] A1
[51] **Int.Cl. G01P 5/14 (2006.01) B64D 43/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR ESTIMATING AIRSPEED OF AN AIRCRAFT BASED ON A DRAG MODEL**
[54] **SYSTEME D'ESTIMATION DE LA VITESSE ANEMOMETRIQUE D'UN AERONEF FONDEE SUR UN MODELE DE TRAINEE**
[72] LUO, JIA, US
[72] WILSON, DOUGLAS LEE, US
[71] THE BOEING COMPANY, US
[22] 2018-02-20
[41] 2018-12-12
[30] US (15/620,224) 2017-06-12

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[13] A1
[51] **Int.Cl. G01P 5/14 (2006.01)**
[25] EN
[54] **SYSTEM FOR ESTIMATING AIRSPEED OF AN AIRCRAFT BASED ON A WEATHER BUFFER MODE**
[54] **SYSTEME D'ESTIMATION DE LA VITESSE ANEMOMETRIQUE D'UN AERONEF FONDE SUR UN MODE TAMPON DE CONDITIONS METEOROLOGIQUES**
[72] LUO, JIA, US
[71] THE BOEING COMPANY, US
[22] 2018-02-27
[41] 2018-12-12
[30] US (15/620239) 2017-06-12

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[13] A1
[51] **Int.Cl. B64C 13/38 (2006.01) B64C 13/42 (2006.01) B64C 13/50 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR CONTROLLING AIRCRAFT FLIGHT CONTROL SURFACES**
[54] **METHODES ET APPAREILS DE CONTROLE DES SURFACES DE COMMANDE DE VOL D'UN AERONEF**
[72] HUYNH, NEAL VAN, US
[72] MCCORMICK, PATRICK JOSEPH, US
[71] THE BOEING COMPANY, US
[22] 2018-02-27
[41] 2018-12-14
[30] US (62/519,693) 2017-06-14
[30] US (15/695,749) 2017-09-05

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[13] A1
[51] **Int.Cl. G05B 19/404 (2006.01) G05B 17/02 (2006.01) G05B 19/406 (2006.01)**
[25] EN
[54] **METHOD FOR GENERATING CNC MACHINE OFFSET BASED ON THERMAL MODEL**
[54] **METHODE DE GENERATION D'UN DECALAGE MACHINE CNC FONDEE SUR UN MODELE THERMIQUE**
[72] JALLURI, CHANDRA SEKHAR, US
[72] RAJORIA, HIMANSHU, US
[72] GUSKE, JON, US
[72] SCHMITZ, MICHAEL ALLEN, US
[71] FORD MOTOR COMPANY, US
[22] 2018-03-06
[41] 2018-12-14
[30] US (15/622,382) 2017-06-14

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[13] A1
[51] **Int.Cl. F02B 53/02 (2006.01) F01C 1/22 (2006.01) F02B 53/14 (2006.01) F02M 31/20 (2006.01)**
[25] EN
[54] **ENGINE ASSEMBLY WITH INTERCOOLER**
[54] **ASSEMBLAGE DE REACTEUR DOTE D'UN REFROIDISSEUR INTERMEDIAIRE**
[72] JULIEN, ANDRE, CA
[72] SCHULZ, EDWIN, CA
[72] LANKTREE, MICHAEL, CA
[72] DUSSAULT, SERGE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-03-15
[41] 2018-12-15
[30] US (15/624,257) 2017-06-15

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[21] **2,998,612**
[13] A1
[51] **Int.Cl. F02B 55/10 (2006.01) F01C 1/22 (2006.01) F01P 3/00 (2006.01) F01P 7/14 (2006.01) F02B 53/14 (2006.01) F02B 55/04 (2006.01)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT DE MOTEUR A COMBUSTION INTERNE**
[72] JULIEN, ANDRE, CA
[72] LANKTREE, MICHAEL, CA
[72] DUSSAULT, SERGE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-03-19
[41] 2018-12-09
[30] US (15/618,945) 2017-06-09

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[13] A1
[51] **Int.Cl. G01S 19/24 (2010.01) G01S 19/28 (2010.01)**
[25] EN
[54] **REDUCING FREQUENCY SEARCH SPACE FOR GLOBAL NAVIGATION SATELLITE SYSTEM ACQUISITION**
[54] **REDUCTION DE L'ESPACE DE RECHERCHE DE FREQUENCE EN VUE DE L'ACQUISITION PAR UN SYSTEME SATELLITE DE NAVIGATION MONDIALE**
[72] OREJAS, MARTIN, US
[72] SKALICKY, JAKUB, US
[72] HYNEK, TOMAS, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-03-23
[41] 2018-12-15
[30] US (15/624,569) 2017-06-15

[21] **3,000,920**
[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01) A01C 7/16 (2006.01)**
[25] EN
[54] **MULTIPLE VARIETY SEED METER WITH SEGMENTED SUMP ARRANGEMENT AND SEED SWITCHING ARRANGEMENT**
[54] **DOSEMETRE MULTI VARIETE DOTE DE DISPOSITIF D'ASPIRATION SEGMENTE ET DE DISPOSITIF DE COMMUTATION DE SEMENCE**
[72] SCHOENY, CHRISTOPHER, US
[72] JOHNSON, CHAD M., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2018-04-10
[41] 2018-12-14
[30] US (15/622,162) 2017-06-14

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[13] A1
[51] **Int.Cl. G01R 33/12 (2006.01) G01B 7/16 (2006.01) G01N 27/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR NONDESTRUCTIVE RESIDUAL STRESS PROFILING USING INDUCTIVE SENSING**
[54] **SYSTEME DE PROFILAGE DE CONTRAINTE RESIDUELLE NON DESTRUCTEUR EMPLOYANT LA DETECTION INDUCTIVE**
[72] HASSAN, WALED T., US
[72] NAGY, PETER B., US
[71] ROLLS-ROYCE CORPORATION, US
[71] UNIVERSITY OF CINCINNATI, US
[22] 2018-04-11
[41] 2018-12-14
[30] US (62/519503) 2017-06-14

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[13] A1
[51] **Int.Cl. B60P 7/02 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **HARD ROLLUP TONNEAU COVER WITH FLEXIBLE HOLD DOWN**
[54] **COUVRE-TONNEAU ROULE RIGIDE DOTE DE MECANISMES DE MAINTIEN SOUPLES**
[72] SPENCER, MICHAEL R., US
[72] NELSON, TIMOTHY P., US
[71] TRUXEDO, INC., US
[22] 2018-04-26
[41] 2018-12-14
[30] US (15/623,164) 2017-06-14

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[13] A1
[51] **Int.Cl. B64F 5/60 (2017.01) B60S 5/00 (2006.01) B63B 9/00 (2006.01)**
[25] EN
[54] **AIRCRAFT INSPECTION SYSTEM WITH VISUALIZATION AND RECORDING**
[54] **SYSTEME D'INSPECTION D'AERONEF DOTE DE VISUALISATION ET ENREGISTREMENT**
[72] LAUGHLIN, BRIAN D., US
[72] MOORE, RICHARD T., US
[72] FRANZMAN, STEVEN CURTIS, US
[72] AGUILAR, DAVID R., US
[72] JUHNKE, ELIZABETH, US
[71] THE BOEING COMPANY, US
[22] 2018-04-26
[41] 2018-12-14
[30] US (15/622,756) 2017-06-14

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[13] A1
[51] **Int.Cl. B32B 27/04 (2006.01) B29C 70/30 (2006.01) G01B 17/02 (2006.01)**
[25] EN
[54] **COMPOSITE PARTS THAT FACILITATE ULTRASONIC IMAGING OF LAYER BOUNDARIES**
[54] **PIECES COMPOSITES QUI FACILITENT L'IMAGERIE PAR ULTRASON DE FRONTIERES DE COUCHE**
[72] HUMFELD, KEITH D., US
[72] SAFAI, MORTEZA, US
[71] THE BOEING COMPANY, US
[22] 2018-04-27
[41] 2018-12-13
[30] US (15/621900) 2017-06-13

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[13] A1
[51] **Int.Cl. F02C 7/04 (2006.01) F01D 21/10 (2006.01) F01D 21/12 (2006.01) F01D 21/14 (2006.01) F01D 25/18 (2006.01) F02C 7/05 (2006.01) F02C 7/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR INLET BLOCKAGE DETECTION**
[54] **METHODE ET SYSTEME DE DETECTION DE BLOCAGE D'ENTREE**
[72] HAGSHENAS, BEHZAD, US
[72] HUFF, ERIC, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-05-03
[41] 2018-12-13
[30] US (15/621,185) 2017-06-13

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[13] A1
[51] **Int.Cl. G01N 15/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING CHIPS IN FLUID OF AIRCRAFT ENGINE**
[54] **SYSTEMES ET METHODES DE DETECTION DE COPEAUX DANS UN FLUIDE D'UN MOTEUR D'AVION**
[72] YOUSSEF, MICHAEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-05-03
[41] 2018-12-15
[30] US (15/623,460) 2017-06-15

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[21] **3,004,323**
[13] A1
[51] **Int.Cl. E05B 71/00 (2006.01) E05B 67/00 (2006.01)**
[25] EN
[54] **HOLDER FOR A TWO-WHEELER LOCK**
[54] **SUPPORT DESTINE A UN VERROU DE VEHICULE A DEUX ROUES**
[72] MULLER, THOMAS, DE
[71] ABUS AUGUST BREMICKER SOHNE KG, DE
[22] 2018-05-09
[41] 2018-12-09
[30] DE (102017112766.6) 2017-06-09

[21] **3,004,547**
[13] A1
[51] **Int.Cl. B64C 13/00 (2006.01) B64C 13/50 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR A DISTRIBUTED AIRCRAFT ACTUATION SYSTEM**
[54] **METHODES ET APPAREILS DESTINES A UN SYSTEME D'ACTIONNEMENT D'AERONEF DISTRIBUE**
[72] HUYNH, NEAL VAN, US
[72] MOSER, MATTHEW ALEXANDER, US
[72] MCCORMICK, PATRICK JOSEPH, US
[71] THE BOEING COMPANY, US
[22] 2018-05-09
[41] 2018-12-15
[30] US (62/520288) 2017-06-15
[30] US (15/653,257) 2017-06-18

[21] **3,004,672**
[13] A1
[51] **Int.Cl. F16M 11/06 (2006.01) G09F 9/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE COUNTERBALANCING DISPLAY SUPPORT**
[54] **SUPPORT DE PRESENTOIR A CONTREPOIDS AJUSTABLE**
[72] ZEBARJAD, HAMID, CA
[72] SINCLAIR, ADAM, CA
[72] CHEN, YIXIN (EDMUND), CA
[72] SPORL, STEFAN, DE
[71] TEKNION LIMITED, CA
[22] 2018-05-11
[41] 2018-12-09
[30] US (62/517,485) 2017-06-09

[21] **3,004,683**
[13] A1
[51] **Int.Cl. A01D 57/20 (2006.01) A01D 34/835 (2006.01) A01D 41/06 (2006.01) A01D 61/02 (2006.01) B65G 15/30 (2006.01)**
[25] EN
[54] **TEXTURED DRAPER BELT FOR AN AGRICULTURAL HARVESTER**
[54] **COURROIE DE CONVOYEUR TEXTUREE DESTINEE A UNE RECOLTEUSE AGRICOLE**
[72] HASENOUR, ANTHONY M., US
[72] HOFFMAN, DANIEL S., US
[72] WASHBURN, ANTHONY J., US
[71] DEERE & COMPANY, US
[22] 2018-05-11
[41] 2018-12-12
[30] US (62/518,557) 2017-06-12
[30] US (15/791,357) 2017-10-23

[21] **3,004,851**
[13] A1
[51] **Int.Cl. G08B 29/12 (2006.01) H04W 84/18 (2009.01) G08B 3/10 (2006.01) G08B 13/00 (2006.01) G08B 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TESTING A SECURITY SYSTEM**
[54] **SYSTEMES ET METHODES D'ESSAI D'UN SYSTEME DE CARBURANT**
[72] BABICH, THOMAS, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-05-11
[41] 2018-12-14
[30] US (15/622,781) 2017-06-14

[21] **3,005,054**
[13] A1
[51] **Int.Cl. G06F 21/55 (2013.01) G08B 13/22 (2006.01) G08B 17/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING A NOTIFICATION OF A CYBER ATTACK IN A SECURITY SYSTEM**
[54] **SYSTEMES ET METHODES DE FOURNITURE D'UNE NOTIFICATION D'UNE CYBER ATTAQUE DANS UN SYSTEME DE SECURITE**
[72] BARAHONA, JAIME E., US
[72] LEE, ALBERT, US
[72] YUK, HOWARD, US
[72] ROMAN, DAVIS, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-05-15
[41] 2018-12-13
[30] US (15/620,984) 2017-06-13

[21] **3,005,114**
[13] A1
[51] **Int.Cl. B25B 13/46 (2006.01) B25B 13/06 (2006.01) F16B 21/18 (2006.01) F16D 41/16 (2006.01)**
[25] EN
[54] **RATCHET GEAR REINFORCING RING**
[54] **BAGUE DE RENFORCEMENT D'ENCLIQUETAGE A ROCHET**
[72] ROSS, DAVID T., US
[72] HOPPER, RICHARD L., US
[71] SNAP-ON INCORPORATED, US
[22] 2018-05-16
[41] 2018-12-14
[30] US (15/622,319) 2017-06-14

[21] **3,005,176**
[13] A1
[51] **Int.Cl. H01H 71/00 (2006.01) G01R 31/317 (2006.01) H03K 3/02 (2006.01)**
[25] EN
[54] **ELECTRONIC PROTECTION DEVICE**
[54] **DISPOSITIF DE PROTECTION ELECTRONIQUE**
[72] BUTTI, AGOSTINO, IT
[72] CURRA, ANTONIO, IT
[72] GHEZZI, LUCA, IT
[72] COZZI, VITTORIO, IT
[71] ABB SCHWEIZ AG, CH
[22] 2018-05-17
[41] 2018-12-14
[30] EP (17176116.6) 2017-06-14

[21] **3,005,272**
[13] A1
[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/88 (2006.01) B28C 5/38 (2006.01)**
[25] EN
[54] **BONE CEMENT APPLICATOR WITH LINE ELEMENT AND CLOSURE RECEPTACLE**
[54] **APPLICATEUR DE CIMENT ORTHOPEDIQUE DOTE D'UN ELEMENT EN LIGNE ET D'UN RECIPIENT DE FERMETURE**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[71] HERAEUS MEDICAL GMBH, DE
[22] 2018-05-17
[41] 2018-12-14
[30] DE (10 2017 113 126.4) 2017-06-14

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[13] A1
[51] **Int.Cl. C23C 14/16 (2006.01) C22C 21/00 (2006.01) C22C 21/06 (2006.01) C22C 21/10 (2006.01) C23C 14/35 (2006.01)**
[25] EN
[54] **CORROSION RESISTANT AND LOW EMBRITTLEMENT ALUMINUM ALLOY COATINGS ON STEEL BY MAGNETRON SPUTTERING**
[54] **REVETEMENT D'ALLIAGE D'ALUMINIUM RESISTANT A LA CORROSION ET A FAIBLE EFFRITEMENT SUR L'ACIER PAR PULVERISATION MAGNETRON**
[72] GAYDOS, STEPHEN P., US
[72] IJERI, VIJAYKUMAR S., US
[72] PRAKASH, OM, US
[72] MISHRA, SUMAN K., US
[72] SINGH, RAGHUVIR, US
[72] PASWAN, SHARMA, US
[72] PATHAK, LOKESH C., US
[71] THE BOEING COMPANY, US
[22] 2018-05-23
[41] 2018-12-09
[30] IN (201711020234) 2017-06-09
[30] US (15/678,757) 2017-08-16

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[13] A1
[51] **Int.Cl. C25D 3/22 (2006.01) C25D 3/20 (2006.01) C25D 5/10 (2006.01) C25D 5/18 (2006.01)**
[25] EN
[54] **COMPOSITIONALLY MODULATED ZINC-IRON MULTILAYERED COATINGS**
[54] **REVETEMENTS MULTICOUCHES ZINC-FER MODULES PAR LA COMPOSITION**
[72] GAYDOS, STEPHEN P., US
[72] IJERI, VIJAYKUMAR S., US
[72] PRAKASH, OM, US
[72] MISHRA, TRILOCHAN, IN
[72] SINGH, RAGHUVIR, IN
[72] TIWARI, SHASHI KANT, IN
[71] THE BOEING COMPANY, US
[22] 2018-05-23
[41] 2018-12-09
[30] IN (201711020237) 2017-06-09
[30] US (15/680326) 2017-08-18

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[13] A1
[51] **Int.Cl. E21B 19/06 (2006.01)**
[25] EN
[54] **GRIPPING DEVICE AND METHOD OF GRIPPING DRILLING TOOLS**
[54] **APPAREIL DE PREHENSION ET METHODE DE PREHENSION D'OUTILS DE FORAGE**
[72] JARVENTAUSTA, SAMI, FI
[72] SIMILA, JUKKA, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
[22] 2018-05-28
[41] 2018-12-12
[30] EP (17175451.8) 2017-06-12

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[13] A1
[51] **Int.Cl. H02B 11/133 (2006.01)**
[25] EN
[54] **AUTOMATIC CIRCUIT BREAKER PAN INTERLOCK**
[54] **VERROUILLAGE AUTOMATIQUE DE PANNEAU DE DISJONCTEURS**
[72] ROBINSON, JAMES DARRYL, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-05-28
[41] 2018-12-13
[30] US (62/518690) 2017-06-13
[30] US (15/685210) 2017-08-24

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[13] A1
[51] **Int.Cl. C08G 65/14 (2006.01) C09D 7/63 (2018.01) C09D 7/65 (2018.01)**
[25] EN
[54] **GLYCIDYL ETHER ALKOXYLATE BLOCK COPOLYMERS**
[54] **COPOLYMERES BLOCS D'ALCOXYLATE D'ETHER GLYCIDILYIQUE**
[72] DAUGS, EDWARD D, US
[72] RABASCO, JOHN J, US
[72] VAN DYK, ANTONY K, US
[72] ZHANG, TIANLAN, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[22] 2018-05-28
[41] 2018-12-13
[30] US (62/518861) 2017-06-13

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[13] A1
[51] **Int.Cl. C09J 7/00 (2018.01) B23K 10/00 (2006.01) H05H 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR SIMULTANEOUS PLASMA EDGE ENCAPSULATION OF AT LEAST TWO ADHESIVE TAPE SIDES**
[54] **METHODE D'ENCAPSULATION DE BORDURE DE PLASMA SIMULTANEE D'AU MOINS DEUX COTES DE RUBAN ADHESIF**
[72] BENDEICH, MANUEL, DE
[72] KOOPS, ARNE, DE
[71] TESA SE, DE
[22] 2018-05-29
[41] 2018-12-14
[30] DE (10 2017 210 066.4) 2017-06-14

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[21] **3,006,663**
[13] A1
[51] **Int.Cl. B64D 27/24 (2006.01) B64D 31/00 (2006.01)**
[25] EN
[54] **PROPULSION SYSTEM FOR AN AIRCRAFT**
[54] **SYSTEME DE PROPULSION DESTINE A UN AERONEF**
[72] WAGNER, NICHOLAS ADAM, US
[72] BERGSTEN, DANIEL E., US
[72] GUTZ, DAVID ALLEN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-05-30
[41] 2018-12-09
[30] US (15/618,257) 2017-06-09

[21] **3,006,674**
[13] A1
[51] **Int.Cl. F04D 29/051 (2006.01) F04D 1/06 (2006.01) F04D 29/66 (2006.01) F16C 25/04 (2006.01)**
[25] EN
[54] **SELF-ADJUSTING DRUM SYSTEM**
[54] **SYSTEME DE TAMBOUR A AJUSTEMENT AUTONOME**
[72] GOTTFRIED, HUBER, AT
[71] XYLEM IP MANAGEMENT S.A.R.L., LU
[22] 2018-05-29
[41] 2018-12-09
[30] EP (17175321.3) 2017-06-09

[21] **3,006,678**
[13] A1
[51] **Int.Cl. F02C 7/268 (2006.01) B64D 27/24 (2006.01) B64D 33/00 (2006.01) F02C 6/14 (2006.01) F02C 7/262 (2006.01) H02K 7/14 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **PROPULSION SYSTEM FOR AN AIRCRAFT**
[54] **SYSTEME DE PROPULSION DESTINE A UN AERONEF**
[72] HON, ROBERT CHARLES, US
[72] GANSLER, MICHAEL THOMAS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-05-30
[41] 2018-12-12
[30] US (15/619,673) 2017-06-12

[21] **3,006,682**
[13] A1
[51] **Int.Cl. B64F 5/60 (2017.01) B64D 27/24 (2006.01) G01M 15/14 (2006.01)**
[25] EN
[54] **HYBRID-ELECTRIC PROPULSION SYSTEM FOR AN AIRCRAFT**
[54] **SYSTEME DE PROPULSION HYBRIDE ELECTRIQUE DESTINE A UN AERONEF**
[72] GANSLER, MICHAEL THOMAS, US
[72] ADIBHATLA, SRIDHAR, US
[72] MILLER, BRANDON WAYNE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-05-30
[41] 2018-12-13
[30] US (15/621,279) 2017-06-13

[21] **3,006,688**
[13] A1
[51] **Int.Cl. G01F 23/00 (2006.01) B60R 15/00 (2006.01)**
[25] EN
[54] **DETERMINING A WASTE WATER FILLING LEVEL IN A VEHICLE TANK, MEASURING ARRANGEMENT AND WASTE WATER ARRANGEMENT**
[54] **DETERMINATION D'UN NIVEAU DE REMPLISSAGE D'EAUX USEES DANS UN RESERVOIR DE VEHICULE, APPAREIL DE MESURE ET DISPOSITIF D'EAUX USEES**
[72] PHILIPP, JAN BORIS, DE
[71] APPARATEBAU GAUTING GMBH, DE
[22] 2018-05-30
[41] 2018-12-14
[30] DE (DE 10 2017 005 626.9) 2017-06-14

[21] **3,006,705**
[13] A1
[51] **Int.Cl. B08B 3/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR SELECTIVE CLEANING OF TURBINE ENGINE COMPONENTS**
[54] **SYSTEME ET METHODES DE NETTOYAGE SELECTIF DE COMPOSANTES DE TURBINE A GAZ**
[72] TIBBETTS, NICOLE JESSICA, US
[72] JENKINS, ANDREW JAMES, US
[72] BEWLAY, BERNARD PATRICK, US
[72] DOLLEY, EVAN JARRETT, US
[72] WATT, JOHN, US
[72] PERRETT, CHRISTOPHER, US
[72] LAURIA, VINCENT GERARD, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-05-30
[41] 2018-12-13
[30] US (15/620,935) 2017-06-13

[21] **3,006,720**
[13] A1
[51] **Int.Cl. G01D 3/032 (2006.01) G01L 5/24 (2006.01)**
[25] EN
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[54] **METHODE DE DETECTION DE SIEGE DE JOINT SERTI**
[72] MOORE, DONALD OWEN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-05-30
[41] 2018-12-13
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[54] **FUEL CELL STACK**
[54] **EMPILEMENT DE PILES A COMBUSTIBLE**
[72] KONO, TAKASHI, JP
[72] IGARASHI, MASAO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-05-30
[41] 2018-12-15
[30] JP (2017-118030) 2017-06-15

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[51] **Int.Cl. F16M 13/02 (2006.01) B62H 5/00 (2006.01) B62J 11/00 (2006.01) E05B 71/00 (2006.01)**
[25] EN
[54] **HOLDER FOR A TWO-WHEELER LOCK**
[54] **SUPPORT DESTINE A UN VERROU DE VEHICULE A DEUX ROUES**
[72] HEINEMANN, STEFAN, DE
[72] KIPPING, ANDREAS, DE
[71] ABUS AUGUST BREMICKER SOHNE KG, DE
[22] 2018-05-30
[41] 2018-12-09
[30] DE (202017103486.0) 2017-06-09

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[25] EN
[54] **LED LAMP**
[54] **LAMPE A DEL**
[72] REN, XIAOJUN, CN
[72] XIAO, KUN, CN
[72] BAO, ZHIFENG, CN
[72] WANG, ZHIYONG, CN
[72] ZHU, YIMIN, CN
[71] GE LIGHTING SOLUTIONS, LLC, US
[22] 2018-05-30
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[30] CN (201710447399.1) 2017-06-14

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[25] EN
[54] **NETWORKED LIGHT CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE COMMANDE D'ECLAIRAGE EN RESEAU**
[72] AMMARI, MOHAMMED, CA
[72] CHAOUA, YOUCEF, CA
[72] BACON, LOUIS, CA
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-05-30
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[54] **PAPER COATED WITH A FUNCTIONAL POLYOLEFIN FILM**
[54] **PAPIER REVETU D'UNE PELLICULE DE POLYOLEFINE FONCTIONNELLE**
[72] KATZENSTEIN, JOSHUA M., US
[72] ROMICK, JAY D., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[22] 2018-05-31
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[25] EN
[54] **A METHOD AND A SYSTEM FOR INCREASING AIMING ACCURACY OF A SNIPER RIFLE**
[54] **UNE METHODE ET UN SYSTEME DESTINES A AUGMENTER LA PRECISION DE VISEE D'UN FUSIL DE PRECISION**
[72] OLKINUORA, SAMPSA, FI
[71] SAKO OY, FI
[22] 2018-05-30
[41] 2018-12-14
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[25] EN
[54] **LUBRICATION MECHANISM DESIGN FOR AIRCRAFT LANDING GEAR BEARINGS**
[54] **MODELE DE MECANISME DE LUBRIFICATION DESTINE AUX PALIERS DE TRAIN D'ATTERRISSAGE D'AERONEF**
[72] HEIRENDT, LAURENT, LU
[72] LIU, HUGH H., CA
[72] WANG, PHILLIP, CA
[71] SAFRAN LANDING SYSTEMS CANADA INC., CA
[22] 2018-06-04
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[25] EN
[54] **AIR DUCTS FOR AIRFLOW MANAGEMENT, AND ASSOCIATED SYSTEMS AND METHODS**
[54] **CONDUITS D'AIR DESTINE A LA GESTION DE L'ECOULEMENT DE L'AIR, ET SYSTEMES ET METHODES ASSOCIES**
[72] TEMPLE, SCOTT, US
[71] PACCAR INC, US
[22] 2018-06-05
[41] 2018-12-12
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[25] EN
[54] **PREDICTING MUD PUMP EXPENDABLE LIFE BASED ON PSI-MILES**
[54] **PREDICTION DE LA DUREE PROLONGEE D'UNE POMPE DE BOUE FONDEE SUR LES PSI-MILLES**
[72] DEEL, STEVE, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
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[41] 2018-12-13
[30] US (62/518945) 2017-06-13
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[25] EN
[54] **COMBINATION ULTRAVIOLET RAY AND OZONE WATER SANITIZING UNIT**
[54] **MODULE D'ASSAINISSEMENT DE L'EAU A COMBINAISON DE RAYON ULTRAVIOLET ET D'OZONE**
[72] VAN RIPER, DEXTER RICHARD, US
[72] CONN, DOMINIC, US
[71] GSG HOLDINGS, INC., US
[22] 2018-06-05
[41] 2018-12-09
[30] US (62/517,748) 2017-06-09
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[25] EN
[54] **CALIBRATION-LESS MICRO-FABRICATED VACUUM GAUGE DEVICES AND METHOD FOR MEASURING PRESSURE**
[54] **DISPOSITIFS DE JAUGE A VIDE MICRO-FABRIQUES SANS ETALONNAGE ET METHODE DE MESURE DE LA PRESSION**
[72] KORNELSEN, KEVIN, CA
[72] SPITS, CEDRIC, CA
[72] FRECHETTE, LUC, CA
[72] NEWBY, PASCAL, CA
[71] KORNELSEN, KEVIN, CA
[71] SPITS, CEDRIC, CA
[71] FRECHETTE, LUC, CA
[71] NEWBY, PASCAL, CA
[22] 2018-06-06
[41] 2018-12-15
[30] US (62/520,160) 2017-06-15

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[25] EN
[54] **DIGITAL FORENSICS SYSTEM**
[54] **SYSTEME D'INVESTIGATIONS NUMERIQUE**
[72] GRIFFIN, PATRICK, US
[72] EMMERTHAL, ROY, US
[72] AURIGEMMA, KRYSTOPHER, US
[72] RAABE, ERIC, US
[72] BEDOYA, LUIS, US
[72] OESTREICHER, KURT, US
[72] SHANLEY, JAMES, US
[71] THE TRAVELERS INDEMNITY COMPANY, US
[22] 2018-06-06
[41] 2018-12-12
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[51] **Int.Cl. H02G 3/06 (2006.01)**
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[54] **SEAL-OFF FITTING WITH FLAME-PATH CONTROL**
[54] **RACCORD D'ETANCHEISATION DOTE D'UNE COMMANDE DE CONTROLE DE FLAMME**
[72] KESSEL, AMANDA LYNN, US
[71] ROBROY INDUSTRIES - TEXAS, LLC, US
[22] 2018-06-06
[41] 2018-12-09
[30] US (62/517,557) 2017-06-09

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[51] **Int.Cl. E06B 3/46 (2006.01) E05D 13/00 (2006.01) E05D 15/06 (2006.01)**
[25] EN
[54] **SLIDING DOOR UNIT AND COMPONENTS FOR THE SAME**
[54] **MODULE DE PORTE COULISSANTE ET COMPOSANTES ASSOCIEES**
[72] PROCTON, BRUCE E., US
[72] MITCHELL, MICHAEL K., US
[72] JASKIEWICZ, TOMASZ, US
[71] ENDURA PRODUCTS, INC., US
[22] 2018-06-06
[41] 2018-12-09
[30] US (62/517,398) 2017-06-09
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[30] US (16/001,029) 2018-06-06

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[25] EN
[54] **METAL ELECTRODE LEADLESS FACE (MELF) DEVICE CRADLE**
[54] **SUPPORT DE DISPOSITIF DE FACE D'ELECTRODE METALLIQUE SANS BORNE (MELF)**
[72] DOBI, STEVAN, CA
[71] PITYU CONTROLS INC., CA
[22] 2018-06-07
[41] 2018-12-09
[30] US (62/517,689) 2017-06-09

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[51] **Int.Cl. B65G 47/91 (2006.01) B25J 13/00 (2006.01)**
[25] EN
[54] **CARGO HANDLING APPARATUS AND OPERATION METHOD THEREOF**
[54] **APPAREIL DE MANUTENTION DE MARCHANDISE ET METHODE D'EXPLOITATION ASSOCIEE**
[72] NAKANO, TOSHIKI, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[71] TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION, JP
[22] 2018-06-07
[41] 2018-12-09
[30] JP (2017-114507) 2017-06-09

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[51] **Int.Cl. F03D 7/02 (2006.01) F03D 80/00 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING WIND TURBINE NOISE DURING HIGH WIND SPEED CONDITIONS**
[54] **SYSTEME ET METHODE DE REDUCTION DU BRUIT D'UNE EOLIENNE EN CONDITIONS DE VENTS FORTS**
[72] WETZEL, DREW ADAM, US
[72] HALLISSY, BENJAMIN, US
[72] EHRMANN, ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-06-07
[41] 2018-12-09
[30] US (15/618,180) 2017-06-09

