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# The Patent Office Record

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# THE CANADIAN PATENT OFFICE RECORD

# LA GAZETTE DU BUREAU DES BREVETS

Mary Carman  
Commissioner of Patents

Mary Carman  
Commissaire aux brevets

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

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

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

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

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# Notices

# Avis

## 1. Dates and Code Numerals Appearing in Patent Headings

### Dates

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

### Code Numerals

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

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

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
  
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
  
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date ( Re-Issued, Re-Examined )
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

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

### Dates

Toutes dates figurant aux en-têtes 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 en-têtes 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

## Avis

### 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](http://www.wipo.int/scit/en/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/patents-der](http://www.strategis.ic.gc.ca/patents-der)) 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

### 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.

### 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](http://www.wipo.int/scit/fr/standards/standards.htm)).

### 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](http://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 mégaoctets qui excède 7 mégaoctets, l'excédant étant arrondi au multiple supérieur	10 \$

### 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.

## Notices

### 5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on 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 on request.

### 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.

### 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.

### 8. List of Patents Available for Licence or Sale

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

**none**

### 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. 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. 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. 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**

## Avis

### 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.

### 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).

### 11. PATENT COOPERATION TREATY (PCT) SCHEDULE OF FEES APPLICABLE FOR APPLICATIONS FILED ON OR AFTER January 1st, 2012

<b>1. Transmittal Fee (Rule 14)</b>	<b>\$300</b>
<b>2. International Filing Fee</b>	<b>\$1518*</b>
For each additional sheet over 30	<b>\$17</b>

#### 3. International Search Fee

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 Rule 16bis.2, within one month from the date of the invitation.

### 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. 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. TRAITÉ DE COOPÉRATION EN MATIÈRE DE BREVETS (PCT) BARÈME DE TAXES À PARTIR DU 1er janvier 2012

<b>1. Taxe de transmission (Règle 14)</b>	<b>300 \$</b>
<b>2. Taxe de dépôt internationale</b>	<b>1518 \$*</b>
Pour chaque feuille au delà de 30	<b>17 \$</b>
<b>3. Taxe de recherche internationale</b>	<b>1600 \$</b>

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 taxe pour le paiement tardif visée à la règle 16bis.2, dans un

## Notices

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**

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**

## Preliminary Examination

### 5. Handling fee (Rule 57.2(a))

\$228

### 6. Preliminary examination fee (Rule 58)

\$800

\* International fees will be reduced by:

- **\$114** for all applications filed using PCT-EASY,
- **\$228** for all applications filed electronically using PCT-SAFE (The request in character coded format).
- **\$342** for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

## Examen préliminaire

### 5. Taxe de traitement (Règle 57.2a))

228 \$

### 6. Taxe d'examen préliminaire (Règle 58)

800 \$

\* Les frais seront réduits de:

- **\$114** pour toutes les demandes déposées en utilisant PCT-EASY,
- **\$228** pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- **\$342** pour toutes les demandes déposées en utilisant PCT-SAFE (La requête, la description, les revendications et l'abrégué 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](mailto:publications.mail@wipo.int)) or visit their Web site ([www.wipo.int](http://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](mailto:publications.mail@wipo.int)) ou visiter leur site Web ([www.wipo.int](http://www.wipo.int)).

## Avis

### 13. Practice notice

#### STATUTORY HOLIDAYS (*DIES NON*)

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

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 Industry Canada regional office; or a Registered Mail establishment) 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.

Operationally, 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 they are properly entitled to any needed extension of the time limit.

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 trade-mark time limit that expires on a day when the Patent and Trade-marks 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.

### 13. Énoncé de pratique

#### JOURS FÉRIÉS (*DIES NON*)

**Nota :** Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.

Délais prévus dans *les lois régissant 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'Industrie Canada ou un établissement de Courrier recommandé) 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 un télécopieur, seraient 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. En conséquence, 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.

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 docu-

## Notices

ered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

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 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.

### 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:

ments sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

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 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.

### Jours fériés provinciaux ou territoriaux

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

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- 1) **Alberta:** 3rd Monday in February (Alberta Family Day)
  - 2) **British Columbia:** 1st Monday in August (British Columbia Day)
  - 3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
  - 4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
  - 5) **Ontario:** 3rd Monday in February (Ontario Family Day)  
1st Monday in August (Civic Holiday)
  - 6) **Quebec:** June 24 (St. John the Baptist Day)
  - 7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
  - 8) **Yukon:** 3rd Monday in August (Discovery Day)
- When Patent and Trade-marks Offices are closed for business

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

- 1) All Saturdays and Sundays
- 2) \*New Year's Day (Jan. 1)
- 3) Good Friday
- 4) Easter Monday
- 5) Victoria Day - First Monday immediately preceding May 25
- 6) \*St. John the Baptist Day (June 24)
- 7) \*Canada Day (July 1)
- 8) Labour Day - First Monday in September
- 9) Thanksgiving Day - Second Monday in October
- 10) \*Remembrance Day (November 11)
- 11) \*Christmas Day (December 25)
- 12) Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks 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 Patent and Trade-marks Offices will be closed on the following Monday.

- 1) **Alberta :** 3e lundi de février (Jour de la Famille de l'Alberta)
  - 2) **Colombie-Britannique :** 1er lundi d'août (Fête de la Colombie-Britannique)
  - 3) **Nouveau-Brunswick :** 1er lundi d'août (Fête du Nouveau-Brunswick)
  - 4) **Nouvelle-Écosse :** 1er lundi d'août (congé statutaire)
  - 5) **Ontario :** 3e lundi de février (Jour de la Famille de l'Ontario)  
1er lundi d'août (congé statutaire)
  - 6) **Québec :** 24 juin (Saint-Jean-Baptiste)
  - 7) **Saskatchewan :** 1er lundi d'août (Fête de la Saskatchewan)
  - 8) **Yukon :** 3e lundi d'août (Jour de la Découverte)
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

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

- 1) Tous les samedi et dimanche
- 2) \*Jour de l'An (1er janvier)
- 3) Vendredi Saint
- 4) Lundi de Pâques
- 5) Fête de Victoria - premier lundi précédent immédiatement le 25 mai
- 6) \*Saint-Jean-Baptiste (le 24 juin)
- 7) \*Fête du Canada (1er juillet)
- 8) Fête du travail - premier lundi de septembre
- 9) Jour de l'Action de grâces - deuxième lundi d'octobre
- 10) \*Jour du souvenir (11 novembre)
- 11) \*Jour de Noël (25 décembre)
- 12) L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce 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.

## 14. 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 incon-*

## 14. 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 diver-*

## Notices

sistency 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 *Trademark 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 Offices.

gence 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 (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.

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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).

## 15. Correspondence Procedures

May 8, 2012

**Effective May 15, 2012 this notice replaces 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.

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 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 will be considered to be received on the date of delivery.

**Note regarding Fee Payment Forms:** 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](#).

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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)

## 15. Procédures de correspondance

Le 8 mai 2012

**Le présent avis, en vigueur à compter du 15 mai 2012, remplace tous les avis antérieurs aux procédures de correspondance.**

Note : 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.

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 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 pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

**Note concernant le formulaire de paiements:** 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 crédit.

Téléchargez le [formulaire de paiements](#).

## Notices

### 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. Industry Canada

C.D. Howe Building  
235 Queen Street, Room S-143  
Ottawa ON K1A 0H5  
Tel.: 613-952-2268

#### 2. Industry Canada

5 Place Ville-Marie, Suite 700  
Montreal QC H3B 2G2  
Tel.: 514-496-1797  
Toll-free: 1 888 237-3037

#### 3. Industry Canada

151 Yonge Street, 4th Floor  
Toronto ON M5C 2W7  
Tel.: 416-973-5000

#### 4. Industry Canada

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

#### 5. Industry Canada

Library Square  
300 West Georgia Street, Suite 2000  
Vancouver BC V6B 6E1  
Tel.: 604-666-5000

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. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

### 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. Industrie Canada

Édifice C.D. Howe  
235, rue Queen, pièce S-143  
Ottawa (Ontario) K1A 0H5  
Tél. : 613-952-2268

#### 2. Industrie Canada

5, Place Ville-Marie, pièce 700  
Montréal (Québec) H3B 2G2  
Tél. : 514-496-1797  
Sans frais : 1-888-237-3037

#### 3. Industrie Canada

151, rue Yonge, 4e étage  
Toronto (Ontario) M5C 2W7  
Tél. : 416-973-5000

#### 4. Industrie Canada

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

#### 5. Industrie Canada

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

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, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

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

### 2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark 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 Service of Canada Post is a designated establishment or designated office 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.

Correspondence delivered through the Registered Mail Service of Canada Post will be considered to be received on the date stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

### 3. 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 via [CIPO's Web](#) site 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 and applications prepared using the PCT-EASY or PCT-SAFE 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.

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

### 2. Service Courier recommandé 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*, le service Courier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

La correspondance livrée par l'entremise du service Courier recommandé de Postes Canada sera réputée reçue à la date estampillée sur l'enveloppe par Postes Canada seulement si l'OPIC est ouvert au public à cette date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC.

### 3. 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 sur le [site web de l'OPIC](#) 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 dans la 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 demandes et des listages de séquences préparés à l'aide de PCT-EASY ou PCT-SAFE, 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.

## Notices

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.

### 3.1 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 (953-2476) or  
819-953-OPIC (953-6742)

Facsimile correspondence which 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.

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 covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: 819-994-2269.

### Patents

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

### 3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's web site.

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.

### 3.1 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 (953-6742) ou  
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise 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 recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré dans la lettre d'envoi en vue d'assurer un traitement rapide. Pour prendre les dispositions nécessaires, on pourra communiquer avec la Direction des finances de l'OPIC en composant le 819-994-2269.

### 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.

### 3.2 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 sur le site Web de l'OPIC.

## Avis

### Patents

For the purpose of subsection 5(6) of the Patent Rules, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

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

### 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. The filing 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](#).

### Trade-marks

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 via CIPO's Web site, by accessing the following web pages:

- [application for the registration of a trade-mark](#);
- [filing of a revised application](#);
- [renewal of a trade-mark registration](#);
- [request to enter a name on the list of trade-mark agents](#).
- [annual renewal of a trade-mark agent](#);
- [requesting copies of trade-mark documents](#);
- [filing of a declaration of use](#);
- [registration of a trade-mark application](#);
- [statement of opposition](#); and
- [request an extension of time in trade-mark opposition proceedings](#).

### Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

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

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

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 du logiciel PCT-SAFE fourni par le Bureau international. Le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales, appelé [dépôt électronique de demande 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](#).

### 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 transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes

- [demande d'enregistrement d'une marque de commerce](#);
- [demande d'enregistrement d'une marque de commerce modifiée](#);
- [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](#).

## Notices

### ***Copyrights***

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- [application for registration of a copyright in a work;](#)
- [Application for registration of a copyright in a performer's performance, sound recording or 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 copyrights.](#)

### ***Industrial Designs***

#### 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 via CIPO's web site, by accessing the following web 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.](#)

### ***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 via CIPO's web site, by accessing the following web pages:

- [general correspondence relating to integrated circuit topographies.](#)

### **3.3 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.

### ***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 sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

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

### ***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 sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web 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.](#)

### ***Topographies de circuits intégrés***

#### 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 sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [correspondance générale relative aux topographies de circuits intégrés](#)

### **3.3 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 à l'article 93 des *Règles sur les brevets* resteront applicables.

## Avis

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

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

### **Canada as Receiving Office Under the PCT: PCT-EASY**

Pursuant to PCT Rule 89ter, CIPO, in its role as a receiving Office, accepts the filing of an international application containing the request presented as a print-out prepared using the PCT-EASY features of the PCT-SAFE software made available by the International Bureau together with an electronic medium containing a copy in electronic form of the data contained in the request and of the abstract. For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions.

### **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:

- only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
- 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.

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

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

### **Le Canada comme office récepteur au titre du PCT: PCT-EASY**

Conformément à la Règle 89ter du PCT, à titre d'office récepteur l'OPIC accepte que le dépôt d'une demande internationale présentée sur support papier et préparée à l'aide des fonctions PCT-EASY du logiciel PCT-SAFE fourni par le Bureau international soit accompagné d'un support électronique contenant une copie sous forme électronique des données figurant dans la demande et l'abrégé. À cette fin, l'office récepteur canadien acceptera tout support électronique indiqué à l'Annexe F des Instructions administratives du PCT.

### **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 discréption du requérant :

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

## Notices

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 labelling of the electronic media and the calculation of the international filing fee, refer to Section 7 of the PCT Administrative Instructions.

### Electronic Media accepted by the Patent Office

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

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

### 4. Details concerning the electronic formats accepted

#### Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site 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.

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.

#### Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe 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.

#### 4. Précisions concernant les formats électroniques acceptés

#### Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web 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.

## Avis

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 & white
- \* Resolution of either 300 or 400 dpi
- \* The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

### PDF Format:

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

### ASCII

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

## Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site 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:

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

### Format TIFF

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

### Format PDF

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

### ASCII

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

## 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 électroniquement par le site Web 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)

## **Notices**

- 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

### **5. General Information**

General information may be obtained by communicating with CIPO's [Client Service Centre](#).

