



Europäisches  
Patentamt

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des brevets

# CPC implementation at Rospatent

Example of active cooperation between Rospatent and the EPO



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# Project Start-up

- **USPTO/EPO agreed to co-operate on a joint classification system based initially on the IPC-based ECLA (October 2010)**
- **USPTO to moved from USPC to CPC**
- **EPO moved from ECLA to CPC**
- **CPC is bi-laterally operational at EPO and USPTO as from January 2013**



## USPTO and EPO Work Toward Joint Patent Classification System

"In view of the significant benefit to stakeholders of developing a transparent and harmonized approach to a global classification system for patent documents; in order to make the search process more effective; and in the belief that cooperation between their two offices will facilitate progress in undertaking classification harmonization projects under the IP5 Common Hybrid Classification initiative, the USPTO and the EPO have agreed together to work toward the formation of a partnership to explore the development of a joint classification system based on the European Classification system (ECLA) that will incorporate the best classification practices of the two offices. This system would be aligned with the World Intellectual Property Organization (WIPO) classification standards and the International Patent Classification (IPC) structure. Accordingly, they have initiated discussions on governance and operational aspects of such a partnership.

The IP5 partner offices will be continually apprised of progress at appropriate IP5 forums. Stakeholders will receive regular updates on the substance and progress of classification partnership discussions between the two offices."

October 25, 2010

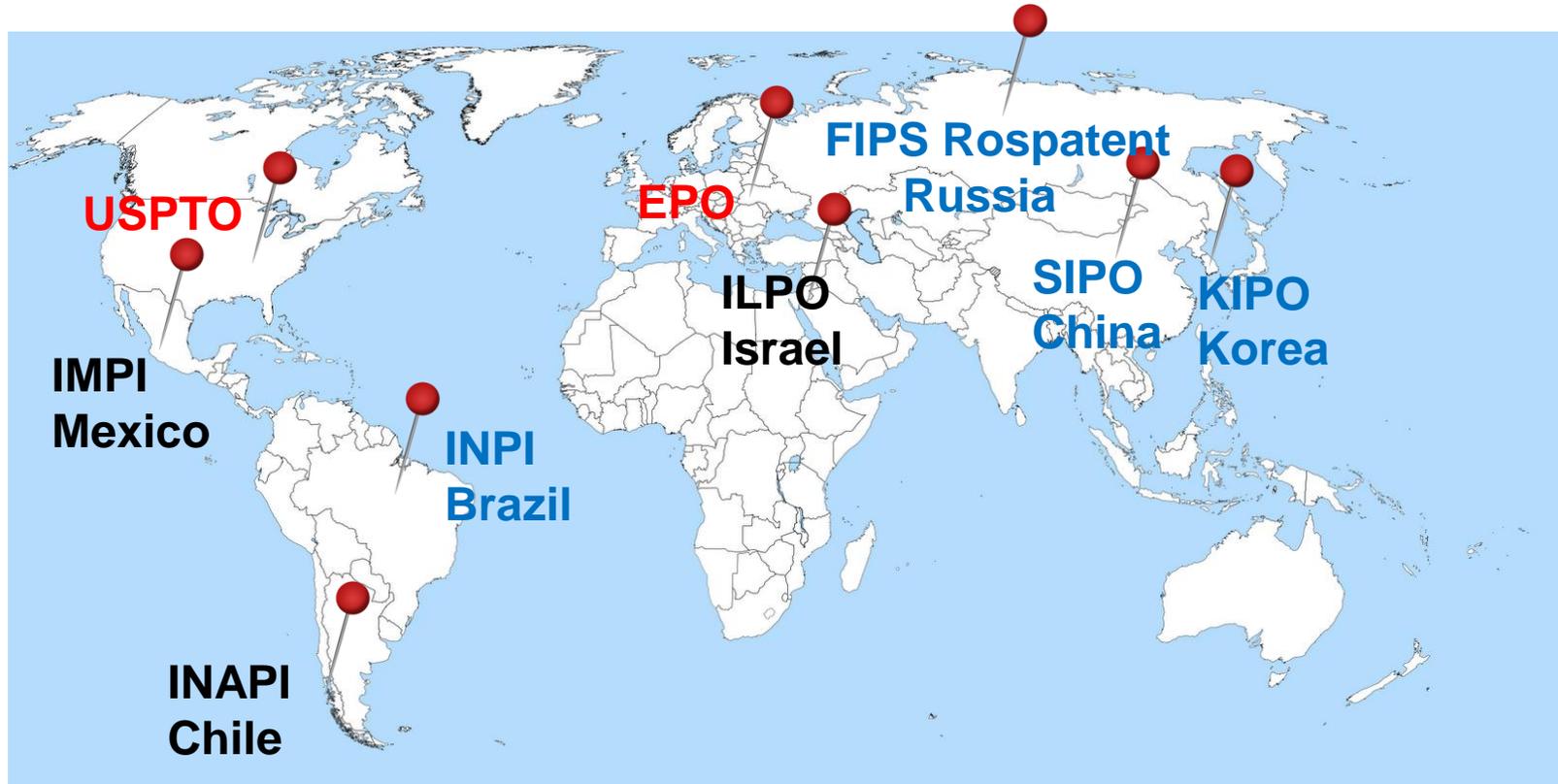
A handwritten signature in blue ink, appearing to read "David J. Kappos".

