WIPO's Role in Fostering Innovation

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Access to Information and Knowledge Division
Global Infrastructure Sector

Dar es Salaam
March 13, 2013

Content

- Technology Innovation Support Centers (TISCs) and Main Project Components
- PATENTSCOPE Platform
- ARDI and ASPI
- TISC Electronic Resources
- TISC Capacity Building Activities in the African Region

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The Patent System

- Encourages innovation and consequently economic growth by:
  - rewarding investments made in developing a new invention → protection
  - publishing and making known technical information of a new invention → disclosure

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Patents: A unique source of information

- About two-thirds of the technical information revealed in patents is never published elsewhere
- Over 80 million patent documents have been published to date (over 2 million new patent applications published in 2011)
- Important elements of patents include legal, technical, business and policy aspects

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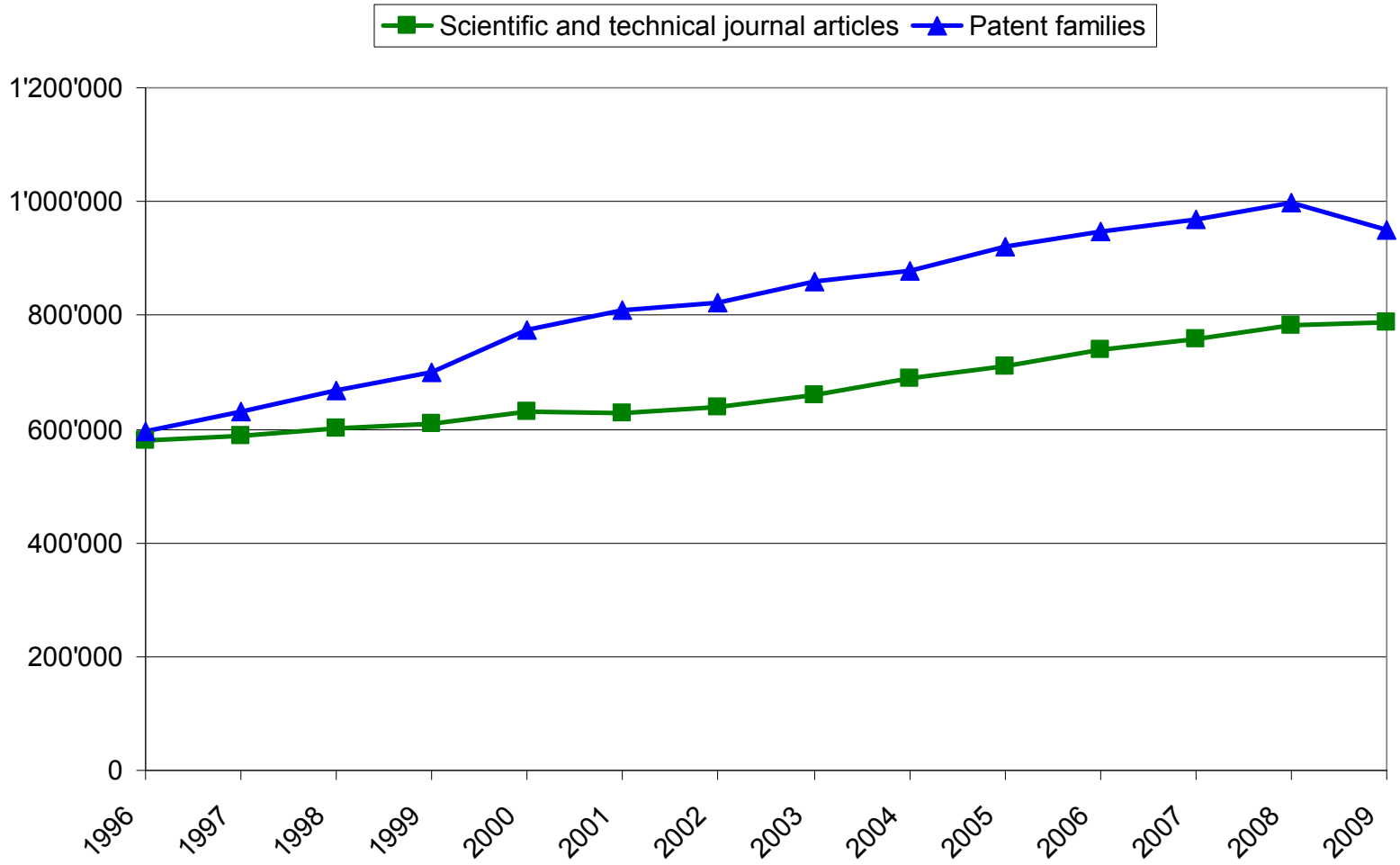
New technical information worldwide



Source: WIPO Statistical Database (patent families);
World Bank, World Development Indicators (journals)

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Concept

- WIPO Development Agenda Recommendation 8

  "…facilitat[e] the national offices of developing countries, especially LDCs, as well as their regional and sub-regional intellectual property organizations to access specialized databases…"

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Project Objectives

- Reinforce the capacity of developing countries to participate in the global knowledge economy
- Support researchers in creating and developing new solutions to technical challenges faced on a local and global level
- Foster the development of effective and sustainable technology and innovation support services in developing countries

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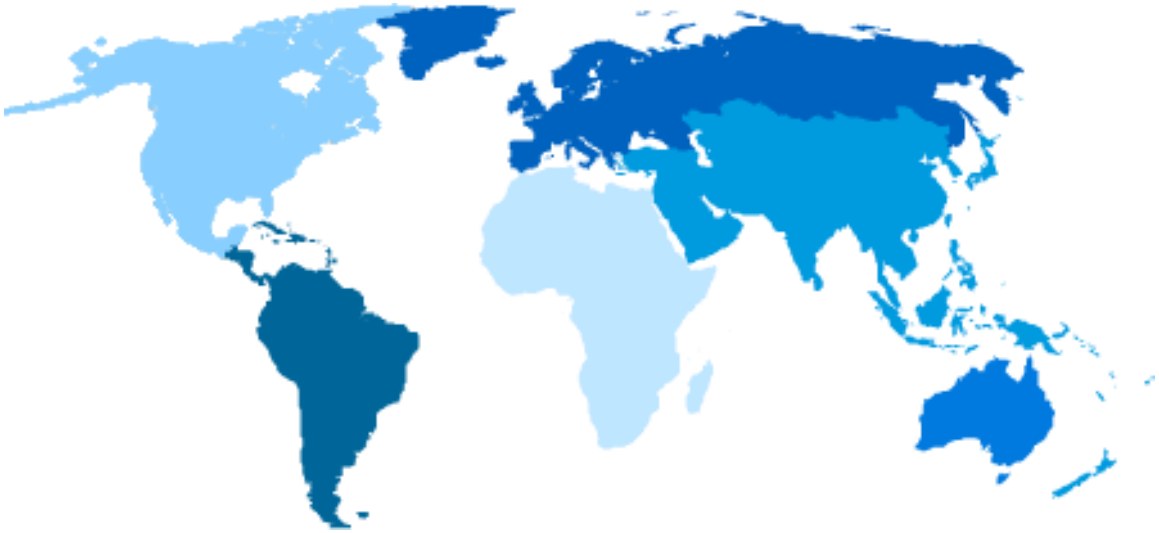
Results: Overview



- Approved by CDIP in April 2009
- 35 national projects launched
- Over 320 centers opened worldwide
- Around 3800 participants trained

Data current as of January 2013

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Overview: National projects launched

- **Algeria**
- **Burundi**
- Cambodia
- **Central African Republic**
- **Congo, Democratic Republic of**
- **Congo, Republic of**
- Costa Rica
- **Côte d'Ivoire**
- Dominican Republic
- Ecuador
- **Egypt**
- **Ethiopia**
- Georgia
- Guatemala
- Honduras
- **Kenya**
- Kyrgyzstan
- **Madagascar**
- **Morocco**
- **Mozambique**
- **Niger**
- **Nigeria**
- Panama
- Philippines
- Russian Federation
- **Rwanda**
- Saudi Arabia
- **Senegal**
- **Togo**
- **Tunisia**
- Uganda
- Uruguay
- Viet Nam
- **Zambia**
- **Zimbabwe**

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TISCs: Services

- Core services
  - Access to patent and non-patent databases
  - Assistance in using databases

- Additional services (based on user need and office capacity)
  - Technology search services
  - Patent analytical services
  - Awareness-raising and training services

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TISCs: Users

- Individual inventors
- Small and medium enterprises
- Industry
- Researchers in technology centers and universities
- Academia (ranging from schools to universities), etc.

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TISCs: Locations

- National IP offices
- Universities and academic institutions
- Science and technology parks
- Chambers of Commerce
- Other appropriate institution

→ National TISC network

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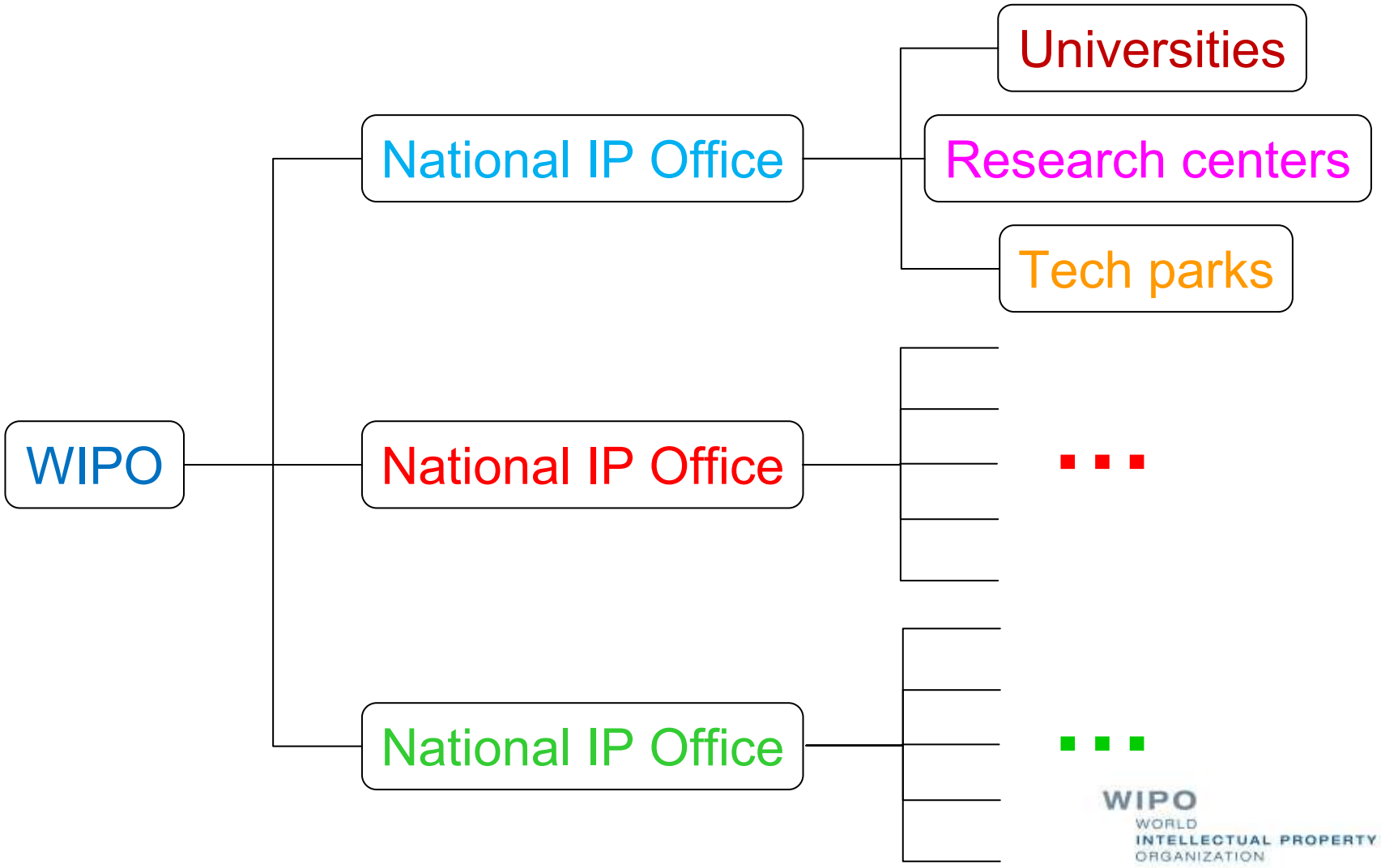
TISC: Network