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[13] A1
[51] **Int.Cl. A47K 11/00 (2006.01) E03D 9/04 (2006.01) E03D 11/11 (2006.01)**
[25] FR
[54] **SYSTEME DE TOILETTE SANS EAU A CHASSE HYGIENIQUE, ET METHODE**
[54] **HYGIENIC FLUSH & WATERLESS TOILETS SYSTEM AND METHOD**
[72] DERENONCOURT, FRANCK, CA
[71] DERENONCOURT, FRANCK, CA
[22] 2018-06-07
[41] 2018-12-14
[30] CA (2969969) 2017-06-14

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[51] **Int.Cl. B65H 75/02 (2006.01) A45C 11/00 (2006.01) A45F 5/00 (2006.01) B65H 75/36 (2006.01) H02J 4/00 (2006.01) H05K 7/12 (2006.01)**
[25] EN
[54] **PORTABLE POWER OR DATA RECEPTACLE WITH CORD**
[54] **PRISE DE DONNEES OU D'ALIMENTATION PORTATIVE DOTEE D'UN CORDON**
[72] BYRNE, NORMAN R., US
[72] BYRNE, DANIEL P., US
[72] WARD, JOSEPH D., US
[71] BYRNE, NORMAN R., US
[22] 2018-06-08
[41] 2018-12-09
[30] US (62/517615) 2017-06-09

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[13] A1
[51] **Int.Cl. E06B 7/16 (2006.01)**
[25] EN
[54] **WINDOW INSULATING KIT AND METHOD OF INSTALLATION**
[54] **TROUSE D'ISOLATION DE FENETRE ET METHODE D'INSALLATION**
[72] REED, ANDREW, CA
[72] MATTHEW, DAVE, CA
[71] LOXCREEN CANADA LTD., CA
[22] 2018-06-08
[41] 2018-12-09
[30] US (62/529,821) 2017-07-07
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[25] EN
[54] **MULTIPLE PORT BEAM BRACKET**
[54] **SUPPORT DE POUTRE MULTI ORIFICE**
[72] FOX, SAMUEL, US
[71] FOX HARDWOOD LUMBER COMPANY, L.L.C., US
[22] 2018-06-08
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[51] **Int.Cl. H04M 3/436 (2006.01) H04W 4/16 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ACCESSING CONFERENCE CALLS**
[54] **SYSTEMES ET METHODES D'ACCES A DES CONFERENCES TELEPHONIQUES**
[72] WELDON, KIM ANDREW, US
[72] CHARLESWORTH, AARON, US
[72] MEYERS, KEITH, US
[71] VONAGE BUSINESS INC., US
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[51] **Int.Cl. E03C 1/22 (2006.01) A47K 1/14 (2006.01) B67C 11/00 (2006.01) E03C 1/26 (2006.01) F16L 55/24 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DIVERTING THE FLOW OF LIQUID AND DEBRIS AROUND A CROSSBAR OF A DRAIN**
[54] **SYSTEME ET METHODE DE DERIVATION DE L'ECOULEMENT DE LIQUIDE ET DE DEBRIS AUTOUR D'UNE BARRE TRANSVERSALE D'UN DRAIN**
[72] HILLSTEN, JUSTIN A., US
[71] HILLSTEN, JUSTIN A., US
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[51] **Int.Cl. E21B 43/00 (2006.01)**
[25] FR
[54] **DEVELOPMENT PROCESS FOR A SEDIMENTARY BASIN COMPRISING HYDROCARBONS, USING A TERRESTRIAL ORGANIC MATTER ACCUMULATION MODEL**
[54] **PROCEDE D'EXPLOITATION D'UN BASSIN SEDIMENTAIRE COMPORTANT DES HYDROCARBURES, AU MOYEN D'UNE MODELISATION DE L'ACCUMULATION DE LA MATIERE ORGANIQUE TERRESTRE**
[72] CHAUVEAU, BENOIT, FR
[72] PUJOL, ARNAUD, FR
[72] AGELAS, LEO, FR
[72] GRANJEON, DIDIER, FR
[71] IFP ENERGIES NOUVELLES, FR
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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/06 (2006.01) A61B 17/72 (2006.01) A61B 17/88 (2006.01)**
[25] EN
[54] **HOLOGRAM LENS FOR POSITIONING AN ORTHOPEDIC IMPLANT**
[54] **LENTILLE D'HOLOGRAMME SERVANT A POSITIONNER UN IMPLANT ORTHOPEDIQUE**
[72] GOVARI, ASSAF, US
[72] ALTMANN, ANDRES CLAUDIO, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-06-11
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[51] **Int.Cl. G01R 31/02 (2006.01) H01H 85/04 (2006.01)**
[25] EN
[54] **METHOD OF MONITORING PARTIAL DISCHARGES IN A HIGH VOLTAGE ELECTRIC MACHINE, AND CONNECTION CABLE THEREFORE**
[54] **METHODE DE SURVEILLANCE DE DECHARGES PARTIELLES DANS UNE MACHINE ELECTRIQUE A HAUTE TENSION, ET CABLE DE CONNEXION ASSOCIE**
[72] CLOUTIER, MARIUS, CA
[72] CLOUTIER, MATHIEU, CA
[71] VIBROSYSTM INC., CA
[22] 2018-06-08
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[30] US (62/518,257) 2017-06-12

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[13] A1
[51] **Int.Cl. H02J 4/00 (2006.01) A47B 97/00 (2006.01) A47C 7/62 (2006.01) A47C 31/00 (2006.01) H01R 13/73 (2006.01) H02J 1/00 (2006.01) H02M 7/04 (2006.01)**
[25] EN
[54] **ELECTRICAL RECEPTACLE FOR FURNITURE**
[54] **PRISE ELECTRIQUE DESTINEE A UN MEUBLE**
[72] BYRNE, NORMAN R., US
[72] BYRNE, DANIEL P., US
[72] WARD, JOSEPH D., US
[72] LAUTENBACH, AARON G., US
[72] BURDI, ROGER D., US
[71] BYRNE, NORMAN R., US
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[30] US (62/518580) 2017-06-12

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[13] A1
[51] **Int.Cl. F25C 1/24 (2018.01) F25C 1/246 (2018.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR MAKING ICE BLOCKS, SUCH AS ICE CUBES**
[54] **APPAREILLAGES ET METHODES DE FABRICATION DE BLOCS DE GLACE COMME DES CUBES DE GLACE**
[72] WOOD, JORDAN, CA
[72] MIRAULT, TRAVIS, CA
[72] KOZELJ, MICHAEL, CA
[71] MATAYKA INC., CA
[22] 2018-06-11
[41] 2018-12-09
[30] US (62/517492) 2017-06-09

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[13] A1
[51] **Int.Cl. A61B 17/90 (2006.01) A61B 17/72 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **POSITIONING TOOL FOR AN ORTHOPEDIC IMPLANT**
[54] **OUTIL DE POSITIONNEMENT D'UN IMPLANT ORTHOPEDIQUE**
[72] GOVARI, ASSAF, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] GLINER, VADIM, IL
[72] ALGAWI, YEHUDA, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-06-11
[41] 2018-12-13
[30] US (15/621,677) 2017-06-13

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[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61B 5/042 (2006.01) A61B 18/14 (2006.01) A61M 25/092 (2006.01) A61M 25/14 (2006.01) A61M 25/16 (2006.01)**
[25] EN
[54] **CATHETER WITH COMPOSITE INSERT SUPPORT MEMBER**
[54] **CATHETER DOTE D'UN ELEMENT DE SUPPORT D'INSERTION COMPOSITE**
[72] SCHULTZ, JEFFREY WILLIAM, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-06-11
[41] 2018-12-13
[30] US (15/622,018) 2017-06-13

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[13] A1
[51] **Int.Cl. H01R 13/641 (2006.01)**
[25] EN
[54] **ELECTRICAL CONNECTOR WITH HAPTIC FEEDBACK**
[54] **CONNECTEUR ELECTRIQUE A RETROACTION HAPTIQUE**
[72] BYRNE, NORMAN R., US
[72] BYRNE, DANIEL P., US
[72] WARWICK, TIMOTHY J., US
[72] PETERSEN, THOMAS A., US
[72] PATE, RANDELL E., US
[72] MITCHELL, MARC A., US
[71] BYRNE, NORMAN R., US
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[41] 2018-12-12
[30] US (62/518213) 2017-06-12

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[13] A1
[51] **Int.Cl. G06K 9/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING AND READING INTRINSIC MATRIXED BAR CODES**
[54] **SYSTEMES ET METHODES DE GENERATION ET LECTURE DE CODES A BARRES A MATRICES INTRINSEQUES**
[72] BARNUM, ERIC, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2018-06-11
[41] 2018-12-14
[30] US (62/519212) 2017-06-14

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[13] A1
[51] **Int.Cl. B62D 33/02 (2006.01) B25H 5/00 (2006.01) B62D 25/20 (2006.01)**
[25] EN
[54] **TRUCK CADDY**
[54] **CHARIOT DE CAMION**
[72] DAVIS, FLOYD, US
[71] DAVIS, FLOYD, US
[22] 2018-06-11
[41] 2018-12-13
[30] US (15/621,573) 2017-06-13

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[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01) B60W 50/14 (2012.01) B60W 40/02 (2006.01) B62D 6/00 (2006.01) E21F 13/00 (2006.01)**
[25] EN
[54] **DRIVING ASSISTANCE SYSTEM FOR REVERSING A MINING HAULAGE VEHICLE**
[54] **SYSTEME D'AIDE A LA CONDUITE SERVANT A FAIRE RECULER UN VEHICULE DE REMORQUAGE MINIER**
[72] KAUFMANN, THOMAS, CH
[72] MUNDIM, MARCUS, BR
[72] QUEIROZ, ARTHUR, BR
[72] MIRANDA, FABRICIO, BR
[72] FERREIRA, ILDEFONSO, BR
[71] SAFEMINE AG, CH
[71] HEXAGON MINING TECNOLOGIA E SISTEMAS S.A., BR
[22] 2018-06-11
[41] 2018-12-12
[30] EP (EP17175587.9) 2017-06-12

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[13] A1
[51] **Int.Cl. C08G 77/46 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING SIC-BONDED POLYETHERSILOXANES**
[54] **PROCEDE DE PREPARATION DE POLYETHERSILOXANES LIES PAR SIC**
[72] KNOTT, WILFRIED, DE
[72] WINDBIEL, DAGMAR, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2018-06-12
[41] 2018-12-13
[30] EP (17175693.5) 2017-06-13

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[13] A1
[51] **Int.Cl. H02S 20/23 (2014.01) H02S 40/34 (2014.01) E04D 13/18 (2018.01)**
[25] EN
[54] **BUILDING INTEGRATED PHOTOVOLTAIC SYSTEMS**
[54] **SYSTEMES PHOTOVOLTAIQUES INTEGRES AU BATIMENT**
[72] CAYUELA, ALBERTO, CA
[72] LORDON, ROBERT ANDREW, CA
[72] SMITH, ALEXANDER ROSS CRAIG, CA
[71] CHE POWER STRUCTURES CORPORATION, CA
[22] 2018-06-11
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[51] **Int.Cl. B23D 47/02 (2006.01) B23D 45/02 (2006.01) B23D 45/04 (2006.01) B23D 45/14 (2006.01)**
[25] EN
[54] **MITER SAW**
[54] **SCIE A ONGLET**
[72] DUTTERER, DAVID E., US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2018-06-12
[41] 2018-12-13
[30] US (62/518,692) 2017-06-13

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[51] **Int.Cl. A43C 9/00 (2006.01) A43C 11/00 (2006.01) A43C 11/12 (2006.01)**
[25] EN
[54] **SHOE FASTENER AND EXTENSION TOOL**
[54] **DISPOSITIF D'ATTACHE DE CHAUSSURE ET OUTIL DE RALLONGE**
[72] ZOULAMIAN, HAGOP, CA
[71] ZIPLACE INC., CA
[22] 2018-06-12
[41] 2018-12-14
[30] US (62/519,215) 2017-06-14
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[51] **Int.Cl. B04C 9/00 (2006.01)**
[25] EN
[54] **DUAL-STAGE SEPARATOR**
[54] **SEPARATEUR A DEUX ETAGES**
[72] NAGGE, RORY, CA
[72] BOWLEY, RYAN, CA
[72] SPIRIDONOV, NIKOLAY, CA
[71] ENERCORP SAND SOLUTIONS INC., CA
[22] 2018-06-12
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[30] US (62/518,324) 2017-06-12

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[13] A1
[51] **Int.Cl. E04F 19/02 (2006.01) E04F 15/16 (2006.01)**
[25] EN
[54] **EDGE GUARD FOR AREA RUG**
[54] **PROTEGE-BORD DE CARPETTE**
[72] JOHNSTON, CURT, US
[72] MOWERS, TERRANCE ARTHUR, US
[71] TARKETT USA INC., US
[22] 2018-06-11
[41] 2018-12-09
[30] US (62/517,448) 2017-06-09

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[13] A1
[51] **Int.Cl. F16M 11/24 (2006.01) B60S 9/18 (2006.01) B62D 63/08 (2006.01) B66F 5/00 (2006.01)**
[25] EN
[54] **PORTABLE TRAILER STAND**
[54] **SUPPPORT DE REMORQUE PORTATIF**
[72] DI BIASE, JOSEPH J., CA
[71] IDEAL WAREHOUSE INNOVATIONS, INC., CA
[22] 2018-06-12
[41] 2018-12-12
[30] US (62/518351) 2017-06-12

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[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **PROTECTED NEEDLE ASSEMBLY FOR A HYPODERMIC NEEDLE**
[54] **ENSEMBLE D'AIGUILLE PROTEGEE DESTINE A UNE AIGUILLE HYPODERMIQUE**
[72] KIM, DAVID SANGHYUCK, CA
[71] DIFINITY SOLUTIONS INC., CA
[22] 2018-06-12
[41] 2018-12-13
[30] US (62/518,689) 2017-06-13

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[13] A1
[51] **Int.Cl. E21B 23/01 (2006.01) E21B 40/00 (2006.01)**
[25] EN
[54] **BYPASS STYLE HYDRAULIC SET AND QUARTER TURN TUBING ANCHORS**
[54] **ENSEMBLE HYDRAULIQUE DE TYPE DEVIATEUR ET ANCRAGES DE TUBAGE A QUART DE TOUR**
[72] BRINGHAM, HEATH, US
[71] D&L MANUFACTURING, INC., US
[22] 2018-06-11
[41] 2018-12-09
[30] US (16/004,632) 2018-06-11
[30] US (62/517,695) 2017-06-09

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[51] **Int.Cl. A61K 47/42 (2017.01) A61K 47/02 (2006.01) A61K 47/10 (2017.01) A61K 47/22 (2006.01) A61K 47/26 (2006.01)**
[25] EN
[54] **A PHARMACEUTICAL COMPOSITION AND A METHOD FOR PRODUCING THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] CHOWHURY, EZHARUL H., MY
[71] MONASH UNIVERSITY MALAYSIA, MY
[22] 2018-06-12
[41] 2018-12-14
[30] MY (PI 2017702177) 2017-06-14

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[51] **Int.Cl. E06B 3/48 (2006.01)**
[25] EN
[54] **BI-FOLD DOOR ASSEMBLY WITH FOLDING TRUSS**
[54] **ENSEMBLE DE PORTE PLIANTE DOTE D'UN MONTANT PLIANT**
[72] ENNS, JOHN L., CA
[71] ENNS, JOHN L., CA
[22] 2018-06-12
[41] 2018-12-12
[30] US (62518369) 2017-06-12

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[51] **Int.Cl. B61D 17/10 (2006.01) B61D 17/04 (2006.01)**
[25] EN
[54] **CONTAINER CATCHER**
[54] **RECEVEUR DE CONTENANT**
[72] PRABHAKARAN, ANAND, US
[72] BRABB, DAVID C., US
[72] TRENT, ROBERT S., US
[71] TRINITY RAIL GROUP, LLC, US
[22] 2018-06-12
[41] 2018-12-12
[30] US (62/518,357) 2017-06-12

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[13] A1
[51] **Int.Cl. C08G 77/46 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING SIC-BONDED POLYETHERSILOXANES**
[54] **PROCEDE DE PREPARATION DE POLYETHERSILOXANES LIES PAR SIC**
[72] KNOTT, WILFRIED, DE
[72] WINDBIEL, DAGMAR, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2018-06-12
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[30] EP (17175704.0) 2017-06-13

[21] **3,007,959**
[13] A1
[51] **Int.Cl. B65D 19/18 (2006.01)**
[25] EN
[54] **FIRE RETARDANT PALLET ASSEMBLY**
[54] **ASSEMBLAGE DE PALETTE RETARDATEUR DE COMBUSTION**
[72] APPS, WILLIAM P., US
[72] GAB, CHRISTOPHER N., US
[71] REHRIG PACIFIC COMPANY, US
[22] 2018-06-13
[41] 2018-12-13
[30] US (62/518,783) 2017-06-13

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[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/36 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LOCATION-BASED TOKEN TRANSACTION PROCESSING**
[54] **SYSTEME ET METHODE DE TRAITEMENT DE TRANSACTION DE JETON FONDE SUR L'EMPLACEMENT**
[72] VINTILA, JUSTINA-MIRUNA, CA
[72] SHEKHAWAT, NIKHIL SINGH, CA
[72] ORTIZ, EDISON U., CA
[72] BADAL-BADALIAN, ARNOLD, CA
[72] KHANDAVILLI, AMBICA PAWAN, CA
[72] KHAYAT, RASHA, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2018-06-13
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[30] US (62/542,590) 2017-08-08
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[21] **3,008,070**
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[51] **Int.Cl. H03M 7/06 (2006.01) G06N 3/12 (2006.01) H03M 7/30 (2006.01) H03M 13/47 (2006.01)**
[25] EN
[54] **METHODS OF CODING AND DECODING INFORMATION**
[54] **METHODES DE CODAGE ET DECODAGE D'INFORMATION**
[72] SMIRNOV, SERGEY NIKOLAYEVICH, RU
[71] SMIRNOV, SERGEY NIKOLAYEVICH, RU
[71] LANDIGRAD, LIMITED LIABILITY COMPANY, RU
[22] 2018-06-13
[41] 2018-12-14
[30] RU (2017120555) 2017-06-14

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[51] **Int.Cl. H02G 1/14 (2006.01) H01B 7/14 (2006.01) H01B 9/04 (2006.01) H01B 13/008 (2006.01) H02G 15/08 (2006.01)**
[25] EN
[54] **HVDC MASS IMPREGNATED CABLE TRANSITION JOINT**
[54] **JOINT DE TRANSITION DE CABLE IMPREGNE DE HVDC DANS LA MASSE**
[72] NIELSEN, GARD, NO
[72] JOHANSEN, BEN KRISTIAN, NO
[71] NEXANS, FR
[22] 2018-06-12
[41] 2018-12-14
[30] EP (17 305 726.6) 2017-06-14

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[51] **Int.Cl. H04B 7/02 (2018.01) H04B 7/185 (2006.01) H05K 7/20 (2006.01)**
[25] FR
[54] **EMISSION AND RECEPTION ASSEMBLY FOR A MULTIBEAM ANTENNAE AND MULTIBEAM ANTENNA**
[54] **ASSEMBLAGE D'EMISSION ET DE RECEPTION POUR UNE ANTENNE MULTIFAISCEAUX ET ANTENNE MULTIFAISCEAUX**
[72] BOSSHARD, PIERRE, FR
[72] MANGENOT, CYRIL JEAN BENOIT, FR
[72] MICHARD, FREDERIC, FR
[71] THALES, FR
[22] 2018-06-12
[41] 2018-12-13
[30] FR (17 00 620) 2017-06-13

[21] **3,008,089**
[13] A1
[51] **Int.Cl. B60C 27/22 (2006.01) B60C 27/04 (2006.01)**
[25] EN
[54] **TRACTION DEVICE FOR A VEHICLE WITH DUAL WHEELS**
[54] **APPAREIL DE TRACTION DESTINE A UN VEHICULE A DEUX ROUES**
[72] COUILLARD, JOHN A., US
[71] COUILLARD, JOHN A., US
[22] 2018-06-12
[41] 2018-12-12
[30] US (62/518235) 2017-06-12

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[13] A1
[51] **Int.Cl. A61K 47/02 (2006.01) A61K 47/10 (2017.01) A61K 47/30 (2006.01) A61K 47/42 (2017.01) A61P 35/00 (2006.01)**
[25] EN
[54] **A PHARMACEUTICAL COMPOSITION AND A METHOD FOR PRODUCING THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] CHOWDHURY, EZRAHUL H., MY
[71] MONASH UNIVERSITY MALAYSIA, MY
[22] 2018-06-13
[41] 2018-12-14
[30] MY (PI 2017702177) 2017-06-14

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[51] **Int.Cl. H04N 21/2343 (2011.01) H04N 21/643 (2011.01) H04N 19/115 (2014.01) H04N 19/40 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **VIDEO FRAGMENT FILE PROCESSING**
[54] **TRAITEMENT DE FICHIER VIDEO FRAGMENTE**
[72] PIKUS, KEVIN L., US
[72] MCMURRAY, RYAN, US
[72] SYED, YASSER F., US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2018-06-13
[41] 2018-12-13
[30] US (15/621,192) 2017-06-13

[21] **3,008,105**
[13] A1
[51] **Int.Cl. B27L 1/08 (2006.01) A01G 23/00 (2006.01)**
[25] EN
[54] **PHASE SHIFTING DEBARKING APPARATUS, SYSTEM AND METHOD**
[54] **APPAREIL, SYSTEME ET METHODE D'ECORCAGE A DECALAGE DE PHASE**
[72] THUEMLER, NICHOLAS JACCOB, US
[71] BID GROUP TECHNOLOGIES LTD., CA
[22] 2018-06-13
[41] 2018-12-13
[30] US (62/518,852) 2017-06-13

[21] **3,008,110**
[13] A1
[51] **Int.Cl. A61K 8/9783 (2017.01) A61K 8/03 (2006.01) A61K 8/06 (2006.01) A61K 8/30 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **SKIN MIMICKING EMULSION**
[54] **EMULSION IMITANT LA PEAU**
[72] ORMANCEY, XAVIER, US
[71] COUNTER BRANDS, LLC, US
[22] 2018-06-13
[41] 2018-12-14
[30] US (62/519,670) 2017-06-14
[30] US (15/906,600) 2018-02-27

[21] **3,008,120**
[13] A1
[51] **Int.Cl. C04B 41/87 (2006.01) C04B 35/80 (2006.01) C04B 35/84 (2006.01) D01F 11/00 (2006.01)**
[25] EN
[54] **METHOD OF FORMING A MOISTURE-TOLERANT COATING ON A SILICON CARBIDE FIBER**
[54] **METHODE DE FORMATION D'UN REVETEMENT TOLERANT L'HUMIDITE SUR UNE FIBRE DE CARBURE DE SILICIUM**
[72] KIDD, RICHARD W., US
[72] SHINAVSKI, ROBERT, US
[71] ROLLS-ROYCE HIGH TEMPERATURE COMPOSITES INC., US
[22] 2018-06-13
[41] 2018-12-15
[30] US (62/520110) 2017-06-15

[21] **3,008,155**
[13] A1
[51] **Int.Cl. G06Q 50/18 (2012.01) G06Q 20/00 (2012.01)**
[25] EN
[54] **SCALABLE COMPUTING SYSTEMS AND METHODS FOR INTELLECTUAL PROPERTY RIGHTS AND ROYALTY MANAGEMENT**
[54] **SYSTEMES INFORMATIQUES MODULABLES ET METHODES DE GESTION DES DROITS DE PROPRIETE INTELLECTUELLE ET DE REDEVANCES**
[72] OTT, ROBERT, CA
[72] GIANSANTE, CHRISTOPHER, CA
[71] OLE MEDIA MANAGEMENT (GP) INC., CA
[22] 2018-06-12
[41] 2018-12-12
[30] US (62/518,415) 2017-06-12

[21] **3,008,222**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 17/15 (2006.01) B81B 7/02 (2006.01)**
[25] EN
[54] **TIBIA CUTTING ASSEMBLY**
[54] **APPAREIL DE COUPE DU TIBIA**
[72] LEVEILLE, CATHERINE, CA
[72] PELLETIER, BENOIT, CA
[72] FALARDEAU, BRUNO, CA
[72] DUVAL, KARINE, CA
[71] ORTHOSOFT, INC., CA
[22] 2018-06-13
[41] 2018-12-13
[30] US (62/518,826) 2017-06-13

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[51] **Int.Cl. F16L 27/11 (2006.01) F01N 13/08 (2010.01) F01N 13/16 (2010.01) F01N 13/18 (2010.01) F16L 51/02 (2006.01) F16L 58/18 (2006.01) F16L 59/18 (2006.01)**
[25] EN
[54] **EXHAUST COUPLING SYSTEM AND METHOD**
[54] **SYSTEME DE RACCORD D'ECHAPPEMENT ET METHODE**
[72] SMITH, MICHAEL L., US
[72] SWANK, SCOTT R., US
[71] TRU-FLEX, LLC, US
[22] 2018-06-14
[41] 2018-12-15
[30] US (62/519954) 2017-06-15

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[13] A1
[51] **Int.Cl. A23L 11/00 (2016.01) A23P 30/20 (2016.01) A21D 8/02 (2006.01) A23L 7/109 (2016.01)**
[25] EN
[54] **PULSE-BASED PASTA AND PROCESS FOR MANUFACTURING THE SAME**
[54] **PATE PRODUITE PAR IMPULSION ET PROCEDE DE FABRICATION ASSOCIE**
[72] AL-KATIB, MURAD, CA
[72] BOURASSA, GAETAN, CA
[72] ARSLAN, HUSEYIN, CA
[72] BARTSCH, ERIC, CA
[72] KNUDSON, LES, CA
[72] VITALE, DAVIDE, CA
[72] TULBEK, MEHMET, CA
[71] AGT FOOD AND INGREDIENTS INC., CA
[22] 2018-06-14
[41] 2018-12-15
[30] US (62/520,369) 2017-06-15

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[13] A1
[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **COMBINATION IMPRESSION COPING AND SCAN BODY**
[54] **COMBINAISON D'IMPRESSION DE COMPOSITION ET DE CORPS DE BALAYAGE**
[72] MONTERO, MIGUEL, US
[72] CHELMINSKI, ALEXANDER, US
[71] BIOMET 3I, LLC, US
[22] 2018-06-13
[41] 2018-12-13
[30] US (62/518,698) 2017-06-13

[21] **3,008,274**
[13] A1
[51] **Int.Cl. G01S 11/06 (2006.01) H04W 64/00 (2009.01) H04B 17/318 (2015.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INDOOR TRACKING VIA WI-FI FINGERPRINTING AND ELECTROMAGNETIC FINGERPRINTING**
[54] **SYSTEMES ET METHODES DE SUIVI A L'INTERIEUR AU MOYEN D'EMPREINTE WIFI ET D'EMPREINTE ELECTROMAGNETIQUE**
[72] BALRAJ, KAMALKANNAN, US
[72] VENUGOPALAN, SUNIL, US
[72] BALLA, SIVAKUMAR, US
[72] RAJENDRAN, RAMKUMAR, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-06-13
[41] 2018-12-13
[30] US (62/518,763) 2017-06-13
[30] US (16/006,049) 2018-06-12

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[13] A1
[51] **Int.Cl. G16H 50/80 (2018.01) G06F 3/14 (2006.01) G06K 9/62 (2006.01)**
[25] EN
[54] **PLATFORM FOR CONTEXT BASED SYNDROMIC SURVEILLANCE**
[54] **PLATEFORME DE SURVEILLANCE SYNDROMIQUE FONDEE SUR LE CONTEXTE**
[72] CREHORE, YVES, CA
[72] BELCHER, TOM, CA
[72] LLORIN, JASON, CA
[71] RADICALOGIC TECHNOLOGIES, INC. DBA RL SOLUTIONS, CA
[22] 2018-06-13
[41] 2018-12-13
[30] US (62/518,816) 2017-06-13
[30] US (62/573,008) 2017-10-16

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[13] A1
[51] **Int.Cl. G06Q 50/06 (2012.01)**
[25] EN
[54] **LOAD DISAGGREGATION VIA NON-INTRUSIVE LOAD MONITORING (NILM)**
[54] **DESAGREGATION DE CHARGE AU MOYEN DE SURVEILLANCE DE CHARGE NON INTRUSIVE**
[72] GUSTAFSON, MARK WAYNE, US
[72] FIGY, AMANDA SUSAN, US
[72] KIRKEBY, CURTIS ALLEN, US
[71] AVISTA CORPORATION, US
[22] 2018-06-14
[41] 2018-12-15
[30] US (62/520,448) 2017-06-15

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[13] A1
[51] **Int.Cl. E05B 17/00 (2006.01) E05B 65/10 (2006.01)**
[25] EN
[54] **LATCH MECHANISM REINFORCING ASSEMBLY**
[54] **DISPOSITIF DE RENFORT DE MECANISME DE VERROU**
[72] BRENNAN, JOHN, US
[71] HANCHETT ENTRY SYSTEMS, INC., US
[22] 2018-06-14
[41] 2018-12-15
[30] US (62/520158) 2017-06-15

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[13] A1
[51] **Int.Cl. A61L 2/10 (2006.01) A61L 2/24 (2006.01) C02F 1/32 (2006.01)**
[25] EN
[54] **ULTRAVIOLET LIGHT WATER TREATMENT UNIT FOR HIGH FLOW RATE SYSTEMS**
[54] **MODULE DE TRAITEMENT DE L'EAU A LA LUMIERE ULTRAVIOLETTE DESTINE A DES SYSTEMES A HAUT DEBIT**
[72] TYMCHUK, STEVEN DENIS, CA
[72] OLSEN, RICHARD, US
[72] HANSEN, STEVE, US
[71] EBBTIDES MEDICAL INC., CA
[71] DOMINION INVESTMENTS LLC, US
[22] 2018-06-11
[41] 2018-12-09
[30] CA (2,970,494) 2017-06-09

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[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) A61M 15/06 (2006.01) A61M 21/00 (2006.01)**
[25] EN
[54] **AROMATHERAPY VAPORIZATION DEVICE**
[54] **APPAREIL DE VAPORISATION D'AROMATHERAPIE**
[72] TRZECIESKI, MICHAEL ALEXANDER, CA
[71] TRZECIESKI, MICHAEL ALEXANDER, CA
[22] 2018-06-15
[41] 2018-12-15
[30] US (62/519,972) 2017-06-15

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[13] A1
[51] **Int.Cl. A21C 15/02 (2006.01) A21C 15/00 (2006.01)**
[25] EN
[54] **PROCEDURE FOR THE PRODUCTION OF WAFER HALF-SHELLS**
[54] **METHODE DE PRODUCTION DE DEMI-ENVELOPPES DE GAUFRETTE**
[72] MASSA, LUCIANO, IT
[72] NEGRO, MATHIA, IT
[71] SOREMARTEC S.A., LU
[22] 2018-06-13
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[30] LU (100316) 2017-06-14

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[13] A1
[51] **Int.Cl. G01F 11/04 (2006.01)**
[25] EN
[54] **DROPPER MACHINE**
[54] **MACHINE DE DEVERESMENT**
[72] MARCARINO, MASSIMILIANO, IT
[71] SOREMARTEC S.A., LU
[22] 2018-06-13
[41] 2018-12-14
[30] LU (100315) 2017-06-14