David J. Kappos

A handwritten signature in blue ink, appearing to read "Benoît Battistelli".

Benoît Battistelli

# Who's on board around the world?



- Furthermore, CPC is **used for search** by more than 45 Patent Offices and by more than **25 000 examiners**

# CPC goes International

- Patent Offices which have signed **agreements to classify into the CPC**: SIPO, KIPO, FIPS (Rospatent), INPI Brazil, ILPO Israel,
- Patent Offices which **currently classify in CPC** and provide data to the EPO (stored at **document level**):
  - ES, FI, GB, SE (former ECNO Offices)
  - AT, DK, GR, HU
- CPC is used by more than 25 000 examiners in more than 45 Patent Offices around the world – and the user community is growing ...



# What is the CPC ?

- The most refined IPC based classification system
- Entered into force on time on 1 January 2013
- Jointly administered by the EPO and the USPTO
- 260 000 symbols
- 626 “CPC Definitions”: ~50 000 pages of explanations
- High transparency via [www.cpcinfo.org](http://www.cpcinfo.org)



F16M11/2035 ●●● {in more than one direction}

F16M11/2042 ●●●● {constituted of several dependent joints}

F16M11/205 ●●●●● {the axis of rotation intersecting in a single point e.g. gimbal}

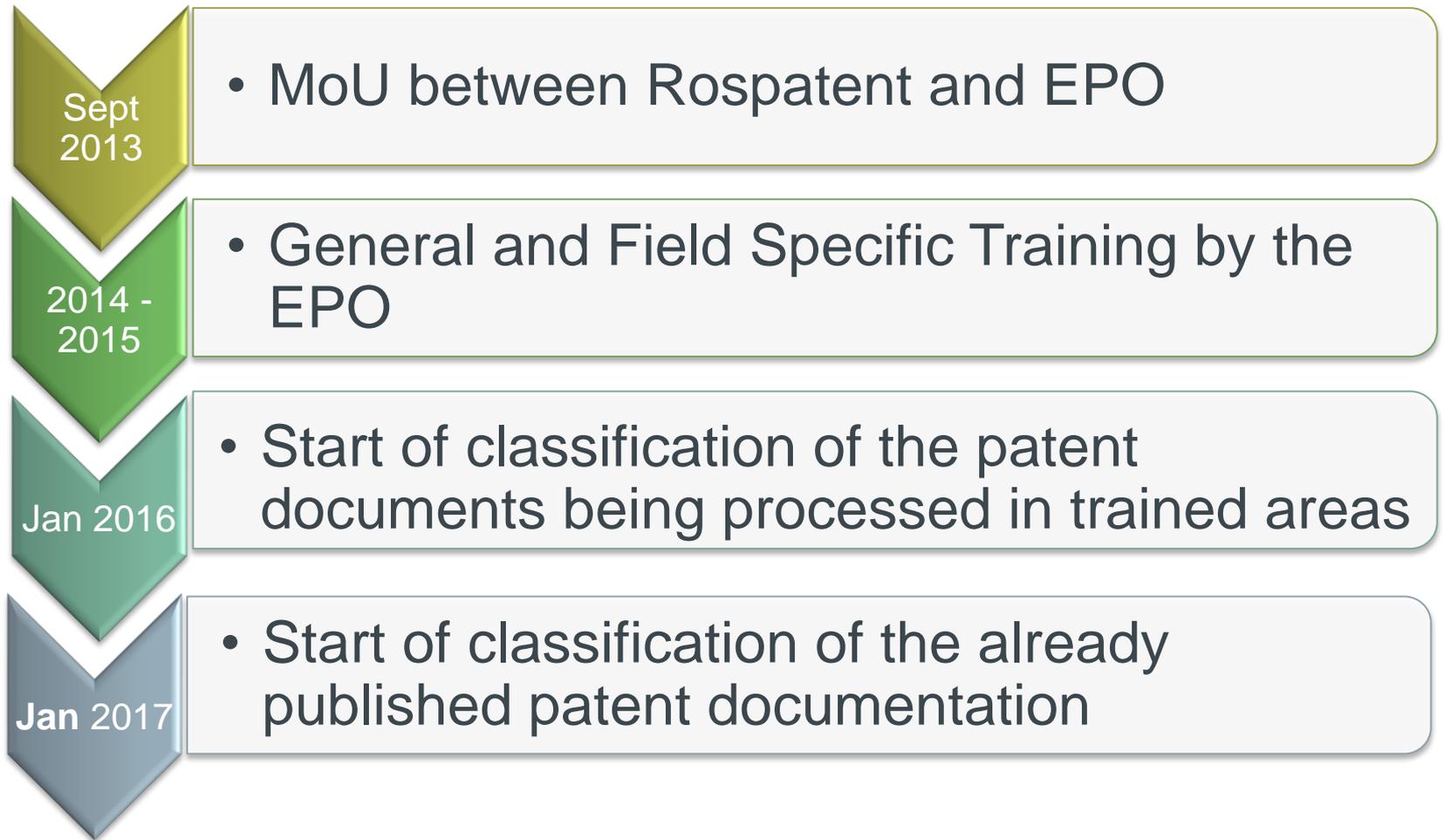