Access to patent and non-patent databases

- Access to free of charge patent information sources
  - Search single authority collections
    - US (www.uspto.gov)
    - GB (www.ipo.gov.uk)
    - JP (www.jpo.go.jp)
    - Australia (www.ipaustralia.gov.au)
    - Canada (http://cipo.ic.gc.ca) and other countries
  - Search multiple authority collections
    - PATENTSCOPE (www.wipo.int/patentscope/en)
    - ESPACENET (www.espacenet.com)
    - DEPATISNET (www.depatisnet.de)

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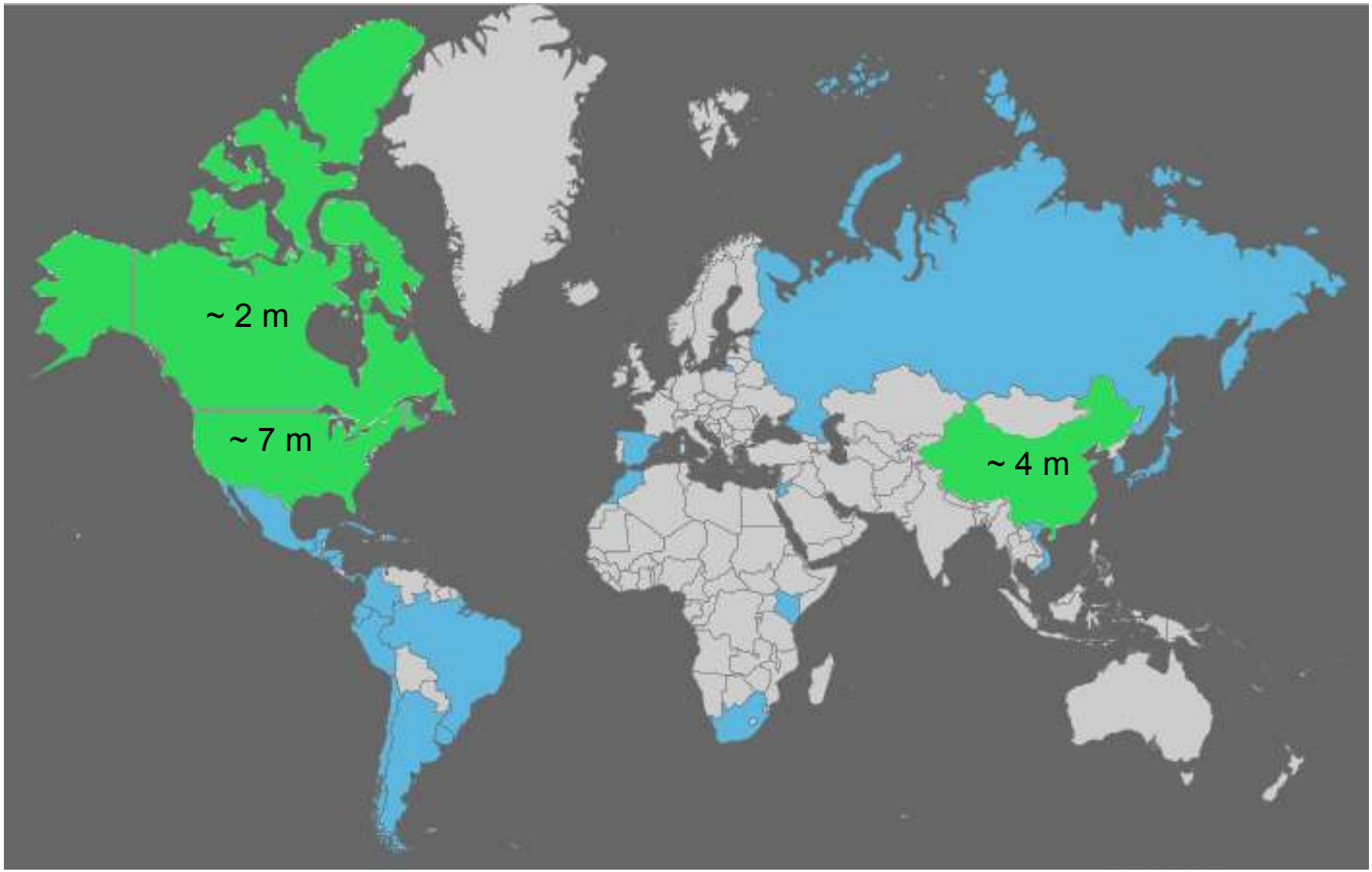
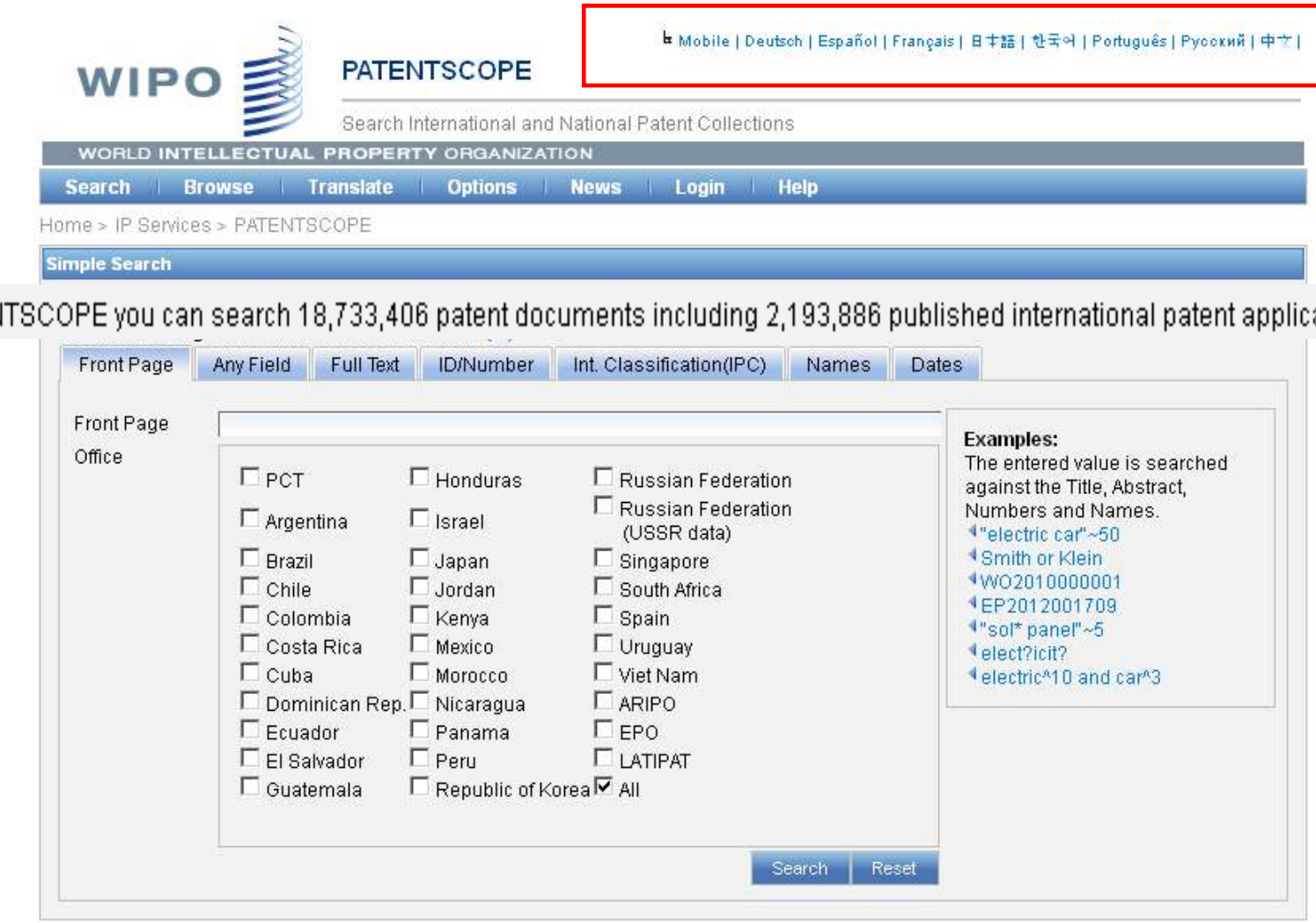
PATENTSCOPE Coverage:
PCT, EPO, ARIPO and Others:
around 12 million full text documents

Collections to be added in the near future



PATENTSCOPE - The Interface



http://patentscope.wipo.int/search/en/search.jsf

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Example: Treatment and Prevention of Malaria (Biblio.data, Description, Claims, Drawings)

(WO2012114125) TREATMENT AND PREVENTION OF MALARIA

PCT Biblio. Data | Description | Claims | National Phase | Notices | Documents

Latest bibliographic data on file with the International Bureau ⇨ Submit observation PermaLink

Pub. No.:	WO/2012/114125	**International Application No.:**	PCT/GB2012/050433
Publication Date:	30.08.2012	**International Filing Date:**	24.02.2012

IPC: ***A61K 39/015*** (2006.01), ***A61P 33/06*** (2006.01), ***C07K 16/20*** (2006.01)

Applicants: **ISIS INNOVATION LIMITED** [--/GB]; Ewert House Ewert Place, Summertown Oxford Oxfordshire OX2 7SG (GB) *(For All Designated States Except US)*.
DOUGLAS, Alexander [GB/GB]; (GB) *(For US Only)*.
DRAPER, Simon [GB/GB]; (GB) *(For US Only)*.
HILL, Adrian [IE/GB]; (GB) *(For US Only)*.
WILLIAMS, Andrew [AU/GB]; (GB) *(For US Only)*.
ILLINGWORTH, Joseph [GB/GB]; (GB) *(For US Only)*

Inventors: **DOUGLAS, Alexander**; (GB).
DRAPER, Simon; (GB).
HILL, Adrian; (GB).
WILLIAMS, Andrew; (GB).
ILLINGWORTH, Joseph; (GB)

Agent: **ZVESPER, Thomas**; Mathys & Squire LLP 120 Holborn London Greater London EC1N 2SQ (GB)