### **16. Canadian Applications Open to Public Inspection**

The *Canadian Patent Office Record* of June 12, 2012 contains applications open to public inspection from May 20, 2012 to May 26, 2012

- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 ½ po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

### **5. Renseignements généraux**

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

### **16. Demandes canadiennes mises à la disponibilité du public**

Ce numéro de la *Gazette du bureau des brevets* contient les demandes disponibles au public pour consultation pour la période du 20 mai 2012 au 26 mai 2012

## **Avis**

# Canadian Patents Issued

June 12, 2012

## Brevets canadiens délivrés

12 juin 2012

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[11] **1,341,631**  
[13] C

[52] 195/1.22 195/1.235 195/1.32 195/1.35  
195/128.2 195/1.112 167/103.4 150/9 530/13  
[51] Int.Cl. C12N 15/16 (2006.01) C07K 14/  
575 (2006.01) C12N 15/63 (2006.01) C07K  
16/26 (2006.01) A61K 38/22 (2006.01)  
C12P 21/02 (2006.01) G01N 33/48 (2006.01)  
G01N 33/74 (2006.01)

[25] EN

[54] NUCLEIC ACID ENCODING THE  
ALPHA OR BETA CHAINS OF INHIBIN  
AND METHOD FOR SYNTHESIZING  
POLYPEPTIDES USING SUCH  
NUCLEIC ACID

[54] ACIDE NUCLEIQUE CODANT  
POUR LES CHAINES ALPHA OU BETA  
DE L'INHIBINE ET METHODE DE  
SYNTHESE DE POLYPEPTIDES PAR  
L'UTILISATION DE CET ACIDE  
NUCLEIQUE

[72] MASON, ANTHONY J., US  
[72] SEEBURG, PETER H., US

[21] **519,750**

[22] 1986-10-03

[30] US (06/783,910) 1985-10-03

[30] US (06/287,710) 1986-02-07

[30] US (906,729) 1986-09-12

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[11] **2,180,473**  
[13] C

[51] Int.Cl. C12N 15/31 (2006.01) A61K 39/  
00 (2006.01) A61K 39/106 (2006.01) A61K  
48/00 (2006.01) C07K 14/205 (2006.01)  
C07K 16/12 (2006.01) C12N 1/21 (2006.01)  
G01N 33/564 (2006.01) G01N 33/569  
(2006.01)

[25] FR

[54] CLONAGE ET  
CARACTERISATION DU GENE FLBA  
DE H.PYLORI. PRODUCTION DE  
SOUCHE AFLAGELLEES

[54] CLONING AND  
CHARACTERIZATION OF H.PYLORI  
FLBA GENE. PRODUCTION OF  
AFLAGELLATE STRAINS

[72] SUERBAUM, SEBASTIAN, DE  
[72] LABIGNE, AGNES, FR  
[73] INSTITUT PASTEUR, FR  
[73] INSTITUT NATIONAL DE LA SANTE  
ET DE LA RECHERCHE MEDICALE, FR  
[22] 1996-07-03  
[30] FR (95 08 068) 1995-07-04

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[11] **2,214,830**  
[13] C

[51] Int.Cl. C12N 15/12 (2006.01) A61K 31/  
70 (2006.01) A61K 38/00 (2006.01) A61K  
38/17 (2006.01) A61K 39/395 (2006.01)  
A61K 48/00 (2006.01) C07H 21/00  
C07K 7/08 (2006.01) C07K 14/  
435 (2006.01) C07K 14/46 (2006.01) C07K  
14/465 (2006.01) C07K 14/705 (2006.01)  
C07K 16/18 (2006.01) C07K 16/28  
(2006.01) C07K 19/00 (2006.01) G01N 33/  
53 (2006.01) G01N 33/566 (2006.01)

[25] EN

[54] NUCLEOTIDE AND PROTEIN  
SEQUENCES OF VERTEBRATE  
SERRATE GENES AND METHODS  
BASED THEREON

[54] SEQUENCES NUCLEOTIDIQUES  
ET PROTEIQUES DU GENE DENTELLE  
CHEZ LES VERTEBRES ET PROCEDES  
FONDÉS SUR CES SEQUENCES

[72] ISH-HOROWICZ, DAVID, GB  
[72] GRAY, GRACE E., US  
[72] HENRIQUE, DOMINGOS M.P., GB  
[72] ARTAVANIS-TSAKONAS,  
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[72] LEWIS, JULIAN H., GB  
[72] MANN, ROBERT S., US  
[72] MYAT, ANNA M., GB  
[73] IMPERIAL CANCER RESEARCH  
TECHNOLOGY, LTD., GB  
[73] YALE UNIVERSITY, US  
[85] 1997-09-08  
[86] 1996-03-07 (PCT/US1996/003172)  
[87] (WO1996/027610)  
[30] US (400,159) 1995-03-07

**Canadian Patents Issued**  
**June 12, 2012**

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[11] **2,218,526**  
 [13] C

[51] Int.Cl. C12N 15/60 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A01N 63/00 (2006.01) C12N 9/88 (2006.01) C12N 15/82 (2006.01) C12Q 1/527 (2006.01)  
 [25] EN  
 [54] STRUCTURE-BASED DESIGNED HERBICIDE RESISTANT PRODUCTS  
 [54] PRODUITS RESISTANT A DES HERBICIDES ELABORES A PARTIR DE STRUCTURES  
 [72] STOCKTON, GERALD W., US  
 [72] KAKEFUDA, GENICHI, US  
 [72] OTT, KARL-HEINZ, US  
 [72] KWAGH, JAE-GYU, US  
 [73] BASF AKTIENGESELLSCHAFT, DE  
 [85] 1997-10-17  
 [86] 1996-04-19 (PCT/US1996/005782)  
 [87] (WO1996/033270)  
 [30] US (08/426,125) 1995-04-20  
 [30] US (08/455,355) 1995-05-31

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[54] METHODE PERMETTANT D'INTROUDRE DU MERCURE DANS UNE LAMPE FLUORESCENTE AU MOMENT DE LA FABRICATION ET SUPPORT A REVETEMENT D'AMALGAME FACILITANT L'APPLICATION DE CETTE METHODE  
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[73] GENERAL INSTRUMENT CORPORATION, US  
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[54] PROCEDE ET DISPOSITIF DE FABRICATION DE MATERIAUX POLYMERES A RESISTANCE ELEVEE AUX CHOCS, TRANSPARENTS, SANS EFFET DE DISTORSION  
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<b>[54] VACCIN ANTIRABIQUE RECOMBINE, PREPARATION ET UTILISATION DE CE VACCIN</b>
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[73] THOMAS JEFFERSON UNIVERSITY, US
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<b>[54] PROCEDE DE PRODUCTION DE NOIR AU FOUR</b>
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<b>[54] PROMOTEUR DE L'OVOMUCOIDE ET PROCEDES D'UTILISATION</b>
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[73] THE J. DAVID GLADSTONE INSTITUTES, US
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[72] SEVE, PHILIPPE, FR
[73] AIRBUS OPERATIONS SAS, FR
[22] 2004-06-21
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<b>[54] PRODUIT D'ACIER A HAUTE RESISTANCE AVEC FORMABILITE ET PROCEDE DE FABRICATION DE L'ACIER AMELIORES</b>
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<b>[54] SYNTHESE DE COMPOSES D'INDOLE THIAZOLE EN TANT QUE LIGANDS POUR LE RECEPTEUR AH</b>
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[54] SYSTEME ET METHODE DE CONDITIONNEMENT POUR LA MESURE DU MERCURE DANS DES EMISSIONS GAZEUSES  
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 INSTRUMENT HAVING  
 MULTISTROKE FIRING WITH  
 OPENING LOCKOUT  
 [54] INSTRUMENT D'AGRAFAGE  
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 COMPRENANT UN DISPOSITIF DE  
 VERROUILLAGE EN POSITION  
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 [72] SELZA, CRISTIANA, IT  
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 [73] PRYSMIAN CAVI E SISTEMI  
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 INSTRUMENT HAVING  
 MULTISTROKE FIRING  
 INCORPORATING A TRACTION-  
 BIASED RATCHETING MECHANISM  
 [54] INSTRUMENT D'AGRAFAGE  
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 [72] MACKENZIE, DARRIN H., US  
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 [25] EN  
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 PRODUCTION BY INHIBITION OF  
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 [54] AUGMENTATION DE LA  
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[54] CODAGE VIDEO: PROCEDE D'ACCES ALEATOIRE ET DE RAFRAICHISSEMENT PROGRESSIF D'IMAGES  
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[73] NOKIA CORPORATION, FI  
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[25] EN  
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[54] ECHANTILLONAGE DE NOIRS DE CARBONE POUR LA MESURE D'UNE SURFACE PARTICULAIRE AU MOYEN D'UNE INCANDESCENCE INDUIITE PAR LASER ET COMMANDE ASSOCIEE D'UN PROCESSUS A REACTEUR  
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[73] COLUMBIAN CHEMICALS COMPANY, US  
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[54] SYSTEME ET PROCEDE DE DEVELOPPEMENT D'UNE APPLICATION VOCALE  
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[72] LAW, ENG BOON, AU  
[72] HO, KHANH THI PHUONG, AU  
[72] HUI, ALVARO KAU KAM, AU  
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[54] METHOD AND APPARATUS FOR QUANTIFYING VISUAL SHOWTHROUGH OF PRINTED IMAGES ON THE REVERSE OF PLANAR OBJECTS  
[54] PROCEDE ET APPAREIL DE QUANTIFICATION DE LA PRÉSENTATION VISUELLE D'IMAGES IMPRIMEES SUR L'ENVERS D'OBJETS PLANAIRES  
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[72] EVANS, MICHAEL H., US  
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[72] BROWNE, RICHARD WALKER, US  
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 [54] PROCEDE DE PRODUCTION D'ELECTRICITE PAR REFORMAGE A VARIATION DE TEMPERATURE ET PILE A COMBUSTIBLE A OXYDE SOLIDE  
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 [73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
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 [54] DEVICE FOR TRANSPORTING PARTICLES OF A MAGNETIC MATERIAL AND TOOL COMPRISING SUCH A DEVICE  
 [54] DISPOSITIF SERVANT A TRANSPORTER DES PARTICULES D'UN MATERIAU MAGNETIQUE ET OUTIL COMPORTANT UN TEL DISPOSITIF  
 [72] BLANGE, JAN-JETTE, NL  
 [73] SHELL CANADA LIMITED, CA  
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 [54] DEVICE FOR PRODUCING A DRINK BY INFUSION  
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[72] BOSMA, MARTIN GERARD RENE,  
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[54] COMPOSE AZO, SOLUTIONS COLORANTES AQUEUSES CONTENANT CE COMPOSE, ENCRES ET UTILISATION CORRESPONDANTE  
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[72] MATSUI, TAKAHICO, JP  
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[54] PROCEDE POUR PRODUIRE DU 1-OCTENE A PARTIR DE BUTADIENE EN PRESENCE DE CATALYSEURS AU TITANE  
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[72] WEBB, MICHAEL J., AU  
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[54] AEROGLISSEUR  
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[54] METHODES ET DISPOSITIF POUR LE TRANSFERT DES DONNEES DE L'UTILISATEUR ENTRE DEUX DIFFERENTS APPAREILS DE COMMUNICATION MOBILE AU MOYEN D'UNE CARTE A MEMOIRE AMOVIBLE  
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[54] SYSTEME DE FREINAGE A  
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[54] STRUCTURE DE  
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[54] CONNECTEUR DE  
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APPARATUS FOR OUTBOARD MOTOR  
[54] APPAREIL DE COMMANDE DE  
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[72] SHIMAMURA, HIDEAKI, JP  
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[25] EN  
[54] ARTIFICIAL FIRELOG AND FIRESTARTER CHIP PRODUCING APPARATUS AND METHOD AND PRODUCTS PRODUCED THEREFROM  
[54] APPAREIL PRODUISANT DES BUCHES ARTIFICIELLES ET DES CUBES ALLUME-FEU, PROCEDE ET PRODUITS OBTENUS DE LA SORTE  
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[54] DISPOSITIF DE GOUVERNE POUR MOTEUR HORS-BORD  
[72] HARADA, YOSHIHIRO, JP  
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[13] A1

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[54] TECHNICAL SOLUTION FOR BUILDING THE ROOF OF MONTREAL'S OLYMPIC STADIUM  
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[13] A1

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[72] MACNAB, JOHN, CA  
[71] MACNAB, JOHN, CA  
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[13] A1

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[54] SYSTEME D'ARRIMAGE ET DE STOCKAGE DE CARGAISON POUR TRAINEAU A MARCHANDISES DE MOTONEIGE  
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[54] MARCHETTE D'ENFANT STATIONNAIRE  
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[54] COMPOSITION DE SUCCEDANE DU SUCRE OPTIMISEE  
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[71] SUNSHINE VALLEY INTERNATIONAL CO., LTD., TW  
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[13] A1

