9th CPC Annual meeting with National Offices

15-16 March 2022
Agenda:

- CPC State of affairs
- CPC classification practice
- CPC upcoming changes and future developments
  - Maintenance of the CPC System
  - New project numbering from CPC 2022.05 onwards
  - Revamping of the CPC bilateral website
- USPTO News
- EPO News
CPC state of affairs

From a bilateral initiative to a global international classification system
# CPC coverage EPO core collection (3 January 2022)

<table>
<thead>
<tr>
<th>Country</th>
<th>Country Code</th>
<th>Total Number of Bibliographic Data Records (source: EPODOC on 03/01/2022)</th>
<th>Number of Bibliographic Data Records classified in CPC</th>
<th>% of Bibliographic Data Records classified in CPC</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPO</td>
<td>EP</td>
<td>3.916.222</td>
<td>3.914.280</td>
<td>100,0%</td>
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<tr>
<td>Austria</td>
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<tr>
<td>Belgium</td>
<td>BE</td>
<td>592.937</td>
<td>559.449</td>
<td>94,4%</td>
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<tr>
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<td>CH</td>
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<td>582.741</td>
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<td>5.094.389</td>
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<td>FR</td>
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<td>2.467.505</td>
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<tr>
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<td>2.175.488</td>
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<tr>
<td>Luxembourg</td>
<td>LU</td>
<td>64.597</td>
<td>63.580</td>
<td>98,4%</td>
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<tr>
<td>The Netherlands</td>
<td>NL</td>
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<td>543.097</td>
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<tr>
<td>ARIPO</td>
<td>AP</td>
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<tr>
<td>WIPO</td>
<td>WO</td>
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<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>39.699.070</strong></td>
<td><strong>36.704.471</strong></td>
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## CPC data sent by 21 CPC offices (3 January 2022)

<table>
<thead>
<tr>
<th>Country</th>
<th>Country Code</th>
<th>Number of applications classified by CPC office on 3 January 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>AU</td>
<td>14,920</td>
</tr>
<tr>
<td>Austria</td>
<td>AT</td>
<td>14,869</td>
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<tr>
<td>Brazil</td>
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<td>38,419</td>
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<tr>
<td>China</td>
<td>CN</td>
<td>7,426.684</td>
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<td>Czech Republic</td>
<td>CZ</td>
<td>5,014</td>
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<tr>
<td>Denmark</td>
<td>DK</td>
<td>2,460</td>
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<tr>
<td>EAPO</td>
<td>EA</td>
<td>9,097</td>
</tr>
<tr>
<td>Finland</td>
<td>FI</td>
<td>15,412</td>
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<tr>
<td>Greece</td>
<td>GR</td>
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<td>Hungary</td>
<td>HU</td>
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<tr>
<td>Israel</td>
<td>IL</td>
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<tr>
<td>Korea</td>
<td>KR</td>
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<tr>
<td>Mexico</td>
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<tr>
<td>Norway</td>
<td>NO</td>
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<tr>
<td>Portugal</td>
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<td>1,183</td>
</tr>
<tr>
<td>Romania</td>
<td>RO</td>
<td>317</td>
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<tr>
<td>Russian Fed.</td>
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<td>Spain</td>
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<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>12,019,498</strong></td>
</tr>
</tbody>
</table>

- **EPO core collection**
  - + CPC data from other offices
  - + Family propagation
  - + 1.5 Million NPL documents

### 64.9 million documents

64.9 million documents are now classified in the CPC as of 3 January 2022.
CPC classification practice

Promoting a harmonised and consistent use of the CPC for classification
Harmonisation plan EPO-USPTO

• Bilateral agreement on classification practice

• USPTO technical and classification experts meet with EPO Classification Quality Nominees (Class-QNs)

• Standardization of classification practice.
CPC training

• Starts with the CPC scheme and definitions
• Notes and references
• Guide to the IPC
• Guide to the CPC
CPC training material on cpcinfo.org

- E-Learning training modules
  - Introduction to the CPC
  - Using CPC in classification
  - Practical and strategic aspects of the CPC
  - CPC essentials