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[13] A1
[51] **Int.Cl. G06Q 40/08 (2012.01) G07C 5/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ASSESSING THE INSURANCE RISK OF DRIVER BEHAVIOR USING GPS TRACKING AND MACHINE LEARNING**
[54] **SYSTEMES ET METHODES D'EVALUATION DE RISQUE D'ASSURANCE DU COMPORTEMENT D'UN CONDUCTEUR AU MOYEN DE LA SURVEILLANCE PAR GPS ET APPRENTISSAGE MACHINE**
[72] KILBURN, CHRISTOPHER BJORN, US
[71] FLEX LTD., SG
[22] 2018-06-15
[41] 2018-12-15
[30] US (62/520,346) 2017-06-15

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[13] A1
[51] **Int.Cl. H04W 48/16 (2009.01) H04W 84/10 (2009.01) H04B 17/318 (2015.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PALLET TRACKING WITH MIXED LOCAL-AREA AND WIDE-AREA TRACKERS**
[54] **SYSTEMES ET METHODES DE SUIVI DES PALETTES AU MOYEN DE MECANISMES DE SUIVI MIXTES DE ZONE LOCALE ET ZONE ELARGIE**
[72] KILBURN, CHRISTOPHER BJORN, US
[72] LUCRECIO, ARMANDO, J., US
[71] FLEX LTD., SG
[22] 2018-06-15
[41] 2018-12-15
[30] US (62/531,175) 2017-07-11
[30] US (62/520,342) 2017-06-15

[21] **3,008,525**
[13] A1
[51] **Int.Cl. G07C 5/08 (2006.01) H04W 4/029 (2018.01) H04W 4/38 (2018.01) G08G 1/127 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR HYBRID CLOUD-EDGE COMPUTING METHOD FOR AUTOMATED DECISION MAKING AND PROBABILISTIC OCCURRENCE**
[54] **SYSTEMES ET METHODES DE METHODE INFORMATIQUE HYBRIDE DE LIMITE NUAGIQUE DESTINES A LA PRISE DE DECISION AUTOMATISEE ET L'OCCURRENCE PROBABILISTE**
[72] LUCRECIO, ARMANDO J., US
[72] KILBURN, CHRISTOPHER BJORN, US
[71] FLEX LTD., SG
[22] 2018-06-15
[41] 2018-12-15
[30] US (62/520,348) 2017-06-15

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[72] DU, CHANGLONG, CN
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[54] **SEPARATEUR EAU-HYDROCARBURES**
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[54] **APPAREIL DE FORMAGE DE FIL METALLIQUE ET PROCEDE DE FORMAGE DE FIL METALLIQUE**
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[72] CLARE, DAVID, GB
[71] HS PRODUCTS LIMITED, GB
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[54] **APPAREIL DE RACCORDEMENT DE TUYAUX**
[72] SCHNEIDER, KIEREN, GB
[72] WHITE, JOHN, GB
[71] AFGLOBAL UK LIMITED, GB
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[54] **PYRIDINES SUBSTITUEES UTILISEES EN TANT QU'INHIBITEURS DE DNMT1**
[72] ADAMS, NICHOLAS DAVID, US
[72] BENOWITZ, ANDREW B., US
[72] RUEDA BENEDE, MARIA LOURDES, US
[72] EVANS, KAREN ANDERSON, US
[72] FOSBENNER, DAVID T., US
[72] KING, BRYAN WAYNE, US
[72] LI, MEI, US
[72] LUENGO, JUAN IGNACIO, US
[72] MILLER, WILLIAM HENRY, US
[72] REIF, ALEXANDER JOSEPH, US
[72] ROMERIL, STUART PAUL, US
[72] SCHMIDT, STANLEY J., US
[72] BUTLIN, ROGER J., GB
[72] GOLDBERG, KRISTIN M., GB
[72] JORDAN, ALLAN M., GB
[72] KERSHAW, CHRISTOPHER S., GB
[72] RAOOF, ALI, GB
[72] WASZKOWYCZ, BOHDAN, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[71] CANCER RESEARCH TECHNOLOGY LTD., GB
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[54] **ENSEMBLE LANCE**
[72] BIANCHI, JEFF, US
[71] REFRACTORY SERVICE CORP., US
[71] BIANCHI, JEFF, US
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[54] **SPORT BOARD BINDING SYSTEM**
[54] **SYSTEME DE FIXATION DE PLANCHE DE SPORT**
[72] SIERAKOWSKI, KENDALL, US
[71] SIERAKOWSKI, KENDALL, US
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[54] **APPARATUS AND METHOD TO FORM ENTRY BLEB FOR SUBRETINAL DELIVERY OF THERAPEUTIC AGENT**
[54] **APPAREIL ET PROCEDE DESTINES A FORMER UNE BULLE D'ENTREE POUR L'ADMINISTRATION SOUS-RETINIENNE D'UN AGENT THERAPEUTIQUE**
[72] PRICE, DANIEL W., US
[72] OBERKIRCHER, BRENDAN J., US
[72] PRENGER, DANIEL J., US
[72] KING, GEOFFREY, US
[72] MEYER, THOMAS E., US
[72] KO, BENJAMIN L., US
[71] ORBIT BIOMEDICAL LIMITED, GB
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[54] **SUBMERSIBLE PUMP PROTECTION MECHANISM FOR A BREAST MILK COLLECTION DEVICE WITH SELF-CONTAINED RESERVOIR**
[54] **MECANISME DE PROTECTION DE POMPE SUBMERSIBLE POUR DISPOSITIF DE COLLECTE DE LAIT MATERNEL A RESERVOIR AUTONOME**
[72] GARBEZ, DAN, US
[72] DAO, STELLA, US
[72] PAUL, DAVE, US
[72] SUTTON, BEN, US
[71] DAO HEALTH, US
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[54] **SYSTEME ET PROCEDE D'EVALUATION DE SYMPTOMES CINETIQUES AVANCES**
[72] HORNE, MALCOLM KENNETH, AU
[71] GLOBAL KINETICS PTY LTD, AU
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[54] **COATING OF PARTICULATE SUBSTRATES**
[54] **REVETEMENT DE SUBSTRATS PARTICULAIRES**
[72] HAIDAR, JAWAD, AU
[71] OTHRYS TECHNOLOGIES PTY LTD, AU
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[54] **APPARATUS AND METHOD FOR MOUNTING A SOUND MASKING DEVICE IN A HOTEL ROOM**
[54] **APPAREIL ET PROCEDE DE MONTAGE D'UN DISPOSITIF DE MASQUAGE SONORE DANS UNE CHAMBRE D'HOTEL**
[72] MOELLER, NIKLAS, CA
[71] 777388 ONTARIO LIMITED, CA
[85] 2018-12-03
[86] 2017-06-30 (PCT/CA2017/050794)
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[54] **METHOD AND FLUX FOR HOT GALVANIZATION**
[54] **PROCEDE ET FLUX POUR LA GALVANISATION A CHAUD**
[72] BAUMGURTEL, LARS, DE
[72] PINGER, THOMAS, DE
[71] FONTAINE HOLDINGS NV, BE
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[54] **REVETEMENTS AQUEUX FORMANT BARRIERE A L'EAU**
[72] DEETER, GARY A., US
[72] REINHOLD, FRANK, US
[72] SARDASHTI, AMIRPOUYAN, US
[72] SEECHARAN, ANDREW, US
[71] BASF SE, DE
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF HUMAN PAPILLOMAVIRUS (HPV)-ASSOCIATED DISEASES**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE MALADIES ASSOCIEES AU PAPILLOMAVIRUS HUMAIN (PVH)**
[72] JONES, FRANK R., US
[72] BALINT, JOSEPH, US
[72] LATCHMAN, YVETTE, US
[72] RICE, ADRIAN, US
[72] GABITZSCH, ELIZABETH, US
[71] ETUBICS CORPORATION, US
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[54] **PRODUCTION DE NEUROTOXINES CLOSTRIDIENNES ACTIVEES**
[72] LOVELOCK, LAURA, GB
[72] KWAN, DANIEL, GB
[72] HORROCKS, PETER DANIEL, GB
[72] FIELD, MALGORZATA, GB
[72] MARKS, PHILIP, GB
[71] IPSEN BIOPHARM LIMITED, GB
[85] 2018-11-30
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[54] **APTAMER-BASED ANALYTE ASSAYS**
[54] **DOSAGES D'ANALYTES BASES SUR LES APTAMERES**
[72] STOJANOVIC, MILAN, US
[72] YANG, KYUNGAE, US
[72] TAYLOR, STEVEN, US
[72] MILOSAVIC, NENAD, US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2018-12-03
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[54] **DATA INTERACTION PROCESSING METHOD, DEVICE AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE TRAITEMENT D'INTERACTION DE DONNEES**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-11-28
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[54] **PROTEIN COMPOSITION AND METHODS FOR ANALYSING MICROBIOTA**
[54] **COMPOSITION DE PROTEINE ET PROCEDES D'ANALYSE DU MICROBIOTE**
[72] STINTZI, ALAIN CHRISTOPHE, CA
[72] MACK, DAVID R., CA
[72] ZHANG, XU, CA
[72] NING, ZHIBIN, CA
[72] FIGEYS, JOSEPH MICHEL DANIEL, CA
[71] UNIVERSITY OF OTTAWA, CA
[71] CHILDREN'S HOSPITAL OF EASTERN ONTARIO RESEARCH INSTITUTE, CA
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[54] **APPAREIL DE GUIDAGE POUR ENTREE TANGENTIELLE DANS UN ESPACE SUPRACHOROIDAL**
[72] OBERKIRCHER, BRENDAN J., US
[72] KO, BENJAMIN L., US
[72] ROTH, ROBERT H., US
[72] ORTIZ, MARK S., US
[72] MEYER, THOMAS E., US
[72] BUSCH, FRANKLIN S., US
[72] KHAN, ISAAC J., US
[72] KEANE, MICHAEL F., US
[72] RAYMOND, ANNA R., US
[72] SCHUBERT, JACOB W., US
[71] ORBIT BIOMEDICAL LIMITED, GB
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[54] **LUBRICANT COMPOSITION**
[54] **COMPOSITION LUBRIFIANTE**
[72] GOYAL, ARJUN K., US
[72] BALASUBRAMANIAM, VASUDEVAN, US
[71] BASF SE, DE
[85] 2018-11-30
[86] 2017-06-01 (PCT/US2017/035380)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING INFLAMMATORY BOWEL DISEASES (IBDS) AND OTHER DISORDERS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE MALADIES INFLAMMATOIRES CHRONIQUES DE L'INTESTIN (MICI) ET D'AUTRES TROUBLES**
[72] BORODY, THOMAS J., AU
[71] CRESTOVO HOLDINGS LLC, US
[85] 2018-11-30
[86] 2017-06-01 (PCT/US2017/035449)
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[54] **VETEMENT INTELLIGENT A DETECTION**
[72] COOPER, BENJAMIN, US
[72] SMITH, TADD NICHOLAS, US
[71] THE NORTH FACE APPAREL CORP., US
[85] 2018-11-30
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[54] **POLYMER LINKERS AND THEIR USES**
[54] **LIEURS POLYMERES ET LEURS UTILISATIONS**
[72] SUN, BINYUAN, US
[71] NOVACYTE, INC., US
[85] 2018-11-30
[86] 2017-06-02 (PCT/US2017/035698)
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[54] **POLYCARBONATE UREA/URETHANE POLYMERS FOR USE WITH ANALYTE SENSORS**
[54] **POLYMERES DE POLYCARBONATE UREE/URETHANE DESTINES A ETRE UTILISES AVEC DES CAPTEURS D'ANALYTES**
[72] WANG, JENN-HANN LARRY, US
[71] MEDTRONIC MINIMED, INC., US
[85] 2018-11-30
[86] 2017-06-06 (PCT/US2017/036186)
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[30] US (62/346,301) 2016-06-06
[30] US (15/612,759) 2017-06-02

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[54] **MESH COMPOSITIONS AND METHODS OF PRODUCTION**
[54] **COMPOSITIONS POUR MAILLE ET LEURS METHODES DE PRODUCTION**
[72] XU, HUI, US
[72] COLLINS, SEAN, US
[72] HUANG, LI TING, US
[72] WAN, HUA, US
[72] CHEN, YI, US
[71] LIFECELL CORPORATION, US
[85] 2018-11-30
[86] 2017-06-09 (PCT/US2017/036708)
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[54] **EXECUTABLE LOGIC FOR PROCESSING KEYED DATA IN NETWORKS**
[54] **LOGIQUE EXECUTABLE POUR LE TRAITEMENT DE DONNEES ASSOCIEES A UNE CLE DANS DES RESEAUX**
[72] GOULD, JOEL, US
[72] STUDER, SCOTT, US
[72] STANFILL, CRAIG W., US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2018-11-23
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[54] **CANNON TURRET COMPRISING AT LEAST ONE AMMUNITION MAGAZINE, AND AMMUNITION CONTAINER FOR SUPPLYING A MAGAZINE OF SAID TYPE**
[54] **TOURELLE CANON COMPORTANT AU MOINS UN MAGASIN A MUNITION ET CAISSE A MUNITIONS DESTINEE A EQUIPER UN TEL MAGASIN**
[72] BAERT, STEVE, FR
[72] LAURENT, VIRGINIE, FR
[71] NEXTER SYSTEMS, FR
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[54] **PROCEDE ET APPAREIL D'EBOURGEONNAGE ET D'INHIBITION DE LA CROISSANCE DES CORNES**
[72] STEINFORT, JOHN JAMES, AU
[71] GOLD RYTHMN PTY LTD, AU
[85] 2018-12-03
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[51] **Int.Cl. H04W 72/04 (2009.01)**
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[54] **COMMUNICATION METHOD, NETWORK EQUIPMENT, AND TERMINAL EQUIPMENT**
[54] **PROCEDE DE COMMUNICATION, EQUIPEMENT DE RESEAU, ET EQUIPEMENT TERMINAL**
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **ELEMENT LONGITUDINAL POUR VEHICULE POIDS LOURD**
[72] LAM, JIMMY, FR
[72] SCHNEIDER, NICOLAS, FR
[71] ARCELORMITTAL, LU
[85] 2018-12-03
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[25] EN
[54] **BATTERY-POWERED RETROFIT REMOTE CONTROL DEVICE**
[54] **DISPOSITIF DE TELECOMMANDE MONTE EN RATTRAPAGE ALIMENTE PAR BATTERIE**
[72] DIMBERG, CHRIS, US
[72] MCDONALD, MATTHEW PHILIP, US
[72] SHIVELL, WILLIAM TAYLOR, US
[71] LUTRON ELECTRONICS CO., INC., US
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[30] US (62/345,222) 2016-06-03
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[54] **INTERFACE UTILISATEUR D'UN DISPOSITIF DE COMMANDE**
[72] DIMBERG, CHRIS, US
[72] KILLO, JASON C., US
[72] MCDONALD, MATTHEW PHILIP, US
[72] SHEARER, THOMAS M., US
[72] TWADDELL, DANIEL L., US
[71] LUTRON ELECTRONICS CO., INC., US
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[54] **THERAPIES CELLULAIRES ADOPTIVES UTILISEES EN TANT QU'OPTIONS DE TRAITEMENT PRECOCE**
[72] PARK, JAE H., US
[72] WANG, XIUYAN, US
[72] PURDON, TERENCE, US
[72] SADELAIN, MICHEL, US
[72] BRENTJENS, RENIER J., US
[72] RIVIERE, ISABELLE, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
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[30] US (62/345,682) 2016-06-03

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[51] **Int.Cl. B01D 46/00 (2006.01) A61K 9/14 (2006.01)**
[25] EN
[54] **COLLECTION DEVICE AND METHODS FOR USE**
[54] **DISPOSITIF DE COLLECTE ET PROCEDES D'UTILISATION**
[72] SUBRAMANIAM, BALA, US
[72] ESPINOSA, JAHNA, US
[72] JOHNSON, GREG, US
[72] SITTENAUER, JACOB M., US
[72] FARTHING, JOSEPH S., US
[71] CRITITECH, INC., US
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[86] 2016-06-06 (PCT/US2016/036013)
[87] (WO2016/197101)
[30] US (62/171,001) 2015-06-04
[30] US (62/171,060) 2015-06-04
[30] US (62/171,008) 2015-06-04

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[51] **Int.Cl. A61K 31/40 (2006.01) A61K 31/04 (2006.01) A61K 31/496 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR REDUCING NEUTROPENIA**
[54] **COMPOSITION ET METHODE PERMETTANT DE REDUIRE LA NEUTROPENIE**
[72] HUANG, LAN, US
[72] LLOYD, GEORGE KENNETH, US
[72] MOHANLAL, RAMON, US
[71] BEYONDSPRING PHARMACEUTICALS, INC., US
[85] 2018-12-03
[86] 2017-06-05 (PCT/US2017/035991)
[87] (WO2017/214052)
[30] US (62/346,426) 2016-06-06
[30] US (62/454,628) 2017-02-03

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[51] **Int.Cl. C08G 18/76 (2006.01) C08G 18/10 (2006.01) C08G 18/28 (2006.01) C08G 18/80 (2006.01)**
[25] EN
[54] **A BLOCKED ISOCYANATE COMPOSITION**
[54] **COMPOSITION D'ISOCYANATE BLOQUE**
[72] LOVEL, CRAIG GORDON, AU
[72] MCDAID, DANIEL, AU
[72] MCCALLUM, TRAVIS SCOTT, AU
[72] SHENG, SHAN LI, TW
[72] LIU, CHENG-DAR, TW
[71] HUNTSMAN INTERNATIONAL LLC, US
[85] 2018-12-03
[86] 2017-05-31 (PCT/US2017/035089)
[87] (WO2017/210234)
[30] EP (16172876.1) 2016-06-03

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[13] A1
[51] **Int.Cl. H04N 1/00 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR THE PASSIVE MONITORING AND REPORTING OF PRINTER-RELATED DATA ON USB CABLES**
[54] **SYSTEME ET PROCEDE POUR LA SURVEILLANCE ET DE COMMUNICATION PASSIVES DE DONNEES RELATIVES A UNE IMPRIMANTE SUR DES CABLES USB**
[72] DOYLE, DANIEL SR., US
[72] ADESSO, PATRICK, US
[72] CASTILLENTI, JILL, US
[72] HECHT, GIDEON, US
[72] LAUMAN, BRIAN, US
[72] ROBINSON, SCOTT, US
[72] DOYLE, DANIEL JR., US
[71] EMERGE PRINT MANAGEMENT, LLC, US
[85] 2018-12-03
[86] 2017-06-01 (PCT/US2017/035343)
[87] (WO2017/218196)
[30] US (15/172,210) 2016-06-03

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[51] **Int.Cl. A61K 38/17 (2006.01) A61K 47/54 (2017.01) A61K 47/60 (2017.01) A61K 47/64 (2017.01) A61K 47/68 (2017.01) C12Q 1/6809 (2018.01) C12Q 1/6883 (2018.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) C07K 7/08 (2006.01) C07K 14/47 (2006.01) C12N 9/02 (2006.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **MENTSH ANALOGS AS THERAPEUTICS FOR DIABETES, OBESITY, AND THEIR ASSOCIATED DISEASES AND COMPLICATIONS**
[54] **ANALOGUES DE MENTSH EN TANT QU'AGENTS THERAPEUTIQUES POUR LE DIABETE, L'OBESITE ET LEURS MALADIES ET COMPLICATIONS ASSOCIEES**
[72] COHEN, PINCHAS, US
[72] YEN, KELVIN, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2018-12-03
[86] 2017-06-23 (PCT/US2017/039139)
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[30] US (62/354,573) 2016-06-24

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[51] **Int.Cl. E02B 15/04 (2006.01) E02B 15/08 (2006.01)**
[25] EN
[54] **FLOATING OIL SPILL IGNITION DEVICE**
[54] **DISPOSITIF D'ALLUMAGE DE MAREE NOIRE**
[72] SEYFARTH, CHRIS, US
[71] FIKE CORPORATION, US
[85] 2018-12-03
[86] 2017-06-01 (PCT/US2017/035474)
[87] (WO2017/210442)
[30] US (62/345,385) 2016-06-03

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[51] **Int.Cl. H05B 37/02 (2006.01) H01H 19/02 (2006.01) H01H 25/06 (2006.01)**
[25] EN
[54] **CONTROL DEVICE FOR CONTROLLING MULTIPLE OPERATING CHARACTERISTICS OF AN ELECTRICAL LOAD**
[54] **DISPOSITIF DE COMMANDE DESTINE A COMMANDER PLUSIEURS CARACTERISTIQUES DE FONCTIONNEMENT D'UNE CHARGE ELECTRIQUE**
[72] DIMBERG, CHRIS, US
[72] SHEARER, THOMAS M., US
[72] TWADDELL, DANIEL L., US
[71] LUTRON ELECTRONICS CO., INC., US
[85] 2018-12-03
[86] 2017-06-02 (PCT/US2017/035610)
[87] (WO2017/210517)
[30] US (62/345,449) 2016-06-03
[30] US (62/356,288) 2016-06-29

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[51] **Int.Cl. H05B 37/02 (2006.01) H01H 25/06 (2006.01)**
[25] EN
[54] **CONTROL DEVICE FOR CONTROLLING MULTIPLE OPERATING CHARACTERISTICS OF AN ELECTRICAL LOAD**
[54] **DISPOSITIF DE COMMANDE DESTINE A COMMANDER PLUSIEURS CARACTERISTIQUES DE FONCTIONNEMENT D'UNE CHARGE ELECTRIQUE**
[72] DIMBERG, CHRIS, US
[72] TWADDELL, DANIEL L., US
[71] LUTRON ELECTRONICS CO., INC., US
[85] 2018-12-03
[86] 2017-06-02 (PCT/US2017/035596)
[87] (WO2017/210510)
[30] US (62/345,449) 2016-06-03
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[51] **Int.Cl. G06Q 30/06 (2012.01)**
[25] EN
[54] **PURCHASING METHOD AND SERVER THEREFOR**
[54] **PROCEDE D'ACHAT ET SERVEUR ASSOCIE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-12-04
[86] 2015-06-30 (PCT/CN2015/082791)
[87] (WO2017/000191)

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) H01H 3/02 (2006.01)**
[25] EN
[54] **RETROFIT REMOTE CONTROL DEVICE**
[54] **DISPOSITIF DE TELECOMMANDE MONTE EN RATTRAPAGE**
[72] DIMBERG, CHRIS, US
[71] LUTRON ELECTRONICS CO., INC., US
[85] 2018-12-03
[86] 2017-06-02 (PCT/US2017/035638)
[87] (WO2017/210532)
[30] US (62/345,485) 2016-06-03
[30] US (62/356,053) 2016-06-29

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[51] **Int.Cl. C10G 1/00 (2006.01) C08G 8/08 (2006.01) C08G 18/42 (2006.01) C08L 75/04 (2006.01) C09J 161/06 (2006.01) C09J 175/04 (2006.01) C10L 1/02 (2006.01)**
[25] EN
[54] **HYDROTHERMAL LIQUEFACTION OF LIGNOCELLULOSIC BIOMASS TO BIO-OILS WITH CONTROLLED MOLECULAR WEIGHTS**
[54] **LIQUEFACTION HYDROTHERMIQUE DE BIOMASSE LIGNOCELLULOSIQUE EN BIO-HUILES A POIDS MOLECULAIRES REGULES**
[72] XU, CHUNBAO, CA
[72] YUAN, ZHONGSHUN, CA
[72] FENG, SHANGHUAN, CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
[85] 2018-12-04
[86] 2017-06-27 (PCT/CA2017/050774)
[87] (WO2017/219151)
[30] US (62/354,332) 2016-06-24

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[51] **Int.Cl. H05B 37/02 (2006.01) H01H 19/02 (2006.01) H01H 25/06 (2006.01)**
[25] EN
[54] **USER INTERFACE FOR A CONTROL DEVICE**
[54] **INTERFACE UTILISATEUR POUR UN DISPOSITIF DE COMMANDE**
[72] BARD, BENJAMIN F., US
[72] DIMBERG, CHRIS, US
[72] KILLO, JASON C., US
[72] MCDONALD, MATTHEW PHILIP, US
[72] SHEARER, THOMAS M., US
[72] TWADDELL, DANIEL L., US
[71] LUTRON ELECTRONICS CO., INC., US
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[86] 2017-06-02 (PCT/US2017/035853)
[87] (WO2017/210657)
[30] US (62/345,449) 2016-06-03
[30] US (62/356,288) 2016-06-29

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/10 (2006.01) A61K 9/127 (2006.01) A61K 31/155 (2006.01) A61K 31/165 (2006.01) A61K 31/355 (2006.01) A61K 31/60 (2006.01) A61K 47/24 (2006.01) A61K 47/26 (2006.01) A61P 17/00 (2006.01) A61P 17/10 (2006.01) A61Q 19/00 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **BLENDED FORMULATIONS**
[54] **FORMULATIONS MELANGEES**
[72] HENRY, WILLIAM, GB
[72] GARRAWAY, RICHARD WOLF, GB
[71] SEQUESSOME TECHNOLOGY HOLDINGS LIMITED, MT
[85] 2018-12-04
[86] 2016-06-30 (PCT/EP2016/065415)
[87] (WO2017/001617)
[30] GB (1511478.8) 2015-06-30
[30] GB (1511469.7) 2015-06-30

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[51] **Int.Cl. D01F 1/10 (2006.01) G01N 33/36 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR COMMUNICATING FIBER PROPERTIES OF A YARN, INTENSIFYING YARN COLOR AND IMPROVING PROCESSING OF BULKED CONTINUOUS FILAMENT FIBER**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT DE COMMUNIQUER DES PROPRIETES DE FIBRE D'UN FIL, D'INTENSIFIER UNE COULEUR DE FIL ET D'AMELIORER UN TRAITEMENT DE LA FIBRE DE FILAMENT CONTINUGONFLANT**
[72] GULLEDGE, ALEXANDER L., US
[72] AGARWAL, NIRMAL KUMAR, US
[71] INVISTA TEXTILES (U.K.) LIMITED, GB
[85] 2018-12-03
[86] 2017-06-12 (PCT/US2017/036993)
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[30] US (62/349,286) 2016-06-13

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[51] **Int.Cl. C12P 3/00 (2006.01) C12N 1/12 (2006.01) H01L 31/0216 (2014.01)**
[25] EN
[54] **FRUSTULES EXTRACTED FROM BENTHIC PENNATE DIATOMS HARVESTED FROM AN INDUSTRIAL BIOFILM PROCESS**
[54] **FRUSTULES EXTRAITS DE DIATOMEES DE PENNATE BENTHIQUE RECOLTEES D'UN PROCESSUS INDUSTRIEL DE BIOFILM**
[72] ALLERT, SOFIE, SE
[72] WULFF, ANGELA, SE
[71] SWEDISH ALGAE FACTORY AB, SE
[85] 2018-12-04
[86] 2017-06-07 (PCT/EP2017/063851)
[87] (WO2017/211892)
[30] SE (1650803-8) 2016-06-08

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[51] **Int.Cl. H04L 9/32 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **PEER-TO-PEER SECURITY PROTOCOL APPARATUS, COMPUTER PROGRAM, AND METHOD**
[54] **APPAREIL, PROGRAMME INFORMATIQUE, ET PROCEDE DE FOURNITURE DE PROTOCOLE DE SECURITE PAIR A PAIR**
[72] SHERKIN, ALEXANDER, CA
[72] SINGH, RAVI, CA
[72] MATOVSKY, MICHAEL, CA
[72] CHIN, EUGENE, CA
[71] DARK MATTER L.L.C., CA
[85] 2018-12-04
[86] 2017-06-09 (PCT/CA2017/000143)
[87] (WO2017/210772)
[30] US (15/179,903) 2016-06-10

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[51] **Int.Cl. C07C 51/12 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF ACETIC ACID**
[54] **PROCEDE DE PRODUCTION D'ACIDE ACETIQUE**
[72] HENNIGAN, SEAN ANTHONY, GB
[71] BP CHEMICALS LIMITED, GB
[85] 2018-12-04
[86] 2017-06-08 (PCT/EP2017/063925)
[87] (WO2017/216024)
[30] GB (1610338.4) 2016-06-14

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[51] **Int.Cl. C21B 13/00 (2006.01) F27B 1/21 (2006.01) F27D 17/00 (2006.01)**
[25] EN
[54] **METHOD FOR DIRECT REDUCTION USING VENT GAS**
[54] **PROCEDE DE REDUCTION DIRECTE AVEC UTILISATION DE GAZ EVACUES**
[72] MILLNER, ROBERT, AT
[71] PRIMETALS TECHNOLOGIES AUSTRIA GMBH, AT
[85] 2018-12-04
[86] 2017-06-08 (PCT/EP2017/063938)
[87] (WO2017/211939)
[30] EP (16173659.0) 2016-06-09

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[13] A1
[51] **Int.Cl. A47C 20/04 (2006.01) A61G 7/015 (2006.01)**
[25] EN
[54] **ADJUSTABLE BED**
[54] **LIT REGLABLE**
[72] BROWN, PAUL, GB
[71] MOTUS MECHANICS LIMITED, GB
[85] 2018-12-04
[86] 2017-06-13 (PCT/GB2017/051722)
[87] (WO2017/216547)
[30] GB (1610212.1) 2016-06-13

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[13] A1
[51] **Int.Cl. A61K 38/20 (2006.01) A61K 39/395 (2006.01) C07K 14/55 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-PD-L1 AND IL-2 CYTOKINES**
[54] **ANTI-PD-L1 ET CYTOKINES IL-2**
[72] CAMPBELL, JAMIE, GB
[72] SANDY, NIKOLE, GB
[72] VAN KRINKS, CASSANDRA, GB
[72] ARKINSTALL, STEPHEN JOHN, GB
[72] GERMASCHEWSKI, VOLKER, GB
[72] KIRBY, IAN, GB
[72] KOSMAC, MIHA, GB
[72] GALLAGHER, THOMAS, GB
[72] DEANTONIO, CECILIA, GB
[72] GILLIES, STEPHEN DOUGLAS, US
[71] KYMAB LIMITED, GB
[85] 2018-12-04
[86] 2017-06-20 (PCT/GB2017/051795)
[87] (WO2017/220989)
[30] US (62/352,291) 2016-06-20
[30] US (15/211,504) 2016-07-15
[30] GB (1613683.0) 2016-08-09
[30] GB (1615224.1) 2016-09-07
[30] GB (1615335.5) 2016-09-09
[30] US (15/354,971) 2016-11-17
[30] GB (1620414.1) 2016-12-01
[30] GB (1621782.0) 2016-12-20
[30] GB (1702339.1) 2017-02-13
[30] GB (1702338.3) 2017-02-13
[30] GB (1703071.9) 2017-02-24
[30] US (15/480,525) 2017-04-06

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[13] A1
[51] **Int.Cl. G06F 9/48 (2006.01) G06F 9/50 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING PROXY SERVICE IN AN INDUSTRIAL SYSTEM**
[54] **PROCEDE ET SYSTEME DESTINES A LA FOURNITURE D'UN SERVICE MANDATAIRE DANS UN SYSTEME INDUSTRIEL**
[72] HARRIMAN, MERRILL, US
[72] MEHMEDAGIC, ALEN, US
[71] SCHNEIDER ELECTRIC INDUSTRIES SAS, FR
[85] 2018-12-04
[86] 2017-06-09 (PCT/EP2017/064149)
[87] (WO2017/212036)
[30] US (62/348,770) 2016-06-10
[30] US (62/354,683) 2016-06-24
[30] US (62/354,799) 2016-06-26
[30] US (62/406,932) 2016-10-11