# COOPERATIVE PATENT CLASSIFICATION FEATURES

- Shared classification structure
  
- Reclassification of documents
- Synchronized CPCDB of all patent and family documents in the CPC;
  - a. CPCDB is the authoritative source of CPC classification data;
  - b. Classifying provisions set; and
  - c. Search provisions set.
  
- Under CPC the following is also provided:
  1. Consistent Training
  2. QA Program
  3. Collaborative Environment (CE).

# Implementation mode of the CPC Project with Rospatent

- **CPC Implementation group** was established
  
- **Regular meetings** twice a year:
  - Physical meeting
  - VICO Meetings
  
- **Alternate meetings**
  
- **CPC IG1** 17-19 March 2014 (Moscow)
  
- **In 2015**
  - CPC IG5 meeting was held between 28 and 29 April 2015 in Moscow
  - CPC IG6 VICO meeting was held on 8<sup>th</sup> September 2015
  - Next IG7 Physical Meeting in December in Munich (negotiated)

# CPC at Rospatent



## Rospatent – Timeline of the training

- **General and advanced training** at Rospatent (17-19 September 2014)
- **FST** in 4 technical fields at the EPO in TH (29 September 2014 – 3 October 2014)
- **FST in 70 technical fields** 4 batches of 1 week training at the Rospatent site in 2015 are ongoing (7<sup>th</sup> September to 2<sup>nd</sup> October 2015)