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[13] A1

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[54] DETECTEUR OPTIQUE POUR DETECTER LES RAYONNEMENTS IONISANTS  
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[72] PRIEST, TIMOTHY, US  
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[54] ELEMENT CHAUFFANT A  
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[72] CALLAHAN, KEVIN, CA  
[72] SHAH, REZA H., CA  
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[25] EN  
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[72] LEPRETE, SACHA, CA  
[72] SIVETON, VINCENT, CA  
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VENT/DIRECT VENT WATER HEATER  
BACKUP POWER WHEN THE MAIN  
POWER IS OFF AND THE BACKUP  
POWER SUPPLY SYSTEM THEREOF  
[54] PROCEDE D'ALIMENTATION EN  
ENERGIE DE SECOURS POUR  
DISPOSITIFS DE VENTILATION  
ELECTRIQUES OU DE VENTILATION  
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[72] HUANG, CHUNG-CHIN, CN  
[72] HUANG, CHIN-YING, CN  
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[25] EN  
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[54] TROUSSE DE MOBILIER  
[72] BERGEVIN, LOUIS, CA  
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[51] Int.Cl. F24J 3/08 (2006.01)  
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ENERGY SYSTEM  
[54] MANIFOLD A CIRCUIT  
MULTIPLE ET METHODE POUR UN  
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[72] MCKEOWN, DAVID WAYNE, CA  
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[22] 2010-11-24  
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[25] EN  
[54] TOOTHBRUSH  
[54] BROSSE A DENTS  
[72] MARUSYK, RANDALL W., CA  
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[22] 2010-11-22  
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[13] A1

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[25] EN  
[54] METHOD FOR CALCULATING AN  
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[54] METHODE DE CALCUL D'UN  
INDICE  
[72] GORENSTEIN, RAN, IL  
[71] GORENSTEIN, RAN, IL  
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[25] EN  
[54] AIR ASSISTED SEVERANCE OF  
VISCOUS FLUID STREAM  
[54] SEPARATION D'UN  
ECOULEMENT DE FLUIDE VISQUEUX  
AVEC ASSISTANCE PNEUMATIQUE  
[72] OPHARDT, HEINER, CA  
[72] MIRBACH, ALI, DE  
[71] GOTOHTI.COM INC., CA  
[22] 2010-11-26  
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[13] A1

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[25] EN  
[54] PERMANENTLY ATTACHABLE  
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[54] CHARIOT DE GOLF POUVANT  
ETRE FIXE DE MANIERE  
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[72] ARUNAVA, DATTA, CA  
[71] ARUNAVA, DATTA, CA  
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[54] POLAR COMPONENT DETECTION  
[54] DETECTION DE COMPOSANT POLAIRE  
[72] GIVEN, RUSSELL M., CA  
[71] TRANSCANADA PIPELINES LIMITED, CA  
[22] 2010-11-24  
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[51] Int.Cl. A47B 3/10 (2006.01) A47B 3/06 (2006.01) A47B 11/00 (2006.01) A47B 13/16 (2006.01) A47B 37/04 (2006.01)  
[25] EN  
[54] PORTABLE TABLE  
[54] TABLE PORTATIVE  
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[71] UNGER, DAVID A., CA  
[22] 2010-11-26  
[41] 2012-05-26

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[13] A1

[51] Int.Cl. G10B 1/06 (2006.01) G10H 3/14 (2006.01) H04R 1/44 (2006.01)  
[25] EN  
[54] MUSICAL INSTRUMENT BASED ON WATER-HAMMER, HYDRAULOPHONIC, OR HYDRAULIDIOPHONIC PERCUSSION  
[54] INSTRUMENT DE MUSIQUE BASE SUR L'EFFET COUP-DE-BELIER, LA PERCUSSION HYDRAULOPHONIQUE OU LA PERCUSSION HYDRAULIDIOPHONIQUE  
[72] MANN, STEVE, CA  
[71] MANN, STEVE, CA  
[22] 2010-11-26  
[41] 2012-05-26

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[13] A1

[51] Int.Cl. G01N 1/40 (2006.01) G01N 1/28 (2006.01)  
[25] FR  
[54] DISPOSITIF DE DETECTION DE GAZ DANS UN FLUIDE EMANANT D'UN APPAREIL  
[54] DEVICE FOR DETECTING GAS IN A FLUID EMANATING FROM AN APPARATUS  
[72] LOUBET, FRANCOIS, FR  
[72] NOIRHOMME, BERNARD, CA  
[72] BROCHU, FERNAND, CA  
[72] GAUDON, ALAIN, FR  
[71] ALPHAMOS, FR  
[71] HYDRO-QUEBEC, CA  
[22] 2010-11-24  
[41] 2012-05-24

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[25] EN  
[54] SHOPPING BAG TRASH RACK SYSTEM  
[54] SYSTEME DE SUPPORT POUR SAC D'EMPLETTES OU SAC A DECHETS  
[72] SCHILLER, ANDREW J., US  
[71] SCHILLER, ANDREW J., US  
[22] 2010-11-24  
[41] 2012-05-24

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[13] A1

[51] Int.Cl. G06Q 50/00 (2012.01) H04W 4/00 (2009.01) H04W 4/14 (2009.01) H04W 84/00 (2009.01) A63B 24/00 (2006.01) G06F 17/40 (2006.01)  
[25] EN  
[54] SYSTEM OR METHOD FOR MONITORING AND MANAGING PHYSICAL FITNESS INFORMATION  
[54] SYSTEME OU METHODE PERMETTANT LA SURVEILLANCE ET LA GESTION D'INFORMATION DE CONDITION PHYSIQUE  
[72] FRANKLIN, MICHAEL, CA  
[71] FRANKLIN, MICHAEL, CA  
[22] 2010-11-23  
[41] 2012-05-23

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[51] Int.Cl. A61K 31/455 (2006.01) A61P 39/00 (2006.01)  
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[54] METHOD OF REDUCING SIDE EFFECTS OF NON-STEROIDAL ANTI-INFLAMMATORY DRUGS  
[54] METHODE D'ATTENUATION DES EFFETS INDESIRABLES ASSOCIES AUX ANTI-INFLAMMATOIRES NON STEROIDIENS  
[72] GARGAUN, SERGHEI GS, CA  
[71] GARGAUN, SERGHEI GS, CA  
[22] 2010-11-26  
[41] 2012-05-26

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[13] A1

[51] Int.Cl. E21B 41/00 (2006.01)  
[25] EN  
[54] GAS BOX HEATER  
[54] RECHAUFFEUR DE BOITIER A GAZ  
[72] LATIMER, DESI, CA  
[71] LATIMER, DESI, CA  
[22] 2010-11-23  
[41] 2012-05-23

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[21] 2,723,641

[13] A1

[51] Int.Cl. F25J 3/06 (2006.01)  
[25] EN  
[54] METHOD AND APPARATUS FOR COMPRESSING RICH NATURAL GAS  
[54] PROCEDE ET APPAREIL DE COMPRESSION DE GAZ NATUREL HUMIDE  
[72] LOEWEN, GREG, CA  
[72] FERNER, PETER, CA  
[72] MROCH, JEREMY, CA  
[72] FRASER, DONALD, CA  
[71] W. CLAIRE ENERGY CORPORATION, CA  
[22] 2010-11-23  
[41] 2012-05-23

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[13] A1

[51] Int.Cl. A61B 17/56 (2006.01) A61F 2/28 (2006.01)  
[25] EN  
[54] X-PLATE  
[54] PLAQUE EN X  
[72] KARAMI, MOHSEN, CA  
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[41] 2012-05-22

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[13] A1

[51] Int.Cl. E04D 13/08 (2006.01)

[25] EN

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EXTENSION FOR DOWNSPOUTS**  
**[54] RALLONGE DE CONDUITE  
SURBAISSEE POUR TUYAUX DE  
DESCENTE**

[72] McNichol, John J., US

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ADJUSTMENT AND AUTO-  
CALIBRATING SMOKE DETECTION  
FOR REDUCED RESOURCE  
MICROPROCESSORS**

**[54] REGLAGE DYNAMIQUE DE LA  
SENSIBILITE DE DISPOSITIFS  
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AUTOMATIQUE DE DETECTEURS DE  
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RELIABLE RECOVERY ON LINK AND  
SERVER FAILURES IN A DUAL LINK  
TELEPHONY SERVER  
ARCHITECTURE**

**[54] DETECTION RAPIDE ET REPRISE  
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[54] ENSEMBLE D'ACCES COMPRENANT UN OU PLUSIEURS CAPUCHONS PLIABLES
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**[54] SYSTEME ET PROCEDE DE  
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 METHOD AND AUTOCLAVE  
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**[54] DISPOSITIF DE PRISE D'EAU A  
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 [25] EN  
**[54] A METHOD OF MAKING A  
 THREE-DIMENSIONAL FIBER  
 PREFORM FOR FABRICATING AN  
 ANNULAR PART OUT OF CARBON/  
 CARBON COMPOSITE MATERIAL**  
**[54] UNE METHODE DE PRODUCTION  
 D'UNE PREFORME**  
**TRIDIMENSIONNELLE EN FIBRES  
 POUR LA FABRICATION D'UN  
 ELEMENT ANNULAIRE EN  
 MATERIAU COMPOSITE CARBONE/  
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 [72] DELECROIX, VINCENT, FR  
 [72] CHANG, KENNY, US  
 [71] MESSIER-BUGATTI, FR  
 [22] 2011-11-04  
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 [51] Int.Cl. A61M 31/00 (2006.01) A61B  
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 1/06 (2006.01)  
 [25] EN  
**[54] CARTRIDGE WITH LOCKABLE  
 FEED PLUNGER**  
**[54] CARTOUCHE AVEC PISTON  
 PLONGEUR D'ALIMENTATION  
 VERROUILLABLE**  
 [72] VOGT, SEBASTIAN, DE  
 [72] SCHNIEBER, TIM, DE  
 [71] HERAEUS MEDICAL GMBH, DE  
 [22] 2011-11-03  
 [41] 2012-05-25  
 [30] DE (10 2010 052 323.2) 2010-11-25

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 [13] A1  
 [51] Int.Cl. H02J 13/00 (2006.01)  
 [25] EN  
**[54] PROCESS AND DEVICE TO  
 DETERMINE A STRUCTURE OF AN  
 ELECTRIC DISTRIBUTION NETWORK**  
**[54] PROCEDE ET DISPOSITIF  
 PERMETTANT DE DETERMINER UNE  
 STRUCTURE D'UN RESEAU DE  
 DISTRIBUTION D'ELECTRICITE**  
 [72] ALVAREZ-HERAULT, MARIE-  
 CECILE, FR  
 [72] DESCHAMPS, PHILIPPE, FR  
 [71] SCHNEIDER ELECTRIC  
 INDUSTRIES SAS, FR  
 [22] 2011-11-01  
 [41] 2012-05-25  
 [30] FR (10 04 580) 2010-11-25

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 [51] Int.Cl. F02C 7/06 (2006.01) F01D 25/  
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 00 (2006.01)  
 [25] EN  
**[54] ADVANCED AIR AND OIL  
 CIRCUIT ARCHITECTURE FOR  
 TURBOMACHINE**  
**[54] ARCHITECTURE AVANCEE DE  
 CIRCUIT D'AIR ET D'HUILE POUR  
 TURBOMACHINE**  
 [72] RAIMARCKERS, NICOLAS, BE  
 [72] SERVAIS, BRUNO, BE  
 [72] HOUZIAUX, STEVE, FR  
 [72] RICARDOU, GEOFFROY, BE  
 [72] CORNET, ALBERT, BE  
 [71] TECHSPACE AERO S.A., BE  
 [22] 2011-11-09  
 [41] 2012-05-24  
 [30] EP (10192391.0) 2010-11-24

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 [51] Int.Cl. F02C 7/266 (2006.01) F01D 19/  
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 00 (2006.01)  
 [25] EN  
**[54] METHOD AND SYSTEM FOR  
 ENGINE IGNITION AND MONITORING**  
**[54] PROCEDE ET SYSTEME  
 D'ALLUMAGE ET DE REGULATION  
 DE MOTEUR**  
 [72] STEFFLER, JOSEPH BERNARD, US  
 [71] GE AVIATION SYSTEMS LLC, US  
 [22] 2011-11-10  
 [41] 2012-05-22  
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[51] Int.Cl. G08G 5/00 (2006.01) B64D 47/00 (2006.01) G05D 1/02 (2006.01)  
[25] EN  
[54] METHOD AND SYSTEM FOR HOLD PATH COMPUTATION TO MEET REQUIRED HOLD DEPARTURE TIME  
[54] PROCEDE ET SYSTEME DE CALCUL DE TRAJECTOIRE D'ATTENTE VISANT A SE CONFORMER A UNE HEURE DE DEPART REPOUSSEE  
[72] KLOOSTER, JOEL KENNETH, US  
[72] HOCHWARTH, JOACHIM KARL ULF, US  
[71] GE AVIATION SYSTEMS LLC, US  
[22] 2011-11-10  
[41] 2012-05-22  
[30] US (12/951,303) 2010-11-22

[21] **2,757,785**

[13] A1

[51] Int.Cl. B66F 17/00 (2006.01) A61G 7/10 (2006.01) B66F 9/075 (2006.01) G01G 19/14 (2006.01) G01G 19/52 (2006.01)  
[25] EN  
[54] LIFTING DEVICE WITH DISTRIBUTED-SENSING SCALE  
[54] DISPOSITIF DE LEVAGE AVEC BASCULE A DETECTION REPARTIE  
[72] PHILIPS, MICHAEL, GB  
[72] ALLGEIER, THOMAS, GB  
[71] FLINTEC UK LIMITED, GB  
[22] 2011-11-14  
[41] 2012-05-23  
[30] GB (GB1019778.8) 2010-11-23