Priority Data: 1103293.5 25.02.2011 GB

Title **(EN)** TREATMENT AND PREVENTION OF MALARIA
(FR) TRAITEMENT ET PRÉVENTION DU PALUDISME

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Scientific Information Related to the Treatment and Prevention of Malaria

(WO2012114125) TREATMENT AND PREVENTION OF MALARIA

PCT Biblio. Data | Description | Claims | National Phase | Notices | Documents

International Application Status

Date	Title	View	Download
08.02.2013	International Application Status Report	HTML, PDF	PDF, XML

Published International Application

Date	Title	View	Download
30.08.2012	Initial Publication without ISR (A2 35/2012)	PDF (56p.)	PDF (56p.), ZIP(XML + TIFFs)

Related Documents on file at the International Bureau

Date	Title	View	Download
07.02.2013	International Search Report	PDF (8p.)	PDF (8p.), ZIP(XML + TIFFs)
18.09.2012	Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (IB/308)	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
30.08.2012	Notification of the International Application Number and of the International Filing Date (RO/105)	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
30.08.2012	Validation Log	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
30.08.2012	Application Body as Filed	PDF (56p.)	PDF (56p.), ZIP(XML + TIFFs)
30.08.2012	Sequence listing only for the purposes of international search (Rule 13ter)	PDF (0p.)	PDF (0p.), ZIP(XML + TIFFs)

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Search: International Search Report

INTERNATIONAL SEARCH REPORT

International application No
PCT/GB2012/050433

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BAUM J ET AL: "Reticulocyte-binding protein homologue 5 - An essential adhesin involved in invasion of human erythrocytes by Plasmodium falciparum", INTERNATIONAL JOURNAL OF PARASITOLOGY, PERGAMON PRESS, GB, vol. 39, no. 3, 1 February 2009 (2009-02-01), pages 371-380, XP025896954, ISSN: 0020-7519, DOI: 10.1016/J.IJPARA.2008.10.006 [retrieved on 2008-10-25] the whole document	1-4,21, 22,27,28

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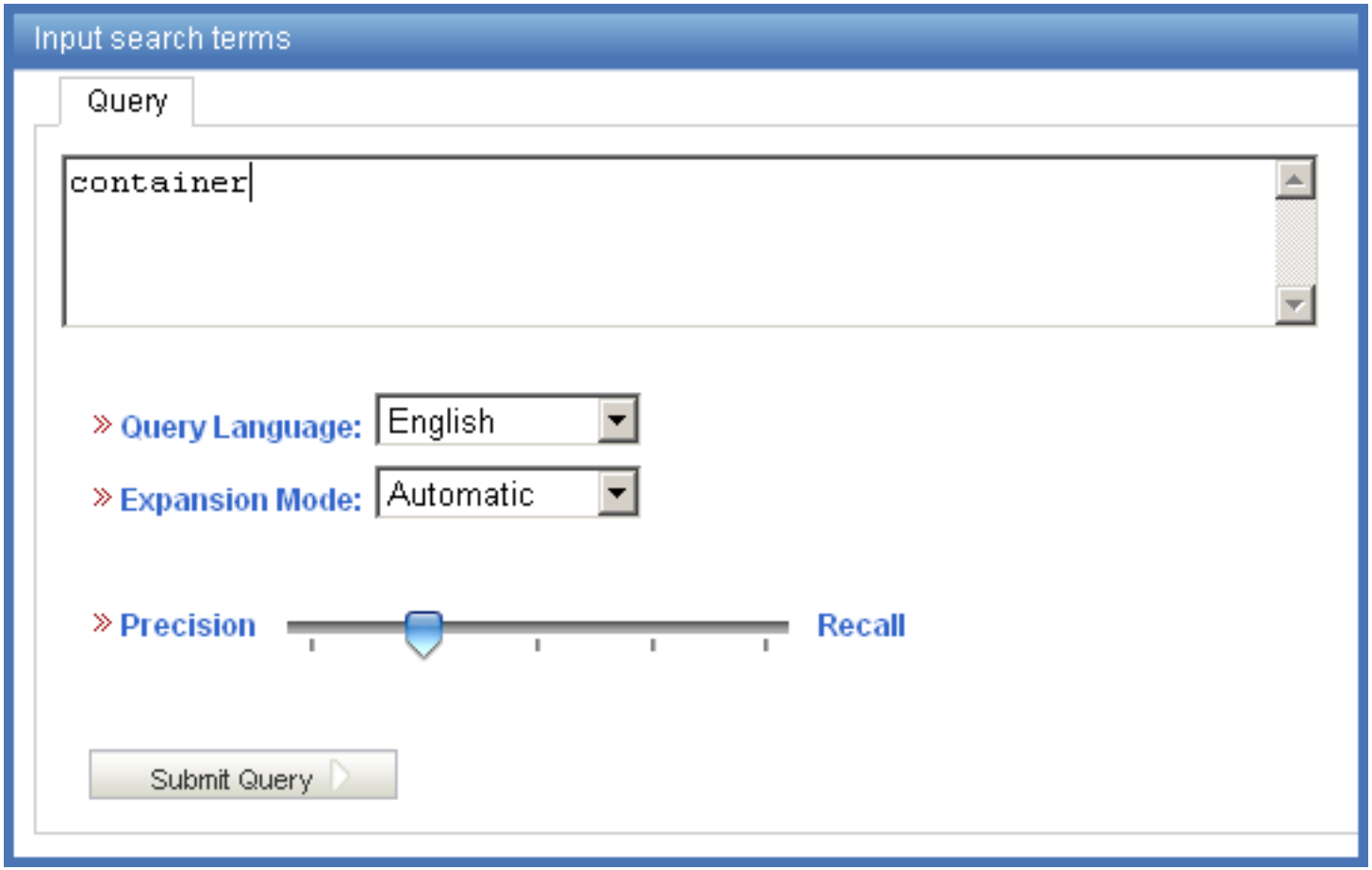
Cross-Lingual Expansion (CLIR)



Principle: Enter a search query in one language and it will be expanded into the other languages (keywords translation)

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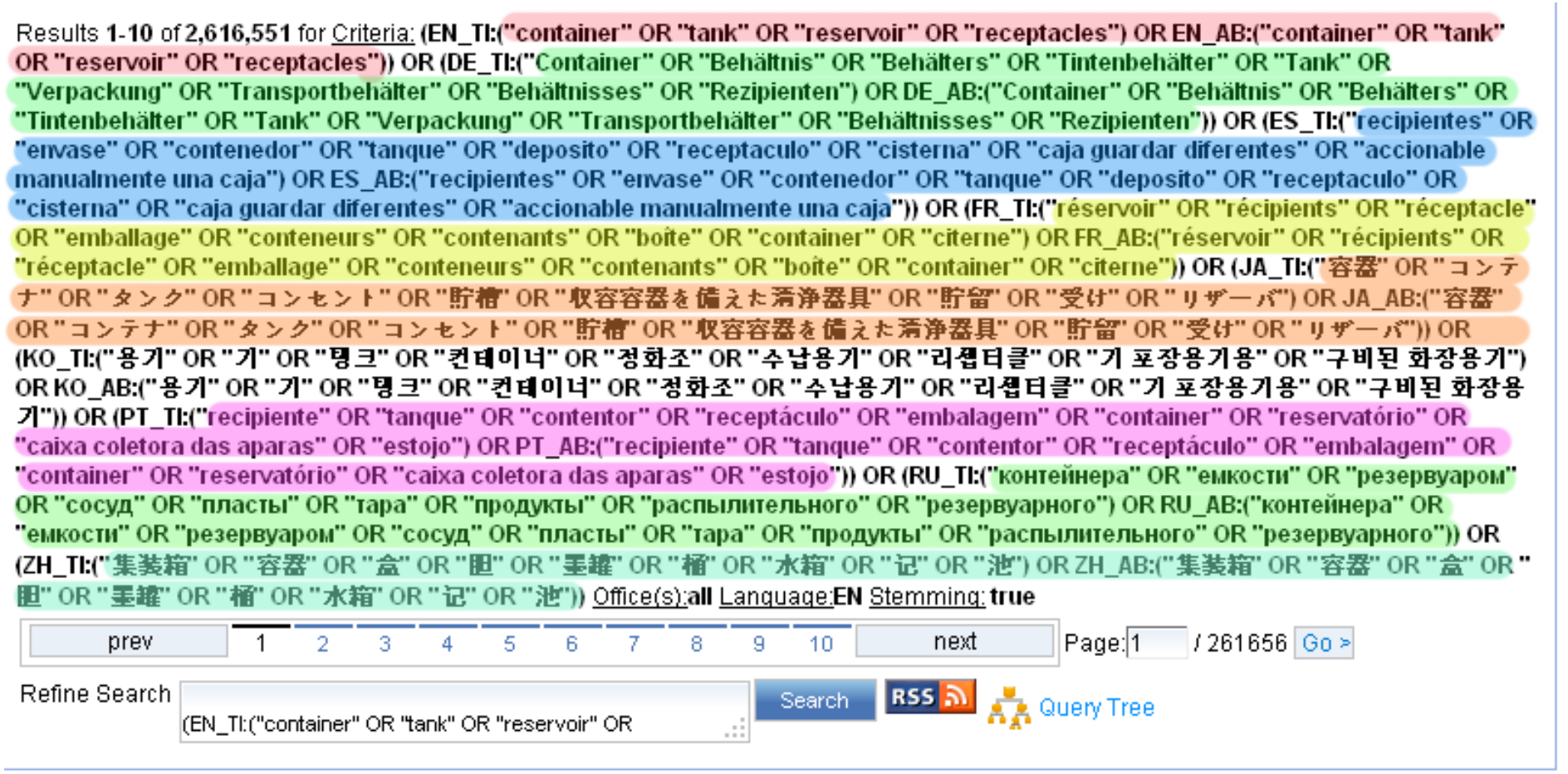
Result : the query from “container” to:



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Sort by: Relevance Machine translation