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[51] **Int.Cl. A61K 36/758 (2006.01) A61K 31/192 (2006.01) A61K 31/7008 (2006.01) A61K 36/185 (2006.01) A61K 36/28 (2006.01) A61K 36/63 (2006.01) A61K 36/87 (2006.01) A61K 36/899 (2006.01) A61K 36/9068 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS USEFUL IN THE PREVENTION AND/OR TREATMENT OF OSTEOARTICULAR INFLAMMATION AND PAIN AND CARTILAGE DAMAGE**
[54] **COMPOSITIONS UTILES DANS LE TRAITEMENT PROPHYLACTIQUE ET/OU THERAPEUTIQUE DE L'INFLAMMATION ET DE LA DOULEUR OSTEO-ARTICULAIRE ET DES LESIONS DU CARTILAGE**
[72] BOMBARDELLI, EZIO, IT
[71] INDENA S.P.A., IT
[85] 2018-12-04
[86] 2017-06-28 (PCT/EP2017/066002)
[87] (WO2018/002144)
[30] IT (102016000067621) 2016-06-29

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[51] **Int.Cl. A61K 38/20 (2006.01) A61K 39/395 (2006.01) C07K 14/55 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTIBODIES**
[54] **ANTICORPS**
[72] CAMPBELL, JAMIE, GB
[72] SANDY, NIKOLE, GB
[72] VAN KRINKS, CASSANDRA, GB
[72] ARKINSTALL, STEPHEN JOHN, GB
[72] GERMASCHEWSKI, VOLKER, GB
[72] KIRBY, IAN, GB
[72] KOSMAC, MIHA, GB
[72] GALLAGHER, THOMAS, GB
[72] DEANTONIO, CECILIA, GB
[72] GILLIES, STEPHEN DOUGLAS, US
[71] KYMAB LIMITED, GB
[85] 2018-12-04
[86] 2017-06-20 (PCT/GB2017/051796)
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[30] US (62/352,291) 2016-06-20
[30] US (15/211,504) 2016-07-15
[30] GB (1613683.0) 2016-08-09
[30] GB (1615224.1) 2016-09-07
[30] GB (1615335.5) 2016-09-09
[30] US (15/354,971) 2016-11-17
[30] GB (1620414.1) 2016-12-01
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[30] GB (1702338.3) 2017-02-13
[30] GB (1702339.1) 2017-02-13
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[30] US (15/480,525) 2017-04-06

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[51] **Int.Cl. F24D 3/18 (2006.01) F24D 5/12 (2006.01) F24D 10/00 (2006.01)**
[25] EN
[54] **HEATING SYSTEM**
[54] **SYSTEME DE CHAUFFAGE**
[72] ROSEN, PER, SE
[71] E.ON SVERIGE AB, SE
[85] 2018-12-04
[86] 2017-06-29 (PCT/EP2017/066133)
[87] (WO2018/007235)
[30] EP (16178387.3) 2016-07-07

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[51] **Int.Cl. A61K 6/027 (2006.01) A61K 6/00 (2006.01) A61K 6/02 (2006.01) A61K 6/083 (2006.01)**
[25] EN
[54] **DENTAL COMPOSITION COMPRISING A DENTAL FILLER CONTAINING A STRUCTURAL FILLER AND SILANATED GLASS FLAKES**
[54] **COMPOSE DENTAIRE COMPRENANT UN AMALGAME DENTAIRE CONTENANT UN AMALGAME STRUCTURAL ET DES PAILLETTES DE VERRE SILANEES.**
[72] WEBER, CHRISTOPH, DE
[72] WALZ, UWE, DE
[72] NOERPEL, STEPHANIE, DE
[71] DENTSPLY DETREY GMBH, DE
[85] 2018-12-04
[86] 2017-06-30 (PCT/EP2017/066323)
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[30] EP (16177317.1) 2016-06-30

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[51] **Int.Cl. C21C 1/10 (2006.01) C22C 33/08 (2006.01)**
[25] EN
[54] **CAST IRON INOCULANT AND METHOD FOR PRODUCTION OF CAST IRON INOCULANT**
[54] **INOCULANT DE FONTE ET PROCEDE DE PRODUCTION D'INOCULANT DE FONTE**
[72] KNUSTAD, ODDVAR, NO
[71] ELKEM ASA, NO
[85] 2018-12-04
[86] 2017-06-29 (PCT/NO2017/050175)
[87] (WO2018/004357)
[30] NO (20161091) 2016-06-30

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[51] **Int.Cl. B42F 9/00 (2006.01)**
[25] EN
[54] **MEDIA BINDER ARRANGEMENT AND A METHOD OF MANUFACTURING A MEDIA BINDER**
[54] **CLASSEUR MULTIMEDIA ET PROCEDE DE FABRICATION D'UN CLASSEUR MULTIMEDIA**
[72] TOLF, GORAN, SE
[72] LATVAKANGAS, URPO, SE
[71] BINDOMATIC AB, SE
[85] 2018-12-04
[86] 2017-10-24 (PCT/EP2017/077182)
[87] (WO2018/103944)
[30] EP (16202897.1) 2016-12-08

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[13] A1
[51] **Int.Cl. A61F 2/50 (2006.01) A61F 2/60 (2006.01)**
[25] EN
[54] **SYSTEM AND ADAPTER DEVICE FOR FIXING A COVER TO A PROSTHETIC LIMB**
[54] **SYSTEME ET DISPOSITIF ADAPTATEUR POUR FIXER UN COUVERCLE A UN MEMBRE PROTHETIQUE**
[72] DAHLBERG, STAFFAN, SE
[72] FRANKSSON, STEPHANIE, SE
[72] NORDIN, AXEL, SE
[72] ARLEMARK, MALKUS, SE
[71] ANATOMIC STUDIOS SWEDEN AB, SE
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[25] EN
[54] **ARC FURNACE BOTTOM CONSTRUCTION**
[54] **STRUCTURE INFERIEURE DE FOUR A ARC**
[72] VAANANEN, EERO, FI
[71] OUTOKUMPU OYJ, FI
[85] 2018-12-04
[86] 2017-06-07 (PCT/FI2017/050422)
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[30] FI (20165473) 2016-06-07

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[54] **MULTIPHASIC COMPOSITIONS**
[54] **COMPOSITIONS MULTIPHASIQUES**
[72] GARRAWAY, RICHARD WOLF, GB
[72] HENRY, WILLIAM, GB
[71] SEQUESSOME TECHNOLOGY HOLDINGS LIMITED, MT
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[51] **Int.Cl. B01L 3/00 (2006.01) C12N 15/87 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR CELL TRANSDUCTION**
[54] **SYSTEMES ET PROCEDES DE TRANSDUCTION DE CELLULES**
[72] BORENSTEIN, JEFFREY T., US
[72] CHAREST, JOSEPH L., US
[72] DIBIASIO, CHRISTOPHER M., US
[72] BERLIN, DORIT, US
[72] BALESTRINI, JENNA, US
[72] SANTOS, JOSE A., US
[72] TANDON, VISHAL, US
[71] THE CHARLES STARK DRAPER LABORATORY, INC., US
[85] 2018-12-04
[86] 2017-06-05 (PCT/US2017/036001)
[87] (WO2017/214059)
[30] US (62/346,031) 2016-06-06
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[25] EN
[54] **SPLINT DEVICE FOR FORMING A FIDUCIAL MARKER FOR A SURGICAL ROBOT GUIDANCE SYSTEM, AND ASSOCIATED METHOD**
[54] **DISPOSITIF D'ATTELLE POUR FORMER UN MARQUEUR DE REPERE POUR UN SYSTEME DE GUIDAGE DE ROBOT CHIRURGICAL, ET PROCEDE ASSOCIE**
[72] SALCEDO, JUAN RICARDO, US
[72] MOZES, ALON, US
[72] SHAH, MANAN KISHORE, US
[72] ANDERSON, RYAN, US
[72] GANELES, JEFFREY, US
[72] GRANDE, FEDERICO, US
[72] KENNEDY, JOHN PHILIP, CA
[71] NEOCIS INC., US
[85] 2018-12-04
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[54] **METHOD AND APPARATUS FOR PROVIDING INDICATION OF THE ONCOMING PARTURITION IN LIVESTOCK**
[54] **PROCEDE ET APPAREIL POUR FOURNIR UNE INDICATION DE L'IMMINENCE DE LA PARTURITION CHEZ LE BETAIL**
[72] AUSTIN, NIALL, IE
[72] VUKAJLOVIC, MILAN, RS
[71] MOOCALL LIMITED, IE
[85] 2018-12-04
[86] 2017-03-16 (PCT/EP2017/056317)
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[54] **SEATING ARRANGEMENT**
[54] **AGENCEMENT DE SIEGE**
[72] PETERSON, GORDON J., US
[72] BATTEY, ROBERT J., US
[72] DEEVERS, NICKOLAUS WILLIAM CHARLES, US
[71] STEELCASE INC., US
[85] 2018-12-04
[86] 2017-06-06 (PCT/US2017/036165)
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[25] EN
[54] **INJECTION MOULDING TOOL WITH ADJUSTABLE CORE-CENTRING DEVICE**
[54] **OUTIL DE MOULAGE PAR INJECTION PRESENTANT UN DISPOSITIF AJUSTABLE DE CENTRAGE DU NOYAU**
[72] MUHLEMANN, ROLF, CH
[71] FOSTAG FORMENBAU AG, CH
[85] 2018-12-04
[86] 2017-03-28 (PCT/EP2017/057270)
[87] (WO2017/215801)
[30] CH (00750/16) 2016-06-13

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[51] **Int.Cl. A61K 39/00 (2006.01) C12N 15/02 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **MONOCLONAL ANTIBODIES, COMPOSITIONS AND METHODS FOR DETECTING MUCIN-LIKE PROTEIN (MLP) AS A BIOMARKER FOR OVARIAN AND PANCREATIC CANCER**
[54] **ANTICORPS MONOCLONAUX, COMPOSITIONS ET METHODES DE DETECTION DE LA PROTEINE DE TYPE MUCINE (MLP) EN TANT QUE BIOMARQUEUR DU CANCER DE L'OVAIRE ET DU PANCREAS**
[72] SCHWAEBLE, HANS-WILHELM, GB
[72] DEMOPULOS, GREGORY A., US
[71] UNIVERSITY OF LEICESTER, GB
[71] OMEROS CORPORATION, US
[85] 2018-12-04
[86] 2017-06-06 (PCT/US2017/036204)
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[54] **SELECTIVELY ALTERING MICROBIOTA FOR IMMUNE MODULATION**
[54] **MODIFICATION SELECTIVE DU MICROBIOTE POUR UNE MODULATION IMMUNITAIRE**
[72] CLUBE, JASPER, GB
[72] SOMMER, MORTEN, DK
[72] GRONDAHL, CHRISTIAN, GB
[72] VAZQUEZ-URIBE, RUBEN, DK
[72] VAN DER HELM, ERIC, DK
[71] SNIPR TECHNOLOGIES LIMITED, GB
[85] 2018-12-04
[86] 2017-06-04 (PCT/EP2017/063593)
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[30] GB (1609811.3) 2016-06-05

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[51] **Int.Cl. C07K 14/33 (2006.01) A61K 38/00 (2006.01) A61K 38/48 (2006.01)**
[25] EN
[54] **ENGINEERED BOTULINUM NEUROTOXINS**
[54] **NEUROTOXINES DE BOTULINUM MODIFIEES**
[72] ZHANG, SICAI, US
[72] DONG, MIN, US
[72] STENMARK, PAUL, SE
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[71] STENMARK, PAUL, SE
[85] 2018-12-04
[86] 2017-06-08 (PCT/US2017/036628)
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[51] **Int.Cl. C02F 1/00 (2006.01) C02F 1/68 (2006.01)**
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[54] **REMOVING FINE PARTICULATE MATTER FROM FLUID STREAMS**
[54] **ELIMINATION DE MATIERE PARTICULAIRE FINE DE FLUX**
[72] SOANE, DAVID S., US
[72] ASHCRAFT, JAMES N., US
[72] SILVERSTONE, ALLISON, US
[71] SOANE MINIING, LLC, US
[85] 2018-12-04
[86] 2017-04-11 (PCT/US2017/026921)
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[51] **Int.Cl. A61F 2/16 (2006.01) A61F 9/007 (2006.01) A61L 27/14 (2006.01)**
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[54] **PROSTHETIC CAPSULAR DEVICES, SYSTEMS, AND METHODS**
[54] **DISPOSITIFS CAPSULAIRES PROTHETIQUES, SYSTEMES ET PROCEDES**
[72] WORTZ, GARY N., US
[72] IFLAND, RICK WILLIAM, US
[71] OMEGA OPHTHALMICS LLC, US
[85] 2018-12-04
[86] 2017-06-02 (PCT/US2017/035627)
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[25] EN
[54] **PREVENTING OR MITIGATING CHEMOTHERAPY INDUCED ALOPECIA USING VITAMIN D**
[54] **PREVENTION OU ATTENUATION DE L'ALOPECIE INDUITE PAR LA CHIMIOTHERAPIE A L'AIDE DE VITAMINE D**
[72] NARAIN, NIVEN RAJIN, US
[72] SARANGARAJAN, RANGAPRASAD, US
[72] JIMENEZ, JOAQUIN J., US
[71] BERG LLC, US
[85] 2018-12-04
[86] 2017-06-05 (PCT/US2017/036011)
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[54] **SOLUTION-SPUN POLYAMIDE NANOFIBER NONWOVENS**
[54] **NON TISSES EN NANOFIBRES DE POLYAMIDE FILEES EN SOLUTION**
[72] SCHOOTS, HARRIE P., US
[72] YUNG, WAI-SHING, US
[72] OSBORN, SCOTT E., US
[72] TRASK, CRAIG A., US
[71] ASCEND PERFORMANCE MATERIALS OPERATIONS LLC, US
[85] 2018-12-04
[86] 2017-06-06 (PCT/US2017/036062)
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[51] **Int.Cl. C07D 493/08 (2006.01) A61K 31/355 (2006.01) A61P 35/00 (2006.01)**
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[54] **FXR (NR1H4) MODULATING COMPOUNDS**
[54] **NOUVEAUX COMPOSES MODULANT LE FXR (NR1H4)**
[72] GEGE, CHRISTIAN, DE
[71] GILEAD SCIENCES, INC., US
[85] 2018-12-04
[86] 2017-06-12 (PCT/US2017/036955)
[87] (WO2017/218379)
[30] US (62/349,494) 2016-06-13

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[51] **Int.Cl. H03K 19/0175 (2006.01) B82Y 10/00 (2011.01) H03K 19/195 (2006.01)**
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[54] **SUPERCONDUCTING TUNABLE COUPLER**
[54] **COUPLEUR ACCORDABLE SUPRACONDUCTEUR**
[72] ABUTALEB, MOHAMED O., US
[72] PRZYBYSZ, ANTHONY JOSEPH, US
[72] STRAND, JOEL D., US
[72] NAAMAN, OFER, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2018-12-04
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[30] US (15/192,756) 2016-06-24

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[25] EN
[54] **MODIFIED RNA ENCODING VEGF-A POLYPEPTIDES, FORMULATIONS, AND USES RELATING THERETO**
[54] **ARN MODIFIE CODANT POUR DES POLYPEPTIDES VEGF-A, FORMULATIONS ET UTILISATIONS ASSOCIEES**
[72] PARINDER, LEIF KARLSSON, SE
[72] FRITSCHE DANIELSON, REGINA DESIREE, SE
[72] HANSSON, KENNY MIKAEL, SE
[72] GAN, LI MING, SE
[72] CLARKE, JONATHAN, SE
[72] EGNELL, ANN-CHARLOTTE EVA, SE
[72] CHIEN, KENNETH RANDALL, SE
[71] MODERNATX, INC., US
[85] 2018-12-04
[86] 2017-06-06 (PCT/US2017/036188)
[87] (WO2017/214175)
[30] US (62/346,979) 2016-06-07
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[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/493 (2006.01) G01N 33/50 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **MANAGEMENT OF ACUTE KIDNEY INJURY USING INSULIN-LIKE GROWTH FACTOR-BINDING PROTEIN 7 AND TISSUE INHIBITOR OF METALLOPROTEINASE 2**
[54] **PRISE EN CHARGE DE LESIONS RENALES AIGUES AU MOYEN DE LA PROTEINE DE LIAISON DE FACTEUR DE CROISSANCE INSULINOMIMETIQUE 7 ET DE L'INHIBITEUR TISSULAIRE DE METALLOPROTEINASE 2**
[72] MCPHERSON, PAUL, US
[72] KAMPF, JAMES PATRICK, US
[72] KELLUM, JOHN A., US
[71] ASTUTE MEDICAL, INC., US
[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2018-12-04
[86] 2017-06-06 (PCT/US2017/036227)
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[30] US (62/346,381) 2016-06-06

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[25] EN
[54] **NON-CLEAVABLE POLYMER CONJUGATED WITH .ALPHA..NU..BETA.3 INTEGRIN THYROID ANTAGONISTS**
[54] **POLYMERE NON CLIVABLE CONJUGUE AVEC DES ANTAGONISTES THYROIDIENS DE L'INTEGRINE .ALPHA..NU..BETA.3**
[72] MOUSA, SHAKER A., US
[72] RAJABI, MEHDI, US
[71] NANOPHARMACEUTICALS, LLC, US
[85] 2018-12-04
[86] 2017-06-07 (PCT/US2017/036396)
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[30] US (62/346,659) 2016-06-07

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[51] **Int.Cl. C07D 207/08 (2006.01) A61K 31/40 (2006.01) A61K 31/454 (2006.01) C07D 207/09 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **ALIPHATIC PROLINAMIDE DERIVATIVES**
[54] **DERIVES DE PROLINAMIDE ALIPHATIQUE**
[72] CHEN, AUSTIN CHIH-YU, US
[72] GOMEZ, ROBERT, CA
[72] OBALLA, RENATA MARCELLA, CA
[72] POWELL, DAVID ANDREW, CA
[72] ROPPE, JEFFREY ROGER, US
[72] SEIDERS, THOMAS JON, US
[72] SHENG, TAO, CA
[71] ORION OPHTHALMOLOGY LLC, US
[85] 2018-12-04
[86] 2017-06-15 (PCT/US2017/037773)
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[51] **Int.Cl. B32B 15/01 (2006.01) C21D 1/18 (2006.01) C21D 1/25 (2006.01) C21D 1/26 (2006.01) C21D 6/00 (2006.01) C21D 8/02 (2006.01) C21D 9/46 (2006.01) C22C 38/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/08 (2006.01) C22C 38/12 (2006.01) C22C 38/14 (2006.01) C22C 38/16 (2006.01) C22C 38/18 (2006.01) C22C 38/40 (2006.01) C22C 38/54 (2006.01) C23C 2/02 (2006.01) C23C 2/06 (2006.01) C23C 28/02 (2006.01)**
[25] EN
[54] **HIGH STRENGTH STEEL PRODUCTS AND ANNEALING PROCESSES FOR MAKING THE SAME**
[54] **PRODUITS D'ACIER A HAUTE RESISTANCE ET PROCEDES DE RECUIT POUR FABRIQUER CEUX-CI**
[72] HOYDICK, DAVID PAUL, US
[72] SILVA, EDUARDO AUGUSTO, US
[72] MCCOSBY, MATTHEW MICHAEL, US
[71] UNITED STATES STEEL CORPORATION, US
[85] 2018-12-04
[86] 2017-05-10 (PCT/US2017/031938)
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[30] US (62/334,189) 2016-05-10
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[51] **Int.Cl. E06B 3/263 (2006.01) E04G 21/00 (2006.01) E06B 1/04 (2006.01) E06B 1/12 (2006.01) E06B 3/12 (2006.01) E06B 3/76 (2006.01)**
[25] EN
[54] **INSULATED REINFORCED DOOR PANEL AND DOOR FRAME WITH THERMAL BREAK**
[54] **PANNEAU DE PORTE RENFORCE ET ISOLE ET CADRE DE PORTE A RESISTANCE THERMIQUE**
[72] BOBBY, NEAL STRICKLAND, US
[72] BADGETT, JEFFREY R., US
[72] STEWART, CHARLES PRENTICE, US
[72] CHILDERS, DALE R., US
[72] HUGHES, VINCE A., US
[71] AADG, INC., US
[85] 2018-12-04
[86] 2017-07-28 (PCT/US2017/044441)
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[30] US (62/370,976) 2016-08-04
[30] US (62/370,970) 2016-08-04

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[51] **Int.Cl. A61K 38/18 (2006.01) C07K 14/50 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF SECRETORY DISORDERS**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE TROUBLES SECRETOIRES**
[72] MANGELSDORF, DAVID J., US
[72] KLIEWER, STEVEN A., US
[72] COATE, KATIE C., US
[72] HERNANDEZ, GENARO, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-12-04
[86] 2017-05-24 (PCT/US2017/034288)
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[30] US (62/341,591) 2016-05-25

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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/415 (2006.01) A61K 31/42 (2006.01) A61P 1/16 (2006.01) A61P 3/10 (2006.01) A61P 35/00 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **FXR (NR1H4) MODULATING COMPOUNDS**
[54] **COMPOSES MODULANT LE FXR (NR1H4)**
[72] BLOMGREN, PETER A., US
[72] CURRIE, KEVIN S., US
[72] FARAND, JULIE, US
[72] GEGE, CHRISTIAN, DE
[72] KROPF, JEFFREY E., US
[72] XU, JIANJUN, US
[71] GILEAD SCIENCES, INC., US
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[86] 2017-06-09 (PCT/US2017/036743)
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[30] US (62/349,479) 2016-06-13

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[51] **Int.Cl. A62C 35/68 (2006.01)**
[25] EN
[54] **SPRINKLER HEAD ADAPTER**
[54] **ADAPTATEUR DE TETE D'EXTINCTEUR**
[72] PRESSNELL, KEVIN W., US
[71] TYCO FIRE PRODUCTS LP, US
[85] 2018-12-04
[86] 2017-06-08 (PCT/US2017/036584)
[87] (WO2017/214418)
[30] US (62/348,624) 2016-06-10

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[13] A1
[51] **Int.Cl. C12N 1/12 (2006.01) C12P 7/06 (2006.01)**
[25] EN
[54] **NOVEL MICROALGA HAVING AGGREGATION ABILITY**
[54] **NOUVELLE MICROALGUE PRESENTANT UNE CAPACITE D'AGREGATION**
[72] SHIOBARA, NOZOMI, JP
[72] KINOSHITA, SHOHEI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2018-12-04
[86] 2017-04-21 (PCT/JP2017/016099)
[87] (WO2017/217116)
[30] JP (2016-120762) 2016-06-17

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[51] **Int.Cl. A61K 31/18 (2006.01) A61K 31/435 (2006.01) A61K 31/437 (2006.01) C07D 417/02 (2006.01) C07D 417/08 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **METHODS OF TREATING PANCREATIC CANCER**
[54] **METHODES DE TRAITEMENT DU CANCER DU PANCREAS**
[72] BEKKER, PETRUS, US
[72] MIAO, SHICHANG, US
[72] CHARO, ISRAEL, US
[72] SCHALL, TOM, US
[71] CHEMOCENTRYX, INC., US
[85] 2018-12-04
[86] 2017-06-13 (PCT/US2017/037264)
[87] (WO2017/218544)
[30] US (62/349,217) 2016-06-13
[30] US (62/382,689) 2016-09-01

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[51] **Int.Cl. C07K 1/18 (2006.01) C07K 1/22 (2006.01) C07K 16/06 (2006.01) C07K 16/22 (2006.01)**
[25] EN
[54] **PURIFICATION OF MULTISPECIFIC ANTIBODIES**
[54] **PURIFICATION D'ANTICORPS MULTISPECIFIQUES**
[72] GIESE, GLEN SCOTT, US
[72] ROSENBERG, EVA, CH
[72] SALLIER, BERNARD, CH
[72] KONRAD, SUSANNE, CH
[72] KOEHNLEIN, WOLFGANG, CH
[72] WILLMANN, STEFFEN, CH
[72] BIALAS, AGATHE, CH
[72] KALEAS-CARROLL, KIMBERLY ANN, US
[72] YIGZAW, YINGES, US
[71] GENENTECH, INC., US
[85] 2018-12-04
[86] 2017-06-16 (PCT/US2017/038007)
[87] (WO2017/218977)
[30] US (62/351,908) 2016-06-17

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[13] A1
[51] **Int.Cl. A63C 5/00 (2006.01)**
[25] EN
[54] **SLIDING INSTRUMENT AND METHOD FOR MANUFACTURING SAME**
[54] **INSTRUMENT DE GLISSE ET SON PROCEDE DE FABRICATION**
[72] MORINAGA, HITOSHI, JP
[72] ISHIDA, HIROYUKI, JP
[72] MIYAMOTO, NAOTO, JP
[71] FUJIMI INCORPORATED, JP
[85] 2018-12-04
[86] 2017-06-02 (PCT/JP2017/020669)
[87] (WO2017/213051)
[30] JP (2016-116395) 2016-06-10