[21] **2,757,793**

[13] A1

[51] Int.Cl. B60K 37/04 (2006.01) G06F 1/16 (2006.01) G06F 3/041 (2006.01)  
[25] EN  
[54] SYSTEM AND METHOD FOR IMPROVING TOUCH SCREEN DISPLAY USE UNDER VIBRATION AND TURBULENCE  
[54] SYSTEME ET METHODE PERMETTANT D'AMELIORER L'UTILISATION D'AFFICHAGE D'ECRAN TACTILE SOUS L'EFFET DE VIBRATION ET DE TURBULENCE  
[72] GANNON, AARON JAMES, US  
[71] GE AVIATION SYSTEMS LLC, US  
[22] 2011-11-10  
[41] 2012-05-23  
[30] US (12/952,846) 2010-11-23

[21] **2,757,799**

[13] A1

[51] Int.Cl. G01D 4/02 (2006.01) G06Q 10/06 (2012.01) G06F 17/40 (2006.01) G08C 19/00 (2006.01) H02J 13/00 (2006.01) H04L 12/58 (2006.01)  
[25] EN  
[54] DATA COLLECTION FROM UTILITY METERS OVER ADVANCED METERING INFRASTRUCTURE  
[54] COLLECTE DE DONNEES DE COMPTEURS DE SERVICES PUBLICS SUR UNE INFRASTRUCTURE DE COMPTAGE EVOLUEE  
[72] KOLIWAD, AJAY HANUMANTRAO, US  
[72] VAN OLST, TERRY LEE, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2011-11-10  
[41] 2012-05-23  
[30] US (12/952,490) 2010-11-23

[21] **2,757,890**

[13] A1

[51] Int.Cl. F25D 23/00 (2006.01) A47B 88/08 (2006.01) F24C 15/18 (2006.01) F25D 25/00 (2006.01)  
[25] EN  
[54] CONSUMER APPLIANCE DRAWER WITH IMPROVED ANT-RACKING SYSTEM  
[54] TIROIR D'ELECTROMENAGER A SYSTEME ANTI-GAUCHISSEMENT AMELIORE  
[72] LOGANATHAN, MANIVANNAN, US  
[72] RAWSON, JAMES BRYAN, US  
[72] CHELLAPPAN, BAGAWATHKUMAR, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2011-11-10  
[41] 2012-05-22  
[30] US (12/951,297) 2010-11-22

[21] **2,757,983**

[13] A1

[51] Int.Cl. B61B 9/00 (2006.01)  
[25] EN  
[54] SYSTEM FOR CONVEYING PERSONS AND METHOD FOR OPERATING THE SYSTEM  
[54] SYSTEME DE FUNICULAIRE ET METHODE D'EXPLOITATION CONNEXE  
[72] CZALOUN, JOHANN, IT  
[71] INNOVA PATENT GMBH, AT  
[22] 2011-11-14  
[41] 2012-05-22  
[30] AT (A 1931/2010) 2010-11-22

[21] **2,757,985**

[13] A1

[51] Int.Cl. B61B 9/00 (2006.01)  
[25] EN  
[54] SYSTEM FOR CONVEYING PERSONS  
[54] SYSTEME DE FUNICULAIRE  
[72] HEINZLE, FLORIAN, AT  
[72] WILHELM, PETER, AT  
[71] INNOVA PATENT GMBH, AT  
[22] 2011-11-14  
[41] 2012-05-22  
[30] AT (A 1930/2010) 2010-11-22

[21] **2,758,088**

[13] A1

[51] Int.Cl. G01L 1/20 (2006.01) G01B 7/16 (2006.01)  
[25] EN  
[54] NON-CONTACT STRESS MEASURING DEVICE  
[54] DISPOSITIF DE MESURE DE CONTRAINTE SANS CONTACT  
[72] DOOLEY, KEVIN ALLAN, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[22] 2011-11-08  
[41] 2012-05-24  
[30] US (12/952,490) 2010-11-23

[21] **2,758,123**

[13] A1

[51] Int.Cl. H02P 1/04 (2006.01) F01D 19/00 (2006.01) F02C 7/26 (2006.01) H02P 1/18 (2006.01)  
[25] EN  
[54] DC MOTOR ASSEMBLY WITH SOFT STARTING CAPABILITY  
[54] ENSEMBLE DE MOTEUR A COURANT CONTINU AVEC CAPACITE DE DEMARRAGE SOUPLE  
[72] DOOLEY, KEVIN ALLAN, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[22] 2011-11-08  
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**May 20, 2012 to May 26, 2012**

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[25] FR  
[54] NOUVEAU MATERIAU CARBONE POREUX MONOLITHIQUE MODIFIE AU SOUFRE, SON PROCEDE DE PREPARATION ET SES UTILISATIONS POUR LE STOCKAGE ET LA RESTITUTION D'ENERGIE  
[54] NEW MODIFIED MONOLITHIC POROUS CARBON MATERIAL MODIFIED BY SULPHUR, METHOD OF PREPARATION AND USES FOR STORAGE AND ENERGY RECOVERY  
[72] SONNTAG, PHILIPPE, FR  
[72] DIEUDONNE, MARIE, FR  
[72] AYME-PERROT, DAVID, FR  
[72] PASQUIER, ANNE-CAROLINE, FR  
[71] HUTCHINSON, FR  
[22] 2011-11-14  
[41] 2012-05-23  
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[25] EN  
[54] DEVICE FOR AUTOMATIC ELIMINATION OF FIBERS ON THE IMPELLER OF A MIXER IN WASTEWATER TREATMENT PROCESS  
[54] DISPOSITIF D'ELIMINATION AUTOMATIQUE DE FIBRES SUR LA ROUE D'UN MELANGEUR DANS UN PROCEDE DE TRAITEMENT DES EAUX USEES  
[72] LEFEBVRE, DIDIER, FR  
[72] POULLEAU, GAEL, FR  
[72] GODDE, ANTOINE, CN  
[71] MILTON ROY MIXING, FR  
[22] 2011-11-17  
[41] 2012-05-25  
[30] EP (10306296.4) 2010-11-25

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[13] A1

[51] Int.Cl. G01M 15/14 (2006.01) B64D 45/00 (2006.01) F01D 25/18 (2006.01) F01M 11/10 (2006.01) F02C 7/06 (2006.01)  
[25] EN  
[54] METHOD FOR MONITORING THE OIL SYSTEM OF A TURBOMACHINE  
[54] METHODE DE SURVEILLANCE DU SYSTEME D'HUILE D'UNE TURBOMACHINE  
[72] RAIMARCKERS, NICOLAS, BE  
[72] CHARLIER, JACQUES, BE  
[72] CORNET, ALBERT, BE  
[72] STRENGNART, MARC, BE  
[71] TECHSPACE AERO S.A., BE  
[22] 2011-11-15  
[41] 2012-05-24  
[30] EP (10192394.4) 2010-11-24

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[13] A1

[51] Int.Cl. B25B 13/46 (2006.01) F16H 29/00 (2006.01)  
[25] EN  
[54] ONE-WAY RATCHET WHEEL ELEMENT  
[54] ELEMENT DE ROUE A ROCHET A SENS UNIQUE  
[72] CHEN, CHENG-KUN, CN  
[71] CHEN, CHENG-KUN, CN  
[22] 2011-11-16  
[41] 2012-05-25  
[30] TW (099140868) 2010-11-25

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[21] **2,758,470**

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[51] Int.Cl. B25C 1/08 (2006.01) B27F 7/09 (2006.01)  
[25] EN  
[54] FASTENER DRIVING TOOL  
[54] OUTIL POUR ENFONCER DES FIXATIONS  
[72] SCHIESTL, ULRICH, AT  
[72] ROTH, PETER, CH  
[71] HILTI AKTIENGESELLSCHAFT, LI  
[22] 2011-11-15  
[41] 2012-05-25  
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[13] A1

[51] Int.Cl. B25C 1/08 (2006.01) B27F 7/09 (2006.01)  
[25] EN  
[54] FASTENER DRIVING TOOL  
[54] OUTIL SERVANT A ENFONCER DES ATTACHES  
[72] DITTRICH, TILO, AT  
[72] TILLE, DIERK, AT  
[72] HEEB, NORBERT, CH  
[71] HILTI AKTIENGESELLSCHAFT, LI  
[22] 2011-11-15  
[41] 2012-05-25  
[30] DE (102010061947.7) 2010-11-25

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[21] **2,758,480**

[13] A1

[51] Int.Cl. B25C 1/08 (2006.01) B27F 7/09 (2006.01)  
[25] EN  
[54] FASTENER DRIVING TOOL  
[54] OUTIL SERVANT A ENFONCER DES ATTACHES  
[72] BEAUV AIS, SIMON, AT  
[72] HEEB, NORBERT, CH  
[72] DITTRICH, TILO, AT  
[71] HILTI AKTIENGESELLSCHAFT, LI  
[22] 2011-11-15  
[41] 2012-05-25  
[30] DE (102010061973.6) 2010-11-25

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[13] A1

[51] Int.Cl. B25C 1/08 (2006.01) B27F 7/09 (2006.01)  
[25] EN  
[54] FASTENER DRIVING TOOL  
[54] OUTIL SERVANT A ENFONCER DES ATTACHES  
[72] BEAUV AIS, SIMON, AT  
[72] HEEB, NORBERT, CH  
[72] DITTRICH, TILO, AT  
[72] STAUSS, PETER, AT  
[71] HILTI AKTIENGESELLSCHAFT, LI  
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[25] EN  
[54] FASTENER DRIVING TOOL  
[54] OUTIL SERVANT A ENFONCER  
DES ATTACHES  
[72] HEEB, NORBERT, CH  
[72] DITTRICH, TILO, AT  
[72] SPERRFECHTER, THOMAS, CH  
[72] STAUSS, PETER, AT  
[71] HILTI AKTIENGESELLSCHAFT, LI  
[22] 2011-11-15  
[41] 2012-05-25  
[30] DE (102010061942.6) 2010-11-25

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[13] A1

[51] Int.Cl. G03G 9/08 (2006.01) C08J 3/16  
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[25] EN  
[54] TONER COMPOSITIONS AND  
DEVELOPERS CONTAINING SUCH  
TONERS  
[54] COMPOSITIONS DE TONER ET  
REVELATEURS CONTENANT CES  
TONERS  
[72] CORLETO, ROBERT A., US  
[72] ASARESE, DANIEL W., US  
[72] KMIECIK-LAWRYNOWICZ,  
GRAZYNA E., US  
[72] SWEENEY, MAURA A., US  
[72] KUMAR, SAMIR, US  
[72] MORALES-TIRADO, JUAN A., US  
[72] ZONA, MICHAEL F., US  
[71] XEROX CORPORATION, US  
[22] 2011-11-17  
[41] 2012-05-24  
[30] US (12/954,332) 2010-11-24

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[13] A1

[51] Int.Cl. G03G 9/08 (2006.01) C08J 3/16  
(2006.01) C09D 11/10 (2006.01) G03G 9/  
093 (2006.01)  
[25] EN  
[54] NON-MAGNETIC SINGLE  
COMPONENT EMULSION/  
AGGREGATION TONER  
COMPOSITION  
[54] COMPOSITION DE TONER A  
AGREGATION/EMULSION A UNIQUE  
COMPOSANT NON MAGNETIQUE  
[72] SWEENEY, MAURA A., US  
[72] KUMAR, SAMIR, US  
[72] ASARESE, DANIEL W., US  
[72] MORALES-TIRADO, JUAN A., US  
[72] KMIECIK-LAWRYNOWICZ,  
GRAZYNA E., US  
[72] ZONA, MICHAEL F., US  
[71] XEROX CORPORATION, US  
[22] 2011-11-17  
[41] 2012-05-24  
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[13] A1

[51] Int.Cl. G01C 23/00 (2006.01) B64D 43/  
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[25] EN  
[54] COMBINED STAND-BY  
INSTRUMENT AND METHOD FOR  
CALIBRATING THE COMBINED  
STAND-BY INSTRUMENT  
[54] INSTRUMENT DE SECOURS  
COMBINE ET METHODE  
D'ETALONNAGE DE L'INSTRUMENT  
DE SECOURS COMBINE  
[72] JAULAIN, YVES, FR  
[72] GERTHOFFERT, DAMIEN, FR  
[72] COLLIAU, FLORENT, FR  
[71] THALES, FR  
[22] 2011-11-22  
[41] 2012-05-23  
[30] FR (10 04558) 2010-11-23

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[21] 2,758,676

[13] A1

[51] Int.Cl. B63H 21/165 (2006.01) B63B  
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B63H 5/125 (2006.01) B63H 5/20 (2006.01)  
B63H 20/08 (2006.01) B63H 23/26 (2006.01)  
B63H 25/42 (2006.01)  
[25] EN  
[54] IMPROVED BARGE PUSHER  
[54] POUSSEUR DE BARGE-  
AMELIORE  
[72] EMCH, JEFFREY J., US  
[71] MID-AMERICA FOUNDATION  
SUPPLY INC., US  
[22] 2011-11-21  
[41] 2012-05-24  
[30] US (12/953,773) 2010-11-24

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[21] 2,758,681

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[51] Int.Cl. H04B 3/54 (2006.01) H02J 3/04  
(2006.01) H04L 12/66 (2006.01) H04L 29/  
06 (2006.01)  
[25] EN  
[54] SYSTEM AND METHOD FOR  
COMMUNICATING OVER POWER  
LINES  
[54] SYSTEME ET PROCEDE DE  
COMMUNICATION SUR LIGNES  
D'ALIMENTATION  
[72] LONG, YAN, CA  
[72] SOBOTKA, PETER, CA  
[72] SHI, XIAO MING, CA  
[71] CORINEX COMMUNICATIONS  
CORPORATION, CA  
[22] 2011-11-22  
[41] 2012-05-23  
[30] US (61/416,454) 2010-11-23