No	Ctr	Title	PubDate	Int.Class	Appl.No	Applicant	Inventor	Image
1.	MA	27336 - PLATE FORME ROULANTE INTERNE POUR REMUER UN CONTENEUR RIGIDE AVEC RECEPTACLE DE POSITION	02.05.2005	B26B 3/10	28133	QUADELTRAD, SL	SÁNCHEZ VELASCO, Clemente, Jesús	
La présente invention se rapporte au procès d'optimisation du dessin et fabrication de la plate-forme roulante interne et du container rigide, fondée en proportionner une sélection de paramètres géométriques des deux conformations constructives que conjointement on doit déplacer, afin qu'il agisse correctement le mécanisme interne par inclination du container d'insertion et extraction de la plate¬forme roulante interne dans le container rigide cité.								
2.	MA	24144 - Reservoir /citerne perfectionne	31.12.1998	E04H 7/02	24559	LAGUENS Y PEREZ, S.A.-LAPESA	ISMAEL PEREZ MAGALLON	
3.	MA	30059 - EMBALLAGE A COUVERCLE SCELLABLE AU RECIPIENT ET PROCEDE DE SCELLEMENT DE L'EMBALLAGE	01.12.2008	B29C 65/58	31043	SUPERFOS A/S	ABRAHAMSSON, Bertil	
10. Un emballage conformément aux revendications 1-4, qui se caractérise par le fait que le couvercle (2) est muni d'une ligne d'affaiblissement (14) ou semblable qui permet une ouverture partielle du couvercle (2), tandis que la partie restante du couvercle (2) est fixée par le sceau et/ou les moyens (9, 10) pour s'engager mutuellement avec le récipient (1).								
4.	MA	20347 - CONTAINER OU CONTENEUR METALLIQUE PLIABLE .	01.10.1985	C07C	20571	EL HARRAR NASSIM		
5.	MA	30206 - RECIPIENT EXTENSIBLE AYANT UN COUVERCLE POUR OBTENIR UNE REGULATION DE CHAMBRE DE PRESSION D'UNE BOITE ALIMENTAIRE	02.02.2009	B65D 79/00	31147	IMPRESS METAL PACKAGING S.A.	JONGSMA, Jelmer Eelke	
L'invention concerne un récipient extensible ayant un couvercle pour obtenir une régulation de chambre de pression dans une boîte alimentaire. L'invention concerne des couvercles pour des boîtes destinées à recevoir un aliment qui sont soumises à un traitement thermique au-dessus de 50°C en guise de stérilisation ou au moins de pasteurisation. Le couvercle (1) a une bague annulaire (2) fixable sur le corps de boîte, laquelle bague peut être fermement et hermétiquement raccordée à la partie de jante du corps de boîte et un panneau de recouvrement (3) qui est hermétiquement disposé (13) sur ladite bague. La bague annulaire comprend une sangle (6) qui pointe vers un axe central vertical (8) du couvercle et est inclinée axialement extérieurement (11) par rapport à un plan horizontal (15). Le panneau de recouvrement (3) est fixé sur la sangle inclinée au moyen d'une bande de bague radialement externe (3a). Une zone centrale (3b) qui est entourée par la bande de bague est préformée axialement intérieurement vers un intérieur à la manière d'une forme de bol ou de dôme et de ce fait est stabilisée. Après la fermeture de la boîte, elle est soumise à un traitement thermique. Lors d'un changement de pression (dans la boîte fermée) se produisant pendant ce traitement thermique, le panneau de recouvrement change de la position préformée (3b) à une position en forme de bol/dôme dirigée axialement extérieurement (3b'). Après le refroidissement de la boîte fermée, le panneau de recouvrement (3) revient -au moins presque exactement - dans sa position préformée.								
6.	MA	27186 - CONTENEUR AVEC COUVERCLE	03.01.2005	B65D 43/06	27852	JOKEY PLASTIK GUMMERSBACH GMBH	DENGEL GUSTAV	
Conteneur avec couvercle								

ERTY

1. (MA27336) PLATE FORME ROULANTE INTERNE POUR REMUER UN CONTENEUR RIGIDE AVEC RECEPTACLE DE POSITION

National Biblio. Data | Description | Claims | Documents

Note: Text based on automatic Optical Character Recognition processes. Please use the PDF version for legal matters

Machine translation

Query

(EN_TI:("container" OR "tank" OR "reservoir" OR "receptacles") OR EN_AB:("container" OR "tank" OR "reservoir" OR "receptacles")) OR (DE_TI:("Container" OR "Behältnis" OR "Behälters" OR "Tintenbehälter" OR "Tank" OR "Verpackung" OR "Transportbehälter" OR "Behältnisses" OR "Rezipienten") OR DE_AB:("Container" OR "Behältnis" OR "Behälters" OR "Tintenbehälter" OR "Tank" OR "Verpackung" OR "Transportbehälter" OR "Behältnisses" OR "Rezipienten")) OR (ES_TI:("recipientes" OR "envase" OR "contenedor" OR "tanque" OR "deposito" OR "receptaculo" OR "cisterna" OR "caja guardar diferentes" OR "accionable manualmente una caja") OR ES_AB:("recipientes" OR "envase" OR "contenedor" OR "tanque" OR "deposito" OR "receptaculo" OR "cisterna" OR "caja guardar diferentes" OR "accionable manualmente una caja")) OR (FR_TI:("réservoir" OR "récipients" OR "réceptacle" OR "emballage" OR "conteneurs" OR "contenants" OR "boîte" OR "container" OR "citerne") OR FR_AB:("réservoir" OR "récipients" OR "réceptacle" OR "emballage" OR "conteneurs" OR "contenants" OR "boîte" OR "container" OR "citerne")) OR (JA_TI:("容器" OR "コンテナ" OR "タンク" OR "コンセント" OR "貯槽" OR "収容容器を備えた清浄器具" OR "貯留" OR "受け" OR "リザーバ") OR JA_AB:("容器" OR "コンテナ" OR "タンク" OR "コンセント" OR "貯槽" OR "収容容器を備えた清浄器具" OR "貯留" OR "受け" OR "リザーバ")) OR (KO_TI:("용기" OR "기" OR "탱크" OR "컨테이너" OR "정화조" OR "수납용기" OR "리셉터클" OR "기 포장용기용" OR "구비된 화장용기") OR KO_AB:("용기" OR "기" OR "탱크" OR "컨테이너" OR "정화조" OR "수납용기" OR "리셉터클" OR "기 포장용기용" OR "구비된 화장용기")) OR (PT_TI:("recipiente" OR "tanque" OR "contentor" OR "receptáculo" OR "embalagem" OR "container" OR "reservatório" OR "caixa coletora das aparas" OR "estojo") OR PT_AB:("recipiente" OR "tanque" OR "contentor" OR "receptáculo" OR "embalagem" OR "container" OR "reservatório" OR "caixa coletora das aparas" OR "estojo")) OR (RU_TI:("контейнера" OR "емкости" OR "резервуаром" OR "сосуд" OR "пласты" OR "тара" OR "продукты" OR "распылительного" OR "резервуарного") OR RU_AB:("контейнера" OR "емкости" OR "резервуаром" OR "сосуд" OR "пласты" OR "тара" OR "продукты" OR "распылительного" OR "резервуарного")) OR (ZH_TI:("集装箱" OR "容器" OR "盒" OR "胆" OR "墨罐" OR "桶" OR "水箱" OR "记" OR "池") OR ZH_AB:("集装箱" OR "容器" OR "盒" OR "胆" OR "墨罐" OR "桶" OR "水箱" OR "记" OR "池"))

MÉMOIRE DESCRIPTIVE
TITRE :

PLATE-FORME ROULANTE INTERNE POUR REMUER CONTAINER RIGIDE AVEC RÉCEPTACLE DE POSITION

OBJET DE L'INVENTION

L' invention ci- présente se rapporte au procès d'optimisation du dessin et fabrication de la plate-forme roulante interne et du container rigide, fondée en proportionner une sélection de paramètres géométriques des deux conformations constructives que conjointement on doit déplacer, afin qu'il agisse
correctement le mécanisme interne par inclination du container d'insertion et extraction de la plate- forme roulante interne dans le cité, container rigide.
La plate-forme roulante interne en utilisant le mécanisme interne d'inclination du container, dont Γ intérêt essentiel s'enracine, qu'il lui permet être placée et extraite dans le container rigide avec réceptacle de position, de section plat-concave, sans être précis le lever du sol, il suffit de l'incliner légèrement, pour que quand le container rigide soit vertical, se soutienne seul par sa base inférieure concave dans le vide central de la couronne circulaire de la plate-forme roulante interne, permettant un roulement conjoint ferme, stable et sûr.
Cette caractéristique est fondamentale, puisque à partir d'un dessin optimisé ensemble du réceptacle de position du container rigide et de la plate-forme roulante interne, ils peuvent être configurés et faits de forme simple et
de confiance, garantissant l'indeformabilité des deux et une utilisation sûre, permettant une réduction de coûts de fabrication et aussi, d'utilisation au faire que l'installation et extraction de la plate-forme roulante interne, soit une activité sans presque effort, minimisant les tensions osseuses et musculaires des extrémités et zone lombaire du dos.
ANTÉCÉDENTS DE L'INVENTION
La caractéristique principale de plate-forme roulante interne c 'est qu'on peut installer et extraire avec une légère basculaciôn, de tout le container rigide, appuyé dans le sol et sans devoir le lever.
Ils sont connus nombrables types de plate-forme roulantes conventionnelles pour le déplacement de container rigides, mais toutes elles

CLIR – 12 languages available

NON-ASIAN

- Dutch
- English
- French
- German
- Italian
- Portuguese
- Russian
- Spanish
- Swedish

ASIAN

- Chinese
- Japanese
- Korean

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TISC Project: Components

- Capacity building
- Networking
- Resources

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Capacity building

- On-site training → training of trainers
- Distance learning

  DL-101: General course on intellectual property
  DL-301: Patents
  DL-318: Patent information search

- … and many others
- Webinars

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Capacity building: On-site training

- Training in effective use of patent and non-patent search services and tools
  - Free-of-charge databases: PATENTSCOPE, etc.
  - Public-private partnerships to access subscription databases: ASPI and ARDI Programs

ARDI

Research for Innovation

- Launched in July 2009
- 10,000 key journals, books and reference works in various fields of research, including, applied physics, engineering, chemistry, traditional knowledge
- Partnership with 17 major publishers

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ARDI
Research for Innovation

- Access for IP Offices, not-for-profit, academic and research institutions in 115 least developed and developing countries

- Group A: Free of cost access for 76 countries

  Group B: Low cost access (USD 1,000/year) for 39 countries

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Scientific Information: ARDI

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ARDI: Portal

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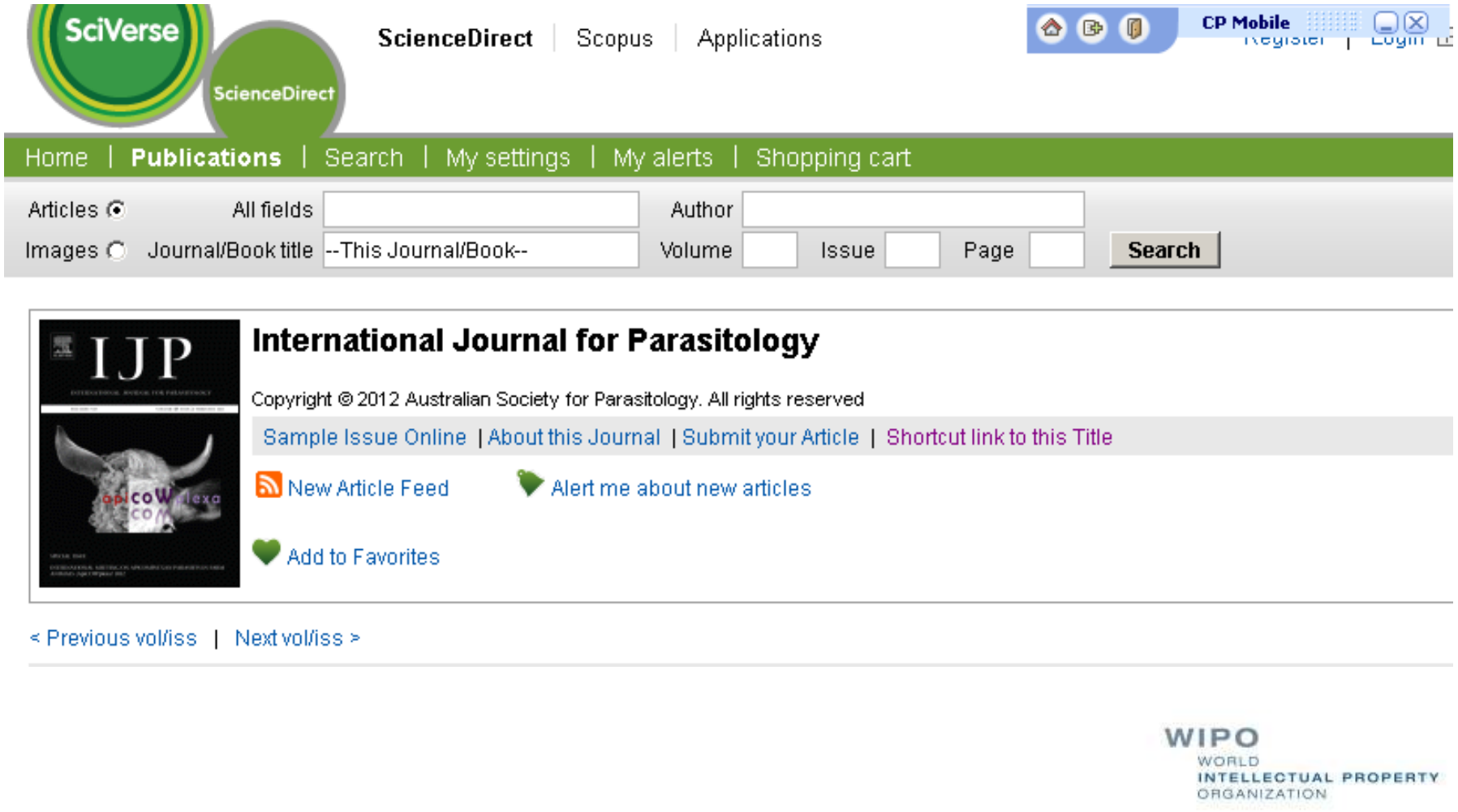
ARDI: Journal lists