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[51] **Int.Cl. C07K 7/08 (2006.01) A61K 51/00 (2006.01) C07K 7/64 (2006.01) C07K 16/00 (2006.01) G01N 33/534 (2006.01) G01N 33/574 (2006.01)**
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[54] **SITE-SPECIFIC RADIOISOTOPE-LABELED ANTIBODY USING IGG-BINDING PEPTIDE**
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[72] SHOYAMA, YOSHINARI, JP
[72] HAYASHI, AKIO, JP
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[54] **COMPOSES UTILES POUR TRAITER DES TROUBLES METABOLIQUES**
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[72] CALAY, EDIZ, US
[72] TIROSH, AMIR, US
[72] TUNCMAN, GUROL, US
[72] SEKIYA, MOTOHIRO, US
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[71] 10353744 CANADA LTD., CA
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[54] **PROCEDE DE DIFFUSION D'INFORMATIONS PUBLICITAIRES, PROCEDE DE MISE EN □UVRE DE JUSTIFICATIF ELECTRONIQUE, ET SYSTEME**
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[54] **PROCEDE ET SYSTEME POUR UNE PRESENTATION PERSONNALISEE D'UN ENSEMBLE DE CONTENU MULTIMEDIA**
[72] XU, YILING, CN
[72] ZHANG, WENJUN, CN
[72] LI, TENG, CN
[72] CHEN, HAO, CN
[72] WANG, YANFENG, CN
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[72] XU, YILING, CN
[72] ZHANG, WENJUN, CN
[72] FENG, SHAN, CN
[72] CHEN, HAO, CN
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[54] **INSTRUMENTS, SYSTEMES ET PROCEDES DE DRAINAGE DE FLUIDE SOUS-RETINIEN.**
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[71] NOVARTIS AG, CH
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[72] RAKSI, FERENC, US
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[54] **PROCEDE DE PRODUCTION DE REACTIF POUR REDUIRE LA RESISTANCE HYDRODYNAMIQUE D'UN FLUX TOURBILLONNAIRE D'HYDROCARBURES LIQUIDES DANS DES CONDUITS**
[72] PALEY, RUSLAN VLADIMIROVICH, RU
[72] MALYKHIN, IGOR ALEKSANDROVICH, RU
[71] "MIRRICO" LIMITED LIABILITY COMPANY, RU
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[54] **PROCEDE DE FABRICATION DE COMBUSTIBLE NUCLEAIRE CERAMIQUE EN PASTILLES**
[72] SHILOV, VASILIY VASIL'EVICH, RU
[71] JOINT STOCK COMPANY "SCIENTIFIC-RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY", RU
[71] JOINT STOCK COMPANY "SCIENCE AND INNOVATIONS", RU
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[72] XU, QIHUA, US
[72] WANG, GONGHAO, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **MECANISME INVIOLABLE POUR DISPOSITIFS DE CABLAGE ELECTRIQUE**
[72] SCANZILLO, THOMAS L., US
[72] BAZAYEV, EDWARD, US
[72] WALKER, JASON ZACHARY, US
[71] HUBBELL INCORPORATED, US
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[54] **TUBE EN ACIER INOXYDABLE SANS SOUDURE DE HAUTE RESISTANCE DESTINE AUX PUITS DE PETROLE ET SON PROCEDE DE PRODUCTION**
[72] EGUCHI, KENICHIRO, JP
[72] ISHIGURO, YASUHIDE, JP
[71] JFE STEEL CORPORATION, JP
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[54] **PROCESS CONTROL DEVICE, PROCESS CONTROL METHOD, AND RECORDING MEDIUM HAVING PROCESS CONTROL PROGRAM RECORDED THEREIN**
[54] **DISPOSITIF DE CONTROLE DE PROCESSUS, PROCEDE DE CONTROLE DE PROCESSUS, ET SUPPORT D'ENREGISTREMENT SUR LEQUEL EST ENREGISTRE UN PROGRAMME DE CONTROLE DE PROCESSUS**
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[72] IWAMOTO, MICHIHIKO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
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[72] IWAMOTO, MICHIHIKO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
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[54] **COMPOSES INJECTABLES**
[72] DELANEY, JOSEPH T., US
[72] RAYBIN, SAMUEL, US
[72] KUMMAILIL, JOHN, US
[72] HOLLYER, MATTHEW B., US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
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[54] **ENSEMBLE DE SCIE A TROU**
[72] BROEKMAN, HENDRIKUS JOHANNES, NL
[71] GRIPP-X B.V., NL
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[54] **RECEPTOR SELECTIVE RETINOID AND REXINOID COMPOUNDS AND IMMUNE MODULATORS FOR CANCER IMMUNOTHERAPY**
[54] **COMPOSES RETINOIDES ET REXINOIDES SELECTIFS DU RECEPTEUR ET MODULATEURS IMMUNITAIRES POUR L'IMMUNOTHERAPIE DU CANCER**
[72] CHANDRARATNA, ROSHANTHA A., US
[72] SANDERS, MARTIN E., US
[71] IO THERAPEUTICS, INC., US
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[54] **INHIBITEURS DE PROTEASOME**
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[72] STARK, HOLGER, DE
[72] SCHRADER, JIL, DE
[72] HENNEBERG, FABIAN, DE
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[54] **SOUCHES MICROBIENNES POUR LUTTER BIOLOGIQUEMENT CONTRE LA FUSARIOSE DE L'EPI CAUSEE PAR LE FUSARIUM**
[72] COMBY, MORGANE ANNE LAURE, FR
[72] PROFIZI, CAMILLE SIMONE MADELEINE, FR
[72] BAILLIEUL, FABIENNE LOUISE MADELEINE, FR
[72] DUPONT, JOELLE MARIE, FR
[72] ROBINEAU, MATHILDE MARIE CHARLOTTE, FR
[71] ETABLISSEMENTS J. SOUFFLET, FR
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[54] **MEDICAMENT ET COMPOSITION COSMETIQUE COMPRENANT DES DERIVES DE RESORCINOL**
[72] LE MAIRE, MARIELLE, FR
[72] MEYER, IMKE, DE
[72] VIELHABER, GABRIELE, FR
[72] SCHMAUS, GERHARD, DE
[71] SYMRISE AG, DE
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[54] **VAPORISATEUR D'UNE CIGARETTE ELECTRONIQUE ET PROCEDE DE FORMATION D'UN VAPORISATEUR**
[72] ROSTAMI, ALI A., US
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **ANTICORPS DE LIAISON AU RECEPTEUR DE L'INTERLEUKINE 4**
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[72] PAN, WUBIN, CA
[72] YANG, XIN, CN
[72] CHEN, YANG, CN
[72] ZHANG, LIMIN, CN
[72] JIANG, JIE, CN
[71] SUZHOU CONNECT BIOPHARMACEUTICALS, LTD., CN
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[54] **METHODS OF PRODUCING ASTAXANTHIN OR PRECURSORS THEREOF**
[54] **PROCEDES DE PRODUCTION D'ASTAXANTHINE OU DE PRECURSEURS CORRESPONDANTS**
[72] CASTANG, SANDRA, FR
[72] BAUCHART, PHILIPPE, FR
[72] KINDERMANS, ALICE, FR
[72] CHABOT, NICOLAS, FR
[72] LEONETTI, JEAN-PAUL, FR
[71] DEINOVE, FR
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[54] **BONDES A SOUPAPE POURVU D'ENCOCHES INCURVEES**
[72] SHEN, YANNING, CN
[72] MANN, JULIAN ADIN, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **PROCEDE PERMETTANT DE CREER DES ALIMENTS FUMES ET DES BOISSONS FUMEES**
[72] HALL, DOUGLAS B., US
[72] GIRGASH, JOSEPH M., US
[72] BEAUPRE, JAMES J., US
[71] BRAIN BREW VENTURES 3.0 LLC, US
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[54] **COMPOSITIONS VACCINALES A BASE DE CALR ET DE JAK2**
[72] ANDERSEN, MADS HALD, DK
[72] HOLMSTROM, MORTEN OREBO, DK
[72] HASSELBALCH, HANS, DK
[71] IO BIOTECH APS, DK
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[54] **COMPOSITION D'IMMUNOGLOBULINES HAUTEMENT CONCENTREES POUR APPLICATION PHARMACEUTIQUE**
[72] AHRER, KARIN, AT
[72] KAAR, WALTRAUD, AT
[72] ROESSL, ULRICH, AT
[71] OCTAPHARMA AG, CH
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[54] **BIOMARKER SIGNATURES OF SYSTEMIC LUPUS ERYTHEMATOSUS AND USES THEREOF**
[54] **SIGNATURES DE BIOMARQUEUR DU LUPUS ERYTHEMATEUX DISSEMINE ET LEURS UTILISATIONS**
[72] BORREBAECK, CARL, SE
[72] DELFANI, PAYAM, SE
[72] MELLBY, LINDA DEXLIN, SE
[72] WINGREN, CHRISTER, SE
[71] IMMUNOVIA AB, SE
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[54] **COMPOSITIONS FOR BIOLOGICAL SYSTEMS AND METHODS FOR PREPARING AND USING THE SAME**
[54] **COMPOSITIONS POUR SYSTEMES BIOLOGIQUES ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] JONES, CHRISTOPHER D., US
[72] QUINTANAR, NATHAN, US
[72] PATEL, ROSHAN, US
[71] SMART SURGICAL, INC., US
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[54] **PRODUCTION ELECTROLYTIQUE DE SOLUTIONS ORGANIQUES DE CHLORAMINE**
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[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
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[54] **SYSTEMES ET PROCEDES DE REGULATION DE TEMPERATURES DE PRODUITS PENDANT LA DISTRIBUTION**
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[72] WILKINSON, BRUCE W., US
[72] WINKLE, DAVID C., US
[72] HIGH, DONALD R., US
[72] MATTINGLY, TODD D., US
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[54] **MODULATEURS ALLOSTERIQUES POSITIFS DU RECEPTEUR MUSCARINIQUE DE L'ACETYLCHOLINE M4**
[72] LINDSLEY, CRAIG W., US
[72] CONN, P. JEFFREY, US
[72] ENGERS, DARREN W., US
[72] BOLLINGER, SEAN, US
[72] TARR, JAMES C., US
[72] SPEARING, PAUL, US
[72] ENGERS, JULIE L., US
[72] LONG, MADELINE, US
[72] BRIDGES, THOMAS M., US
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[54] **CONTENEUR POUR LE TRANSPORT DE LIQUIDES EN VRAC A L'AIDE DE REMORQUES FERMEES**
[72] SCUDDER, ERIK D., US
[71] INTERMODAL SCIENCES, LLC, US
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[54] **INSTRUMENTED TUBE FOR MEASURING FLOW FROM A WELLBORE BLOWOUT**
[54] **TUBE INSTRUMENTE POUR MESURER L'ECOULEMENT DEPUIS UN PUITS DE FORAGE**
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[72] CUTHBERT, ANDREW JOHN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DISPOSITIF DE REFROIDISSEMENT A TUBES ROTATIFS ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN DISPOSITIF DE REFROIDISSEMENT A TUBES ROTATIFS**
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[72] KIRCHNER, KARSTEN, DE
[71] ALLGAIER WERKE GMBH, DE
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[54] **BORONIC ACID DERIVATIVES AND THERAPEUTIC USES THEREOF**
[54] **DERIVES D'ACIDE BORONIQUE ET LEURS UTILISATIONS THERAPEUTIQUES**
[72] HECKER, SCOTT, US
[72] REDDY, RAJA K., US
[72] GLINKA, TOMASZ, US
[72] RODNY, OLGA, US
[71] QPEX BIOPHARMA, INC., US
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[54] **SYSTEME D'ARTICULATION, MODULE PREFABRIQUE ET PROCEDE DE FABRICATION D'UN MODULE PREFABRIQUE D'UN SYSTEME D'ARTICULATION**
[72] SCHMIDT, HEIKO, DE
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[54] **SYSTEME DE STOCKAGE DE DONNEES ET SON PROCEDE DE MISE EN OEUVRE**
[72] SABOURIN, GUY, CA
[71] INFORMATIQUE HOLISTEC INC., CA
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[54] **SOUPAPE DE COMMANDE DE DISPOSITIF DE SUSPENSION DE TUBAGE ACTIVEE PAR UN ORIFICE DE TEST**
[72] BOWEN, BILLY A., JR., US
[72] BOWEN, JASON LEE, US
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[72] HABERMEYER, PETER, DE
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[54] **PROCEDE ET APPAREIL DE PAIEMENT MOBILE**
[72] CHEN, CHENGQIAN, CN
[72] ZHOU, YU, CN
[72] GUO, WEI, CN
[71] CHINA UNIONPAY CO., LTD., CN
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[54] **METHODES ET COMPOSITIONS D'INHIBITION DU RECEPTEUR IMMUNITAIRE INHIBITEUR**
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[72] XIAO, HAN, US
[72] BERTOZZI, CAROLYN R., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **PROCEDE DE STABILISATION DE PROTEINES**
[72] KHAN, MOHSAM, GB
[72] PORTER, ALISON, GB
[71] LONZA LTD, CH
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[54] **COMPOSITION COMPRISING AT LEAST ONE ENZYME AND AT LEAST ONE MICROBICIDAL MOLECULE FOR THE PREVENTION OR TREATMENT OF POST-IMPLANTATION INFECTIONS**
[72] SIALA, M. WAFI, BE
[72] VANZIELEGHEM, M. THOMAS, BE
[71] ONELIFE S.A., BE
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[54] **PROCEDE DE FABRICATION DE PALE D'EOLIENNE**
[72] NIELSEN, LARS, DK
[71] LM WP PATENT HOLDING A/S, DK
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[25] EN
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[54] **DERIVE DE PYRIMIDINYLPIPERIDINE CONDENSEE, SON PROCEDE DE FABRICATION ET SON APPLICATION**
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[71] SHANGHAI ALLIST PHARMACEUTICAL AND MEDICAL TECHNOLOGY CORPORATIONS, CN
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[54] **BLOC CATHODIQUE PRESENTANT UNE GEOMETRIE A RAINURE**
[72] PFEFFER, MARKUS, DE
[72] PFEFFERER, FLORIAN, DE
[71] COBEX GMBH, DE
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[54] **INDEXATION DE PORTS POUR CSI-RS AVEC UN PLUS GRAND NOMBRE DE PORTS D'ANTENNE POUR EFD-MIMO**
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[72] CHEN, WANSHI, US
[72] GAAL, PETER, US
[72] CHEN, BO, US
[71] QUALCOMM INCORPORATED, US
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[54] **ENSEMBLE TOBOGGAN AQUATIQUE DU TYPE A CUVE**
[72] OZTURK, ALI SINAN, TR
[71] POLIN SU PARKLARI VE HAVUZ SISTEMLERI ANONIM SIRKETI, TR
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[54] **CONTACTEUR A MEMBRANE DE BIOMASSE**
[72] DOYEN, WILLY, BE
[72] MOLENBERGHS, BART, BE
[72] DE WEVER, HELENE, BE
[72] SOUFIANI AMIR, MAHBOUBI, SE
[72] TAHERZADEH, MOHAMMAD, SE
[71] VITO NV (VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK NV), BE
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[30] EP (16173481.9) 2016-06-08

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[54] **SUPPORT DE MEMBRANE FABRIQUE A PARTIR DE FEUILLES PREFORMEES**
[72] MOLENBERGHS, BART, BE
[72] DOTREMONT, CHRIS, BE
[71] VITO NV (VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK NV), BE
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[30] EP (16173494.2) 2016-06-08

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[54] **METHODS FOR TREATING ALZHEIMER'S DISEASE**
[54] **METHODES DE TRAITEMENT DE LA MALADIE D'ALZHEIMER**
[72] BOOT, BRENDON PHILLIP, US
[72] SEVIGNY, JEFFREY JOSEPH, CH
[72] WILLIAMS, LESLIE LUGENE, US
[71] BIOGEN INTERNATIONAL NEUROSCIENCE GMBH, CH
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[54] **PREPARATION D'ANTICORPS MONOCLONAUX MARQUES AU PB212**
[72] LARSEN, ROY HARTVIG, NO
[71] SCIENCONS AS, NO
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[54] **ISOLAT DE PROTEINE DE COLZA SUCRE ET PROCEDE D'OBTENTION DE L'ISOLAT DE PROTEINE DE COLZA SUCRE**
[72] SHI, JING, NL
[72] SMOLDERS, GERARDUS JOHANNES FRANCISCUS, NL
[71] DSM IP ASSETS B.V., NL
[85] 2018-12-05
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[25] EN
[54] **METHOD OF MAKING A HEATER OF AN ELECTRONIC VAPING DEVICE**
[54] **PROCEDE DE REALISATION D'UN DISPOSITIF DE CHAUFFAGE D'UN DISPOSITIF DE VAPOTAGE ELECTRONIQUE**
[72] ALVAREZ, DAVID, US
[72] DENDY, CHARLES, US
[72] MCELHINNEY, PATRICK, US
[72] TRAN, NAM, US
[72] TUCKER, CHRISTOPHER S., US
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **PYRROLOPYRIMIDINE CRYSTAL FOR PREPARING JAK INHIBITOR**
[54] **CRISTAL DE PYRROLOPYRIMIDINE POUR LA PREPARATION D'UN INHIBITEUR JAK**
[72] ZHOU, ZHOU, CN
[72] ZHANG, AIMING, CN
[72] ZHANG, XIQUAN, CN
[72] YAO, HUADONG, CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
[71] LIANYUNGANG RUNZHONG PHARMACEUTICAL CO., LTD., CN
[71] CENTAURUS BIOPHARMA CO., LTD., CN
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[51] **Int.Cl. A61M 15/06 (2006.01) A24F 47/00 (2006.01) A61M 11/04 (2006.01)**
[25] EN
[54] **VENTURI EFFECT-DRIVEN FORMULATION DELIVERY IN E-VAPING DEVICES**
[54] **DISTRIBUTION DE FORMULATION COMMANDEE PAR EFFET VENTURI DANS DES DISPOSITIFS DE VAPORISATION ELECTRONIQUE**
[72] HAWES, ERIC A., US
[72] LAU, RAYMOND, US
[72] ROSTAMI, ALI, US
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-12-05
[86] 2017-07-28 (PCT/EP2017/069246)
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[25] EN
[54] **FOOD GRADE NATIVE RAPESEED PROTEIN ISOLATE AND PROCESS FOR OBTAINING IT**
[54] **ISOLAT DE PROTEINES DE COLZA NATIVES DE QUALITE ALIMENTAIRE ET PROCEDE POUR L'OBTENIR**
[72] WILLEMSEN, JOHANNES HENDRIKUS MARIA, NL
[72] SMOLDERS, GERARDUS JOHANNES FRANCISCUS, NL
[72] ZAMOLO, RICHARD, NL
[71] DSM IP ASSETS B.V., NL
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[87] (WO2018/007491)
[30] EP (16178347.7) 2016-07-07
[30] EP (17166994.8) 2017-04-19

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[51] **Int.Cl. A61N 1/40 (2006.01) A61N 1/32 (2006.01)**
[25] EN
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[54] **DISPOSITIF DE TRAITEMENT DIATHERMIQUE**
[72] CALBET BENACH, JOSE, ES
[72] RAMI MURILLO, XAVIER, ES
[71] INDIBA, S.A., ES
[85] 2018-12-05
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[87] (WO2018/046784)
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[54] **SYSTEMES ET PROCEDES D'ANALYSE D'ACTIVITE CEREBRALE ET APPLICATIONS ASSOCIEES**
[72] INTRATOR, NATHAN, IL
[71] NEUROSTEER LTD., IL
[85] 2018-12-05
[86] 2017-06-07 (PCT/IB2017/000782)
[87] (WO2017/212333)
[30] US (62/346,626) 2016-06-07
[30] US (62/375,004) 2016-08-15

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[51] **Int.Cl. A24D 1/02 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING ARTICLE HAVING IMPROVED WRAPPER**
[54] **ARTICLE PRODUISANT UN AEROSOL COMPRENANT UN EMBALLAGE AMELIORE**
[72] LANG, GERHARD, CH
[72] MALGAT, ALEXANDRE, CH
[72] VUARNOZ-BIZE, ALINE, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[30] EP (16184601.9) 2016-08-17

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[54] **STAINLESS STEEL SHEET FOR FUEL CELL SEPARATORS, AND PRODUCTION METHOD THEREFOR**
[54] **TOLE D'ACIER INOXYDABLE POUR SEPARATEURS DE PILE A COMBUSTIBLE, ET SON PROCEDE DE PRODUCTION**
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[72] ISHIKAWA, SHIN, JP
[71] JFE STEEL CORPORATION, JP
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[54] **METHOD OF DESIGN AND MANUFACTURING CONCRETE STRUCTURES BASED ON THE VERIFICATION OF CONCRETE FATIGUE STRENGTH BY TEST**
[54] **PROCEDE DE CONCEPTION ET DE FABRICATION DE STRUCTURES EN BETON SUR LA BASE DE LA VERIFICATION DE LA RESISTANCE A LA FATIGUE DU BETON PAR TEST**
[72] MARTINEZ DE CASTANEDA, FRANCISCO JAVIER, ES
[72] LANCHA FERNANDEZ, JUAN CARLOS, ES
[72] CIDONCHA ESCOBAR, MANUEL, ES
[72] GOMEZ DEL PULGAR GONZALEZ, MARIA CELIA, ES
[71] PACADAR, SA, ES
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[54] **TASTE MASKING FORMULATION FOR BITTER NATURAL COMPOUNDS**
[54] **FORMULATION MASQUANT LE GOUT DE COMPOSES NATURELS AMERS**
[72] GOKARAJU, GANGA RAJU, IN
[72] GOKARAJU, RAMA RAJU, IN
[72] GOVADA, KISHORE BABU, IN
[72] ALLURI, VENKATA KRISHNA RAJU, IN
[72] VUTTI, NAGENDRA BABU, IN
[72] BHUPATHIRAJU, KIRAN, IN
[72] GOKARAJU, VENKATA KANAKA RANGA RAJU, IN
[72] GOLAKOTI, TRIMURTULU, IN
[71] LAILA NUTRACEUTICALS, IN
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[54] **TOLE D'ACIER INOXYDABLE POUR SEPARATEURS DE PILE A COMBUSTIBLE, ET SON PROCEDE DE PRODUCTION**
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[72] ISHIKAWA, SHIN, JP
[71] JFE STEEL CORPORATION, JP
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[25] EN
[54] **A METHOD OF PLUGGING AND ABANDONING A WELL**
[54] **PROCEDE D'OBTURATION ET D'ABANDON D'UN PUITS**
[72] MYHRE, MORTEN, NO
[72] LARSEN, ARNE GUNNAR, NO
[72] JENSEN, ROY INGE, NO
[72] ANDERSEN, PATRICK, NO
[72] OSTVOLD, ARNOLD, NO
[72] DAHL, ARNT OLAV, NO
[71] HYDRA SYSTEMS AS, NO
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[54] **METHOD FOR PERFORMING DELAMINATION OF A POLYMER FILM**
[54] **PROCEDE DE REALISATION DE DELAMINAGE DE FILM POLYMERE**
[72] HENDRIKS, ROB JACOB, NL
[72] SCHRODER, KURT A., US
[71] NCC NANO, LLC, US
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[54] **LIGHT-DIMMING LAMINATE AND DOUBLE GLASS**
[54] **STRATIFIE GRADATEUR DE LUMIERE ET VERRE DOUBLE**
[72] NAKAMURA, SHIGERU, JP
[72] HIRAMATSU, TETSUYA, JP
[71] AGC INC., JP
[71] AGC GLASS EUROPE, BE
[71] AGC FLAT GLASS NORTH AMERICA, INC., US
[71] AGC VIDROS DO BRASIL LTDA., BR
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[25] EN
[54] **DEVICE FOR MASSAGING MUSCLES IN AN ORAL CAVITY**
[54] **DISPOSITIF DE MASSAGE DES MUSCLES DANS UNE CAVITE BUCCALE**
[72] HENRIKSSON, HANS-JORGEN FRIEDRICH, SE
[72] SIMON, FRIEDRICH HEINRICH HILMAR, DE
[71] GOODSOMNIA AB, SE
[85] 2018-12-05
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[54] **NON-INVASIVE DIAGNOSTIC IMAGING AGENT FOR HEART DISEASE**
[54] **AGENT D'IMAGERIE DE DIAGNOSTIC NON INVASIF POUR MALADIE CARDIAQUE**
[72] MAYA, YOSHIFUMI, JP
[71] NIHON MEDI-PHYSICS CO., LTD., JP
[85] 2018-12-05
[86] 2017-06-09 (PCT/JP2017/021442)
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[25] EN
[54] **CURABLE RESIN COMPOSITION, FUEL CELL, AND SEALING METHOD**
[54] **COMPOSITION DE RESINE DURCISSABLE, PILE A COMBUSTIBLE, ET PROCEDE D'ETANCHEITE**
[72] SOGA, TETSUNORI, JP
[72] TAKEBE, HIROSHI, JP
[71] THREEBOND CO., LTD., JP
[85] 2018-12-05
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[54] **FORMULATION FOR USE IN THE TREATMENT OF UREMIC PRURITUS**
[54] **FORMULATION DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT DU PRURIT UREMIQUE**
[72] MENNE, TORKIL, DK
[72] SELMER, JOHAN, DK
[72] LANGE, JESPER, DK
[72] GEORGIOU, MICHELLE, GB
[72] WHEELER, DEREK, GB
[72] EVANS, DAVID, GB
[71] DRUG DELIVERY SOLUTIONS APS, DK
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[25] EN
[54] **MEDIUM CHAIN FATTY ACID ESTERS OF BETA-HYDROXYBUTYRATE AND BUTANEDIOL AND COMPOSITIONS AND METHODS FOR USING SAME**
[54] **ESTERS D'ACIDES GRAS A CHAINE MOYENNE DE BETA-HYDROXYBUTYRATE ET DE BUTANEDIOL, COMPOSITIONS ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] VERDIN, ERIC, US
[72] ULRICH, SCOTT, US
[72] NEWMAN, JOHN, US
[71] THE J. DAVID GLADSTONE INSTITUTES, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] ITHACA COLLEGE, US
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[54] **AUTOMATIC QUBIT CALIBRATION**
[54] **ETALONNAGE AUTOMATIQUE DE BITS QUANTIQUES**
[72] KELLY, JULIAN SHAW, US
[71] GOOGLE LLC, US
[85] 2018-12-05
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[25] EN
[54] **CURABLE RESIN COMPOSITION AND ADHESIVE FOR BONDING STRUCTURAL MATERIAL USING COMPOSITION**
[54] **COMPOSITION DE RESINE DURCISSABLE ET AGENT ADHESIF DE LIAISON DE MATERIAU STRUCTURAL UTILISANT LADITE COMPOSITION**
[72] IDE, MITSUNORI, JP
[72] OTA, KEISUKE, JP
[72] NAGAMATSU, TAMOTSU, JP
[71] ADEKA CORPORATION, JP
[85] 2018-12-05
[86] 2017-06-13 (PCT/JP2017/021755)
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[51] **Int.Cl. G05B 23/02 (2006.01)**
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[54] **AUTOMATIC VISUAL AND ACOUSTIC ANALYTICS FOR EVENT DETECTION**
[54] **ANALYSE VISUELLE ET ACOUSTIQUE AUTOMATIQUE POUR LA DETECTION D'EVENEMENTS**
[72] GURCIULLO, CHRISTOPHER S., US
[71] EXXONMOBILE RESEARCH AND ENGINEERING COMPANY, US
[85] 2018-12-05
[86] 2017-05-16 (PCT/US2017/032876)
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[54] **COMPOSITIONS COMPRISING TIMOLOL AND AN ANTI-INFLAMMATORY AGENT**
[54] **COMPOSITIONS COMPRENANT DU TIMOLOL ET UN AGENT ANTI-INFLAMMATOIRE**
[72] GODESSART MARINA, NURIA, ES
[72] TARRASON ENCUENTRA, GEMA, ES
[71] ALMIRALL, S.A., ES
[85] 2018-12-05
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[54] **PERSONALIZED CHATBOTS FOR INMATES**
[54] **AGENTS DE CONVERSATION PERSONNALISES POUR RESIDENTS D'ETABLISSEMENT**
[72] HODGE, STEPHEN L., US
[71] GLOBAL TEL*LINK CORPORATION, US
[85] 2018-12-05
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[25] EN
[54] **GLYCOSYLATED STEVIOL GLYCOSIDE COMPOSITIONS AND METHODS OF PREPARING GLYCOSYLATED STEVIOL GLYCOSIDE COMPOSITIONS**
[54] **COMPOSITIONS DE GLYCOSIDES DE STEVIOL GLYCOSYLES ET PROCEDES DE PREPARATION DE COMPOSITIONS DE GLYCOSIDES DE STEVIOL GLYCOSYLES**
[72] FLETCHER, JOSHUA, US
[72] WOODYER, RYAN, US
[72] GOLOLOBOV, MIKHAIL, US
[72] GROSS, RYAN, US
[72] SMYTHE, JOHN, US
[72] SIRAJ, SALMA, US
[72] CHEN, XIAN, US
[72] GADDY, JAMES, US
[71] TATE & LYLE INGREDIENTS AMERICAS LLC, US
[85] 2018-12-05
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[54] **MECANISME DE REGLAGE POUR TREUIL**
[72] BROWN, WILLIAM D., US
[71] C SERIES AIRCRAFT LIMITED PARTNERSHIP, CA
[85] 2018-12-05
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[25] EN
[54] **COSMETIC APPLICATOR HAVING MOLDED BRUSH AND COMB PORTIONS**
[54] **APPLICATEUR COSMETIQUE COMPORTANT DES PARTIES BROSSE ET PEIGNE MOULEES**
[72] JACOB, CHRISTOPHE, FR
[72] BOUIX, HERVE, US
[71] ELC MANAGEMENT LLC, US
[85] 2018-12-05
[86] 2017-06-05 (PCT/US2017/035935)
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[51] **Int.Cl. C08J 5/24 (2006.01) B29B 11/16 (2006.01) B29C 70/02 (2006.01)**
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[54] **INCISED PREPREG AND METHOD FOR PRODUCING INCISED PREPREG**
[54] **PRE-IMPREGNE ENTAILLE ET PROCEDE DE PRODUCTION DE PRE-IMPREGNE ENTAILLE**
[72] TSUDA, TERUMASA, JP
[72] ADACHI, KENTARO, JP
[72] FUJITA, YUZO, JP
[72] KARAKI, TAKUYA, JP
[71] TORAY INDUSTRIES, INC., JP
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[25] EN
[54] **PROCESS FOR OBTAINING A RAPESEED PROTEIN ISOLATE AND PROTEIN ISOLATE THEREBY OBTAINED**
[54] **PROCEDE POUR L'OBTENTION D'UN ISOLAT DE PROTEINE DE COLZA ET ISOLAT DE PROTEINE OBTENU PAR LEDIT PROCEDE**
[72] WILLEMSEN, JOHANNES HENDRIKUS MARIA, NL
[72] VERMUNT, JOHANNES HENDRIKUS ANTONIUS JEROEN, NL
[72] HYLKEMA, NIENKE NINA, NL
[72] SMOLDERS, GERARDUS JOHANNES FRANCISCUS, NL
[71] DSM IP ASSETS B.V., NL
[85] 2018-12-05
[86] 2017-07-06 (PCT/EP2017/066871)
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[30] EP (16178345.1) 2016-07-07
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[25] EN
[54] **COSMETIC APPLICATOR HAVING ONE MOLDED AND ONE NON-MOLDED BRUSH**
[54] **APPLICATEUR COSMETIQUE COMPRENANT UNE BROSSE MOULEE ET UNE BROSSE NON MOULEE**
[72] JACOB, CHRISTOPHE, FR
[72] BOUIX, HERVE, US
[71] ELC MANAGEMENT LLC, US
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[25] EN
[54] **INFORMATION SEARCH SYSTEM, INFORMATION SEARCH METHOD, AND INFORMATION SEARCH PROGRAM**
[54] **PROCEDE ET SYSTEME DE RECHERCHE D'INFORMATIONS, ET PROGRAMME DE RECHERCHE D'INFORMATIONS**
[72] NORO, NAOKI, JP
[72] TAKARA, YOHEI, JP
[72] ANDO, FUMINORI, JP
[72] FUJIMORI, TAKAHIRO, JP
[71] EBA JAPAN CO.,LTD., JP
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[54] **BINDER SYSTEM**
[54] **SYSTEME DE LIANT**
[72] ALBANI, BRYAN ALAN, US
[72] HERNANDEZ-TORRES, JESUS M., US
[72] MENDEZ-ANDINO, JOSE, US
[72] SCHWEIGER, SCOTT WILLIAM, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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[30] US (62/345,885) 2016-06-06

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[25] EN
[54] **SAFENED HERBICIDAL COMPOSITIONS CONTAINING HALAUXIFEN AND METHODS OF USE THEREOF IN BRASSICA SPECIES**
[54] **COMPOSITIONS HERBICIDES PHYTOPROTECTRICES CONTENANT DE L'HALAUXIFENE ET LEURS PROCEDES D'UTILISATION SUR DES ESPECES DE BRASSICA**
[72] DEGENHARDT, RORY, CA
[72] JURAS, LEN, CA
[72] SATCHIVI, NORBERT M., US
[72] BATH, SHELLEY, NZ
[72] HARRIS, BERNARD M., NZ
[72] MACRAE, ANDREW, CA
[72] GAST, ROGER E., US
[72] MANN, RICHARD K., US
[72] SMITH, LAURA, CA
[71] DOW AGROSCIENCES LCC, US
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[54] **SYSTEM AND METHOD FOR ENHANCED OIL RECOVERY**
[54] **SYSTEME ET PROCEDE POUR RECUPERATION AMELIOREE DE PETROLE**
[72] HAYS WHITSON, CURTIS, NO
[71] CHW AS, NO
[85] 2018-12-05
[86] 2016-12-07 (PCT/NO2016/050256)
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[30] NO (20161078) 2016-06-29

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[51] **Int.Cl. A61M 1/00 (2006.01) A61M 1/10 (2006.01)**
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[54] **BODY DRAINAGE APPARATUS**
[54] **APPAREIL DE DRAINAGE CORPOREL**
[72] CHARLEZ, MIKAEL, SE
[71] TINTRON AB, SE
[85] 2018-12-05
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[87] (WO2017/213578)
[30] SE (1650793-1) 2016-06-07

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[54] **ESTIMATION OF MOTION USING LIDAR**
[54] **ESTIMATION DU MOUVEMENT PAR LIDAR**
[72] BELSLEY, KENDALL, US
[72] SEBASTIAN, RICHARD, US
[71] DSCG SOLUTIONS, INC., US
[85] 2018-12-05
[86] 2017-06-06 (PCT/US2017/036152)
[87] (WO2017/214144)
[30] US (62/346,866) 2016-06-07
[30] US (15/613,974) 2017-06-05