# Agreed Training Fields with Rospatent

<p><b>CHEMISTRY; METALLURGY</b> Organic Chemistry Pharmaceuticals Separation Water treatment Macromolecular compounds Inks adhesives</p>	<p><b>MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING ENGINES OR PUMPS</b> Gearings, Pipes, Shafts, Rotary bodies, Bearings, Valves</p>
<p><b>PERFORMING; OPERATIONS; TRANSPORTING</b> Packaging, Handling sheets, webs, cables</p>	<p><b>HUMAN NECESSITIES</b> Diagnosis; Surgery; Identification Electrotherapy; Magnetotherapy; radiation Therapy; Ultrasound therapy</p>
<p><b>ELECTRICITY</b> Dynamos, AC/DC conversion Supplying and distributing power Signalling, Traffic Control Systems Recognition and presentation of data, record carriers</p>	<p><b>PHYSICS</b> Optical elements Measuring properties of materials Xerography</p>

- 476 "field specific training" sessions have been held at the EPO via video conference and recorded at the USPTO. They are being made available to the Offices classifying in the CPC.

The screenshot shows a video conference interface. On the left, a PowerPoint slide titled "About the classification scheme for hydrocarbons" is displayed. The slide contains the following text:

**About the classification scheme for hydrocarbons**

- C07C1/00 to C07C15/62
  - IPC derived
  - used **only** for CPC "inventive" information
  - not used for "additional" information
- C07C2101/00 to C07C2531/38 (ECLA: C07M101-531)
  - not IPC based
  - used **only** for CPC "additional" information
  - relevant for hydrocarbons: C07C2101/00 to C07C2531/00
- C07B2200/00 to C07B2200/13
  - not IPC based
  - used **only** for CPC "additional" information

The use of C07C2#### and C07B2200/### according to the Definitions document (**Special Rules** for C07C) is compulsory.

On the right side of the interface, a video feed shows a man wearing a headset, identified as Paul O'Sullivan, Marc van Bergen. Below the video feed, a large black text box contains the following text:

and just to give you an example, if you have a particular process, which involves a condensed system having three rings, perhaps that three-ring condensed system won't be part of the invention information, however, you

At the bottom of the interface, there is a copyright notice: Copyright © 2012. Below that, there are controls for "Show/Hide Header" and "Show/Hide Chat".

## Volumes overview

- Our commitment and the commitment of our examiners is key

Country	Docs present in DocDB	Docs classified in CPC (DocB & CPCDB)	% Docs classified
Japan	16.420.277	3.906.848	23,8%
China	6.540.437	1.312.404	20,1%
Korea	2.405.373	689.397	28,7%
Brazil	497.297	293.591	59,0%
Russian Fed.	783.870	146.964	18,7%
India	54.363	23.682	43,6%

# Key Messages

- Our **commitment** and the commitment of our examiners is key
- The direction is clear: CPC has been **officially used**, now it is up to us all to follow this direction
- The **parallel use of ECLA and CPC will stop at a certain moment**, this should happen rather sooner than later
- In a few years the documents from the participating countries will not be classified by the NPOs anymore: **benefit realisation**
- At global level, **CPC is becoming a standard** - this is something we all can be proud of

# Importance of adoption of CPC by other offices

- *"It will make searching patents more efficient for patent examiners and the public alike, and improve the quality of the patent granting process. It is also a significant achievement in terms of harmonisation of our patent systems and the recognition of the CPC as a global system which can be used by many patent offices around the world."*

**Benoît Battistelli,**  
President of the EPO

- *"CPC is set to become the future of classification for the USPTO and the EPO. Together, we are engaging other major IP5 offices ... to expand the usage of CPC and explore future enhancements to the CPC system."*

**Teresa Stanek Rea,** Deputy Secretary  
Secretary of Commerce for Intellectual  
Property and Deputy Director of the USPTO

**Thank you!**