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May 20, 2012 to May 26, 2012

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[13] A1

[51] Int.Cl. G05B 19/02 (2006.01) G05B 19/418 (2006.01)  
[25] EN  
[54] PLANT CONTROL SYSTEM, DATA TO BE EQUALIZED SELECTION APPARATUS, AND DATA TO BE EQUALIZED SELECTION METHOD  
[54] SYSTEME DE CONTROLE D'INSTALLATION, DONNEES A EGALISER, DISPOSITIF DE SELECTION ET PROCEDE DE SELECTION DES DONNEES A EGALISER  
[72] OTSUKA, YUSAKU, JP  
[72] SHIMIZU, KATSUHITO, JP  
[72] SASAKI, WATARU, JP  
[72] WATANABE, YU, JP  
[72] MATSUZAKI, TOMOKAZU, JP  
[71] HITACHI, LTD., JP  
[22] 2011-11-21  
[41] 2012-05-22  
[30] JP (2010-259825) 2010-11-22

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**[21] 2,758,683**

[13] A1

[51] Int.Cl. G01R 21/00 (2006.01)  
[25] EN  
[54] SYSTEM AND METHOD FOR CONTROLLING A CONNECTION OF A METER TO A POWER LINE  
[54] SYSTEME ET PROCEDE DE CONTROLE DU BRANCHEMENT D'UN COMPTEUR A UNE LIGNE ELECTRIQUE  
[72] SOBOTKA, PETER, CA  
[72] LONG, YAN, CA  
[72] SHI, XIAO MING, CA  
[71] CORINEX COMMUNICATIONS CORPORATION, CA  
[22] 2011-11-22  
[41] 2012-05-23  
[30] US (61/416,454) 2010-11-23

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**[21] 2,758,685**

[13] A1

[51] Int.Cl. A01B 1/02 (2006.01) E01H 5/02 (2006.01)  
[25] EN  
[54] HAND SHOVEL  
[54] PELLE A MAIN  
[72] MITCHELL, RAYMOND L., CA  
[71] MITCHELL, RAYMOND L., CA  
[22] 2011-11-22  
[41] 2012-05-26  
[30] US (61/458,502) 2010-11-26  
[30] US (61/480,392) 2011-04-29

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**[21] 2,758,701**

[13] A1

[51] Int.Cl. B65H 75/16 (2006.01) A47G 29/00 (2006.01) B65D 67/00 (2006.01) B65D 83/00 (2006.01)  
[25] EN  
[54] ALL-IN-ONE HAND HELD WRAP MATERIAL DISPENSING AND STORAGE APPARATUS  
[54] APPAREIL DE DISTRIBUTION ET DE STOCKAGE TOUT-EN-UN A MAIN POUR MATERIAU D'EMBALLAGE  
[72] ELASH, SANDRA CORRINE, CA  
[72] ELASH, HENRY MATTHEW, CA  
[71] ELASH, SANDRA CORRINE, CA  
[71] ELASH, HENRY MATTHEW, CA  
[22] 2011-11-18  
[41] 2012-05-21  
[30] US (61/415,853) 2010-11-21

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**[21] 2,758,707**

[13] A1

[51] Int.Cl. F28F 13/00 (2006.01) F28D 1/04 (2006.01) F28F 99/00 (2006.01)  
[25] EN  
[54] HEAT EXCHANGER WITH INNER FLUID TO ACTUATE THE EXTERNAL FLUID PUMP  
[54] ECHANGEUR DE CHALEUR AVEC FLUIDE INTERIEUR POUR ACTIVER UNE POMPE A FLUIDE EXTERNE  
[72] YANG, TAI-HER, TW  
[71] YANG, TAI-HER, TW  
[22] 2011-11-18  
[41] 2012-05-24  
[30] US (12/953,521) 2010-11-24

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**[21] 2,758,725**

[13] A1

[51] Int.Cl. G01R 21/00 (2006.01) G08C 19/00 (2006.01)  
[25] EN  
[54] SYSTEM AND METHOD FOR PROVIDING POWER TO A POWER METER CONNECTED TO A POWER LINE  
[54] SYSTEME ET PROCEDE POUR ALIMENTER EN ENERGIE UN COMPTEUR D'ELECTRICITE BRANCHE A UNE LIGNE ELECTRIQUE  
[72] SOBOTKA, PETER, CA  
[72] SHI, XIAO MING, CA  
[72] LONG, YAN, CA  
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[54] PROCEDE ET APPAREIL CONCUS POUR REGULER LE SYSTEME D'ENTRAINEMENT D'EQUIPEMENTS MOBILES TELS QU'UN ENGIN DE CONSTRUCTION MOBILE ET/OU UNE ABATTEUSE MOBILE  
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[72] NIELSEN, KAJ SKOV, US  
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[72] TREMBATH, BRADLEY, US  
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[72] DATTNER, YONATHAN, CA  
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[54] DISPOSITIF DE REGULATION DU PAS DES PALES DANS UNE INSTALLATION D'EOLIENNE ET METHODE DE REGULATION DU PAS DES PALES  
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[72] DUDNICHENKO, BORIS ANATOLIEVICH, UA  
[72] KARASEVICH, ALEKSANDR MIROSLAVOVICH, RU  
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CHANNEL INFORMATION BASED ON  
LINK ADAPTATION IN WIRELESS  
LOCAL AREA NETWORK AND THE  
APPARATUS FOR THE SAME  
[54] METHODE DE PRODUCTION DE  
RAPPORTS SUR LES CANAUX BASEE  
SUR UNE ADAPTATION DU LIEN DANS  
UN RESEAU LOCAL SANS FIL ET  
DISPOSITIF CONNEXE  
[72] SOHN, ILL SOO, KR  
[72] KANG, BYEONG WOO, KR  
[72] LEE, DAE WON, KR  
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[72] SONG, KYOUNG YOUNG, KR  
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[72] SANE, PAPA BIRAME, FR  
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[54] FINELY DIVIDED STARCH-  
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THEREOF AS SIZING AGENT IN  
PAPER MANUFACTURING  
[54] DISPERSIONS POLYMERES A  
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L'AMIDON, LEUR PROCEDE DE  
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[54] POLYPEPTIDES AYANT UNE ACTIVITE CELLULOLYTIQUE AMPLIFIEE ET POLYNUCLEOTIDES CODANT POUR CEUX-CI  
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[72] WU, WENPING, CN  
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[54] COMPOSITION COMPRENANT DU SOLANUM GLAUCOPHYLLUM DESTINEE A LA PREVENTION ET/OU AU TRAITEMENT DE L'HYPOCALCEMIE ET A LA STABILISATION DES NIVEAUX DE CALCIUM DANS LE SANG  
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[71] CELLGYM TECHNOLOGIES GMBH, DE  
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[54] PROCEDE POUR DETECTER DES POLYMORPHISMES DE NUCLEOTIDES SIMPLES  
[72] ARTS, ERIC J., US  
[72] LALONDE, MATTHEW S., US  
[71] CASE WESTERN RESERVE UNIVERSITY, US  
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[71] RESPICARDIA, INC., US  
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[54] PROCEDES ET COMPOSITIONS DE DISSUASION D'ABUS  
[72] HALL YUNG, RACHELLE L., US  
[72] BRZECZKO, ALBERT W., US  
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[30] US (61/247,225) 2009-09-30  
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[54] SYSTEME ANTI-PINCEMENT VEHICULAIRE FONCTIONNANT PAR TEMPS DE PLUIE  
[72] PRIBISIC, MIRKO, CA  
[71] MAGNA CLOSURES INC., CA  
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[54] FERMENTIVE PRODUCTION OF ISOBUTANOL USING HIGHLY EFFECTIVE KETOL-ACID REDUCTOISOMERASE ENZYMES  
[54] PRODUCTION FERMENTATIVE D'ISOBUTANOL A L'AIDE DE CETO-ACIDE REDUCTO-ISOMERASES A EFFICACITE ELEVEE  
[72] NAGARAJAN, VASANTHA, US  
[72] PAUL, BRIAN JAMES, US  
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[72] YE, RICK W., US  
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[54] CONFIGURATION DE TUBE DE DETENTE ET DE RESERVOIR DE DETENTE POUR REDUCTION DE LA PRESSION  
[72] PLIKAS , ATANASIS, CA  
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[54] SYSTEME DE TRAITEMENT D'EAU A L'OZONE SANS CUVE DE RETENTION  
[72] NAMESPETRA, JUSTIN L., CA  
[72] HENGSPERGER, STEVE L., CA  
[71] ADVANTAGE ENGINEERING INC., CA  
[85] 2012-03-29  
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[54] PROCEDE ET SYSTEME DE GESTION DE DONNEES MULTINIVEAU POUR SURVEILLANCE DE DONNEES A HAUTE PERFORMANCE  
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[72] RUSHWORTH, THOMAS BRYAN, CA  
[71] INETCO SYSTEMS LIMITED, CA  
[85] 2012-03-29  
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[54] SYSTEMES ET PROCEDES D'ANALYSE DE DONNEES DE GRAPHE SOCIAL POUR DETERMINER UNE CONNECTIVITE DANS UNE COMMUNAUTE  
[72] CHAN, LEO M., CA  
[72] CHRAPKO, EVAN V., CA  
[71] CHAN, LEO M., CA  
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[85] 2012-03-29  
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[54] SYSTEME DE MAT D'ANTENNE ET APPAREIL DE MONTAGE  
[72] KOLOKOTRONIS, DIMITRIS, GR  
[71] FASMETRICS LIMITED, GR  
[85] 2012-03-29  
[86] 2010-07-05 (PCT/EP2010/059560)  
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[30] GB (0917705.6) 2009-10-09  
[30] EP (10386003.7) 2010-01-29

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[25] EN  
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[72] ZANUTTI, CEDRIC, BE  
[72] WOLF, ANDREAS, CH  
[71] BOMBARDIER TRANSPORTATION GMBH, DE  
[85] 2012-03-29  
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[30] DE (10 2009 043 488.7) 2009-09-30

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[13] A1

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[25] EN  
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[72] COLE, KIM, CA  
[71] COLE, KIM, CA  
[85] 2012-03-29  
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[25] EN  
[54] METHOD FOR THE PREPARATION OF A CRYSTALLINE FORM OF 1-CHLORO-4-(BETA-D-GLUCOPYRANOS-1-YL)-2-(4-(S)-TETRAHYDROFURAN-3-YLOXY)BENZYL)BENZENE  
[54] PROCEDE DE PREPARATION D'UNE FORME CRISTALLINE DE 1-CHLORO-4-(?-D-GLUCOPYRANOS-1-YL)-2-[4-(S)-TETRAHYDROFURAN-3-YLOXY)-BENZYL]-BENZENE  
[72] WEBER, DIRK, DE  
[72] ORLICH, SIMONE, DE  
[72] RENNER, SVENJA, DE  
[72] FIEDLER, TOBIAS, DE  
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
[85] 2012-03-29  
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[87] 2011-04-07 (WO2011/039107)  
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[25] EN  
[54] PROCESSES FOR PREPARING OF GLUCOPYRANOSYL-SUBSTITUTED BENZYL-BENZENE DERIVATIVES  
[54] PROCEDES DE PREPARATION DE DERIVES DE BENZYL-BENZENE SUBSTITUES PAR UN GLUCOPYRANOSYLE  
[72] POST, MATTHIAS, DE  
[72] RENNER, SVENJA, DE  
[72] ORLICH, SIMONE, DE  
[72] WANG, XIAO-JUN, US  
[72] FILSER, CHRISTIAN, DE  
[72] WIRTH, THOMAS, DE  
[72] FIEDLER, TOBIAS, DE  
[72] HAMM, RAINER, DE  
[72] WEBER, DIRK, DE  
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[87] 2011-04-07 (WO2011/039108)  
[30] US (61/247,144) 2009-09-30

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[25] EN  
[54] PRESSURE FUSELAGE OF AN AIRCRAFT WITH DOME-SHAPED PRESSURE BULKHEAD  
[54] FUSELAGE PRESSURISE D'AVION, COMPORTANT UNE CALOTTE DE PRESSION SITUEE DU COTE ARRIERE  
[72] BECKMANN, MARTIN, DE  
[72] SAYILGAN, CIHANGIR, DE  
[71] AIRBUS OPERATIONS GMBH, DE  
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 [54] PLATE MADE OF A THERMOPLASTIC MATERIAL HAVING IMPROVED OPTICAL PROPERTIES, METHOD FOR MANUFACTURING SUCH A PLATE, AND USE THEREOF  
 [72] SCHMIDT-MORGENROT, EDOUARD, FR  
 [72] KLINGER, YVES, FR  
 [72] MEYER, THIERRY, FR  
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[54] TRANSITION METAL COMPLEX, PREPARATION METHOD FOR SAID TRANSITION METAL COMPLEX, TRIMERIZATION CATALYST, PREPARATION METHOD FOR 1-HEXENE, PREPARATION METHOD FOR ETHYLENE POLYMER, SUBSTITUTED CYCLOPENTADIENE COMPOUND, AND PREPARATION METHOD FOR SAID SUBSTITUTED CYCLOPENTADIENE COMPOUND