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[25] EN
[54] **PHARMACEUTICAL FORMULATIONS OF NITRITE AND USES THEREOF**
[54] **FORMULATIONS PHARMACEUTIQUES DE NITRITE ET LEURS UTILISATIONS**
[72] SOIN, AMOL, US
[72] KEVIL, CHRISTOPHER, US
[72] CHAN, KYLE, US
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[54] **CELLULES T MODIFIEES PAR UN RECEPTEUR D'ANTIGENE CHIMERIQUE CIBLANT BAFF-R ET LEURS UTILISATIONS**
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[72] KWAK, LARRY W., US
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[54] **APPAREIL ET PROCEDE UTILISANT DES MESURES EFFECTUEES PENDANT LE FORAGE DE CIMENT POUR OBTENIR DES VALEURS ABSOLUES DE PROPRIETES MECANIQUES DE ROCHE LE LONG D'UN TROU DE FORAGE**
[72] LAKINGS, JAMES D., US
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[72] ULLA, JOSHUA D., US
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[54] **ISOLAT DE PROTEINE DE COLZA, ALIMENT COMPRENANT L'ISOLAT ET UTILISATION EN TANT QU'AGENT MOUSSANT OU EMULSIFIANT**
[72] WILLEMSEN, JOHANNES HENDRIKUS MARIA, NL
[72] VERMUNT, JOHANNES HENDRIKUS ANTONIUS JEROEN, NL
[72] HYLKEMA, NIENKE NINA, NL
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[72] KELLNER, WILLIAM, US
[72] KRAJDAS, JAY, US
[72] SHVETSOV, KYRYLO, US
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[54] **SYSTEMES, APPAREILS ET PROCEDES BIOINFORMATIQUES POUR EFFECTUER UN TRAITEMENT SECONDAIRE ET/OU TERTIAIRE**
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[72] MEHIO, RAMI, US
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[72] LETTKEMAN, DENNIS, US
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[54] **MATERIAUX DE REVETEMENT, ET VETEMENTS DE PROTECTION INDIVIDUELLE REVETUS DESDITS MATERIAUX DE REVETEMENT**
[72] LALGUDI, RAMANATHAN S., US
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[54] **SYSTEMES ET PROCEDES PERMETTANT LA CARACTERISATION AUTOMATISEE D'UNE PLAQUE AU NIVEAU CORONARIEN ET L'EVALUATION DU RISQUE A L'AIDE D'UNE TOMOGRAPHIE PAR COHERENCE OPTIQUE INTRAVASCULAIRE**
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[72] WERNER, DOUGLAS S., US
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[54] **CHARGEUR EXTERNE POUR DISPOSITIF MEDICAL IMPLANTABLE AYANT AU MOINS UNE BOBINE DE DETECTION CONCENTRIQUE A UNE BOBINE DE CHARGE POUR DETERMINER LA POSITION**
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[72] SORTOR, JAMES, US
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[72] VARDAR, MESVE, US
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[54] **PROCEDES ET DISPOSITIFS DE COMMUNICATION ELECTRONIQUE DE DISTRIBUTEUR DE CARBURANT**
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[71] WAYNE FUELING SYSTEMS LLC, US
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[54] **SIGNALISATION D'INFORMATIONS DE QUANTIFICATION EN CODAGE VIDEO PARTITIONNE AUTREMENT QU'EN ARBRE QUADRATIQUE SEULEMENT**
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[72] SEREGIN, VADIM, US
[72] KARCZEWICZ, MARTA, US
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[72] MATHER, BRIAN D., US
[72] LI, EDWIN, US
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[54] **DERIVES D'OESTRONE SUBSTITUES EN 15BETA EN TANT QU'INHIBITEURS SELECTIFSDE 17BETA-HYDROXYSTEROIDES DESHYDROGENASES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION**
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[72] PRCHALOVA, EVA, CZ
[72] ADAMSKI, JERZY, DE
[72] MOLLER, GABRIELE, DE
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[72] DZUBAK, PETR, CZ
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[71] UNIVERZITA PALACKEHO V OLOMOUCI, CZ
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[54] **VITRAGE FEUILLETE D'ECLAIRAGE A DISPOSITIF TACTILE CAPACITIF ET DIODE ELECTROLUMINESCENTE, ET PROCEDE DE FABRICATION**
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[72] DROSTE, STEFAN, DE
[72] BAUERLE, PASCAL, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **POLYMERSOMES A GRADIENT DE PH TRANSMEMBRANAIRE ET LEUR UTILISATION DANS LE PIEGEAGE DE L'AMMONIAC ET DE SES ANALOGUES METHYLES**
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[72] MATOORI, SIMON, CH
[72] SCHMIDT, AARON CHRISTOPH, CH
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[54] **METHOD FOR THE PROTECTION OF A HAFNIUM-FREE, NICKEL-BASED MONOCRYSTALLINE SUPERALLOY PART AGAINST CORROSION AND OXIDATION**
[54] **PROCEDE DE PROTECTION CONTRE LA CORROSION ET L'OXYDATION D'UNE PIECE EN SUPERALLIAGE MONOCRISTALLIN A BASE DE NICKEL EXEMPT D'HAFNIUM**
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[72] JAQUET, VIRGINIE, FR
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[54] **PROCEDE ET DISPOSITIF DE LOCALISATION DE L'ORIGINE D'UN DEFAUT AFFECTANT UN EMPILEMENT DE COUCHES MINCES DEPOSEES SUR UN SUBSTRAT**
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[72] FAUCILLON, YOHAN, FR
[72] MATHEY, GREGOIRE, FR
[72] KAUFFMANN, THIERRY, FR
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[54] **SYSTEME ET PROCEDE DE RECONNAISSANCE DE FORMES INTELLIGENTE DISTRIBUEE**
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[72] WENGROVITZ, MICHAEL S., US
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[54] **PROCEDE DE FABRICATION ADDITIVE D'IMPLANT PAR FRITTAGE SELECTIF PAR LASER ET IMPLANT**
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[72] REINAUER, FRANK, DE
[72] WOLFRAM, TOBIAS, DE
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[72] SMITH, WANDA J., US
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[72] LINNEN, JEFFREY M., US
[71] GEN-PROBE INCORPORATED, US
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[54] **UTILISATION D'UN EXTRAIT CELLULAIRE D'UNE OU PLUSIEURS MICRO-ALGUES DU GENRE AMPHIDINIUM POUR SON ACTIVITE FONGICIDE ET/OU BACTERICIDE SUR LES CHAMPIGNONS, LES OOMYCETES ET/OU BACTERIES PATHOGENES DES PLANTES ET SEMENCES DE CULTURE**
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[72] THOMAS, YANN, FR
[71] IMMUNRISE BIOCONTROL FRANCE, FR
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[54] **SCHEMAS POSOLOGIQUES DE LA VORTIOXETINE DESTINES A UNE APPARITION RAPIDE DE L'EFFET ANTIDEPRESSEUR**
[72] MORILLO, CONNIE SANCHEZ, DK
[72] SOBY, KARINA KROJER, DK
[72] BANG-ANDERSEN, BENNY, DK
[71] H. LUNDBECK A/S, DK
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[54] **ENSEMBLE CARTOUCHE**
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[72] OSMUS, JAMES, US
[72] LIN, SZ-CHIN STEVEN, US
[72] ANG, BENG KEONG, SG
[71] ILLUMINA, INC., US
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[54] **PROCEDE DE TRAITEMENT DE PURINS POUR OBTENIR UN PRODUIT A HAUT POUVOIR CALORIFIQUE**
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[54] **POLYESTER THERMOPLASTIQUE AMORPHE POUR LA FABRICATION DE FEUILLES THERMOFORMABLES**
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[72] SAINT-LOUP, RENE, FR
[71] ROQUETTE FRERES, FR
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[54] **POLYESTER THERMOPLASTIQUE AMORPHE POUR LA FABRICATION DE CORPS CREUX**
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[72] SAINT-LOUP, RENE, FR
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[54] **INTERCALAIRE PLASTIQUE VISCOELASTIQUE POUR UN AMORTISSEMENT VIBRO-ACOUSTIQUE ET VITRAGE COMPRENANT UN TEL INTERCALAIRE**
[72] GILLESSEN, STEPHAN, DE
[72] KREBS, BENJAMIN, DE
[72] VON DER WEIDEN, INGO, DE
[72] MERCIER, GERALD, FR
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[54] **CONVERTISSEUR VIDEO A ALIMENTATION ELECTRIQUE INTEGREE**
[72] TESSIER, JACQUES, CA
[72] DUSCHINSKY, GABRIEL, CA
[72] LIU, BING XIAO, CA
[72] PEPIN, JEAN-FRANCOIS, CA
[72] LENOIR, MAXENCE, CA
[72] TESSIER, ALEXANDRA D., CA
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[54] **SYSTEME ET PROCEDES DE DETECTION INTELLIGENTE D'INTRUSION A L'AIDE DE SIGNAUX SANS FIL ET D'INTELLIGENCE ARTIFICIELLE**
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[54] **MICROPARTICULES COMPRENANT UN COMPOSE CONTENANT DU SOUFRE**
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[71] NOVABIOTICS LIMITED, GB
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[54] **VITRAGE A COMMANDE TACTILE AVEC DISPOSITIF TACTILE CAPACITIF ET DIODE ELECTROLUMINESCENTE ET SA FABRICATION**
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[72] DROSTE, STEFAN, DE
[72] BAUERLE, PASCAL, FR
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[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE L'AIR**
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[72] SASSON, YOEL, IL
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[54] **RESEAU DE SURVEILLANCE THERMIQUE DE FLUIDE DE REACTEUR NUCLEAIRE**
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[72] LIU, HANYING, US
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[54] **DEMARREUR PNEUMATIQUE DE TURBINE POURVU D'UN DECOUPLEUR**
[72] RODRIGUEZ, ELIEL FRESCO, US
[72] DRANSCHAK, DAVID ALLAN, US
[72] MEYERS, SHILOH MONTEGOMERY EMERSON, US
[71] GE AVIATION SYSTEMS LLC, US
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[54] **SYSTEMES ET PROCEDES D'ALIMENTATION POUR UN APPAREIL D'INSPECTION DE PIPELINE**
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[72] FISENI, ALEXANDER FELIX, DE
[72] BOELD, CHRISTOPH, DE
[71] GENERAL ELECTRIC COMPANY, US
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[54] **MODULE DE VENTILATION POUR UNE TOUR D'AERO-REFRIGERATION INTEGRANT UNE ROUE LIBRE D'ASPIRATION D'AIR EXTERIEUR ET DE REFOULEMENT D'AIR**
[72] BOUTRY, FRANCOIS-XAVIER, FR
[71] BS GESTION CONSEIL, FR
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[54] **POMPE A CAVITE PROGRESSIVE ET PROCEDES DE FONCTIONNEMENT**
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[71] ACTIVATE ARTIFICIAL LIFT INC., CA
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[54] **PROCEDES DE GESTION DE LA VAPORISATION D'HERBICIDES**
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[71] AGQUAM LLC, US
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[54] **PROCEDE DE PRODUCTION D'UN DERIVE DE DIPHENYLMETHANE**
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[72] PARK, SE-HWAN, KR
[72] YOON, JI-SUNG, KR
[72] CHOI, SOONGYU, KR
[72] SEO, HEE JEONG, KR
[72] PARK, EUN-JUNG, KR
[72] KONG, YOUNGGYU, KR
[72] SONG, KWANG-SEOP, KR
[72] KIM, MIN JU, KR
[72] PARK, SO OK, KR
[71] DAEWOONG PHARMACEUTICAL CO., LTD., KR
[71] GREEN CROSS CORPORATION, KR
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[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES ET LEURS PROCEDES D'UTILISATION**
[72] OSTERTAG, ERIC, US
[72] SHEDLOCK, DEVON, US
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[71] NICOVENTURES HOLDINGS LIMITED, GB
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[54] **SYSTEMES ET PROCEDES DE FABRICATION DE POUDRES CERAMIQUES ET DE PRODUITS CERAMIQUES**
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[54] **PROCEDES ET COMPOSITIONS POUR LE DIAGNOSTIC ET LE TRAITEMENT DU CANCER DE LA PROSTATE**
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[72] WANG, WEI-LIN WINNIE, US
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[72] STARK, CRISTER, SE
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[54] **PROCEDE DE PRETRAITEMENT DE NETTOYAGE DE PIECES CONTENANT DU FER ASSEMBLEES PAR SOUDAGE**
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[54] **APPAREIL JETABLE ET DISPOSITIF AYANT UN APPAREIL REUTILISABLE NON STERILE POUR UNE APPLICATION STERILE D'UN LIQUIDE**
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[72] SCHUBERT, FRANK, DE
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[54] **DISPOSITIF ET PROCEDE D'IMAGERIE A CHAMP LUMINEUX D'ACQUISITION DE PROFONDEUR ET D'IMAGERIE TRIDIMENSIONNELLE**
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[54] **PROCEDE DE FABRICATION DE MEMBRANES POREUSES EN GRAPHENE ET MEMBRANES FABRIQUEES SELON CE PROCEDE**
[72] HEIGHT, MURRAY, AU
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[72] CHOI, KYOUNGJUN, CH
[71] ETH ZURICH, CH
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[54] **MATERIAUX ZEOLITIQUES ACTIVES PAR LE CUIVRE DE LA STRUCTURE DE CADRE CHA ISSUS D'UNE SYNTHESE SANS MODELE ORGANIQUE, ET LEUR UTILISATION EN REDUCTION CATALYTIQUE SELECTIVE DE NOX**
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[54] **METHODS AND SYSTEMS FOR QUANTUM READY AND QUANTUM ENABLED COMPUTATIONS**
[54] **PROCEDES ET SYSTEMES DE CALCULS QUANTIQUES**
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[72] ZARIBAFIYAN, ARMAN, CA
[71] 1QB INFORMATION TECHNOLOGIES INC., CA
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[54] **PROCEDE ET SYSTEME DE DETECTION ET DE CARACTERISATION PAR IRRADIATION TERAHERTZ**
[72] OZAKI, TSUNEYUKI, CA
[72] CHAI, XIN, CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
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[72] PEDRETTI, MAURO, CH
[71] PIBRIDGE LTD, CH
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[54] **TRACK-BUILDING CARRIAGE FOR RECEIVING AND/OR LAYING TRACK SECTIONS**
[54] **VEHICULE DE CONSTRUCTION DE VOIE FERREE DESTINE A RECEVOIR ET/OU A POSER DES SEGMENTS DE VOIE FERREE**
[72] STADLER, LOTHAR, AT
[72] LINTZ, GERARD, FR
[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H., AT
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[54] **A CYLINDER PISTON ROD AND METHOD OF FABRICATION THEREOF**
[54] **TIGE DE PISTON DE CYLINDRE ET SON PROCEDE DE FABRICATION**
[72] MAINVILLE, LUC, CA
[71] INDUSTRIES MAILHOT INC., CA
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[54] **AMORPHOUS COPOLYESTER-BASED MATERIAL IN A PHOTOVOLTAIC MODULE**
[54] **MATERIAU A BASE DE COPOLYESTER AMORPHE DANS UN MODULE PHOTOVOLTAIQUE**
[72] OSBORN, MELISSA, US
[72] ANDERSON, INGRID, US
[71] SOLICULTURE, INC., US
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[54] **METHOD FOR TIME DRIFT MEASUREMENT, SEISMIC NODE AND SEISMIC NODE HANDLING SYSTEM**
[54] **PROCEDE DE MESURE DE DERIVE TEMPORELLE, NUD SISMIQUE ET SYSTEME DE TRAI TEMENT DE NUD SISMIQUE**
[72] HOVLAND, VIDAR, NO
[72] SPARENGEN, TERJE, NO
[71] INAPRIL AS, NO
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[54] **TENSION-BASED MECHANICAL COUPLING DEVICE**
[54] **DISPOSITIF D'ACCOUPLEMENT MECANIQUE BASE SUR LA TENSION**
[72] ZAVODNICK, DANIEL S., US
[72] ZOVODNICK, ALAN, US
[72] COUGHLIN, MATTHEW PATRICK, US
[71] ZAVODNICK, DANIEL S., US
[71] ZOVODNICK, ALAN, US
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[54] **METHOD AND DEVICES FOR CONFIGURING ACCESS CONTROL DEVICES AT AN INSTALLATION SITE**
[54] **PROCEDE ET DISPOSITIFS DE CONFIGURATION DE DISPOSITIFS DE COMMANDE D'ACCES SUR UN SITE D'INSTALLATION**
[72] KUSTER, CHRISTIAN, CH
[72] ALESSI, PATRIK, CH
[71] DORMAKABA SWITZERLAND LTD, CH
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[54] **COPPER-PROMOTED GMELINITE AND USE THEREOF IN THE SELECTIVE CATALYTIC REDUCTION OF NOX**
[54] **GMELINITE A PROMOTEUR DE CUIVRE ET SON UTILISATION DANS LA REDUCTION CATALYTIQUE SELECTIVE DE NO X**
[72] MAURER, STEFAN, CN
[72] FEYEN, MATHIAS, DE
[72] MUELLER, ULRICH, DE
[72] DUMSER, STEFAN, DE
[72] OEZKIRIM, FARUK, DE
[72] TRUKHAN, NATALIA, DE
[72] MALTRY, MICHAELA, DE
[71] BASF CORPORATION, US
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[54] **MULTIPLE UNIT DOSAGE FORM COMPRISING A CORE WITH INDIVIDUAL CORE UNITS COVERED BY A MUCOADHESIVE MATERIAL, AND AN ENTERIC CORE COATING**
[54] **FORME GALENIQUE A UNITES MULTIPLES COMPRENANT UN NOYAU AVEC DES UNITES DE NOYAU INDIVIDUELLES RECOUVERTES D'UN MATERIAU MUCO-ADHESIF, ET UN ENROBAGE DE NOYAU ENTERIQUE**
[72] VARUM, FELIPE, CH
[72] BRAVO, ROBERTO, CH
[72] PREISIG, DANIEL, CH
[71] TILLOTTS PHARMA AG, CH
[85] 2018-12-06
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[54] **WHEEL END ASSEMBLY AND SPINDLE CONFIGURED THEREFOR**
[54] **ENSEMBLE D'EXTREMITE DE ROUE ET AXE CONFIGURE POUR CELUI-CI**
[72] GAGNON, PHILIPPE, US
[71] GAGNON FAMILY TRUST, US
[85] 2018-12-06
[86] 2017-06-09 (PCT/US2017/036757)
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[54] **SUBSTITUTED TRICYCLIC HERTEOCYCLIC COMPOUNDS AND USE THEREOF**
[54] **COMPOSES HETEROCYCLIQUES TRICYCLIQUES SUBSTITUES ET LEUR UTILISATION**
[72] XIA, YAN, CN
[72] MCIVER, EDWARD GILES, GB
[72] SONG, YANG, CN
[72] XU, YUANYUAN, CN
[72] ZHU, LIN, CN
[72] CHU, CHUNJUN, CN
[72] WU, LING, CN
[72] LIU, MIAO, CN
[72] BRYANS, JUSTIN STEPHEN, GB
[71] SUZHOU YABAO PHARMACEUTICAL R&D CO., LTD., CN
[71] LIFEARC, GB
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[54] **SYSTEME D'ARRET D'URGENCE A DISTANCE, ACTIONNE PAR CABLE**
[72] CROCKER, RYAN, US
[72] HALVORSEN, KEN, US
[71] HEXAGON TECHNOLOGY AS, NO
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[86] 2017-06-16 (PCT/US2017/037891)
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[54] **FLOW THROUGH WIRELINE TOOL CARRIER**
[54] **PORTE-OUTIL A CABLE METALLIQUE A ECOULEMENT TRAVERSANT**
[72] WISINGER, JOHN LESLIE, JR., US
[72] ZACHARKO, JONATHAN PETER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **AQUEOUS EXTRACTION PROCESS FOR OBTAINMENT OF MUCILAGE AND EMULSION SEPARATION**
[54] **PROCEDE D'EXTRACTION AQUEUSE POUR OBTENIR DES SUBSTANCES MUCILAGINEUSES ET INDUIRE UNE SEPARATION D'EMULSION**
[72] DIETZ, MAX, DE
[71] DREI LILIEN PVG GMBH & CO. KG, DE
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[54] **POINTS DE REPERE SPECIFIQUES A L'UTILISATEUR POUR SYSTEMES DE NAVIGATION**
[72] MOORE, CHRISTOPHER, US
[72] DUMONT, VINCENT, US
[72] COURTEMANCHE, MATHIEU, US
[72] WACHSMAN, CADY, US
[72] O'HARE, JOHN CHRISTOPHER, US
[71] UBER TECHNOLOGIES, INC., US
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[54] **COMPOUNDS, COMPOSITIONS AND METHODS FOR COLORING EDIBLE MATERIALS**
[54] **COMPOSES, COMPOSITIONS ET METHODES POUR LA COLORATION DE MATIERES COMESTIBLES**
[72] ZIEGLER, GREGORY RAY, US
[72] LAMBERT, JOSHUA DAVID, US
[72] SHEGOG, RACHEL MARIE, US
[72] CHATZAKIS, EMMANOUIL, US
[72] DABAS, DEEPTI, US
[71] THE PENN STATE RESEARCH FOUNDATION, US
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[51] **Int.Cl. A23G 1/56 (2006.01)**
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[54] **SHELF STABLE RTD COCOA MILK BEVERAGE WITH IMPROVED TEXTURE/MOUTHFEEL AND METHOD OF MAKING SAME**
[54] **BOISSON A BASE DE LAIT DE CACAO PAB DE LONGUE CONSERVATION A TEXTURE/SENSATION EN BOUCHE AMELIOREE ET SON PROCEDE DE FABRICATION**
[72] PRABHAKAR, VEENA, US
[72] YE, YUBIN, US
[72] ALDAPE FARIAS, GUADALUPE DEL CARMEN, US
[72] BAILEY, VALERIE JEAN, US
[72] VAGHELA, MADANSINH NATHUSINH, US
[72] ROUSSET, PHILIPPE, US
[72] SHER, ALEXANDER, US
[71] NESTEC S.A., CH
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[54] **IMPLANT WITH INDEPENDENT ENDPLATES**
[54] **IMPLANT A PLAQUES D'EXTREMITE INDEPENDANTES**
[72] JONES, CHRISTOPHER L., US
[72] HELMAR, IAN, US
[72] DIEHL, LUCAS, US
[72] TINLEY, JASON, US
[72] CHAPPUIS, KEVIN D., US
[71] HD LIFESCIENCES LLC, US
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[54] **ANTISENSE OLIGONUCLEOTIDES FOR MODULATING HTRA1 EXPRESSION**
[54] **OLIGONUCLEOTIDES ANTISENS POUR LA MODULATION DE L'EXPRESSION DE HTRA1**
[72] IACONE, ROBERTO, CH
[72] HAGEDORN, PETER, DK
[72] KAMMLER, SUSANNE, DK
[72] OTTOSEN, SOREN, DK
[72] TRAUSTASON, SINDRI, DK
[72] HUDLEBUSCH, HEIDI, DK
[72] PEDERSEN, LYKKE, DK
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[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVING COLOR IMAGING AND PRINT HEAD ALIGNMENT, COORDINATION, REGISTRATION AND/OR RE-REGISTRATION**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'AMELIORER L'IMAGERIE EN COULEURS ET LA COORDINATION, L'ENREGISTREMENT, LE REENREGISTREMENT ET/OU L'ALIGNEMENT DE TETES D'IMPRESSION**
[72] GUZZO, JOHN V., US
[71] VIRTUAL GRAPHICS, LLC, US
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[54] **1H-PYRAZOLO [4,3-B] PYRIDINES EN TANT QU'INHIBITEURS DE PDE1**
[72] KEHLER, JAN, DK
[72] JUHL, KARSTEN, DK
[72] MARIGO, MAURO, DK
[72] VITAL, PAULO JORGE VIEIRA, DK
[72] JESSING, MIKKEL, DK
[72] LANGGARD, MORTEN, DK
[72] RASMUSSEN, LARS KYHN, DK
[72] CLEMENTSON, CARL MARTIN SEBASTIAN, DK
[71] H. LUNDBECK A/S, DK
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[54] **IMPROVED ADOPTIVE T-CELL THERAPY**
[54] **THERAPIE ADOPTIVE AMELIOREE DES T-CELL**
[72] KLEIN, CHRISTIAN, CH
[72] SUSTMANN, CLAUDIO, DE
[72] NIEDERFELLNER, GERHARD, DE
[72] GEIGER, MARTINA, CH
[72] ENDRES, STEFAN, DE
[72] KOBOLD, SEBASTIAN, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[71] LUDWIG-MAXIMILIANS-UNIVERSITAT MUNCHEN, DE
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[30] EP (16177203.3) 2016-06-30

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[54] **LIGHTS INTEGRATED COOLING SYSTEM FOR INDOOR GROWING ENVIRONMENT**
[54] **SYSTEME DE REFROIDISSEMENT INTEGRE DE LAMPES DESTINE A DES ENVIRONNEMENTS DE CULTURE INTERIEURS**
[72] SMITH, DAMON HENRY, US
[72] GRAUBERGER, KEVIN, US
[71] BRIGHT AGROTECH, INC., US
[85] 2018-12-06
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[30] US (62/363,538) 2016-07-18

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[25] EN
[54] **GLYCOPROTEIN WITH REDUCED ACETYLATION RATE OF SIALIC ACID RESIDUES**
[54] **GLYCOPROTEINE A TAUX D'ACETYLATION REDUIT DE RESIDUS D'ACIDE SIALIQUE**
[72] KRONTHALER, ULRICH, DE
[72] TORELLA, CLAUDIA, DE
[71] HEXAL AG, DE
[85] 2018-12-06
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[54] **CRUDE STEROL AS AN ADDITIVE IN ASPHALT BINDER**
[54] **STEROL BRUT UTILISE COMME ADDITIF DANS UN LIANT D'ASPHALTE**
[72] REINKE, GERALD H., US
[72] BAUMGARDNER, GAYLON L., US
[72] HANZ, ANDREW, US
[71] A.L.M. HOLDING COMPANY, US
[71] ERGON ASPHALT & EMULSIONS, INC., US
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[30] US (PCT/US2016/037077) 2016-06-10
[30] US (62/385,905) 2016-09-09
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[54] **ORGANIC PEROXIDE DISPERSIONS**
[54] **DISPERSIONS DE PEROXYDE ORGANIQUE**
[72] KOZEL, THOMAS H., US
[72] RACHWAL, LISA B., US
[71] ARKEMA INC., US
[85] 2018-12-06
[86] 2017-06-06 (PCT/US2017/036112)
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[51] **Int.Cl. C09K 5/14 (2006.01) C04B 28/14 (2006.01)**
[25] EN
[54] **PHASE-CHANGE MATERIAL FOR STORING THERMAL ENERGY, MANUFACTURING METHOD AND USES OF SUCH A MATERIAL**
[54] **MATERIAU A CHANGEMENT DE PHASE POUR LE STOCKAGE D'ENERGIE THERMIQUE, PROCEDE DE FABRICATION ET APPLICATIONS D'UN TEL MATERIAU**
[72] HARLE, THIBAULT, FR
[72] LEDESERT, BEATRICE, FR
[72] NGUYEN, TRAN MINH GIAO, FR
[72] HEBERT, RONAN, FR
[72] MELINGE, YANNICK, FR
[71] UNIVERSITE CERGY-PONTOISE, FR
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[51] **Int.Cl. H04B 7/26 (2006.01) H04W 52/54 (2009.01)**
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[54] **DYNAMIC VIRTUAL BEACON METHODS AND APPARATUS**
[54] **PROCEDES ET APPAREIL DE BALISE VIRTUELLE DYNAMIQUE**
[72] FRIDAY, ROBERT, US
[72] CASTAGNOLI, NEAL DANTE, US
[72] FREI, RANDALL WAYNE, US
[71] MIST SYSTEMS, INC., US
[85] 2018-12-06
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[30] US (15/175,020) 2016-06-06

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[54] **A PRODUCT COMPRISING GLUCOSAMINE FOR EXTERNAL APPLICATION**
[54] **PRODUIT COMPRENANT DE LA GLUCOSAMINE POUR APPLICATION EXTERNE**
[72] SCHWARTZ, DAVID, US
[71] VITAL MEDICINE, LLC, US
[71] SCHWARTZ, DAVID, US
[71] WEISMAN, STEVEN, US
[85] 2018-12-06
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[25] EN
[54] **INTEGRATING POINT SOURCE FOR TEXTURE PROJECTING BULB**
[54] **SOURCE PONCTUELLE D'INTEGRATION POUR AMPOULE DE PROJECTION DE TEXTURE**
[72] KAEHLER, ADRIAN, US
[72] BRADSKI, GARY, US
[71] MAGIC LEAP, INC., US
[85] 2018-12-06
[86] 2017-04-17 (PCT/US2017/027984)
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[30] US (62/348,634) 2016-06-10

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[51] **Int.Cl. A61K 31/713 (2006.01) A61K 31/715 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **IMPROVED METHODS FOR DETECTING AND MODULATING THE EMBRYONIC-FETAL TRANSITION IN MAMMALIAN SPECIES**
[54] **PROCEDES AMELIORES DE DETECTION ET DE MODULATION DE LA TRANSITION EMBRYONNAIRE-F□TALE CHEZ DES ESPECES DE MAMMIFERES**
[72] WEST, MICHAEL D., US
[72] LAROCCA, DANA, US
[71] BIOTIME, INC., US
[85] 2018-12-06
[86] 2017-06-07 (PCT/US2017/036452)
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[30] US (62/347,075) 2016-06-07
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[25] EN
[54] **THERAPEUTIC USES OF A C-RAF INHIBITOR**
[54] **UTILISATIONS THERAPEUTIQUES D'UN INHIBITEUR DE C-RAF**
[72] CAPONIGRO, GIORDANO, US
[72] COOKE, VESSELINA, US
[72] MAIS, ANNA HELENA, CH
[72] NAUWELAERTS, HEIDI, CH
[71] NOVARTIS AG, CH
[85] 2018-12-06
[86] 2017-06-08 (PCT/IB2017/053405)
[87] (WO2017/212442)
[30] US (62/348,720) 2016-06-10

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[25] EN
[54] **ORGANIC SEMICONDUCTOR PHOTOVOLTAIC DEVICES AND COMPOSITIONS WITH ACCEPTOR-DONOR-ACCEPTOR TYPE POLYMER ELECTRON DONORS**
[54] **DISPOSITIFS PHOTOVOLTAIQUES A SEMI-CONDUCTEURS ORGANIQUES ET COMPOSITIONS CONTENANT DES DONNEURS D'ELECTRONS POLYMERES DE TYPE ACCEPTEUR-DONNEUR-ACCEPTEUR**
[72] HAMMOND, SCOTT R., US
[72] LARSEN, ROSS, US
[72] OLSON, DANA CROSBY, US
[72] OWCZARCZYK, ZBYSLAW, US
[71] SOLARWINDOW TECHNOLOGIES, INC, US
[71] ALLIANCE FOR SUSTAINABLE ENERGY, LLC, US
[85] 2018-12-06
[86] 2017-06-09 (PCT/US2017/036714)
[87] (WO2017/214486)
[30] US (15/178,384) 2016-06-09

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[25] EN
[54] **BICONICAL MULTIPHASE ROTARY FILTER**
[54] **FILTRE ROTATIF BICONIQUE A PHASES MULTIPLES**
[72] MCCUTCHEN, DAVID J., US
[71] MCCUTCHEN, DAVID J., US
[85] 2018-12-06
[86] 2017-06-05 (PCT/US2017/035918)
[87] (WO2017/214020)
[30] US (62/392,657) 2016-06-06

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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 37/06 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **TREATMENT OF IGG4-RELATED DISEASES WITH ANTI-CD19 ANTIBODIES CROSSBINDING TO CD32B**
[54] **TRAITEMENT DES MALADIES ASSOCIEES AUX IGG4 PAR DES ANTICORPS ANTI-CD19 SE RETICULANT A CD32B**
[72] FOSTER, PAUL, US
[72] ZACK, DEBRA, US
[72] STONE, JOHN H., US
[72] PILLAI, SHIV, US
[71] FOSTER, PAUL, US
[71] ZACK, DEBRA, US
[71] STONE, JOHN H., US
[71] PILLAI, SHIV, US
[71] XENCOR, INC., US
[85] 2018-12-06
[86] 2017-06-08 (PCT/US2017/036635)
[87] (WO2017/214452)
[30] US (62/347,419) 2016-06-08
[30] US (62/399,896) 2016-09-26
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[51] **Int.Cl. H04W 74/08 (2009.01)**
[25] EN
[54] **LISTEN BEFORE TALK PROCEDURE IN A WIRELESS DEVICE AND WIRELESS NETWORK**
[54] **PROCEDE D'ECOUTE AVANT TRANSMISSION DANS UN DISPOSITIF SANS FIL ET RESEAU SANS FIL**
[72] DINAN, ESMAEL, US
[71] OFINNO TECHNOLOGIES, LLC, US
[85] 2018-12-06
[86] 2017-06-12 (PCT/US2017/037026)
[87] (WO2017/214621)
[30] US (62/348,869) 2016-06-11

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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0488 (2006.01)**
[25] EN
[54] **DEVICE AND SYSTEM FOR MONITORING AND TREATING MUSCLE TENSION-RELATED MEDICAL CONDITIONS**
[54] **DISPOSITIF ET SYSTEME DE SURVEILLANCE ET DE TRAITEMENT D'ETATS MEDICAUX LIES A LA TENSION MUSCULAIRE**
[72] LEE, ERIC, US
[72] BRATZLER, ROBERT L., US
[72] LILLYDAHL, ERIK, US
[72] KIRELL, ADAM, US
[71] BIOTRAK HEALTH, INC., US
[85] 2018-12-06
[86] 2017-06-12 (PCT/US2017/037054)
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[30] US (62/348,735) 2016-06-10

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[51] **Int.Cl. C07D 491/20 (2006.01) A61K 31/407 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **SOLID STATE FORMS OF SPIRO-OXINDOLE COMPOUNDS**
[54] **FORMES A L'ETAT SOLIDE DE COMPOSES DE TYPE SPIRO-OXINDOLE**
[72] BEN-DAVID, RONEN, CH
[72] BIERLMAIER, STEPHEN, CH
[72] HALTIWANGER, RALPH CURIS, CH
[72] JEGOROV, ALEXANDR, CH
[72] WU, RAEANN RUIYUN, CH
[72] YAZDANIAN, MEHRAN, CH
[71] XENON PHARMACEUTICALS INC., CA
[85] 2018-12-06
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[51] **Int.Cl. B01J 8/02 (2006.01) B01J 8/08 (2006.01) B01J 8/12 (2006.01)**
[25] FR
[54] **MULTITUBULAR RADIAL CATALYTIC REACTOR**
[54] **REACTEUR CATALYTIQUE RADIAL MULTITUBULAIRE**
[72] DELEAU, FABRICE, FR
[72] BAZER-BACHI, FREDERIC, FR
[71] IFP ENERGIES NOUVELLES, FR
[85] 2018-12-06
[86] 2017-04-24 (PCT/EP2017/059673)
[87] (WO2017/211498)
[30] FR (1655251) 2016-06-08