ARDI: Journal list

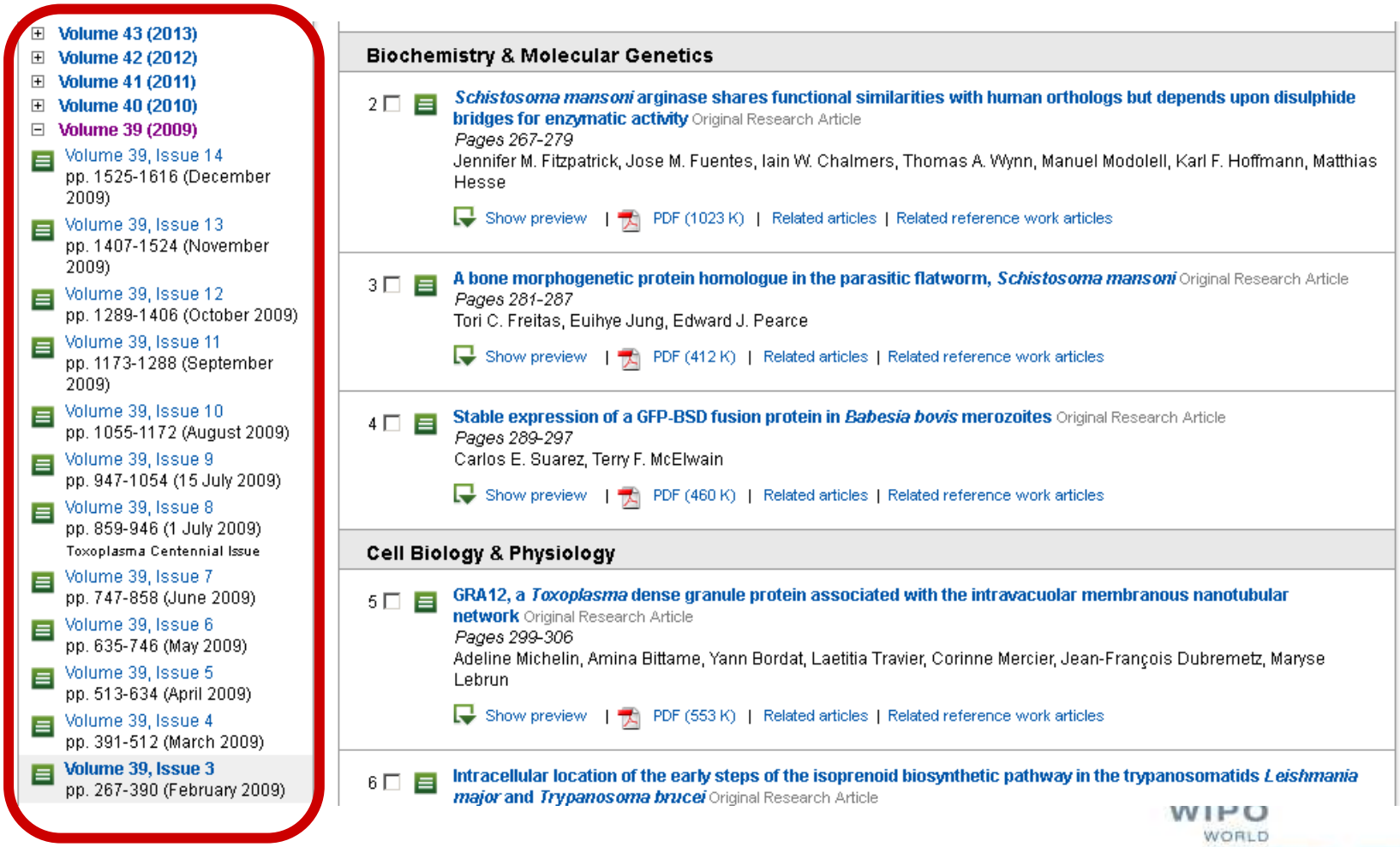
ARDI: Journal list

International Health (Elsevier) September 2009 - Present
International Hepatology Communications (Elsevier) January 1995 - March 1997
International Immunopharmacology (Elsevier) January 2001 - Present
International Journal for Computational Methods in Engineering Science and Mechanics (Taylor & Francis)
International Journal for Parasitology (Elsevier) January 1995 - Present
International Journal for Parasitology: Drugs and Drug Resistance (Elsevier) December 2011 - Present
International Journal in Metrology and Quality Engineering (Cambridge University Press)
International Journal of Acarology (Taylor & Francis)
International Journal of Accounting Information Systems (Elsevier) March 2000 - Present
International Journal of Adhesion and Adhesives (Elsevier) January 1995 - Present

Journal: Homepage



Journal: Volumes



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Journal: Articles

12 **Effect of indoleamine dioxygenase-1 deficiency and kynurenine pathway inhibition on murine cerebral malaria** Original Research Article
Pages 363-370
Jenny Miu, Helen J. Ball, Andrew L. Mellor, Nicholas H. Hunt

Show preview | PDF (920 K) | Related articles | Related reference work articles

13 **Reticulocyte-binding protein homologue 5 – An essential adhesin involved in invasion of human erythrocytes by *Plasmodium falciparum*** Original Research Article
Pages 371-380
Jake Baum, Lin Chen, Julie Healer, Sash Lopaticki, Michelle Boyle, Tony Triglia, Florian Ehlgen, Stuart A. Ralph, James G. Beeson, Alan F. Cowman

Show preview | PDF (2341 K) | Supplementary content | Related articles | Related reference work articles

Systematics & Evolution

14 **Ultrastructure of the cirrus sac of echinophallid tapeworms (Cestoda, Bothriocephalidea) and the terminology of cirrus hard structures** Original Research Article
Pages 381-390
L. Poddubnaya, J.S. Mackiewicz

Show preview | PDF (1382 K) | Related articles | Related reference work articles

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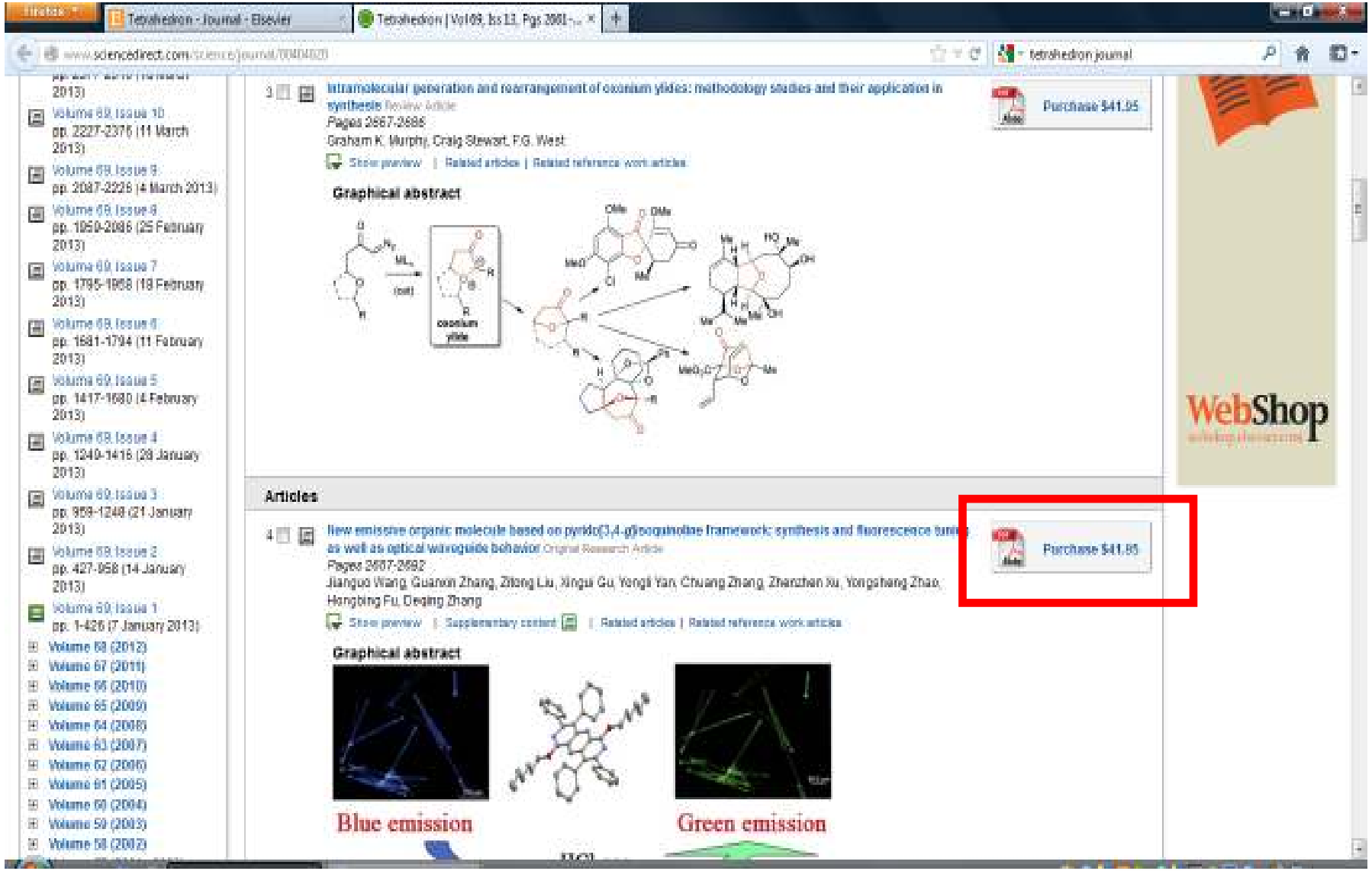

ARDI: Article
(To date, the ARDI Program is free-of-charge for 40 African Countries)

International Journal for Parasitology 39 (2009) 371–380

Contents lists available at ScienceDirect

International Journal for Parasitology

journal homepage: www.elsevier.com/locate/ijpara

Reticulocyte-binding protein homologue 5 – An essential adhesin involved in invasion of human erythrocytes by *Plasmodium falciparum*

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ABSTRACT

Invasion of erythrocytes is a prerequisite in the life history of the malaria parasite. Members of the reticulocyte-binding homologue family (PfRh) have been implicated in the invasion process and in some cases have been shown to act as adhesins, binding to specific receptors on the erythrocyte surface. We have identified a further, putatively essential, PfRh family member in the most virulent human malaria *Plasmodium falciparum*, called PfRh5, which binds to an unknown class of glycosylated receptors on the erythrocyte surface. This protein is an atypical PfRh family member, being much smaller than others and lacking a transmembrane and cytosolic region at the C-terminus. This suggests it may be part of a functional protein complex. PfRh5 localises to the rhoptries in merozoites and follows the tight junction during the process of erythrocyte invasion. Furthermore, rabbit immune serum raised against a portion of the ecto-domain, inhibits parasite invasion in vitro. We hypothesise an essential role for the PfRh5 adhesin in erythrocyte selection and commitment to invasion. Given its small size, we believe PfRh5 may prove to be a valuable candidate for inclusion in a multi-component anti-malarial vaccine.