- CPC field-specific training material
  - Recorded lectures on CPCinfo.org (European Patent Academy)

- Training material on the use of Combination Sets (C-Sets)

https://www.cooperativepatentclassification.org/Training
CPC training material on cpcinfo.org – FST videos
Revamping the CPC website (cpcinfo.org)

- Website launched Oct 2012
- Needs to be revamped!
- Work has started
- Any feedback / ideas to cpc@epo.org; cpc@uspto.gov
CPC upcoming changes and future developments
CPC Release Schedule

- Four releases per year
- Announced under "Latest News" section on www.cpcinfo.org

[Four CPC releases in 2022:
- 1 January 2022  CPC 2022.01
- 1 February 2022  CPC 2022.02
- 1 May 2022  CPC 2022.05
- 1 August 2022  CPC 2022.08

Four CPC releases in 2023:
- 1 January 2023  CPC 2023.01
- 1 February 2023  CPC 2023.02
- 1 May 2023  CPC 2023.05
- 1 August 2023  CPC 2023.08]
CPC revisions – pre-release area

Pre-release

In this area of the website, CPC related material such as scheme files, notices of changes, concordances, etc, will be published about one month before official entry into force of this material.

The publication of the pre-released material started on 6 May 2014 concerning the June 2014 CPC scheme version (2014-06).

The pre-release will normally happen on the first Tuesday of a given month (for example Tuesday 6 May 2014) for entry into force on the first day of the following month (for example 1 June 2014).

5 January 2021: 2021.02 pre-released material:

- 2021.02 CPC Scheme in PDF and in XML
- 2021.02 CPC to IPC concordance in PDF, XML and TXT
- Notices of Changes related to the “2021.02 CPC Scheme”:
  - CPC Notice of Changes 1036-MP0499 (various)
  - CPC Notice of Changes 1037-MP0501 (C09.J)
CPC Notices of Changes (NoC) publications:

![CPC NOC Publications Bar Chart]

- **Revision Projects (RP)**
- **Definition Projects (RP)**
- **Maintenance Projects (RP)**

**CPC RELEASES**
- Jan-21
- Feb-21
- May-21
- Aug-21
- Jan-22
- Feb-22

**NO OF NOC PUBLISHED**
- Jan-21: 60
- Feb-21: 40
- May-21: 80
- Aug-21: 50
- Jan-22: 30
- Feb-22: 20

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Cooperative Patent Classification
European Patent Office

**CPC Revisions**

- Notice of Changes
- Projects
  - Revisions
  - CPC
  - CPC Conferences
  - CPC Training
  - Events
  - Publications

*Information will also be provided about ongoing CPC Scheme revision projects.*

Under the navigation title “Pre-release”, as of May 2014, material such as the pre-release scheme. notices of changes, concordances, will be made available to the public about one month ahead of official entry into force of the corresponding material.
Scheme Changes in 2021/2022:

- Number of created new symbols
- Number of deleted symbols

![Scheme changes in 2021/2022](chart.png)
Definition Changes in 2021/2022:

- Number of new definitions
- Number of modified definitions
- Number of deleted definitions

![Graph showing definition changes in 2021/2022](image)
## Combination Sets (C-Sets)

Subclasses where C-sets are authorized:

<table>
<thead>
<tr>
<th>CPC Section</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
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<td>B01D</td>
<td>C04B</td>
<td>D07B</td>
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<td>C05B</td>
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<td>G02B</td>
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<tr>
<td>A23V</td>
<td>B05D</td>
<td>C05C</td>
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<tr>
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<td>B22F</td>
<td>C05D</td>
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<tr>
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<td>B29C</td>
<td>C05F</td>
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<td>B32B</td>
<td>C05G</td>
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*Published in 2021*

New CPC project numbering as of CPC 2022.05

- From 2013 to 2021.02, projects used a set of parallel numbering, e.g. RP0001, RP0002, MP0001, MP0002, DP0001, DP0002.