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[13] A1
[51] **Int.Cl. A61L 9/12 (2006.01)**
[25] EN
[54] **DEVICE FOR DIFFUSING VOLATILE SUBSTANCES**
[54] **DISPOSITIF POUR LA DIFFUSION DE SUBSTANCES VOLATILES**
[72] CABALLERO TAPIA, MOISES, ES
[72] MASO SABATE, JORDI, ES
[72] LLORENTE ALONSO, JOAQUIM, ES
[71] ZOBELE HOLDING S.P.A., IT
[85] 2018-12-06
[86] 2017-06-07 (PCT/EP2017/063801)
[87] (WO2017/211877)
[30] ES (P201630769) 2016-06-08

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[51] **Int.Cl. C07D 213/34 (2006.01) A61K 51/04 (2006.01)**
[25] EN
[54] **IMPROVED SYNTHESIS OF THE RADIOLABELED PROSTATE-SPECIFIC MEMBRANE ANTIGEN (PSMA) INHIBITOR [18F]DCFPYL**
[54] **SYNTHESE AMELIOREE DE L'INHIBITEUR D'ANTIGENE MEMBRANAIRE SPECIFIQUE DE LA PROSTATE (PSMA) RADIOMARQUE [18F]DCFPYL**
[72] RAVERT, HAYDEN T., US
[72] HOLT, DANIEL P., US
[72] CHEN, YING, US
[72] MEASE, RONNIE C., US
[72] FAN, HONG, US
[72] POMPER, MARTIN G., US
[72] DANNALS, ROBERT F., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2018-12-06
[86] 2017-06-09 (PCT/US2017/036681)
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[30] US (62/348,391) 2016-06-10

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[13] A1
[51] **Int.Cl. A47C 1/024 (2006.01) A47C 7/50 (2006.01)**
[25] EN
[54] **FURNITURE MEMBER WITH WALL-PROXIMITY MECHANISM**
[54] **ELEMENT DE MOBILIER A MECANISME DE PROXIMITE DE PAROI**
[72] LAPOINTE, LARRY P., US
[72] MARSHALL, RICHARD E., US
[71] LA-Z-BOY INCORPORATED, US
[85] 2018-12-06
[86] 2017-06-05 (PCT/US2017/035976)
[87] (WO2017/214043)
[30] US (15/174,060) 2016-06-06

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[13] A1
[51] **Int.Cl. B66F 9/24 (2006.01) B66F 17/00 (2006.01)**
[25] EN
[54] **ELECTRONIC BADGE TO AUTHENTICATE AND TRACK INDUSTRIAL VEHICLE OPERATOR**
[54] **BADGE ELECTRONIQUE D'AUTHENTIFICATION ET DE SUIVI D'UN UTILISATEUR DE VEHICULE INDUSTRIEL**
[72] SIMON, ANDREAS, US
[72] MANCI, LEWIS H., US
[72] BUCHMANN, JUERGEN, US
[72] SICK, SEBASTIAN, US
[71] CROWN EQUIPMENT CORPORATION, US
[85] 2018-12-06
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[30] US (62/354,304) 2016-06-24

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[51] **Int.Cl. C07K 19/00 (2006.01) A61K 35/768 (2015.01) A61K 35/76 (2015.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **ENVELOPED VIRUS RESISTANT TO COMPLEMENT INACTIVATION FOR THE TREATMENT OF CANCER**
[54] **VIRUS ENVELOPPE RESISTANT A L'INACTIVATION DU COMPLEMENT POUR LE TRAITEMENT DU CANCER**
[72] LUO, TIANCI, US
[72] MOLINA, RENE, US
[72] CASTILLE, GABRIEL, US
[71] WELLSTAT IMMUNOTHERAPEUTICS, LLC, US
[85] 2018-12-06
[86] 2018-05-10 (PCT/US2018/032018)
[87] (WO2018/209052)
[30] US (62/504,120) 2017-05-10

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[51] **Int.Cl. G02B 5/20 (2006.01)**
[25] EN
[54] **OPTICAL FILTER AND METHOD OF MANUFACTURING AN OPTICAL FILTER**
[54] **FILTRE OPTIQUE ET PROCEDE DE FABRICATION D'UN FILTRE OPTIQUE**
[72] KORUGA, DJURO, RS
[71] FIELDPOINT (CYPRUS) LTD., CY
[85] 2018-12-06
[86] 2016-06-09 (PCT/EP2016/063174)
[87] (WO2017/211420)

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[51] **Int.Cl. G06Q 10/06 (2012.01)**
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[54] **PERFORMANCE MODEL ADVERSE IMPACT CORRECTION**
[54] **CORRECTION D'IMPACT INDESIRABLE DE MODELE DE PERFORMANCE**
[72] LARSEN, LOREN, US
[72] TAYLOR, BENJAMIN, US
[71] HIREVUE, INC., US
[85] 2018-12-06
[86] 2017-04-11 (PCT/US2017/026984)
[87] (WO2017/180608)
[30] US (62/321,585) 2016-04-12
[30] US (15/277,769) 2016-09-27

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[13] A1
[51] **Int.Cl. B01F 3/04 (2006.01) B03D 1/02 (2006.01) B03D 1/08 (2006.01) B03D 1/24 (2006.01) C02F 1/24 (2006.01) C02F 1/58 (2006.01) C02F 1/74 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SEPARATION OF A SUBSTANCE FROM GROUNDWATER**
[54] **PROCEDE ET APPAREIL POUR LA SEPARATION D'UNE SUBSTANCE DE L'EAU SOUTERRAINE**
[72] PHILLIPS, STEVEN EDWARD, AU
[72] BRICKLE, GREGORY RAYMOND, AU
[72] BURNS, DAVID JOHN, AU
[71] OPEC REMEDIATION TECHNOLOGIES PTY LIMITED, AU
[85] 2018-12-07
[86] 2017-06-11 (PCT/AU2017/050581)
[87] (WO2017/210752)
[30] AU (2016902280) 2016-06-10

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[51] **Int.Cl. B29C 67/04 (2017.01) A61F 2/30 (2006.01) A61L 27/00 (2006.01) B29C 43/00 (2006.01) B29C 67/00 (2017.01)**
[25] EN
[54] **GRANULATE PRODUCTION WITH ROUNDED PARTICLES FOR MANUFACTURING IMPLANTS OR TOOL MANUFACTURING**
[54] **REALISATION DE GRANULES A PARTICULES ARRONDIES POUR LA FABRICATION D'IMPLANT OU LA FABRICATION D'OUTIL**
[72] AKSU, ADEM, DE
[72] REINAUER, FRANK, DE
[72] WOLFRAM, TOBIAS, DE
[71] KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG, DE
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[30] DE (10 2016 110 501.5) 2016-06-07

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[51] **Int.Cl. G01N 1/22 (2006.01) G01N 15/02 (2006.01) G01N 15/06 (2006.01) G01N 21/47 (2006.01)**
[25] EN
[54] **PARTICULATE MATTER MEASURING APPARATUS**
[54] **APPAREIL DE MESURE DE MATIERE PARTICULAIRE**
[72] VELGE, FRANCOIS, AU
[72] KNOTT, PETER, AU
[71] PINSSAR HOLDINGS PTY LTD, AU
[85] 2018-12-07
[86] 2017-06-14 (PCT/AU2017/050595)
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[30] AU (2016902308) 2016-06-14

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[51] **Int.Cl. C08J 5/18 (2006.01) B32B 27/08 (2006.01) B32B 27/32 (2006.01)**
[25] EN
[54] **COVER FILM**
[54] **FILM DE LIAGE PERIPHERIQUE**
[72] PIAZZI, JURGEN, DE
[72] EUBELER, JAN PHILIP, DE
[72] STEFFEN, THOMAS, DE
[72] KUHLMANN, BENJAMIN, DE
[71] RKW AGRI GMBH & CO. KG, DE
[85] 2018-12-07
[86] 2017-05-31 (PCT/EP2017/063092)
[87] (WO2017/211632)
[30] DE (10 2016 110 570.8) 2016-06-08

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[51] **Int.Cl. G01C 11/06 (2006.01) G06T 7/55 (2017.01) G02B 13/06 (2006.01) H04N 5/232 (2006.01)**
[25] FR
[54] **EQUIPEMENT OPTRONIQUE DE VISION POUR UN VEHICULE TERRESTRE**
[54] **OPTRONIC VIEWING DEVICE FOR A LAND VEHICLE**
[72] JEROT, PASCAL, FR
[72] BON, DOMINIQUE, FR
[72] PERRUCHOT, LUDOVIC, FR
[71] THALES, FR
[85] 2018-12-07
[86] 2017-06-01 (PCT/EP2017/063283)
[87] (WO2017/211672)
[30] FR (1600910) 2016-06-07

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[13] A1
[51] **Int.Cl. A61K 51/04 (2006.01) A61K 51/10 (2006.01) A61P 35/00 (2006.01) C07D 213/81 (2006.01)**
[25] EN
[54] **RADIO-PHARMACEUTICAL COMPLEXES**
[54] **COMPLEXES RADIOPHARMACEUTIQUES**
[72] CUTHBERTSON, ALAN, NO
[72] TRAUTWEIN, MARK, US
[72] WEBER, ERNST, DE
[72] KARLSSON, JENNY, NO
[72] HAMMER, STEFANIE, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[71] BAYER AS, NO
[85] 2018-12-07
[86] 2017-06-06 (PCT/EP2017/063689)
[87] (WO2017/211809)
[30] EP (16173874.5) 2016-06-10

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[13] A1
[51] **Int.Cl. H02P 25/03 (2016.01) H02P 29/024 (2016.01) F02N 11/08 (2006.01)**
[25] FR
[54] **DEMARREUR GENERATEUR SANS BALAIS**
[54] **BRUSHLESS STARTER GENERATOR**
[72] TUNZINI, MARC, FR
[72] LE GUERROUE, ERIC, FR
[72] BEDJAI, STANISLAS, FR
[71] THALES, FR
[85] 2018-12-07
[86] 2017-06-06 (PCT/EP2017/063726)
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[30] FR (1600909) 2016-06-07

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[13] A1
[51] **Int.Cl. F16H 7/08 (2006.01) F02B 67/06 (2006.01)**
[25] EN
[54] **ROTARY TENSIONER**
[54] **TENDEUR ROTATIF**
[72] LEUCHT, VOLKER, DE
[72] MARTINEZ, ARNAUD, DE
[72] DILTHEY, JOCHEN, DE
[71] GATES CORPORATION, US
[85] 2018-12-06
[86] 2017-06-19 (PCT/US2017/038080)
[87] (WO2018/009331)
[30] US (15/203,389) 2016-07-06

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[13] A1
[51] **Int.Cl. C07D 411/14 (2006.01) A61K 31/397 (2006.01) A61K 31/454 (2006.01) A61K 31/501 (2006.01) A61K 31/506 (2006.01) A61P 3/10 (2006.01) C07D 411/12 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **COMPOUNDS CONTAINING BENZO[D][1,3]OXATHIOLE, BENZO[D][1,3]OXATHIOLE 3-OXIDE OR BENZO[D][1,3]OXATHIOLE 3,3-DIOXIDE AND METHODS/USES THEREOF AS AGONISTS OF G PROTEIN-COUPLED RECEPTOR 119**
[54] **COMPOSES CONTENANT BENZO[D][1,3]OXATHIOLE, BENZO[D][1,3]OXATHIOLE 3-OXYDE OU BENZO[D][1,3]OXATHIOLE 3,3-DIOXYDE, ET LEURS PROCEDES/UTILISATIONS COMME AGONISTES DU RECEPTEUR 119 COUPLE A LA PROTEINE G**
[72] MANSOUR, TAREK SUHAYL, US
[72] CHAFEEV, MIKHAIL, RU
[72] YUDIN, MIKHAIL, RU
[72] GEZENTSVEY, YURY, RU
[72] NIKITIN, ALEKSANDR, RU
[71] PRAMANA PHARMACEUTICALS INC., CA
[85] 2018-12-06
[86] 2017-06-08 (PCT/CA2017/050703)
[87] (WO2017/210794)
[30] US (62/348,120) 2016-06-09
[30] US (62/348,122) 2016-06-09

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/107 (2006.01) A61K 31/165 (2006.01) A61K 31/277 (2006.01) A61K 31/7048 (2006.01) A61P 33/00 (2006.01) A61P 33/10 (2006.01)**
[25] FR
[54] **SELF-EMULSIFYING LIPID COMPOSITIONS**
[54] **COMPOSITIONS LIPIDIQUES AUTO-EMULSIONNABLES**
[72] DERRIEU, GUY, FR
[72] MAZZOLA, DISMA GIOVANNI, IT
[72] MAZZOLA, GIANCARLO, CH
[71] FRIULCHEM, IT
[85] 2018-12-07
[86] 2017-06-07 (PCT/EP2017/063871)
[87] (WO2017/211909)
[30] FR (1600945) 2016-06-10

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[13] A1
[51] **Int.Cl. A61K 31/33 (2006.01) A61K 31/335 (2006.01) A61K 36/55 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR PROTECTING ORGANS FROM ISCHEMIA/REPERFUSION INJURY ASSOCIATED WITH TRANSPLANTATION**
[54] **COMPOSITIONS ET METHODES DESTINEES A PROTEGER LES ORGANES CONTRE LES LESIONS D'ISCHEMIE/REPERFUSION ASSOCIEES A UNE GREFFE**
[72] CHRISTOFIDOU-SOLOMIDOU, MELPO, US
[72] CANTU, EDWARD, US
[71] UNIVERSITY OF PENNSYLVANIA, US
[85] 2018-12-06
[86] 2017-06-05 (PCT/US2017/035960)
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[30] US (62/347,038) 2016-06-07

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[13] A1
[51] **Int.Cl. G06T 11/00 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR AUTOMATED SINOGRAM COMPLETION, COMBINATION, AND COMPLETION BY COMBINATION**
[54] **SYSTEMES ET PROCEDES D'ETABLISSEMENT, DE COMBINAISON ET D'ETABLISSEMENT PAR COMBINAISON AUTOMATISES DE SINOGRAMMES**
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[72] FRENKEL, MICHAEL, US
[72] KATSEVICH, ALEXANDER, US
[71] PERKINELMER HEALTH SCIENCES, INC., US
[71] ITOMOGRAPHY CORP., US
[71] UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC., US
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[54] **SUIVI INDIRECT DE BADGE ELECTRONIQUE**
[72] MANCI, LEWIS H., US
[72] BUCHMANN, JUERGEN, US
[72] SIMON, ANDREAS, US
[72] SICK, SEBASTIAN, US
[71] CROWN EQUIPMENT CORPORATION, US
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[54] **UTILISATION DE BADGES ELECTRONIQUES DANS DES MANOEUVRES DE PASSAGE DANS UNE TRAVEE**
[72] BUCHMANN, JUERGEN, US
[72] MANCI, LEWIS H., US
[72] SIMON, ANDREAS, US
[72] SICK, SEBASTIAN, US
[71] CROWN EQUIPMENT CORPORATION, US
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[72] MANCI, LEWIS H., US
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[72] SIMON, ANDREAS, US
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[54] **PERFECTIONNEMENTS APPORTES A DES MULTIPLICATEURS D'ELECTRONS**
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[72] HUNTER, KEVIN, AU
[71] ETP ION DETECT PTY LTD, AU
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[54] **PROCEDE ASSISTE PAR ORDINATEUR ET SYSTEME INFORMATIQUE POUR ENSEIGNER LE PIANO**
[72] YUEN, WAI YUK ANNIE, CN
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[54] **PROCEDE ET DISPOSITIF D'ESTIMATION DE LA TENSION D'UNE BATTERIE**
[72] SCHWEIGER, BENNO, DE
[72] FLECKENSTEIN, MATTHIAS, DE
[72] KNOBBE, EDWIN, DE
[72] FARAG, MOHAMMED, CA
[72] HABIBI, SAEID, CA
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[72] THIES, ANDREAS, DE
[71] STAEDTLER MARS GMBH & CO. KG, DE
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[54] **ECHANGEUR DE CHALEUR VERTICAL**
[72] HAJE, DETLEF, DE
[72] TISCHER, HEIKO, DE
[72] MUHLER, JORG, DE
[72] NONNIG, MARTIN, DE
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[54] **SENSOR PLATFORM FOR STREETLIGHTS**
[54] **PLATE-FORME DE CAPTEUR POUR REVERBERES**
[72] CARTMILL, KEN, CA
[72] JACKLIN, GREGORY P., CA
[72] LAAN, TRISTAN, CA
[72] RODDICK, SEAN, CA
[72] NEARY, MARK, CA
[72] LANGLOIS, DAMON, CA
[72] LIGHTBODY, SIMON H., CA
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[54] **APPARATUS FOR DETERMINING ABNORMAL ELECTRIC POTENTIALS IN VENTRICULAR MYOCARDIUM**
[54] **APPAREIL POUR LA DETERMINATION DE POTENTIELS ELECTRIQUES ANORMAUX DANS LE MYOCARDE VENTRICULAIRE**
[72] CHIRIAC, HORIA, RO
[72] GRECU, MIHAELA, RO
[72] CORODEANU, SORIN, RO
[72] TIBU, MIHAI, RO
[72] LUPU, NICOLETA, RO
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[54] **DISTRIBUTEURS D'EAU EN BOUTEILLE A CHARGEMENT PAR LE BAS POURVUS DE FONCTIONS D'ASEPTISATION PAR EAU CHAUDE**
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[72] YUI, GEORGE, CA
[71] YUI, ANDREI, CA
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[54] **PADLOCK DEVICE, SYSTEMS INCLUDING A PADLOCK DEVICE, AND METHODS OF OPERATING THEREFOR**
[54] **DISPOSITIF DE CADENAS, SYSTEME COMPORTANT UN DISPOSITIF DE CADENAS, ET PROCEDES DE FONCTIONNEMENT S'Y RAPPORTANT**
[72] TAO, RAN, CA
[72] WANG, JING YANG, CA
[72] YE, JING HUA, CA
[72] LI, WEIJIE, CA
[71] TAPPLOCK CORPORATION, CA
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[54] **SOLVENTBORNE BINDER FOR AN INTUMESCENT COATING**
[54] **LIANT A BASE DE SOLVANT POUR REVETEMENT INTUMESCENT**
[72] VENKATESHWARLU, KALSANI, US
[72] PESKENS, RONNIE, US
[72] LUTZ, KELLY, US
[72] COCA, SIMION, US
[71] PPG COATINGS EUROPE B.V., NL
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[54] **VETEMENT MOULE EN FIBRES NATURELLES**
[72] TURLAN-VAN DER HOEVEN, MANON, FR
[71] HANES OPERATIONS EUROPE SAS, FR
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[54] **APPARATUS FOR COATING PIPES**
[54] **APPAREIL DE REVETEMENT DE TUYAUX**
[72] SHUGG, JARROD, CA
[72] DOYLE, SHAWN, CA
[72] DUNN, RONALD J., CA
[72] ELLIS, JEREMY JOSEPH, CA
[71] SHAWCOR LTD., CA
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[54] **PROCEDES ET COMPOSITIONS PERMETTANT DE MODULER LES SYMPTOMES DE SEVRAGE DES OPIOIDES**
[72] TRANG, TUAN, CA
[72] BURMA, NICOLE, CA
[71] UTI LIMITED PARTNERSHIP, CA
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[54] **METHOD AND DEVICE FOR IDENTIFYING PUPIL IN AN IMAGE**
[54] **PROCEDE ET APPAREIL PERMETTANT D'IDENTIFIER UNE PUPILLE DANS UNE IMAGE**
[72] FENG, LIANG, CN
[72] CAI, ZIHAO, CN
[72] YIN, YAWEI, CN
[71] CHINA UNIONPAY CO., LTD., CN
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[54] **COMPOSITIONS CHIMIQUES DE CONSTRUCTION COMPRENANT UN ADDUIT DE BISULFITE D'ACIDE GLYOXYLIQUE**
[72] GAEDT, TORBEN, DE
[72] DENGLER, JOACHIM, DE
[72] MAZANEC, OLIVER, DE
[72] HESSE, CHRISTOPH, DE
[72] SEUFERT, SEBASTIAN, DE
[71] BASF SE, DE
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[72] SAMUELSEN, PETER, DK
[72] SOGAARD, PETER, DK
[72] STRUIJK, JOHANNES JAN, DK
[71] ACARIX A/S, DK
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[54] **HYDRATION CONTROL MIXTURE FOR MORTAR AND CEMENT COMPOSITIONS**
[54] **MELANGE REGULATEUR D'HYDRATATION POUR COMPOSITIONS DE MORTIER ET DE CIMENT**
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[72] HESSE, CHRISTOPH, DE
[72] SEUFERT, SEBASTIAN, DE
[71] BASF SE, DE
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[54] **FABRICATION D'UN ENSEMBLE CHAUFFANT PERMEABLE AUX LIQUIDES DOTE D'UN CAPUCHON**
[72] WIDMER, JEAN-MARC, CH
[72] FERNANDO, KEETHAN DASNAVIS, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **CHEMICAL COMPOUNDS AS ATF4 PATHWAY INHIBITORS**
[54] **COMPOSES CHIMIQUES UTILISES COMME INHIBITEURS DE LA VOIE ATF4**
[72] AXTEN, JEFFREY, US
[72] CHEUNG, MUI, US
[72] DEMARTINO, MICHAEL P., US
[72] EIDAM, HILARY SCHENCK, US
[72] KETHIRI, RAGHAVA REDDY, IN
[72] KALITA, BISWAJIT, IN
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
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[54] **CHEMCICAL COMPOUNDS**
[54] **COMPOSES CHIMIQUES**
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[72] CHEUNG, MUI, US
[72] DEAN, ANTHONY W., GB
[72] DEMARTINO, MICHAEL P., US
[72] EIDAM, HILARY SCHENCK, US
[72] KETHIRI, RAGHAVA REDDY, IN
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[72] KRISTAM, RAJENDRA, IN
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[72] VETU, CHRISTELLE, FR
[72] PAOLINI, RAFFAELLO, FR
[71] REGULAXIS, FR
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[54] **APPAREIL D'ESSAI DES PERFORMANCES DE CISAILLEMENT DE SOUDURES COMPOSITES THERMOPLASTIQUES A EXPANSION MICROCELLULAIRE**
[72] CHITU, MARIUS, CA
[72] BALTAZAR Y JIMENEZ, ALEXIS, CA
[72] WARD, KEITH, CA
[72] MORI, STEVEN, CA
[71] MAGNA EXTERIORS INC., CA
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[54] **APPAREIL D'ESSAI DE GAZON SYNTHETIQUE**
[72] SICK, STEPHAN, DE
[72] JANSEN, BERND, DE
[72] LOHR, IVO, DE
[72] SANDER, DIRK, DE
[72] HAXAIRE, PASCAL, FR
[72] DREAU, LOIC, FR
[72] ARMENI, ROBERTO, IT
[72] LE BLAN, AURELIEN, FR
[71] POLYTEX SPORTBELAGE PRODUKTIONS-GMBH, DE
[71] LABOSPORT INTERNATIONAL, FR
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[54] **TRAITEMENT COMBINE POUR LESIONS NERVEUSES**
[72] ROCHKIND, SHIMON, IL
[72] NEVO, ZVI, IL
[71] RAMOT AT TEL-AVIV UNIVERSITY LTD., IL
[71] THE MEDICAL RESEARCH, INFRASTRUCTURE AND HEALTH SERVICES FUND OF THE TELAVIV MEDICAL CENTER, IL
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[51] **Int.Cl. F24D 10/00 (2006.01) F24D 19/10 (2006.01) F24F 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING HEAT TRANSFER BETWEEN A LOCAL COOLING SYSTEM AND A LOCAL HEATING SYSTEM**
[54] **PROCEDE DE COMMANDE DE TRANSFERT DE CHALEUR ENTRE UN SYSTEME DE REFROIDISSEMENT LOCAL ET UN SYSTEME DE CHAUFFAGE LOCAL**
[72] ROSEN, PER, SE
[71] E.ON SVERIGE AB, SE
[85] 2018-12-07
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[87] (WO2018/015125)
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[51] **Int.Cl. A61K 47/68 (2017.01) C07K 16/00 (2006.01)**
[25] EN
[54] **LYSINE CONJUGATED IMMUNOGLOBULINS**
[54] **IMMUNOGLOBULINES CONJUGUEES A LA LYSINE**
[72] SPIDEL JARED, US
[72] ALBONE EARL, US
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2018-12-07
[86] 2017-06-12 (PCT/JP2017/021672)
[87] (WO2017/213267)
[30] US (62/348,410) 2016-06-10

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[51] **Int.Cl. A24F 47/00 (2006.01) H05B 6/36 (2006.01)**
[25] EN
[54] **AEROSOL GENERATING DEVICE WITH INDUCTOR**
[54] **DISPOSITIF DE GENERATION D'AEROSOL A INDUCTEUR**
[72] FURSA, OLEG, CH
[72] MIRONOV, OLEG, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-12-07
[86] 2017-07-07 (PCT/EP2017/067161)
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[51] **Int.Cl. B60W 20/11 (2016.01) B60K 6/46 (2007.10) B60W 20/17 (2016.01) B60W 10/08 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING HYBRID VEHICLE AND DEVICE FOR CONTROLLING HYBRID VEHICLE**
[54] **PROCEDE DE COMMANDE DE VEHICULE HYBRIDE ET DISPOSITIF DE COMMANDE DE VEHICULE HYBRIDE**
[72] FUJIWARA, KENGO, JP
[72] ITOU, KEN, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-12-07
[86] 2016-06-08 (PCT/JP2016/067088)
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[51] **Int.Cl. A47J 37/12 (2006.01)**
[25] EN
[54] **FRYER**
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[72] TANAKA, HISAO, JP
[71] EVERTRON INC., JP
[85] 2018-12-07
[86] 2017-01-13 (PCT/JP2017/001038)
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[51] **Int.Cl. H01M 8/24 (2016.01) H01M 8/02 (2016.01) H01M 8/12 (2016.01)**
[25] EN
[54] **FUEL CELL STACK AND SEPARATOR FOR FUEL CELL STACK**
[54] **ASSEMBLAGE DE PILES A COMBUSTIBLE ET SEPARATEUR D'ASSEMBLAGE DE PILES A COMBUSTIBLE**
[72] ICHIHARA, KEIJI, JP
[72] TAKAHATA, KAZUIHRO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-12-07
[86] 2016-06-10 (PCT/JP2016/067362)
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[51] **Int.Cl. G01N 33/42 (2006.01) C04B 18/16 (2006.01) C04B 26/26 (2006.01) C08K 5/05 (2006.01) C08L 95/00 (2006.01) E01C 1/00 (2006.01)**
[25] EN
[54] **A METHOD FOR IDENTIFYING THE EXTENT OF AGING IN AN ASPHALT**
[54] **PROCEDE D'IDENTIFICATION DE L'ETENDUE DU VIEILLISSEMENT DANS UN ASPHALTE**
[72] REINKE, GERALD H., US
[72] BAUMGARDNER, GAYLON L., US
[72] HANZ, ANDREW, US
[71] A.L.M. HOLDING COMPANY, US
[71] ERGON ASPHALT & EMULSIONS, INC., US
[85] 2018-12-07
[86] 2016-12-05 (PCT/US2016/064950)
[87] (WO2017/213692)
[30] US (PCT/US2016/037077) 2016-06-10
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[25] EN
[54] **CBL-FAMILY INHIBITOR COMPRISING A CBL-FAMILY TKB DOMAIN BINDING PEPTIDE FOR THE PREVENTION OR TREATMENT OF DISEASES**
[54] **INHIBITEUR DE LA FAMILLE CBL COMPRENANT UN PEPTIDE DE LIAISON DU DOMAINE TKB DE LA FAMILLE CBL POUR LA PREVENTION OU LE TRAITEMENT DE MALADIES**
[72] PENNINGER, JOSEF, AT
[72] WIRNSBERGER, GERALD, AT
[72] ZWOLANEK, FLORIAN, AT
[72] KUCHLER, KARL, AT
[71] IMBA - INSTITUT FUR MOLEKULARE BIOTECHNOLOGIE GMBH, AT
[71] MEDIZINISCHE UNIVERSITAT WIEN, AT
[85] 2018-12-07
[86] 2017-06-09 (PCT/EP2017/064072)
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[25] EN
[54] **TAU PET IMAGING LIGANDS**
[54] **LIGANDS D'IMAGERIE DE TAU PAR PET**
[72] ANDRES-GIL, JOSE IGNACIO, ES
[72] BORMANS, GUY MAURITS R., BE
[72] DECLERCQ, LIEVEN DENIS HERWIG, BE
[72] FIERENS, KATLEEN, BE
[72] LEENAERTS, JOSEPH ELISABETH, BE
[72] MOECHARS, DIEDERIK WILLEM ELISABETH, BE
[72] ROMBOUTS, FREDERIK JAN RITA, BE
[72] KOLB, HARTMUTH, US
[72] ZHANG, WEI, US
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2018-12-07
[86] 2017-07-14 (PCT/EP2017/067898)
[87] (WO2018/015307)
[30] US (62/363,452) 2016-07-18
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[51] **Int.Cl. A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01)**
[25] EN
[54] **COLLAPSIBLE FIBER MATRIX RESERVOIR FOR AN E-VAPING DEVICE**
[54] **RESERVOIR PLIABLE A MATRICE DE FIBRES POUR DISPOSITIF ELECTRONIQUE DE VAPOTAGE ELECTRONIQUE**
[72] MACKO, JASON ANDREW, US
[72] LIPOWICZ, PETER, US
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-12-07
[86] 2017-08-02 (PCT/EP2017/069564)
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[25] EN
[54] **BED BUG MONITORING FURNITURE LEG**
[54] **PIED DE MEUBLE DE SURVEILLANCE DE PUNAISES DE LIT**
[72] SARIMAA, VERTTI, FI
[72] VISKARI, AKU, FI
[72] GOIS, MARTIM, FI
[71] LUTEIDEN TORJUNTA HELLE OY, FI
[85] 2018-12-07
[86] 2017-06-01 (PCT/FI2017/050410)
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[51] **Int.Cl. C01F 5/14 (2006.01) C01F 5/16 (2006.01) C01F 11/00 (2006.01) C01F 11/02 (2006.01) C04B 18/02 (2006.01) C22B 1/24 (2006.01) C22B 1/242 (2006.01) C22B 1/243 (2006.01) C22B 1/244 (2006.01) C22B 1/245 (2006.01)**
[25] FR
[54] **PROCEDE DE FABRICATION DE BRIQUETTES CONTENANT UN COMPOSE CALCO-MAGNESIEN ET UN COMPOSE A BASE DE FER, ET BRIQUETTES AINSI OBTENUES**
[54] **METHOD FOR MANUFACTURING BRIQUETTES CONTAINING A CALCIUM-MAGNESIUM COMPOUND AND AN IRON-BASED COMPOUND, AND BRIQUETTES OBTAINED THEREBY**
[72] CRINIERE, GUILLAUME, BE
[72] NISPEL, MICHAEL, BE
[71] S.A. LHOIST RECHERCHE ET DEVELOPPEMENT, BE
[85] 2018-12-07
[86] 2017-07-07 (PCT/EP2017/067173)
[87] (WO2018/007635)
[30] BE (2016/5575) 2016-07-08