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ASPI

ACCESS TO SPECIALIZED PATENT INFORMATION

- Launched in Sept. 2010
- Partnership with 5 patent database service providers
  - LexisNexis
  - Minesoft
  - Questel
  - Thomson Reuters
  - WIPS

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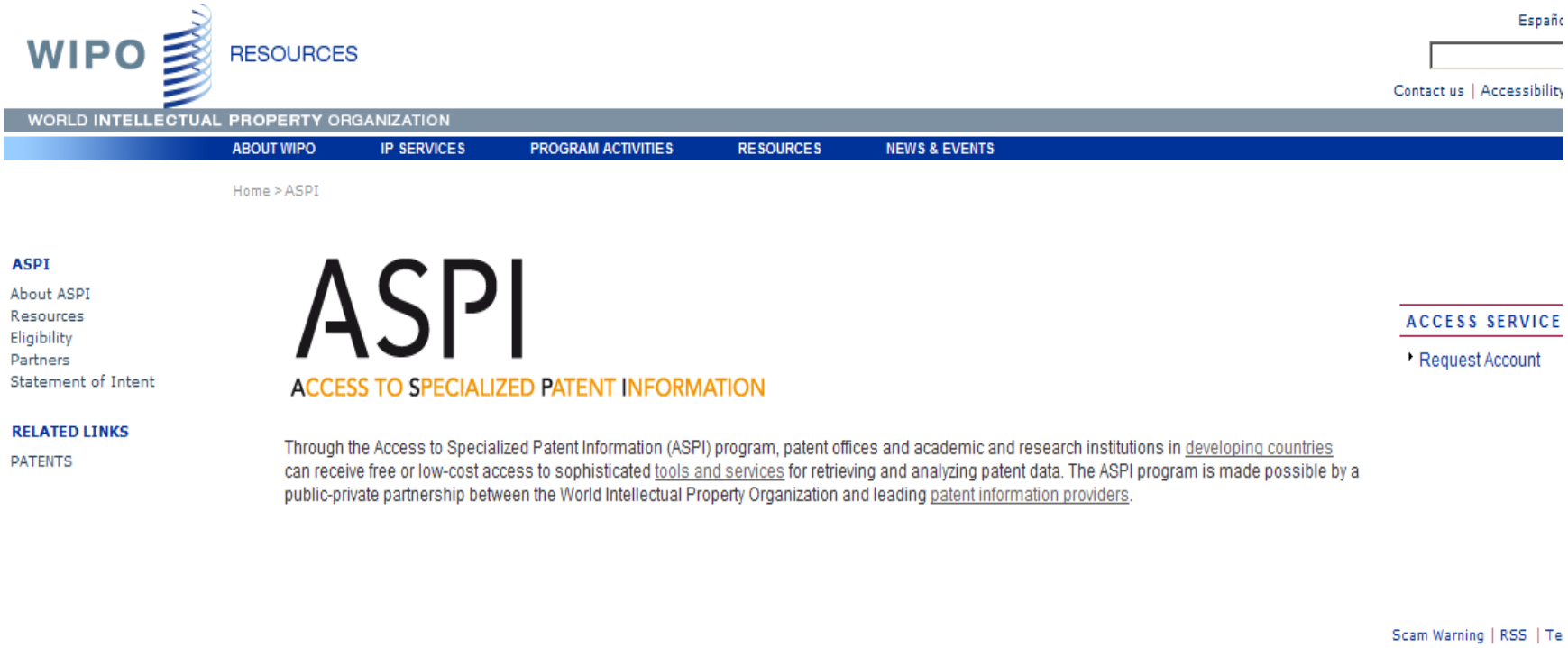

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ASPI

- ASPI retrieves *value-added patent information* published in 5 commercial databases (The ASPI Program of WIPO):
  - Eligibility criteria:
    - To date, free access for 32 African Least-Developed Countries = LDCs (institutions such as IP offices, universities and research centers (see Group 1)
    - Low cost access for 11 African Developing Countries = DCs (Group 2 will pay 1, 100 CHF
    - Low cost access for other 6 African Developing Countries with higher income (Group 3: Botswana, Gabon, Libya, Mauritius, Mayotte, Seychelles: 3, 300 CHF)

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Mozambique (1)	Industrial Property Institute
Senegal (1)	Institut de Technologie Alimentaire (ITA)

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Resources

Print resources

Electronic resources

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Resources: Electronic

- TISC website

- e-tutorial on using patent information

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E-Tutorial

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e-Tutorial: Structure

- Three main sections, divided into specific topics
  - Patent Basics
  - Patent Search and Retrieval
  - Patent Analysis

- Each section containing interactive
  - Tutorials: review of issues and approaches
  - Scenarios: story-based “put it into practice” exercises

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Three sections…

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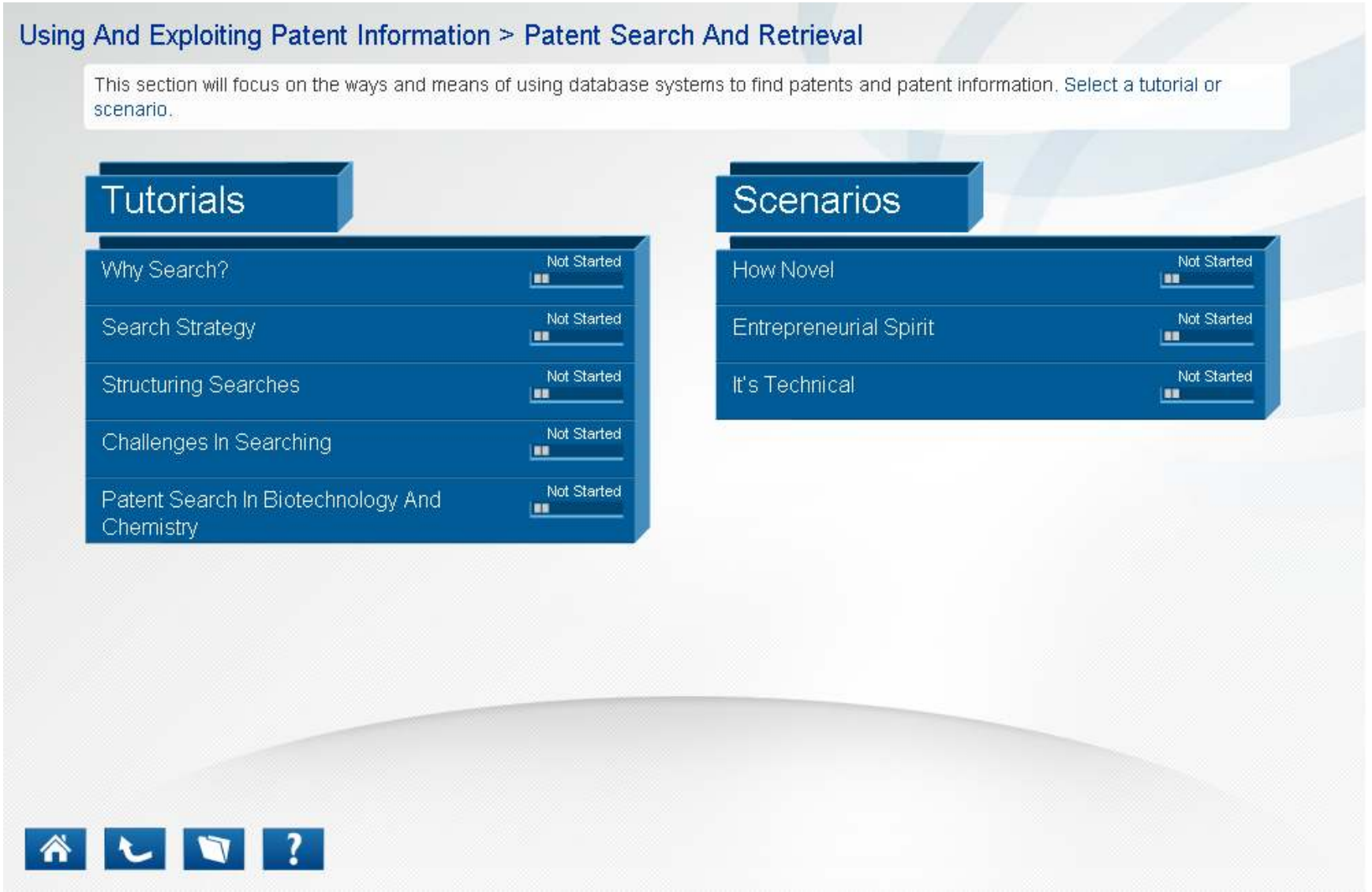

Numerous topics…

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Using And Exploiting Patent Information > Patent Search And Retrieval > Structuring Searches

The casual searcher vs. the serious searcher

When most people go looking for information on the internet, typically they will type a few words into one of many common search engines. Presto! The search engine gives them a list of results, which may or may not be relevant to their interest. But when the stakes of a search are higher, if you risk missing an opportunity to receive a patent or losing your business in a patent infringement lawsuit, will you be satisfied with 'good enough'? Probably not. That's why a serious searcher will take a more systematic approach to structuring their searches.

Select **Forward** to find out more.

Quality vs. quantity

As easy as it is to do a casual search, you probably also know that there's a difference between quantity and quality in terms of search results. The difference between a casual search and a serious search is that a serious search will allow you to balance recall (how wide the search is) with precision (how specific the search is).

Forward

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Teaching elements…

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Different interaction types…

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Basic operators

How would these operators help you to narrow your search if they were used in the following ways? What results would each of the following searches produce?

Drag the results on the left to the search terms on the right, then select **Submit**.