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[72] OK, MYUNG AHN, KR  
[72] CHUNG, KWANG JIN, KR  
[72] JEONG, JI SU, KR  
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[54] APPAREIL ET PROCEDES POUR LA TOMOGRAPHIE PAR COHERENCE OPTIQUE ET LA MICROSCOPIE CONFOCALE  
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[54] TRANCHEUR OPTIQUE DESTINE A AMELIORER LA RESOLUTION SPECTRALE D'UN SPECTROGRAPHE A DISPERSION  
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[72] MEADE, JEFFREY T., CA  
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[71] TORNADO MEDICAL SYSTEMS, INC., CA  
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[72] JACCARD, ALAIN, CH  
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[85] 2012-03-30  
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[25] EN  
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ESTER-TERMINATED  
POLYESTERAMIDE COMPOSITION  
AND USES THEREOF  
[54] COMPOSITION A BASE DE  
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[72] SHAH, ARVIND N., US  
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DE TURBOMACHINE  
[54] DEVICE FOR CENTRING AND  
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[71] SNECMA, FR  
[85] 2012-03-30  
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[54] CIRCUIT FOR SUPPLYING FUEL  
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[25] FR  
[54] PROCEDE DE FIXATION D'UNE PIECE RAPPORTEE SUR UN VITRAGE OU UN CORDON PROFILE, DISPOSITIF DE FIXATION POUR LA FIXATION DE LA PIECE ET VITRAGE OBTENU PAR LE PROCEDE  
[54] METHOD FOR FIXING AN ADDITIONAL PART TO A GLAZING OR A PROFILED RIM, FIXING DEVICE FOR FIXING SAID PART, AND GLAZING OBTAINED BY SAID METHOD  
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[72] VERRAT, ADELE, FR  
[71] SAINT-GOBAIN GLASS FRANCE, FR  
[85] 2012-03-30  
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[85] 2012-03-30  
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[72] LERNER, LAURA, US  
[72] RAINES, GODFREY JONAH ANDERSON, US  
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[54] PROCEDE DE PRODUCTION DE PROTEINES DANS PICHIA PASTORIS EXEMPTES D'ACTIVITE DETECTABLE DE LIAISON CROISEE A DES ANTICORPS DIRIGES CONTRE DES ANTIGENES DE CELLULE HOTE  
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[72] LI, HUIJUAN, US  
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[54] PROCEDE DE PRODUCTION DE CORPS PARTICULAIRE HYDROSOLUBLE ENROBE  
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[25] EN  
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[54] PROCEDE DE PREPARATION DE SITAGLIPTINE ET INTERMEDIAIRES UTILISES DANS CELUI-CI  
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[72] KIM, NAM DU, KR  
[72] KIM, DONG JUN, KR  
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[71] SOLAE, LLC, US  
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[25] EN  
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[54] PROCEDE DE DIAGNOSTIC DU SYNDROME DU COLON IRRITABLE  
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[72] RAJILIC-STOJANOVIC, MIRJANA, RS  
[71] AAK PATENT B.V., NL  
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[54] POMPE, SYSTEME ET METHODE D'ASSISTANCE CARDIAQUE  
[72] FORSELL, PETER, CH  
[71] MILUX HOLDING SA, CH  
[85] 2012-04-02  
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[54] DISPOSITIF, SYSTEME ET METHODE D'ASSISTANCE CARDIAQUE  
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[71] MILUX HOLDING SA, CH  
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[30] SE (0802139-6) 2008-10-10  
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[54] APPAREIL DE TRAITEMENT DE L'OBESITE  
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[54] COMPOSITIONS D'HUILE  
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CRITICAL POWER SYSTEMS  
[54] PORTAIL D'ANALYSE EN TEMPS  
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[54] DISPOSITIF, SYSTEME ET  
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[71] MILUX HOLDING SA, CH  
[85] 2012-04-02  
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PETIVERIA ALLIACEA,  
PHARMACEUTICAL COMPOSITION  
CONTAINING SAME, AND  
COMBINATION WITH  
IMMUNOSTIMULANTS FOR  
TREATING CANCER  
[54] FRACTION BIOACTIVE DE  
PETIVERIA ALLIACEA,  
COMPOSITION PHARMACEUTIQUE  
CONTENANT CETTE DERNIERE ET  
COMBINAISON AVEC DES AGENTS  
IMMUNOSTIMULANTS POUR LE  
TRAITEMENT DU CANCER  
[72] FIORENTINO GOMEZ, SUSANA, CO  
[72] CIFUENTES BARRETO, MARIA  
CLAUDIA, CO  
[72] SANTANDER GONZALEZ, SANDRA  
PAOLA, CO  
[72] HERNANDEZ MONTANO, JOHN  
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[54] PROCEDE ET APPAREIL  
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[71] MILUX HOLDING SA, CH  
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[54] PROCEDE, SYSTEME ET DISPOSITIF D'ASSISTANCE CARDIAQUE  
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[71] MILUX HOLDING SA, CH  
[85] 2012-04-02  
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[30] US (61/202,380) 2009-02-24  
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[54] VALVE ARTIFICIELLE AMELIOREE  
[72] FORSELL, PETER, CH  
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[54] MOYEN DE FIXATION POUR ENSEMBLE DE SURVEILLANCE MEDICALE IMPLANTABLE  
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[71] MILUX HOLDING SA, CH  
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[54] COMPOSITIONS MOUSSANTES DEPOURVUES D'AGENT TENSIOACTIF ET D'EAU ET MOUSSES CASSABLES ET LEURS UTILISATIONS  
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[54] DISPOSITIF IMPLANTABLE POUR CONTROLE URINAIRE INTERNE  
[72] FORSELL, PETER, CH  
[71] MILUX HOLDING SA, LU  
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[25] EN  
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[54] COMPOSITIONS DE TETRACYCLINE A USAGE TOPIQUE  
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[72] TAMARKIN, DOV, IL  
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[72] BANDA, JOEL, JR., US  
[72] WOJCIK, STEVEN JAMES, US  
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[72] ROMEO, ALESSANDRO, IT  
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[54] APPAREIL POUR TRAITER L'OBESITE  
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[71] MILUX HOLDING SA, CH  
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[30] SE (0802138-8) 2008-10-10  
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[72] JOHNSON, DOUGLAS SCOTT, US  
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[54] COMPOSITIONS, GELS ET MOUSSES COMPRENANT DES MODULATEURS DE RHEOLOGIE ET LEURS UTILISATIONS  
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[72] PAPIASHVILI, IRAKLIY, IL  
[72] HAZOT, YOHAN, IL  
[72] SCHUZ, DAVID, IL  
[72] GAZAL, ELANA, IL  
[71] FOAMIX LTD., IL  
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[25] EN  
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[54] APPAREIL ET PROCEDE PERMETTANT DE CARACTERISER LE SANG ET LES ERYTHROCYTES GRACE A UNE EVALUATION QUANTITATIVE DE LA FRAGILITE DE LA MEMBRANE ERYTHROCYTAIRE  
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[72] ALFANO, KENNETH, US  
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[54] APPAREIL DE SCIE DE PUISSANCE AVEC COLLECTEUR DE POUSSIÈRE INTEGRÉ  
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[71] JPL GLOBAL, LLC, US  
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[72] Langley, William J., US  
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[54] DISPOSITIF DE DOSAGE, INSTALLATION DE TRANSPORT A ECOULEMENT DENSE ET PROCEDE D'ALIMENTATION EN MATERIAU PULVERULENT EN VRAC  
[72] EICHORN, CHRISTIAN, DE  
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[71] ILLINOIS TOOL WORKS INC., US  
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[54] SYSTEME DE REFROIDISSEMENT POUR SYSTEMES DE PILES A COMBUSTIBLE, PROCEDE DE REFROIDISSEMENT DE SYSTEMES DE PILES A COMBUSTIBLE, ET SYSTEME DE PILES A COMBUSTIBLE CORRESPONDANT  
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[71] AIRBUS OPERATIONS GMBH, DE  
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[54] INDICATEUR D'INTENSITE SOUPLE ET INCASSABLE POUR DISJONCTEURS A BOITIER MOULE  
[72] FLEEGE, DENNIS W., US  
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[72] YANG, ZUYIN, US  
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[72] STEFANI, JOSEPH P., US  
[71] CHEVRON U.S.A. INC., US  
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[72] NEUKIRCH, WERNER, DE  
[71] ARDAGH MP GROUP NETHERLANDS B.V., NL  
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[72] BELL, LAURENCE D., US  
[71] GLOBAL FRESH FOODS, US  
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[72] BOUVERET, NICOLAS, CA  
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[54] SEMELLE D'USURE POUR CHAUSSURES ET CHAUSSURES DOTEES DE TELLES SEMELLES D'USURE  
[72] HANSEN, CHRISTIAN THAGAARD, DE  
[72] ISEMPI, MARIO, CH  
[71] HANSEN, CHRISTIAN THAGAARD, DE  
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[54] SYSTEME DE PLAFOND AVEC STRUCTURE PORTEUSE INTEGREE POUR EQUIPEMENT  
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[72] CURSETJEE, ZAREER, US  
[72] BAUGH, DAVID, US  
[71] HUNTAIR, INC., US  
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[72] DIENSTHUBER, FRANZ, DE  
[71] CONTINENTAL REIFEN DEUTSCHLAND GMBH, DE  
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[72] DELUCIA, FRANK, US  
[72] DESRANLEAU, CHRISTOPHER DENIS, CA  
[72] THEMIG, DANIEL JON, CA  
[71] PACKERS PLUS ENERGY SERVICES INC., CA  
[85] 2012-04-02  
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[54] PROCEDE POUR PREPARER UNE BOISSON A PARTIR D'UNE BOISSON EN POUDRE ET APPAREIL POUR METTRE EN "UVRE LE PROCEDE  
[72] NIEDERREITER, GERHARD, CH  
[72] CLAUDE, JOHANNA, CH  
[72] MARABI, ALEJANDRO, CH  
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[71] NESTEC S.A., CH  
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[54] COMPOSITION FONGICIDE SYNERGIQUE CONTENANT DE LA 5-FLUOROCYTOSINE POUR LUTTER CONTRE LES CHAMPIGNONS DES CEREALES  
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[72] LORSBACH, BETH, US  
[72] YAO, CHENGLIN, US  
[72] OWEN, W. JOHN, US  
[71] DOW AGROSCIENCES LLC, US  
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[54] IMMUNOCONJUGUES COMPRENANT DES PEPTIDES ISSUS DE POXVIRUS ET DES ANTICORPS DIRIGES CONTRE DES CELLULES PRESENTATRICES D'UN ANTIGENE POUR DES VACCINS CONTRE LES POXVIRUS A BASE DESOUS-UNITE  
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[72] MAKABI-PANZU, BOBY, US  
[72] GOLDENBERG, DAVID M., US  
[71] CENTER FOR MOLECULAR MEDICINE AND IMMUNOLOGY, US  
[85] 2012-04-03  
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[54] DISPOSITIF DE RETENUE DE BOUCHON ET PROCEDE POUR TRAITEMENT DE FLUIDE DE PUITS DE FORAGE  
[72] FEHR, JAMES, CA  
[72] THEMIG, DANIEL JON, CA  
[72] KENYON, MICHAEL, CA  
[71] PACKERS PLUS ENERGY SERVICES INC., CA  
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[72] CANNEY, JAMES, GB  
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[71] ACO SEVERIN AHLMANN GMBH & CO. KG, DE  
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[72] AVKIN-NACHUM, SHARON, IL  
[71] QUARK PHARMACEUTICALS, INC., US  
[85] 2012-04-03  
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[25] EN  
[54] PROCESS FOR THE PREPARATION OF A POWDER COMPRISING ONE OR MORE COMPLEXING AGENT SALTS  
[54] PROCEDE DE FABRICATION D'UNE POUDRE CONTENANT UN OU PLUSIEURS SELS COMPLEXANTS  
[72] MENGE, ULRICH, DE  
[72] SCHOENHERR, MICHAEL, DE  
[72] HEIDENFELDER, THOMAS, DE  
[72] MRZENA, FRANK, DE  
[71] BASF SE, DE  
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[72] HANSEN, CRAIG N., US  
[72] CROSS, PAUL C., US  
[71] HANSEN, CRAIG N., US  
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 [72] FREED, DENISE, US  
 [72] HABASHY, TAREK M., US  
 [72] VENKATARAMANAN, LALITHA, US  
 [71] SCHLUMBERGER CANADA LIMITED, CA  
 [85] 2012-04-03  
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 [72] GROOT, WILLEM JACOB, NL  
 [72] VAN BREUGEL, JAN, NL  
 [71] PURAC BIOCHEM BV, NL  
 [85] 2012-04-03  
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 [87] 2011-04-21 (WO2011/045365)  
 [30] EP (09172984.8) 2009-10-14

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 [25] EN  
**[54] METHOD AND REACTOR FOR PROCESSING BULK MATERIAL CONTAINING LI**  
**[54] PROCEDE ET REACTEUR POUR LE TRAITEMENT DE MATIERES EN VRAC RENFERMANT DU LI**  
 [72] JAEGER, HUBERT, DE  
 [72] DAIMER, JOHANN, DE  
 [71] SGL CARBON SE, DE  
 [85] 2012-04-03  
 [86] 2010-10-15 (PCT/EP2010/065572)  
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 [30] DE (10 2009 049 423.5) 2009-10-14