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[51] **Int.Cl. C09K 8/80 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **AMIDE BASED COATING**
[54] **REVETEMENT A BASE D'AMIDE**
[72] RAGHURAMAN, ARJUN, US
[72] GOYAL, SACHIT, US
[72] ATHEY, PHILLIP S., US
[72] SHAH, HARSHAD M., US
[72] MEDINA, JUAN CARLOS, US
[72] KOONCE, WILLIAM A., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-12-07
[86] 2017-05-24 (PCT/US2017/034275)
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[51] **Int.Cl. C12P 7/64 (2006.01) C11B 1/00 (2006.01) C12N 1/10 (2006.01) C12N 1/12 (2006.01)**
[25] EN
[54] **METHOD OF MAKING LIPIDS WITH IMPROVED COLD FLOW PROPERTIES**
[54] **PROCEDE DE FABRICATION DE LIPIDES PRESENTANT DES PROPRIETES AMELIOREES D'ECOULEMENT A FROID**
[72] SUN, ZHIYONG, CA
[72] SOTHERN, ALAN, GB
[72] BERRYMAN, KEVIN, CA
[72] VALENTINE, MERCIA, CA
[72] MILWAY, MICHAEL, CA
[72] PURDUE, LAURA, CA
[72] ARMENTA, ROBERTO E., CA
[71] MARA RENEWABLES CORPORATION, CA
[85] 2018-12-07
[86] 2016-06-16 (PCT/IB2016/053586)
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[30] US (15/178,890) 2016-06-10

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[13] A1
[51] **Int.Cl. G01N 15/14 (2006.01) G01N 21/27 (2006.01) G01N 21/49 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **MICROPARTICLE MEASURING DEVICE AND MICROPARTICLE ANALYSIS METHOD**
[54] **DISPOSITIF DE MESURE DE MICROPARTICULES ET PROCEDE D'ANALYSE DE MICROPARTICULES**
[72] OKUNO, TAKUYA, JP
[72] KIMURA, AKINORI, JP
[72] SOGAWA, ICHIRO, JP
[72] SUGANUMA, HIROSHI, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[85] 2018-12-07
[86] 2017-05-25 (PCT/JP2017/019544)
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[30] JP (2016-115568) 2016-06-09

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[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/15 (2006.01) C09K 5/00 (2006.01) C09K 5/08 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLE WITH MICROENCAPSULATED PHASE CHANGE MATERIAL**
[54] **ARTICLE ABSORBANT A MATERIAU A CHANGEMENT DE PHASE MICRO-ENCAPSULE**
[72] CREE, JAMES WILLIAM, US
[71] FIRST QUALITY RETAIL SERVICES, LLC., US
[85] 2018-12-07
[86] 2017-02-03 (PCT/US2017/016443)
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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01) C07D 495/04 (2006.01)**
[25] EN
[54] **NEW (HETERO)ARYL-SUBSTITUTED-PIPERIDINYL DERIVATIVES, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **NOUVEAUX DERIVES DE PIPERIDINYLE SUBSITUES PAR (HETERO)ARYLE, LEUR PROCEDE DE PREPARATION ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
[72] KOTSCHY, ANDRAS, HU
[72] WEBER, CSABA, HU
[72] VASAS, ATTILA, HU
[72] MOLNAR, BALAZS, HU
[72] KISS, ARPAD, HU
[72] MACIAS, ALBA, GB
[72] MURRAY, JAMES BROOKE, GB
[72] LEWKOWICZ, ELODIE, FR
[72] GENESTE, OLIVIER, FR
[72] CHANRION, MAIA, FR
[72] DEMARLES, DIDIER, FR
[72] IVANSCHITZ, LISA, FR
[71] LES LABORATOIRES SERVIER, FR
[71] VERNALIS (R&D) LIMITED, GB
[85] 2018-12-07
[86] 2017-06-09 (PCT/EP2017/064062)
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[13] A1
[51] **Int.Cl. B01D 15/36 (2006.01) B01J 39/20 (2006.01) C12H 1/04 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR REMOVAL OF BIOGENIC AMINES FROM WINES AND OTHER LIQUIDS**
[54] **DISPOSITIFS ET PROCEDES D'ELIMINATION D'AMINE BIOGENES A PARTIR DE VINS ET D'AUTRES LIQUIDES**
[72] YADAV, JAY, US
[71] YADAV, JAY, US
[85] 2018-12-07
[86] 2017-04-10 (PCT/US2017/026746)
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[13] A1
[51] **Int.Cl. H01H 9/02 (2006.01) H01H 9/54 (2006.01) H01H 33/59 (2006.01)**
[25] EN
[54] **HYBRID MCCB EMPLOYING ELECTROMECHANICAL CONTACTS AND POWER ELECTRONIC DEVICES**
[54] **DISJONCTEUR A BOITIER MOULE (MCCB) HYBRIDE METTANT EN □UVRE DES CONTACTS ELECTROMECANIQUES ET DES DISPOSITIFS ELECTRONIQUES DE PUISSANCE**
[72] ZHOU, XIN, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-12-07
[86] 2017-05-05 (PCT/US2017/031228)
[87] (WO2017/213774)
[30] US (62/347,211) 2016-06-08
[30] US (15/409,963) 2017-01-19

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[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **RETAINER SYSTEM FOR GROUND-ENGAGING TOOL**
[54] **SYSTEME D'ELEMENT DE RETENUE POUR OUTIL DE PRISE AU SOL**
[72] SERRURIER, DOUG, US
[72] SINN, ERIC, US
[72] JURA, JASON, US
[72] BALAN, MIHAI, US
[72] SCHICK, SCOTT A., US
[71] CATERPILLAR INC., US
[85] 2018-12-07
[86] 2017-05-09 (PCT/US2017/031749)
[87] (WO2017/213786)
[30] US (15/179,251) 2016-06-10

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[13] A1
[51] **Int.Cl. C07D 271/06 (2006.01) A01N 43/82 (2006.01)**
[25] EN
[54] **SUBSTITUTED OXADIAZOLES FOR COMBATING PHYTOPATHOGENIC FUNGI**
[54] **OXADIAZOLES SUBSTITUES UTILISES POUR LUTTER CONTRE DES CHAMPIGNONS PHYTOPATHOGENES**
[72] WIEBE, CHRISTINE, DE
[72] TERTERYAN-SEISER, VIOLETA, DE
[72] GRAMMENOS, WASSILIOS, DE
[72] CRAIG, IAN ROBERT, DE
[72] QUINTERO PALOMAR, MARIA ANGELICA, DE
[72] MENTZEL, TOBIAS, DE
[72] FEHR, MARCUS, DE
[72] WINTER, CHRISTIAN, DE
[72] CAMBEIS, ERICA, GB
[72] LOHMANN, JAN KLAAS, DE
[72] ESCRIBANO CUESTA, ANA, DE
[72] KRETSCHMER, MANUEL, US
[72] GROTE, THOMAS, DE
[72] MUELLER, BERND, DE
[71] BASF SE, DE
[85] 2018-12-07
[86] 2017-05-31 (PCT/EP2017/063207)
[87] (WO2017/211649)
[30] EP (16173718.4) 2016-06-09

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) H04W 4/02 (2018.01) H04B 1/3827 (2015.01) G01S 5/00 (2006.01) G01S 5/16 (2006.01)**
[25] EN
[54] **ASSOCIATING INFORMATION WITH AN ASSET OR A PHYSICAL SPACE**
[54] **ASSOCIATION D'INFORMATIONS A UN ACTIF OU A UN ESPACE PHYSIQUE**
[72] PATEL, SANJEEV, US
[72] GORDON, GAILE, US
[72] MOHAN, TANUJ, US
[71] ENLIGHTED, INC., US
[85] 2018-12-07
[86] 2017-05-15 (PCT/US2017/032764)
[87] (WO2017/213808)
[30] US (15/179,988) 2016-06-11

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[13] A1
[51] **Int.Cl. C08F 218/08 (2006.01) C09D 7/00 (2018.01) C09D 131/04 (2006.01)**
[25] EN
[54] **ACRYLIC COPOLYMER COMPOSITION PREPARED FROM VINYL ESTER OR AMIDE FUNCTIONAL MONOMERS**
[54] **COMPOSITION DE COPOLYMERE ACRYLIQUE PREPAREE A PARTIR DE MONOMERES FONCTIONNELS D'ESTER VINYLIQUE OU D'AMIDE**
[72] SWARUP, SHANTI, US
[72] SADVARY, RICHARD J., US
[72] SYPUT, TIMOTHY, US
[72] VENKATESHWARLU, KALSANI, US
[72] LUTZ, KELLY E., US
[72] COCA, SIMION, US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2018-12-07
[86] 2017-05-18 (PCT/US2017/033361)
[87] (WO2017/213819)
[30] US (15/178,586) 2016-06-10

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[13] A1
[51] **Int.Cl. C07K 16/46 (2006.01) C12P 21/08 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **BISPECIFIC ANTIBODY EXHIBITING INCREASED ALTERNATIVE FVIII-COFACTOR-FUNCTION ACTIVITY**
[54] **ANTICORPS BISPECIFIQUE PRESENTANT UNE ACTIVITE DE FONCTION ALTERNATIVE ACCRUE DU COFACTEUR FVIII**
[72] IGAWA, TOMOYUKI, JP
[72] TERANISHI, YURI, JP
[72] KATO, KAZUKI, JP
[72] KOGA, HIKARU, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2018-12-07
[86] 2017-07-27 (PCT/JP2017/027152)
[87] (WO2018/021450)
[30] JP (2016-150769) 2016-07-29

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[13] A1
[51] **Int.Cl. E21B 47/022 (2012.01) E21B 47/09 (2012.01) G01V 3/18 (2006.01)**
[25] EN
[54] **DIRECT COUPLING MITIGATION FOR COIL-BASED ELECTROMAGNETIC RANGING**
[54] **ATTENUATION DE COUPLAGE DIRECT POUR TELEMETRIE ELECTROMAGNETIQUE A BASE DE BOBINES**
[72] CHANG, PAUL CHIN LING, US
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-12-07
[86] 2016-07-07 (PCT/US2016/041350)
[87] (WO2018/009198)

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[13] A1
[51] **Int.Cl. A61G 7/08 (2006.01)**
[25] EN
[54] **DEVICE FOR ASSISTED OMNIDIRECTIONAL MOVEMENT OF HOSPITAL BEDS AND OTHER OMNIDIRECTIONALLY MOBILE LOADS**
[54] **DISPOSITIF POUR LE MOUVEMENT OMNIDIRECTIONNEL ASSISTE DE LITS D'HOPITAL ET D'AUTRES CHARGES MOBILES OMNIDIRECTIONNELLES**
[72] FONTANA, GIULIO ANGELO EUGENIO, IT
[72] MATTEUCCI, MATTEO, IT
[72] SORRENTI, DOMENICO GIORGIO, IT
[72] DE SALVO, GIOVANNI, IT
[72] PENCO, MARCO, IT
[71] POLITECNICO DI MILANO, IT
[71] UNIVERSITA' DEGLI STUDI DI MILANO-BICOCCA, IT
[71] INFO SOLUTION S.P.A., IT
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[86] 2017-06-05 (PCT/EP2017/063623)
[87] (WO2017/211770)
[30] IT (102016000059919) 2016-06-10

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[51] **Int.Cl. C01F 5/14 (2006.01) C01F 5/16 (2006.01) C01F 11/00 (2006.01) C01F 11/02 (2006.01) C04B 18/02 (2006.01) C22B 1/24 (2006.01) C22B 1/242 (2006.01) C22B 1/243 (2006.01) C22B 1/244 (2006.01) C22B 1/245 (2006.01)**
[25] FR
[54] **PROCEDE DE FABRICATION DE BRIQUETTES CONTENANT UN COMPOSE CALCO-MAGNESIEN ET UN COMPOSE A BASE DE FER, ET BRIQUETTES AINSI OBTENUES**
[54] **METHOD FOR MANUFACTURING BRIQUETTES CONTAINING A CALCIUM-MAGNESIUM COMPOUND AND AN IRON-BASED COMPOUND, AND BRIQUETTES THUS OBTAINED**
[72] CRINIERE, GUILLAUME, BE
[72] NISPEL, MICHAEL, BE
[71] S.A. LHOIST RECHERCHE ET DEVELOPPEMENT, BE
[85] 2018-12-07
[86] 2017-07-07 (PCT/EP2017/067165)
[87] (WO2018/007629)
[30] BE (2016/5575) 2016-07-08

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[13] A1
[51] **Int.Cl. H04N 21/434 (2011.01) H04H 60/35 (2009.01) H04H 60/64 (2009.01) H04H 60/76 (2009.01) H04N 21/436 (2011.01)**
[25] EN
[54] **CURRENT SERVICE INFORMATION**
[54] **INFORMATIONS DE SERVICE ACTUEL**
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-12-07
[86] 2017-05-31 (PCT/JP2017/020260)
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[30] US (62/348,050) 2016-06-09

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[13] A1
[51] **Int.Cl. H01R 13/44 (2006.01) H01R 13/703 (2006.01) H01R 13/713 (2006.01) H02H 11/00 (2006.01)**
[25] EN
[54] **ELECTRICAL RECEPTACLE**
[54] **PRISE ELECTRIQUE**
[72] ODDSEN, DENNIS ALAN, US
[71] HUBBELL INCORPORATED, US
[85] 2018-12-07
[86] 2017-05-22 (PCT/US2017/033763)
[87] (WO2017/205252)
[30] US (62/340,575) 2016-05-24

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[54] **PERSONAL POINT OF SALE**
[54] **POINT DE VENTE PERSONNEL**
[72] LYNE, MALCOLM, US
[72] DEKOZAN, DAVID L., US
[72] PAETZOLD, KAY, DE
[71] CUBIC CORPORATION, US
[85] 2018-12-07
[86] 2017-05-30 (PCT/US2017/035017)
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[30] US (15/195,835) 2016-06-28

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[25] EN
[54] **1-TETRAHYDROPYRANYLCARBONYL-2,3-DIHYDRO-1H-INDOLE COMPOUNDS FOR TREATING CANCER**
[54] **COMPOSES DE 1-TETRAHYDROPYRANYLCARBONYL-2,3-DIHYDRO-1H-INDOLE POUR LE TRAITEMENT DU CANCER**
[72] BASTIAN, JOLIE ANNE, US
[72] CHEN, JIEHAO, US
[72] COHEN, JEFFREY DANIEL, US
[72] HENRY, JAMES ROBERT, US
[72] MCMILLEN, WILLIAM THOMAS, US
[72] REAMAN, BRADLEY EARL, US
[72] RUBIO, ALMUDENA, US
[72] SALL, DANIEL JON, US
[72] ZHAO, GAIYING, US
[71] ELI LILLY AND COMPANY, US
[85] 2018-12-07
[86] 2017-05-31 (PCT/US2017/035097)
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[54] **SAFENING 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)-5-FLUOROPYRIDINE-2-CARBOXYLIC ACID COMPOSITIONS IN BRASSICA SPECIES AND METHODS OF USE THEREOF**
[54] **PHYTOPROTECTION PAR COMPOSITIONS A BASE D'ACIDE 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)-5-FLUOROPYRIDINE-2-CARBOXYLIQUE DANS DES ESPECES BRASSICA ET LEURS PROCEDES D'UTILISATION**
[72] SATCHIVI, NORBERT M., US
[72] GAST, ROGER E., US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-12-07
[86] 2017-05-31 (PCT/US2017/035163)
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[30] US (62/348505) 2016-06-10

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[54] **SILOXANE COMPOSITIONS AND CLEANING METHOD USING THE SAME**
[54] **COMPOSITIONS DE SILOXANE ET PROCEDE DE NETTOYAGE LES UTILISANT**
[72] NIETFELD, JON P., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-12-07
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[30] US (62/346,651) 2016-06-07

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[54] **PROCESS FOR PRODUCING A CEMENT CLINKER AT LOW TEMPERATURE**
[54] **PROCEDE DE PRODUCTION D'UN CLINKER DE CIMENT A BASSE TEMPERATURE**
[72] SANCHEZ DOLADO, JORGE, ES
[72] IBANEZ GOMEZ, JOSE ANTONIO, ES
[72] AZURMENDI APALATEGUI, NAIARA, ES
[72] BILBAO ALBA, LEIRE, ES
[72] IBARZO, JEROME, ES
[71] FUNDACION TECNALIA RESEARCH & INNOVATION, ES
[85] 2018-12-04
[86] 2017-06-07 (PCT/EP2017/063864)
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[54] **PENILE TRACTION DEVICES**
[54] **DISPOSITIFS DE TRACTION DU PENIS**
[72] GEROLD, JASON, US
[72] HOFFMAN, ZACHARY M., US
[72] TROST, LANDON W., US
[72] TALEN, DAVID, US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[71] PATHRIGHT MEDICAL INC., US
[85] 2018-12-07
[86] 2017-06-07 (PCT/US2017/036291)
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[30] US (62/347,316) 2016-06-08

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[25] EN
[54] **DIRECT NUMERIC 3D SENSORLESS CONVERTER FOR PUMP FLOW AND PRESSURE**
[54] **CONVERTISSEUR NUMERIQUE DIRECT 3D SANS CAPTEUR POUR UN DEBIT ET UNE PRESSION DE POMPE**
[72] CHENG, ANDREW A., US
[72] SCHOENHEIT, KYLE D., US
[71] FLUID HANDLING LLC, US
[85] 2018-12-07
[86] 2017-06-07 (PCT/US2017/036325)
[87] (WO2017/214257)
[30] US (62/346,808) 2016-06-07

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[25] EN
[54] **CLAMPING ASSEMBLY FOR ATTACHING A GROUNDING CONDUCTOR TO A PIPE HAVING A PROTECTIVE COATING**
[54] **ENSEMBLE DE SERRAGE POUR FIXER UN CONDUCTEUR DE MISE A LA TERRE A UN TUYAU MUNI D'UN REVETEMENT PROTECTEUR**
[72] TROMBLEY, LOGAN M, US
[71] HUBBELL INCORPORATED, US
[85] 2018-12-07
[86] 2017-06-07 (PCT/US2017/036421)
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[30] US (15/176,927) 2016-06-08

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[25] EN
[54] **ANTI-B7-H3 ANTIBODIES AND ANTIBODY DRUG CONJUGATES**
[54] **ANTICORPS ANTI-B7-H3 ET CONJUGUES ANTICORPS-MEDICAMENTS**
[72] BENATUIL, LORENZO, US
[72] BRUNCKO, MILAN, US
[72] CHAO, DEBRA, US
[72] DOHERTY, GEORGE, US
[72] FREY, ROBIN R., US
[72] IZERADJENE, KAMEL, US
[72] JUDD, ANDREW S., US
[72] PHILLIPS, ANDREW C., US
[72] SONG, XIAOHONG, US
[72] SOUERS, ANDREW J., US
[72] SULLIVAN, GERARD M., US
[72] TAO, ZHI-FU, US
[72] THAKUR, ARCHANA, US
[71] ABBVIE INC., US
[85] 2018-12-07
[86] 2017-06-07 (PCT/US2017/036428)
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[30] US (62/347,322) 2016-06-08
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[54] **ANTI-B7-H3 ANTIBODIES AND ANTIBODY DRUG CONJUGATES**
[54] **ANTICORPS ANTI-B7-H3 ET CONJUGUES ANTICORPS-MEDICAMENTS**
[72] BENATUIL, LORENZO, US
[72] BRUNCKO, MILAN, US
[72] CHAO, DEBRA, US
[72] IZERADJENE, KAMEL, US
[72] JUDD, ANDREW S., US
[72] PHILLIPS, ANDREW C., US
[72] SOUERS, ANDREW J., US
[72] THAKUR, ARCHANA, US
[71] ABBVIE INC., US
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[30] US (62/347,476) 2016-06-08
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[13] A1
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[54] **SPACER**
[54] **ENTRETOISE**
[72] HALLMAN, MARTIN, AU
[71] 100% USEFUL PTY. LTD., AU
[85] 2018-12-06
[86] 2016-06-09 (PCT/AU2016/050465)
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[51] **Int.Cl. B65D 33/00 (2006.01) B29C 59/02 (2006.01) B29C 70/64 (2006.01)**
[25] EN
[54] **ANTISLIP, HEAT SEALABLE PLASTIC FLEXIBLE PACKAGING BAG AND METHOD AND APPARATUS FOR ITS PRODUCTION**
[54] **SAC D'EMBALLAGE SOUPLE EN PLASTIQUE THERMOSOUDABLE ANTIDERAPANT ET SES PROCEDE ET APPAREIL DE PRODUCTION**
[72] MANDZSU, JOZSEF, HU
[72] MANDZSU, ZOLTAN, HU
[72] MANDZSU, JOZSEF, HU
[71] STARLINGER & CO. GESELLSCHAFT M.B.H., AT
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[86] 2017-04-20 (PCT/HU2017/000028)
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[25] EN
[54] **BICYCLIC FUSED PYRAZOLE DERIVATIVES FOR THE TREATMENT OF RSV**
[54] **DERIVES PYRAZOLE CONDENSES BICYCLIQUES POUR LE TRAITEMENT DE RSV**
[72] PLEMPER, RICHARD K., US
[72] LEE, EDDY, US
[72] VERNACHIO, JOHN, US
[72] BOURQUE, ELYSE, CA
[71] GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
[71] VAXART, INC., US
[85] 2018-11-14
[86] 2017-05-10 (PCT/US2017/031961)
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[30] US (62/333,992) 2016-05-10
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[25] EN
[54] **DISPENSER CONTROL USER INTERFACE**
[54] **INTERFACE D'UTILISATEUR POUR COMMANDE DE DISTRIBUTEUR**
[72] TOMASSON, KRIS, US
[72] NEWMAN, DAVID R., US
[72] GREEN, CHARLES BRADLEY, US
[72] EDER, J. RYAN, US
[72] EDER, BRANDON, US
[72] GANDELMAN, EDWARD MICHAEL, US
[72] PEDEN, HARLAN CHARLES, III, US
[72] O'KELLY, MATTHEW EDWARD, US
[71] THE COCA-COLA COMPANY, US
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[51] **Int.Cl. C09D 4/06 (2006.01) C09D 7/63 (2018.01) C09D 5/00 (2006.01) C09D 133/00 (2006.01)**
[25] EN
[54] **SECOND COMPONENT FOR A TWO-COMPONENT SPRAYABLE METHYL-METHACRYLATE BASED PAINT AND METHOD OF PRODUCING THEREOF**
[54] **DEUXIEME COMPOSANTE D'UNE PEINTURE A BASE DE METHYLE-METHACRYLATE PULVERISABLE A DEUX COMPOSANTES ET METHODE DE PRODUCTION ASSOCIEE**
[72] ASELSTYNE, ALEX, CA
[71] THE BETTER LINE INC., CA
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[51] **Int.Cl. G09B 9/00 (2006.01) B42D 15/00 (2006.01) G09B 19/24 (2006.01)**
[25] EN
[54] **TOOL SIMULATION SYSTEM, SIMULATION WORKPIECE, AND METHOD OF OPERATION**
[54] **SYSTEME DE SIMULATION D'OUTIL, PIECE DE TRAVAIL DE SIMULATION ET METHODE D'UTILISATION**
[72] CAMPBELL, IAN, CA
[72] REIDINGER, LUKAS, CA
[72] YU, CHUN, CA
[71] CWB GROUP - INDUSTRY SERVICES, CA
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[51] **Int.Cl. G16H 10/40 (2018.01) G01N 33/48 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING AUTOMATICALLY UPDATED PRODUCT INSERTS**
[54] **SYSTEME ET PROCEDE DE MISE EN PLACE D'INSERTS A MISE A JOUR AUTOMATIQUE POUR PRODUITS**
[72] BURDETTE, DANIEL, US
[72] LE-THI, PHUONG, US
[71] BIO-RAD LABORATORIES, INC., US
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[51] **Int.Cl. A61B 1/12 (2006.01) A61B 1/313 (2006.01)**
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[54] **GUIDE D'ECOULEMENT**
[72] JAMES, ADAM GRAHAM, GB
[72] CHEN, JIE, GB
[72] WILLS, ANTHONY ARTHUR, GB
[71] ENDOGUARD LIMITED, GB
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[51] **Int.Cl. A61L 27/38 (2006.01)**
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[54] **SMOOTH MUSCLE CELL CONSTRUCTS**
[54] **PRODUITS DE RECOMBINAISON A BASE DE CELLULES MUSCULAIRES LISSES**
[72] LUDLOW, JOHN W., US
[72] JAYO, MANUEL J., US
[72] BASU, JOYDEEP, US
[72] BERTRAM, TIMOTHY A., US
[72] GENHEIMER, CHRISTOPHER W., US
[72] GUTHRIE, KELLY I., US
[72] ILAGAN, ROGER M., US
[72] ILAGAN, ROGER M., US
[72] JAIN, DEEPAK, US
[72] KNIGHT, OLUWATOYIN A., US
[72] PAYNE, RICHARD, US
[72] QUINLAN, SARAH F., US
[72] RAPOPORT, H. SCOTT, ES
[72] SANGHA, NAMRATA D., US
[72] SHOKES, JACOB E., US
[72] BURNETTE, TERESA B., US
[72] BOYD, SARAH A., US
[72] HALBERSTADT, CRAIG R., US
[72] JUSTEWICZ, DOMINIC M., US
[72] RIVERA, ELIAS A., US
[72] SHARP, WENDY, US
[71] INREGEN, KY
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[41] 2011-11-10
[62] 2,797,705
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[30] US (61/416,267) 2010-11-22
[30] US (61/371,541) 2010-08-06
[30] US (61/447,460) 2011-02-28
[30] US (61/330,774) 2010-05-03
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[13] A1
[51] **Int.Cl. B65B 43/58 (2006.01) B65B 1/02 (2006.01) B65B 11/02 (2006.01) B65B 11/04 (2006.01)**
[25] EN
[54] **INTERMEDIATE CARRIER DEVICE FOR FORMING A TRANSPORTABLE CONTAINER FOR BULK GOODS**
[54] **DISPOSITIF DE TRANSPORT INTERMEDIAIRE POUR FORMER UN CONTENANT TRANSPORTABLE POUR DES PRODUITS EN VRAC**
[72] OURS, DAVID C., US
[72] JUNTUNEN, SHARON B., US
[71] KELLOGG COMPANY, US
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[51] **Int.Cl. G01N 21/25 (2006.01) G01N 21/01 (2006.01) G01N 21/78 (2006.01)**
[25] EN
[54] **SPECTROMETRIC DEVICE FOR THE ANALYSIS OF ENVIRONMENTAL AND GEOLOGICAL SAMPLES**
[54] **DISPOSITIF SPECTROMETRIQUE POUR L'ANALYSE D'ECHANTILLONS ENVIRONNEMENTAUX ET GEOLOGIQUES**
[72] HANBY, JOHN DAVID, US
[71] HANBY INTERNATIONAL, LLC, US
[22] 2013-01-18
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[13] A1
[51] **Int.Cl. A61B 17/12 (2006.01)**
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[54] **AN EMBOLISATION DEVICE**
[54] **DISPOSITIF D'EMBOLISATION**
[72] MULLINS, LIAM, IE
[72] FORDE, COLIN, IE
[72] ALLEN, WAYNE, IE
[72] SHERIDAN, WILLIAM, IE
[72] GILSON, PAUL, IE
[71] EMBO MEDICAL LIMITED, IE
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[30] EP (15175292.0) 2015-07-03

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[13] A1
[51] **Int.Cl. B60D 1/06 (2006.01) B60D 1/01 (2006.01) B60D 1/28 (2006.01) B60D 1/46 (2006.01)**
[25] EN
[54] **GOOSENECK COUPLER WITH SLIDEABLE LOCKING MEMBERS AND CLINCH**
[54] **DISPOSITIF D'ATTELAGE A COL DE CYGNE AVEC ELEMENTS DE VERROUILLAGE COULISSANTS ET RIVET**
[72] DRAKE, FRANK, US
[72] RABSKA, KEVIN, US
[71] CEQUENT PERFORMANCE PRODUCTS, INC., US
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[25] EN
[54] **DATA BROADCASTING WITH A PREPARE-TO-BROADCAST MESSAGE**
[54] **DIFFUSION DE DONNEES AVEC UN MESSAGE PRET A LA DIFFUSION**
[72] NGUYEN, VIET-HUNG, US
[72] BARTIER, JEROME, US
[72] MAINAUD, BASTIEN, US
[72] MONIER, FABRICE, US
[71] ITRON GLOBAL SARL, US
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[51] **Int.Cl. B65G 1/02 (2006.01) A47G 29/14 (2006.01) G07F 17/10 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD OF CONTROL OF ELECTRONIC PARCEL LOCKERS**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE CASIERS DE COLIS ELECTRONIQUES**
[72] IRWIN, DONALD E., US
[72] MCKENZIE, NAN K., US
[72] TARTAL, WILLIAM A., US
[72] STEPHEN, VICTORIA K., US
[72] AMATO, MICHAEL J., US
[71] UNITED STATES POSTAL SERVICE, US
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[30] US (61/567.048) 2011-12-05

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[25] EN
[54] **PROCESS FOR ANALYZING AND ESTABLISHING DOSAGE SIZE IN AN INGESTIBLE FILM**
[54] **PROCEDE D'ANALYSE ET DE DETERMINATION DE LA TAILLE D'UNE DOSE DANS UN FILM A INGERER**
[72] MYERS, GARRY L., US
[72] BOGUE, BEUFORD A., US
[72] HARIHARAN, MADHU, US
[71] AQUESTIVE THERAPEUTICS, INC., US
[22] 2011-10-28
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[51] **Int.Cl. G06Q 10/08 (2012.01) A47G 29/14 (2006.01) B65G 1/02 (2006.01) G07F 17/10 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD OF CONTROL OF ELECTRONIC PARCEL LOCKERS**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE CASIERS DE COLIS ELECTRONIQUES**
[72] IRWIN, DONALD E., US
[72] MCKENZIE, NAN K., US
[72] TARTAL, WILLIAM A., US
[72] STEPHEN, VICTORIA K., US
[72] AMATO, MICHAEL J., US
[71] UNITED STATES POSTAL SERVICE, US
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[41] 2013-06-13
[62] 2,855,757
[30] US (61/567.048) 2011-12-05

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[13] A1
[51] **Int.Cl. H04B 7/155 (2006.01) H04W 16/26 (2009.01) H04J 1/00 (2006.01)**
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[54] **REMOTE DISTRIBUTED ANTENNA SYSTEM**
[54] **SYSTEME A ANTENNES DISTRIBUEES A DISTANCE**
[72] BARZEGAR, FARHAD, US
[72] BARNICKEL, DONALD J., US
[72] BLANDINO, GEORGE, US
[72] GERSZBERG, IRWIN, US
[72] HENRY, PAUL SHALA, US
[72] WILLIS, THOMAS M., US
[71] AT&T INTELLECTUAL PROPERTY I, L.P., US
[22] 2014-05-28
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[62] 2,909,887
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25 décembre 2018

Please be advised that no patents were issued on December 25, 2018.

Veuillez noter qu'aucun brevet n'a été délivré le 25 décembre 2018.

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