Documents containing the word tennis but not ball	tennis AND ball
Documents containing either the word tennis or ball but not both	tennis NOT ball
Documents containing the word tennis and ball	tennis OR ball
Documents containing either the word tennis or ball or both	tennis XOR ball

Submit

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Show you know

The column on the left lists several search queries. Indicate which search results you would retrieve by selecting all the options that apply in each case. Select all the correct options beside each search query. When you're ready, select **Submit**.

Search result / **Search query**	Documents with the words 'metal' and 'cutting' anywhere in the document	Documents with the words 'metal' and 'cutting' close to each other	Documents with the phrase 'cutting metal'	Documents with the phrase 'metal cutting'	Documents with the word 'metal' only (not 'cutting')	Documents with the word 'cutting' only (not 'metal')
metal AND cutting	✓					
metal NEAR cutting		✓				
"metal cutting"			✓		✓	
metal NOT cutting	✓					
metal XOR cutting				✓		

Submit

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Using And Exploiting Patent Information > Patent Basics > Getting Started With Searching

Looking good

By searching for patents, Anders has discovered exactly how the spectacles work. He's also found other related inventions. This has given him an excellent overview of the different technologies available.

Anders is really excited about the invention and the benefits it has in developing countries. It'll provide a valuable example for his thesis.

Select **Next** for a recap.

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…to engage learners…

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Using And Exploiting Patent Information > Patent Analysis > Technology Trends

Making waves in technology

Hana is an environmental technologist. She's researching the trends in tidal power technology. She's decided that patents are a good source of information, and she's right. The job will require at least one patent search, perhaps more.

After each search, she'll need to check for any irrelevant data and filter this out. She may want to deepen a particular search using additional keywords and classifications. A whole set of results might even be rejected if it contains too many that are irrelevant.

Once this filtering is done, she can combine the results for further analysis.

Select **Next** to continue.

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…and help them build and integrate their new knowledge into their daily work.

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Resources

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Welcome to eTISC - the social media tool of the Technology and Innovation Support Centers

November 2012

"We developed the eTISC to empower you by offering an online collaborative platform that will bring people together and facilitate interactions, feedback and new learning opportunities.

The eTISC gives you advanced social media tools to collaborate, inspire and learn."

Yo Takagi
Assistant Director General
Global Infrastructure

So, what's in it for you?

- Experience innovation networking and discover the future of technology information business
- Connect with the community and get to know each other
- Access WIPO's learning materials, presentations, tutorials and participate in tailored TISC Webinars
- Learn about related services such as WIPO's Patent Landscapes
- Join forums and groups to collaborate, inspire, discuss best practices and lessons learned
- Stay up-to-date with upcoming events
- Keep in touch with WIPO's TISC team – Share your stories and ideas with us!

Ask the Expert chat

Our monthly "Ask the Expert" chats **give you the opportunity** to meet with our Experts and ask them questions on a given theme, e.g. Patent Information, Patent search strategies, Technology Transfer and many other topics.

Click here for more information

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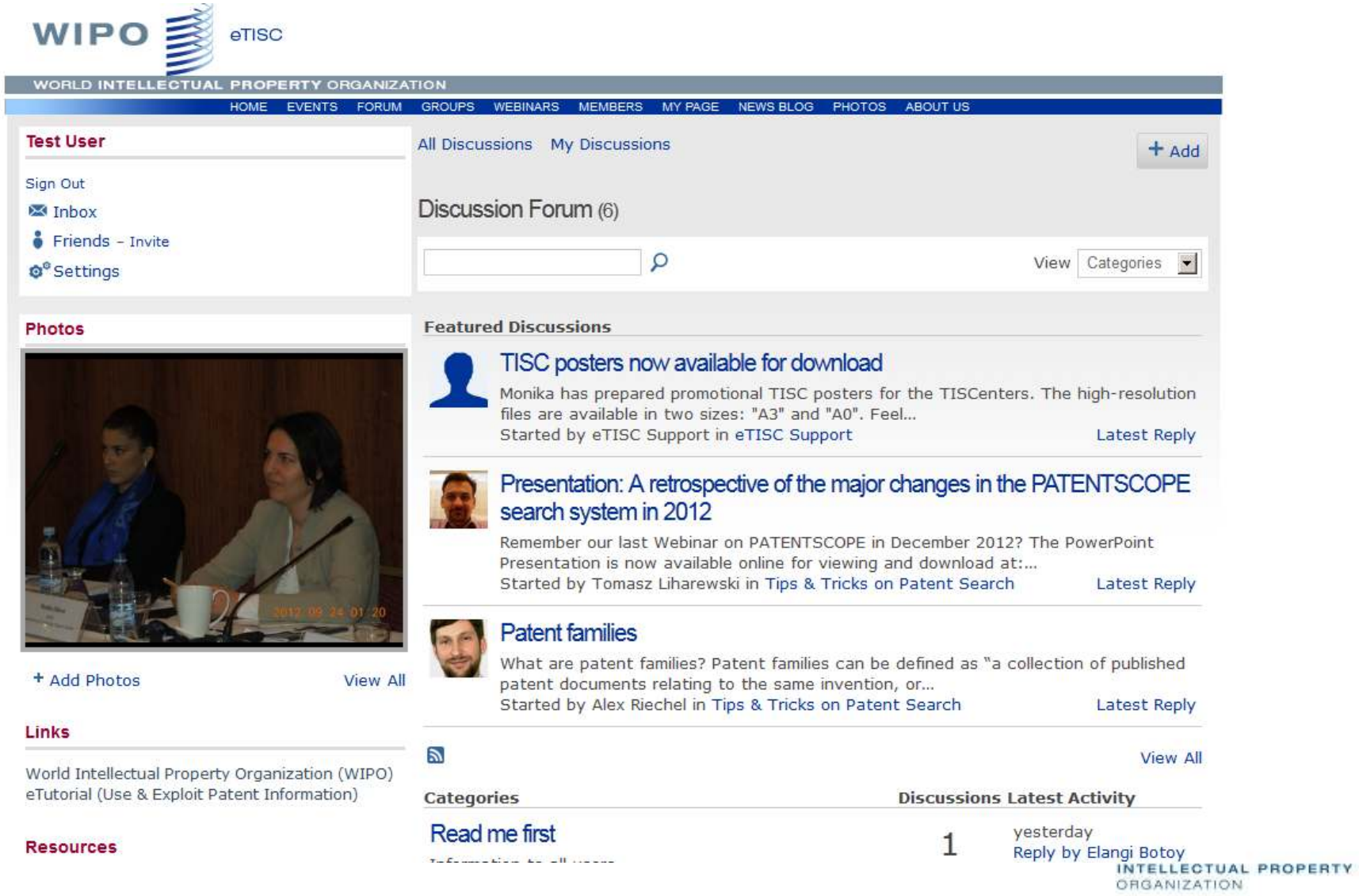
Forum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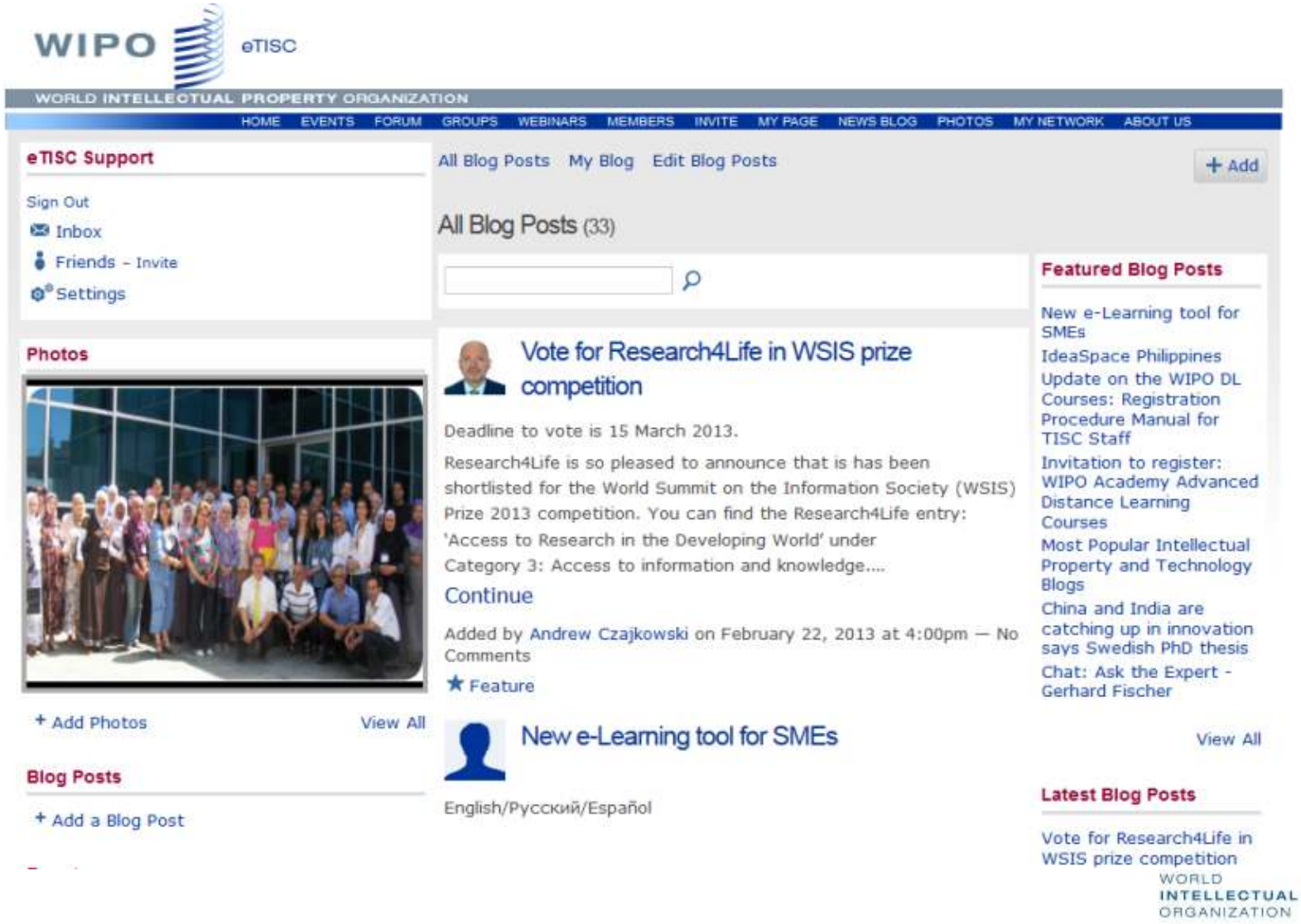