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**[54] ELARGISSEUR A SECTION D'ALESAGE HYBRIDE**  
 [72] PESSION, RUDOLF C., US  
 [72] BUSKE, ROBERT J., US  
 [71] BAKER HUGHES INCORPORATED, US  
 [85] 2012-04-03  
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 [30] US (12/574,560) 2009-10-06

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 [72] VOGEL, RUDOLF, DE  
 [72] STUBENRAUCH, KAY-GUNNAR, DE  
 [72] WESSELS, UWE, DE  
 [72] KOWALEWSKY, FRANK, DE  
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 [30] EP (09013144.2) 2009-10-19

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[13] A1

[51] Int.Cl. G06F 19/00 (2011.01)  
 [25] EN  
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**[54] SYSTEME ET PROCEDE DE FOURNITURE DE PEDIGREE AGRICOLE POUR PRODUITS AGRICOLES A TRAVERS LA PRODUCTION ET DISTRIBUTION, ET LEUR UTILISATION POUR COMMUNICATION, PRISE DE DECISION EN TEMPS REEL, MODELISATION PREDICTIVE, PARTAGE DE RISQUES ET AGRICULTURE DURABLE**  
 [72] KLAVINS, MARIS, US  
 [71] BAYER CROPSCIENCE LP, US  
 [85] 2012-04-03  
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 [30] US (61/389,851) 2010-10-05

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[51] Int.Cl. E21B 47/04 (2012.01) G01F 23/284 (2006.01)  
 [25] EN  
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**[54] SYSTEME ET PROCEDE PERMETTANT DE DETECTER UN NIVEAU DE LIQUIDE**  
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 [72] WEBB, CHARLES H., US  
 [72] RUBBO, RICHARD P., US  
 [72] ANDERSON, DAVID KING, II, US  
 [72] GONZALEZ, MANUEL E., US  
 [72] SMITHSON, MITCHELL CARL, US  
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 [71] CHEVRON U.S.A. INC., US  
 [85] 2012-04-03  
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 [87] 2011-04-14 (WO2011/044023)  
 [30] US (12/573,434) 2009-10-05

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[25] EN  
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[54] PROCEDES DE PREVENTION OU DE TRAITEMENT DE L'INSUFFISANCE CARDIAQUE  
[72] DAI, DAO-FU, US  
[72] RABINOVITCH, PETER S., US  
[72] SZETO, HAZEL H., US  
[71] UNIVERSITY OF WASHINGTON, US  
[71] CORNELL UNIVERSITY, US  
[85] 2012-04-03  
[86] 2010-10-04 (PCT/US2010/051329)  
[87] 2011-04-14 (WO2011/044044)  
[30] US (61/248,681) 2009-10-05  
[30] US (61/289,483) 2009-12-23

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[13] A1

[51] Int.Cl. A01K 67/027 (2006.01) A61K 49/00 (2006.01)  
[25] EN  
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[54] SOURIS GENETIQUEMENT MODIFIEES ET GREFFE  
[72] STEVENS, SEAN, US  
[72] MURPHY, ANDREW J., US  
[72] FLAVELL, RICHARD, US  
[72] GALAN, JORGE, US  
[72] EYNON, ELIZABETH, US  
[72] RONGVAUX, ANTHONY, US  
[72] WILLINGER, TIM, US  
[72] MANZ, MARKUS, CH  
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[71] INSTITUTE FOR RESEARCH IN BIOMEDICINE, CH  
[71] YALE UNIVERSITY, US  
[85] 2012-04-03  
[86] 2010-10-04 (PCT/US2010/051339)  
[87] 2011-04-14 (WO2011/044050)  
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[30] US (61/256,237) 2009-10-29  
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[51] Int.Cl. G06Q 40/00 (2012.01) G06F 3/048 (2006.01)  
[25] EN  
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[54] INTERFACE UTILISATEUR PERMETTANT DE DEFINIR DES COMBINAISONS DE DIMENSIONS DE COMPTES  
[72] MULLENBERG, KAREN D., US  
[72] LANNOYE, DAVID J., US  
[72] HONEYMAN, KEVIN M., US  
[72] FRANDSEN, WILLIAM L., US  
[72] GILSON, CRYSTAL, US  
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[71] MICROSOFT CORPORATION, US  
[85] 2012-04-03  
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[30] US (12/613,912) 2009-11-06

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[13] A1

[51] Int.Cl. G01N 33/48 (2006.01)  
[25] EN  
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[54] COMPOSITIONS ET METHODES DE DIAGNOSTIC DE MALADIES ET DE TROUBLES ASSOCIES AU GENOME  
[72] HAKONARSON, HAKON, US  
[72] WANG, KAI, US  
[72] WEI, ZHI, US  
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US  
[71] NEW JERSEY INSTITUTE OF TECHNOLOGY, US  
[85] 2012-04-03  
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[30] US (61/249,711) 2009-10-08

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[13] A1

[51] Int.Cl. G01V 1/16 (2006.01) G01V 1/26 (2006.01)  
[25] EN  
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[54] ENSEMBLE CAPTEUR COMPORANT UN CAPTEUR SISMIQUE ET UN CAPTEUR DE DIVERGENCE  
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[72] EDME, PASCAL, GB  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2012-04-03  
[86] 2010-10-04 (PCT/US2010/051368)  
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[30] US (12/573,301) 2009-10-05

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[13] A1

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[25] EN  
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[54] TRIAZINE CONTENANT DES ELASTOMERES DE FLUOROPOLYETHER PRESENTANT DE FAIBLES TEMPERATURES DE TRANSITION VITREEUSE, COMPOSITIONS LES CONTENANT ET LEURS PROCEDES DE PRODUCTION  
[72] CORVELEYN, STEVEN G., BE  
[72] DAMS, RUDOLF J., BE  
[72] GROOTAERT, WERNER M. A., US  
[72] GUERRA, MIGUEL A., US  
[72] DAHLKE, GREGG D., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2012-04-03  
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[30] GB (0917450.9) 2009-10-06

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[13] A1

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[54] SYSTEME D'INTERFACE D'APPAREIL  
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[85] 2012-04-03  
[86] 2010-10-08 (PCT/US2010/051933)  
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[30] US (61/250,042) 2009-10-09  
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[13] A1

[51] Int.Cl. A61N 1/08 (2006.01) A61B 5/0488 (2006.01) A61B 18/02 (2006.01) A61B 18/14 (2006.01) A61N 1/36 (2006.01)  
[25] EN  
[54] METHOD AND SYSTEM FOR PREVENTING NERVE INJURY DURING A MEDICAL PROCEDURE  
[54] PROCEDE ET SYSTEME POUR EMPECHER DES LESIONS DES NERFS AU COURS D'UN ACTE MEDICAL  
[72] WITTENBERGER, DAN, CA  
[72] COULOMBE, NICOLAS, CA  
[71] MEDTRONIC CRYOCATH LP, CA  
[85] 2012-04-03  
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[30] US (12/604,882) 2009-10-23

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[13] A1

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[25] EN  
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[54] TREPANS DE FORAGE ET PROCEDES DE FORAGE DE TROUS DE FORAGE DEVIE  
[72] PAFITIS, DEMOSTHENIS, FR  
[72] SIHLER, JOACHIM, GB  
[72] PABON, JAHIR, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2012-04-03  
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[30] US (12/556,111) 2009-09-09

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[13] A1

[51] Int.Cl. A61M 1/36 (2006.01) C12N 5/078 (2010.01) A61K 38/19 (2006.01) A61K 38/20 (2006.01)  
[25] EN  
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[54] DISPOSITIFS, SYSTEMES ET PROCEDES POUR LA MODIFICATION DE CELLULES  
[72] KELLUM, JOHN ALSTON, US  
[72] FEDERSPIEL, WILLIAM J., US  
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[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATIO, US  
[85] 2012-04-03  
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[25] EN  
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- [25] EN
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- [85] 2012-04-03
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- [87] 2011-04-14 (WO2011/043940)
- [30] US (12/576,688) 2009-10-09

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- [25] EN
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- [54] PROCEDE DE SEPARATION ET DE RECUPERATION D'HYDROCARBURES A PARTIR DE DEBLAIS DE FORAGE
- [72] KAPILA, MUKESH, US
- [72] NEWMAN, PAUL, CA
- [72] MARKANOVIC, ZORAN, CA
- [71] M-I L.L.C., US
- [85] 2012-04-03
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- [25] EN
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- [54] MODE DE FAIBLE CONSOMMATION D'ENERGIE AUTOMATIQUE POUR OUTILS DE COMBUSTION
- [72] FORD, JEFFRY C., US
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- [71] ILLINOIS TOOL WORKS INC., US
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- [25] EN
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- [54] INSTALLATION DE DOSAGE, INSTALLATION DE TRANSPORT A ECOULEMENT DENSE ET PROCEDE D'ALIMENTATION EN MATERIAU PULVERULENT EN VRAC
- [72] KRETSCHMER, HORST, DE
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- [72] KLEEBERG, JOERG, DE
- [72] RUEGER, DIETMAR, DE
- [72] EICHHORN, CHRISTIAN, DE
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- [30] DE (10 2009 048.931.2) 2009-10-10

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- [54] GENERATEUR D'IMPULSION FLUIDIQUE
- [72] BRUNSKILL, DOUGLAS JAMES, CA
- [72] STANDEN, ROBERT, CA
- [71] BAKER HUGHES INCORPORATED, US
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- [54] ELARGISSEUR A SECTION D'ALESAGE HYBRIDE
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- [72] BUSKE, ROBERT J., US
- [71] BAKER HUGHES INCORPORATED, US
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- [86] 2010-09-30 (PCT/US2010/051014)
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[13] A1

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[25] EN  
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[54] ELARGISSEUR A SECTION D'ALESAGE HYBRIDE  
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[87] 2011-04-14 (WO2011/043986)  
[30] US (12/574,542) 2009-10-06

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[13] A1

[51] Int.Cl. E21B 10/28 (2006.01)  
[25] EN  
[54] HOLE OPENER WITH HYBRID REAMING SECTION  
[54] ELARGISSEUR A SECTION D'ALESAGE HYBRIDE  
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[87] 2011-04-14 (WO2011/043987)  
[30] US (12/574,549) 2009-10-06

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[13] A1

[51] Int.Cl. A61B 1/32 (2006.01)  
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[30] US (12/572,734) 2009-10-02

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[51] Int.Cl. F21S 8/00 (2006.01)  
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[54] SYSTEME D'ECLAIRAGE DE CHEMIN DE SORTIE DE SECOURS ET PROCEDES  
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[72] ANDERSON, JERRY T., US  
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[85] 2011-06-10  
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[25] EN  
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[54] COUTELLERIE ET VAISSELLE PLASTIQUES A ELEMENTS INTERCHANGEABLES  
[72] HOU, XINGUAN, CN  
[72] HE, WEI, CN  
[72] GODLEY, WILLIAM C., US  
[71] CHINA DIRECT INTERNATIONAL, INC., US  
[85] 2012-04-02  
[86] 2010-10-04 (PCT/US2010/051312)  
[87] 2011-04-07 (WO2011/041778)  
[30] US (61/247,999) 2009-10-02  
[30] US (12/882,841) 2010-09-15

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[13] A1

[51] Int.Cl. C08F 293/00 (2006.01) C08L 53/00 (2006.01) C09D 153/00 (2006.01)  
[25] EN  
[54] AB DIBLOCK COPOLYMERS AND APPLICATIONS FOR THEIR USE  
[54] COPOLYMERES BISEQUENCES AB ET APPLICATIONS POUR LEUR UTILISATION  
[72] HERIOT, SASHA, GB  
[72] BAQUEY, GAELLE, FR  
[72] MANGUIAN, MAGGY, GB  
[72] BIGGS, SIMON, GB  
[71] CHAMELIC LTD, GB  
[85] 2012-04-03  
[86] 2009-10-05 (PCT/GB2009/002374)  
[87] 2010-04-08 (WO2010/038046)  
[30] GB (0819484.7) 2008-10-03  
[30] GB (0818051.5) 2008-10-24  
[30] GB (0819484.7) 2008-10-24

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[13] A1

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[25] EN  
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[54] SOURCE DE LUMIERE  
[72] PRESTON, BARRY, GB  
[71] CERAVISION LIMITED, GB  
[85] 2012-04-03  
[86] 2010-10-18 (PCT/GB2010/001922)  
[87] 2011-04-28 (WO2011/048359)  
[30] GB (0918515.8) 2009-10-21

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[13] A1

[51] Int.Cl. A61B 17/00 (2006.01) A61B 19/00 (2006.01) H01Q 9/30 (2006.01)  
[25] EN  
[54] TRANSDERMAL ANTENNA  
[54] ANTENNE TRANSDERMIQUE  
[72] MINTZ, YOAV, IL  
[72] LIVNEH, NOAM, IL  
[72] BAR-BRACHA, VERED, IL  
[72] BRACHA, ARIK, IL  
[71] MICRON E.M.E. LTD., IL  
[71] HADASIT MEDICAL RESEARCH SERVICES & DEVELOPMENT LTD., IL  
[85] 2012-04-03  
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[87] 2011-04-07 (WO2011/039752)  
[30] US (61/248,421) 2009-10-03