- As a result of system upgrades, as of the CPC 2022.05 release the numbering system of CPC projects will be changed from parallel numbering to serial numbering. Furthermore, an extra digit will be added.

- The new numbering will be a single set of serial numbers with an extra leading digit, e.g. RP10001, DP10002, MP10003, MP10004, DP10005, RP10006 so that each project gets a unique number to eliminate any risk of confusion between projects of different types.
USPTO News
Update: Collaborative Environment (CE)
• Goal: Increase the quality and efficiency of Classification revision by enhancing work-sharing and information exchange between Intellectual Property (IP) Offices for revision projects

• Suite of bilateral collaboration tools, commonly referred to as the CPC Collaborative Environment (CPC-CE or CE), that replaced CPC e-Forum (CEF)
Current State

• Minimum Viable Product (MVP) launched bilaterally between the USPTO and the European Patent Office on 1 January 2022

• CEF decommissioned on 31 December 2021 by migrating all active projects to CE

• No access for other IP Offices
Next Steps

• Increase bilateral tool performance and capabilities
  – Platform stability
  – Complete Workflow Management System (WMS) functionality
  – Project Management Dashboards
  – Expand Advanced Editor functionalities to include enhanced Quality Validation and Direct Data Feed to Scheme Publication

• Phased expansion of CE to other IP Offices
  – Static data feeds on project status and timelines
  – Read capability of certain aspects of the CE WMS
  – Ability to provide input on current, as well as future, projects within CE
EPO News
CPC on EPO publications:

Register, Bulletin, EPO Bibliographic Data done in 2021!


Case 1: simple case: less than 15 CPC allocations

Case 2: more than 15 allocations and/or C-Sets

### Case 2: continuation of information

**EP 2 766 459 B1**

| (74) Representative: | ExxonMobil Chemical Europe Inc.  
| IP Law Europe  
| Hermeslaan 2  
| 1831 Machelen (BE) |
| (52) Cooperative Patent Classification (CPC): | (Cont.)  
C10N 2030/10; C10N 2030/12; C10N 2030/45;  
C10N 2030/52; C10N 2030/54; C10N 2030/66;  
C10N 2030/74; C10N 2040/25; C10N 2070/00  
C-Sets  
C10M 2203/1025, C10N 2020/02;  
C10M 2205/024, C10M 2205/026;  
C10M 2223/045, C10N 2010/04 |

**Display of C-Sets**

**CPC symbols continued (up to 15 symbols are displayed on the first page)**
CPC collective training events

CPC Training went online!

Collective Training Events in 2021
H01M, C08G, G05B, G01N1, A61N1, B01L3, G16H, H04N21
CPC collective training events - 2022

Spring sessions (online):

<table>
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<tr>
<th>OS09-2022 CPC Collective training</th>
<th>Virtual Classroom 1</th>
<th>Virtual Classroom 2</th>
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<tr>
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<td>2 May 2022</td>
<td>6 May 2022</td>
</tr>
<tr>
<td>B64G</td>
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<td>B65G</td>
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<td>13 May 2022</td>
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<td>19 May 2022</td>
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<td>A24F</td>
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<td>H02K</td>
<td>30 May 2022</td>
<td>3 June 2022</td>
</tr>
<tr>
<td>H01L33</td>
<td>27 June 2022</td>
<td>1 July 2022</td>
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</table>

Registration:
OS09-2022 CPC collective training, spring session
Deadline 27th April 2022

Autumn sessions (online):
- October – December 2022
- Fields to be determined
- Any suggestion? cpc@epo.org
External Classification Portal (ECP)

Providing services to CPC users

- Integrated into Single Access Portal
- **Two services available in production**: Contact Information Service and CPC Reclassification Service
- **Pilot** with CPC Working group members (8 offices)

Demo!
External Classification Portal: next steps

More services in the portal:
- Quality Monitoring Service
- AI-based CPC text categoriser
- CPC coverage reports
- IPC reclassification service
- ...

- More CPC offices to access the portal
Thank you for your attention!

More info?  
www.cpcinfo.org  
cpc@uspto.gov  
cpc@epo.org