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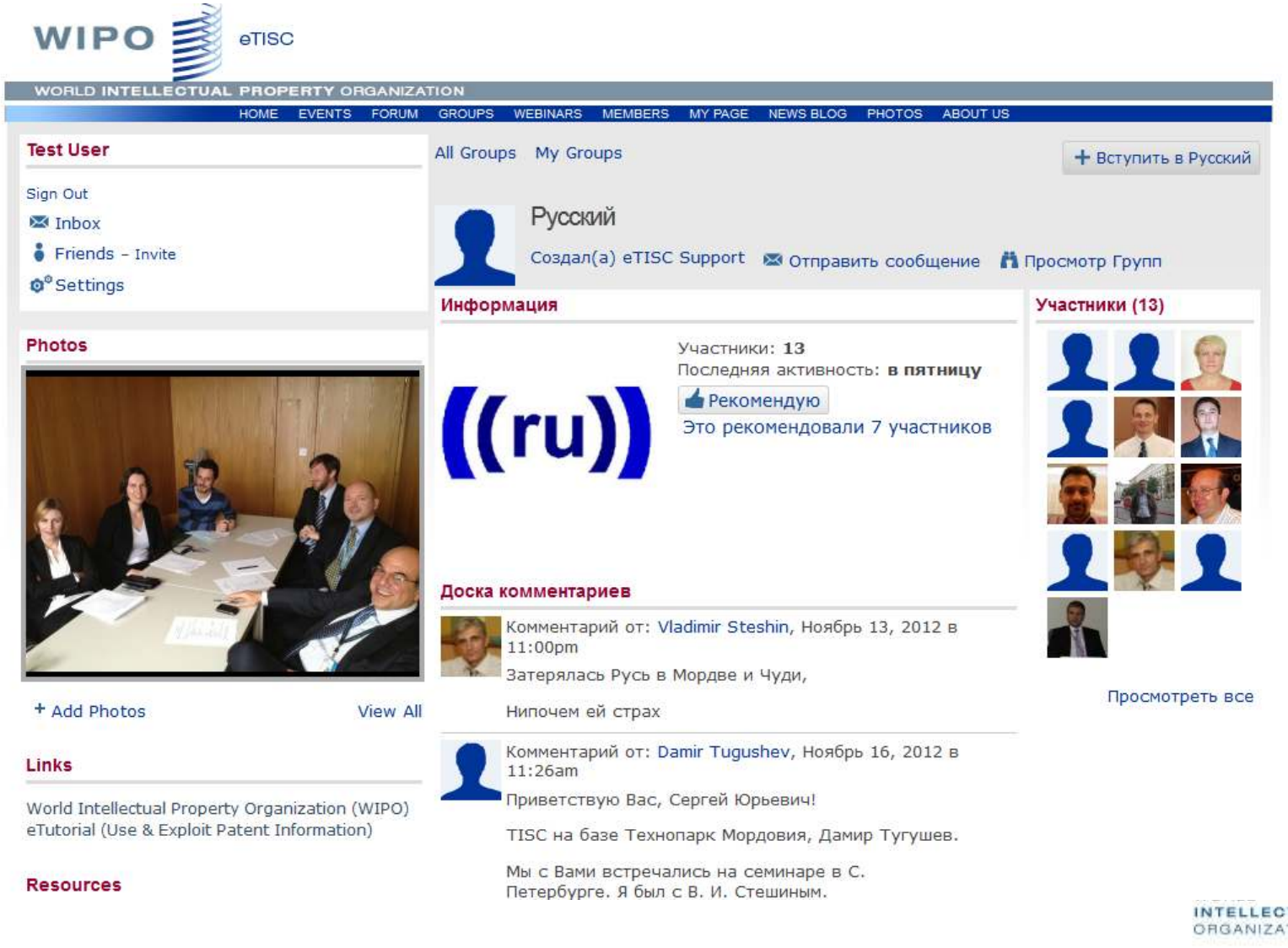
Groups



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Ask the Expert

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Expert: Dr. Gerhard Fischer

"Ask the Expert" chat with Dr. Gerhard Fischer (Biography)
Manager of Information Research, IP Department at Syngenta, Switzerland.

Presentation:

The Vital Role of Patent Information for the Success of a Leading Global Life Science Company

Below are your questions - click them to see Dr. Fischer's answers.

Question: Does one need to suffer LOSS before he/she realizes the importance of Patent Information in Business Strategies?
Answer: Still many people do not realize the importance of patent information for a successful R&D and the business. There is still a huge amount of money which is spent even in developed countries for double inventions each year. A recent estimate by the British patent office suggested 50 billion US Dollars (USD) for Europe, see my presentation. The number is hard to imagine but when you consider that a lab day in life science industry costs 10'000 USD and more, the number seems real. On the other hand, a proper patentability and freedom-to-operate search including the evaluation of documents for technical relevance conducted by an experienced information specialist takes just around 3-5 working days and can save hundreds of lab days and millions of dollars. Where does this discrepancy/ignorance come from? I think there is lack of education in basic patent law at high schools and universities. This is where it starts. Alongside there is no training/education in patent information. For this reason big international companies have setup training programs for new starters in R&D to make up for this lack of knowledge and also have groups of highly trained patent information specialists in R&D and IP departments. In that sense the TISC project has a high impact for the promotion of patent information in developing countries.

Question: How do we change the mindset of somebody who is new to the concept of IP?

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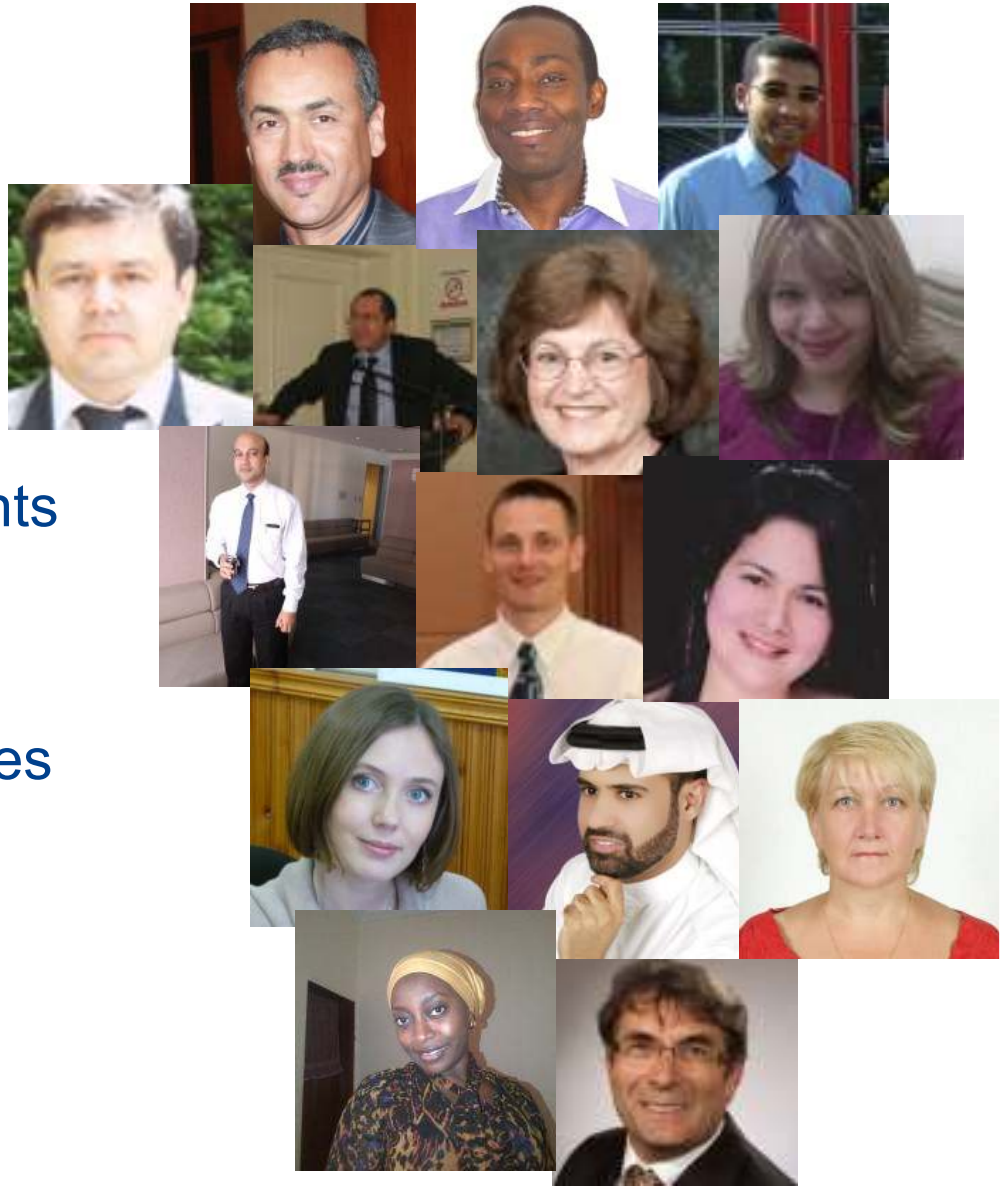
Members

- IP Offices' staff
- Government officials
- University teachers & students
- Researchers
- Lawyers
- Private Sector representatives
- WIPO colleagues



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Main Figures (since launch Nov. 2012)

188 users

68 countries

eTISC Statistics (since launch Nov. 2012)

Visits

1,352

56.14% Returning Visitor
759 Visits

43.86% New Visitor
593 Visits

Pageviews

6,438

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Capacity Building Activities

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	Worldwide	Africa
Training events	Over 60	33
Participants trained	Over 3800	Over 2000
National projects launched	35	20

→ Over half of new requests for participation in the TISC project from Africa

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Feedback

- …technical problems that we are faced with everyday may be met, provided there is a correct use of the results of the efforts already endeavoured…

  - Minister of Science and Technology, Mozambique

Feedback

- La maitrise des techniques de recherches sur les brevets contribue à l'amélioration du niveau des travaux de recherche des chercheurs universitaires.
- Dans le développement des travaux de recherche, les bases de données des brevets et autres actifs de la propriété intellectuelle qui sont sources de publication d'information technologique et scientifique restent très peu exploités par les chercheurs universitaires…

  - Representative, Ministry of Scientific Research, Cameroon

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Feedback

"At the close of 2012, we have supported the establishment of sixty-four Innovation and Technology Support Offices (ITSOs) in universities, research and development institutions, and other organizations all over the country. The IPOPHL continuously provides technical assistance so that the ITSOs can become effective patent service providers that can provide reliable patent searches, draft patent claims, and provide advice and over-all IP management in their respective communities."

Ricardo Blancaflor
Director General, Intellectual Property Office
The Philippines

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Feedback

- *“Developing a network of TISCs will improve the quality of applications and granted patents. We need 1200 of such Centers."*

- *A customer has to say: here is what we need. TISC activity will boost the number of patent applications and patents granted."*

Boris Simonov, Director General
Federal Service for Intellectual Property
Russia

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Creating connections…

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…developing practical skills…

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…for thousands of future TISC staff worldwide!

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Feedback

- "Le CATI va offrir un cadre propice pour valoriser les potentialités humaines à même de promouvoir l'inventivité et la créativité."

  - Minister of Industry and SMEs, Democratic Republic of Congo

Feedback

- "[TISCs will] provide the basis for building the important and growth-enabling culture of innovation and entrepreneurship among students; enable SMEs to create strategic partnerships; serve as catalysts in clustering small businesses and attracting foreign partners and investors."

  - Minister of Trade and Investment, Nigeria

Conclusion

- Least developed and developing countries put on more equal footing with other countries in terms of access to scientific and technical information

- Least developed and developing countries enabled to develop their national capacities to
  - use and adapt inventions in the public domain
  - transfer technology
  - develop new inventions of their own

→ Effective take-off in all fields (scientific, economic, social, etc.)

Useful links

- TISC website: www.wipo.int/tisc
- eTISC Platform: etisc.wipo.org
- eTutorial: www.wipo.int/tisc/en/etutorial
- ARDI: www.wipo.int/ardi
- ASPI: www.wipo.int/aspi

Thank you for attention!

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