CPC Implementation at KIPO

7th CPC Annual Meeting | 18 February 2020 | Geneva
I. CPC Classification for filed Applications
II. Reclassification in accordance with Revisions
III. CPC in Search
IV. CPC Training
V. Classification Revision
VI. CPC Data Exchange
I. CPC Classification for filed Applications
(And Classification result for Backfiles)
Classification for Newly Filed Applications

- **Classification for newly filed applications (Continued)**

  - KIPO has started assigning CPC to newly filed applications since 2015
    - IPC (from CPC by using CPC-IPC concordance table)

  - Classified for newly filed applications of whole technical fields
    (except PCT and KR applications with the prior application)
      - 185,167 documents in 2018
      - 194,325 documents in 2019

- Conducted by one contractor, PIPC
Classification of Backfiles

- **Classification of Backfiles from IPC to CPC (Completed)**
  - KIPO has started assigning CPC to Backfiles since 2014
  - Conducted by 7 contractors including PIPC (2014 ~ 2018)
  - About 2.9 millions backfile documents

<table>
<thead>
<tr>
<th>Year</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>The number of documents</td>
<td>120,420</td>
<td>231,902</td>
<td>821,441</td>
<td>1,020,254</td>
<td>674,421</td>
<td>2,868,438</td>
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- **Completed in 2018, 1 year earlier than originally planned**
II. Reclassification in accordance with Revisions
The Reclassification in accordance with CPC revisions has been conducted since the second half of 2018.

When CPC revisions come into force (YYYY), the documents that need to be reclassified are given a 『D』 symbol.

* 『D』 (Default transfer) means source of reclassification data

The 『D』 documents are monthly reclassified by the newest CPC version (in YYYY+1)

- Including Unpublished Documents
# Numbers of Reclassification

<table>
<thead>
<tr>
<th></th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
<th>Total</th>
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<tbody>
<tr>
<td>PIPC</td>
<td>-</td>
<td>8,871</td>
<td>16,447</td>
<td>24,735</td>
<td>20,523</td>
<td>17,826</td>
<td>13,525</td>
<td>5,150</td>
<td>6,975</td>
<td>6,935</td>
<td>7,872</td>
<td>4,712</td>
<td>156,821</td>
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<td>IPI</td>
<td>-</td>
<td>2,391</td>
<td>3,121</td>
<td>5,149</td>
<td>2,897</td>
<td>2,818</td>
<td>2,040</td>
<td>2,443</td>
<td>2,383</td>
<td>-</td>
<td>-</td>
<td>8</td>
<td></td>
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</table>
III. CPC in Search
KIPO introduced CPC pilot project in late 2013

CPC Searching has been used since 2016

Efforts to Activate CPC Searching
- Searching Contest by using CPC
- CPC Training (online / offline)
- CPC/IPC integrated Searching System (since July 1, 2017)
- **System for statistics on CPC utilization**

KIPO made a system to monitor the actual utilization of CPC in search.
CPC in Search

- Most Used Classification System in KIPO

< Use Ratio in KOMPASS >
IV. CPC Training
CPC Training at EPO / USPTO

- **CPC FST at EPO (2019)**
  - 1\(^{st}\) half (EPO Munchen, Apr), 4 Examiners, 3 Classifiers
  - 2\(^{nd}\) half (EPO Hague, Sep), 4 Examiners, 3 Classifiers

- **CPC FST at USPTO (2019)**
  - 2\(^{nd}\) half (Washington D.C., Nov), 5 Examiners

- About 20 Examiners & Classifiers per Year
- Examiners are nominated for CPC Expert Group
V. Classification Revision
IP5 Offices decide to revise IPC relating to NETs. (Jun, 2019)

- 3 technical fields including 3D printing (KIPO), AV (EPO/USPTO), IoT (JPO)
- More technical fields of NETs will be revised

But unlike IPC, KIPO is not involved in CPC revision process.
VI. CPC Data Exchange
Data Exchange with EPO

- **Using the EPO account on KIPO’s FTP server**
- **EPO receives Classification data in XML**
  - Application number, CPC/IPC, title of invention, action date, status code
- **KIPO receives CPC Information from WEB.**
### Data Exchange with EPO

- **CPC data delivery for KR documents**

<table>
<thead>
<tr>
<th>Delivery Year</th>
<th>Amount</th>
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<tbody>
<tr>
<td>2015</td>
<td>177,184</td>
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<tr>
<td>2016</td>
<td>391,810</td>
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<td>2017</td>
<td>3,689,853</td>
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<td>2018</td>
<td>1,399,315</td>
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<td>2019</td>
<td>547,297</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>6,205,459</strong></td>
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</table>
Thank you!