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[13] A1

[51] Int.Cl. F24F 9/00 (2006.01)  
[25] EN  
[54] AIR CURTAIN DEVICE AND METHOD FOR REALIZING A HORIZONTAL AIR CURTAIN WITH ADDITIONAL AIRFLOW  
[54] DISPOSITIF DE RIDEAU D'AIR ET PROCEDE POUR GENERER UN RIDEAU D'AIR HORIZONTAL ET UN FLUX D'AIR SUPPLEMENTAIRE  
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[71] BIDDLE B.V., NL  
[85] 2012-04-03  
[86] 2010-10-11 (PCT/NL2010/050669)  
[87] 2011-04-14 (WO2011/043669)  
[30] NL (2003616) 2009-10-09

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[13] A1

[51] Int.Cl. A01G 23/08 (2006.01)  
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[54] ALIGNEMENT DE POMPES HYDRAULIQUES A DETECTION DE CHARGE  
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[72] BREUTZMAN, MARK E., US  
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[51] Int.Cl. C12M 3/00 (2006.01)  
[25] EN  
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[54] BIOREACTEUR A MULTIPLES COURANTS DE FLUIDE A MICRO-ECHELLE POUR LA CULTURE DE CELLULES  
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[72] CHAREST, JOSEPH L., US  
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[54] METHODE DE DIAGNOSTIC D'UNE CIRRHOSE BILIAIRE PRIMITIVE AU MOYEN DE NOUVEAUX AUTO-ANTIGENES  
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[72] LIM, MARK J., US  
[72] OSTENDORFF, HEATHER P., US  
[72] ROTHSCHILD, KENNETH J., US  
[71] MASSACHUSETTS GENERAL HOSPITAL, US  
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[71] CARGILL, INCORPORATED, US  
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[72] KUMARAVEL, GNANASAMBANDAM, US  
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[72] ERLANSON, DANIEL, US  
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[72] VAN VLOTEN, KURT, US  
[72] SUN, LIHONG, US  
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[54] APPARATUS AND METHOD FOR PROVIDING HARQ FEEDBACK IN A MULTI-CARRIER WIRELESS COMMUNICATION SYSTEM  
[54] APPAREIL ET PROCEDE DESTINES A FOURNIR UNE RETROACTION HARQ DANS UN SYSTEME DE COMMUNICATION SANS FIL MULTIPORTEUSE  
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[71] QUALCOMM INCORPORATED, US  
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[54] DISPOSITIFS, SYSTEMES ET PROCEDES POUR LE TRAITEMENT DE TROUBLES ET DE D'AFFECTIONS NEUROLOGIQUES  
[72] COVALIN, ALEJANDRO, US  
[72] COOK, IAN A., US  
[72] DEGIORGIO, CHRISTOPHER M., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
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[54] EXTRACRANIAL IMPLANTABLE DEVICES, SYSTEMS AND METHODS FOR THE TREATMENT OF NEUROLOGICAL DISORDERS  
[54] DISPOSITIFS IMPLANTABLES EXTRACRANIENS, SYSTEMES ET PROCEDES POUR LE TRAITEMENT DE TROUBLES NEUROLOGIQUES  
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[72] EKCHIAN, LEON, US  
[72] DEGIORGIO, CHRISTOPHER M., US  
[71] NEUROSIGMA, INC., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
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[54] DISPOSITIFS, SYSTEMES ET PROCEDES POUR LE TRAITEMENT DE TROUBLES NEUROPSYCHIATRIQUES  
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[72] MILLER, PATRICK R., US  
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[72] COVALIN, ALEJANDRO, US  
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## **PCT Applications Entering the National Phase**

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[54] PROCEDE DE FABRICATION DE SCYLLO-INOSITOL PURIFIE DANS UN PH ALCALIN  
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[72] KANBE, KENJI, JP  
[72] YAMAGUCHI, MASANORI, JP  
[72] TOMODA, AKIHIRO, JP  
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[25] EN  
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[54] METHODE D'UTILISATION DE DICETOPIPERAZINES ET COMPOSITION CONTENANT CES SUBSTANCES  
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[54] MOLECULES DE LIAISON POUVANT NEUTRALISER LE VIRUS DE LA RAGE ET UTILISATION  
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[72] BAKKER, ALEXANDER BERTHOLD HENDRIK, NL  
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[72] DE KRUIF, CORNELIS ADRIAAN, NL  
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[41] 2005-12-15  
[62] 2,568,162  
[30] EP (PCT/EP2004/050943) 2004-05-27  
[30] US (60/575,023) 2004-05-27  
[30] EP (PCT/EP2004/051661) 2004-07-29  
[30] EP (PCT/EP2004/052286) 2004-09-23  
[30] EP (PCT/EP2004/052772) 2004-11-03  
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[25] EN  
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[54] DISPOSITIF ET METHODE DE COMPRESSION RCR  
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[72] KATZ, BOB, US  
[72] JENSEN, JAMES O., US  
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[72] REUTER, DAVID, US  
[72] ALFERNESS, CLIF, US  
[72] BEGET, GARRETT, US  
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[54] ANALYSE MULTIPLEXEE POUR L'ETABLISSEMENT D'UN SERODIAGNOSTIC D'UNE INFECTION VIRALE  
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[72] BASILE, ALISON JANE, US  
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[25] EN  
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[22] 2001-11-20  
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[62] 2,406,692  
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[25] EN  
[54] EXPANDABLE COVERED STENT WITH WIDE RANGE OF WRINKLE-FREE DEPLOYED DIAMETERS  
[54] ENDOPROTHESE EXPANSIBLE RECOUVERTE AYANT UN LARGE EVENTAIL DE DIAMETRES DEPLOYES SANS PLIS  
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[54] CIRCUIT D'ATTAQUE POUR FEU DE VEHICULE A DEL  
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[71] OSRAM SYLVANIA INC., US  
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[54] DATA RECORDER  
[54] DISPOSITIF D'ENREGISTREMENT DE DONNEES  
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[72] HAMADA, TOSHIYA, JP  
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[25] EN  
[54] METHOD AND APPARATUS FOR MANAGING DISC DEFECT AND DISC THEREFOR  
[54] PROCEDE ET DISPOSITIF SERVANT A GERER UN DEFAUT DE DISQUE ET DISQUE CORRESPONDANT  
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[54] MOLECULES DE LIAISON POUVANT NEUTRALISER LE VIRUS DE LA RAGE ET UTILISATION  
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[30] EP (PCT/EP2004/051661) 2004-07-29  
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[54] BEC CUEILLEUR DE RECOLTE A DISQUES ROTATIFS AVEC VIS SANS FIN  
[72] SNIDER, GEOFFREY U., CA  
[72] BARNETT, NEIL GORDON, CA  
[71] MACDON INDUSTRIES LIMITED, CA  
[22] 2010-06-17  
[41] 2011-01-08  
[62] 2,706,707  
[30] US (61/223,967) 2009-07-08

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[21] 2,775,937  
[13] A1

[51] Int.Cl. A61H 31/00 (2006.01)  
[25] EN  
[54] MODULAR CPR ASSIST DEVICE  
[54] DISPOSITIF D'AIDE A LA REANIMATION CARDIO-RESPIRATOIRE  
[72] MOLLENAUER, KENNETH H., US  
[72] SHERMAN, DARREN R., US  
[71] ZOLL CIRCULATION, INC., US  
[22] 1999-05-17  
[41] 1999-12-09  
[62] 2,588,503  
[30] US (09/087,299) 1998-05-29

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[21] 2,775,960  
[13] A1

[51] Int.Cl. G11B 27/10 (2006.01) G11B 20/10 (2006.01)  
[25] EN  
[54] DATA RECORDER  
[54] DISPOSITIF D'ENREGISTREMENT DE DONNEES  
[72] HAMADA, TOSHIYA, JP  
[72] KATO, MOTOKI, JP  
[71] SONY CORPORATION, JP  
[22] 2001-11-20  
[41] 2002-09-26  
[62] 2,406,692  
[30] JP (2001-065074) 2001-03-08

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[21] 2,776,040  
[13] A1

[51] Int.Cl. C08L 29/10 (2006.01) C08J 3/24 (2006.01) C08K 3/36 (2006.01) C08L 27/18 (2006.01)  
[25] EN  
[54] HIGH PURITY PERFLUOROELASTOMER COMPOSITES AND A PROCESS TO PRODUCE THE SAME  
[54] COMPOSITES DE PERFLUOROELASTOMERE D'UNE GRANDE PURETE ET PROCEDE DE PRODUCTION DE CES COMPOSITES  
[72] XU, PING, US  
[72] HEGENBARTH, JACK, US  
[71] GORE ENTERPRISE HOLDINGS, INC., US  
[22] 2006-05-01  
[41] 2006-11-30  
[62] 2,608,562  
[30] US (11/136,744) 2005-05-25

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[21] 2,776,051  
[13] A1

[51] Int.Cl. A61K 39/42 (2006.01) A61P 31/14 (2006.01)  
[25] EN  
[54] BINDING MOLECULES CAPABLE OF NEUTRALIZING RABIES VIRUS AND USES THEREOF  
[54] MOLECULES DE LIAISON POUVANT NEUTRALISER LE VIRUS DE LA RAGE ET UTILISATION  
[72] MARISSEN, WILLEM EGBERT, NL  
[72] BAKKER, ALEXANDER BERTHOLD HENDRIK, NL  
[72] KRAMER, ROBERT ARJEN, NL  
[72] DE KRUIF, CORNELIS ADRIAAN, NL  
[71] CRUCELL HOLLAND B.V., NL  
[22] 2005-05-26  
[41] 2005-12-15  
[62] 2,568,162  
[30] EP (PCT/EP2004/050943) 2004-05-27  
[30] US (60/575,023) 2004-05-27  
[30] EP (PCT/EP2004/051661) 2004-07-29  
[30] EP (PCT/EP2004/052286) 2004-09-23  
[30] EP (PCT/EP2004/052772) 2004-11-03  
[30] EP (PCT/EP2005/050310) 2005-01-25  
[30] EP (PCT/EP2005/050953) 2005-03-03

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[21] 2,776,055  
[13] A1

[51] Int.Cl. G11B 23/36 (2006.01) G11B 20/10 (2006.01) G11B 27/10 (2006.01)  
[25] EN  
[54] DATA RECORDER  
[54] DISPOSITIF D'ENREGISTREMENT DE DONNEES  
[72] HAMADA, TOSHIYA, JP  
[72] KATO, MOTOKI, JP  
[71] SONY CORPORATION, JP  
[22] 2001-11-20  
[41] 2002-09-26  
[62] 2,406,692  
[30] JP (2001-065074) 2001-03-08

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[21] 2,776,316  
[13] A1

[51] Int.Cl. F01D 25/24 (2006.01) F02C 7/20 (2006.01)  
[25] EN  
[54] TURBOFAN CASE AND METHOD OF MAKING  
[54] ENVELOPPE DE REACTEUR A DOUBLE FLUX ET PROCEDE DE FABRICATION  
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[72] LOBO, KEVIN, CA  
[72] WEINBERG, MAURICE, CA  
[72] LIU, QUANTAL, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[22] 2004-07-19  
[41] 2005-02-10  
[62] 2,533,425  
[30] US (10/628,556) 2003-07-29  
[30] US (10/883,987) 2004-07-06

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[21] 2,776,317  
[13] A1

[51] Int.Cl. F01D 25/24 (2006.01) F01D 25/16 (2006.01) F02C 7/20 (2006.01)  
[25] EN  
[54] TURBOFAN CASE AND METHOD OF MAKING  
[54] ENVELOPPE DE REACTEUR A DOUBLE FLUX ET PROCEDE DE FABRICATION  
[72] LOBO, KEVIN, CA  
[72] LIU, QUANTAL, CA  
[72] ELEFTHERIOU, ANDREAS, CA  
[72] WEINBERG, MAURICE, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[22] 2004-07-19  
[41] 2005-02-10  
[62] 2,533,425  
[30] US (10/628,556) 2003-07-29  
[30] US (10/883,987) 2004-07-06

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

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[21] **2,776,318**

[13] A1

[51] Int.Cl. F01D 25/24 (2006.01) F02C 7/  
**20 (2006.01)**

[25] EN

[54] TURBOFAN CASE AND METHOD  
OF MAKING

[54] ENVELOPPE DE REACTEUR A  
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FABRICATION

[72] LIU, QUANTAL, CA

[72] WEINBERG, MAURICE, CA

[72] LOBO, KEVIN, CA

[72] ELEFTHERIOU, ANDREAS, CA

[71] PRATT & WHITNEY CANADA  
CORP., CA

[22] 2004-07-19

[41] 2005-02-10

[62] 2,533,425

[30] US (10/628,556) 2003-07-29

[30] US (10/883,987) 2004-07-06

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SINGH, RAWAT AJAY KUMAR	2,512,198	TAN, SHIYONG	2,682,979	TRILLIANT NETWORKS, INC.	2,473,765
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SNECMA	2,462,978	THE COLEMAN COMPANY, INC.	2,741,720	UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6)	2,700,143
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		OKONIEWSKI, GREGORY	2,751,996		
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SIEMENS AKTIENGESELLSCHAFT	2,759,447	TYCO HEALTHCARE GROUP LP	2,749,453		
SIEMENS AKTIENGESELLSCHAFT	2,759,499	TYCO HEALTHCARE GROUP LP	2,751,105		
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SINOVEL WIND GROUP CO., LTD.	2,759,307	TYCO HEALTHCARE GROUP LP	2,751,990		
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SKYREADER MEDIA INC.	2,759,324	TYCO HEALTHCARE GROUP LP	2,751,996		
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SOBOTKA, PETER	2,758,683	TYCO HEALTHCARE GROUP LP	2,756,546		
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