

# CPC Implementation at KIPO

7<sup>th</sup> CPC Annual Meeting | 18 February 2020 | Geneva



Korean Intellectual Property Office

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# **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

Year	2014	2015	2016	2017	2018	Total
The number of documents	120,420	231,902	821,441	1,020,254	674,421	2,868,438

- **Completed in 2018, 1 year earlier than originally planned**

## **II. Reclassification in accordance with Revisions**

# 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- **Including Unpublished Documents**

# Reclassification in accordance with Revisions

## ▪ Numbers of Reclassification

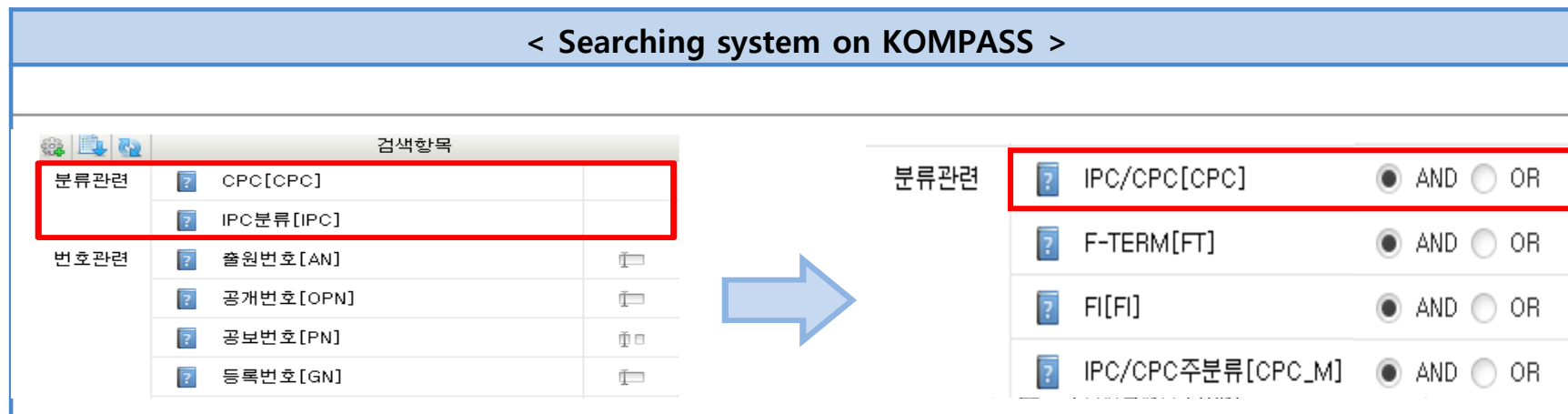
2019	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
PIPC	-	8,871	16,447	24,735	20,523	17,826	13,525	5,150	6,975	6,935	7,872	4,712	156,821
IPI	-	2,391	3,121	5,149	2,897	2,818	2,040	2,443	2,383	-	-	8	



# **III. CPC in Search**

# 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)



# CPC in Search

## ▪ System for statistics on CPC utilization

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

CPC분류 활용률 현황 < 특실분류 모니터링 < 통계/모니터링

조회조건 • 국: 특허심사기획국 • 과: • 파트: • 착수기간 2019.01.01 ~ 2019.11.11 조회

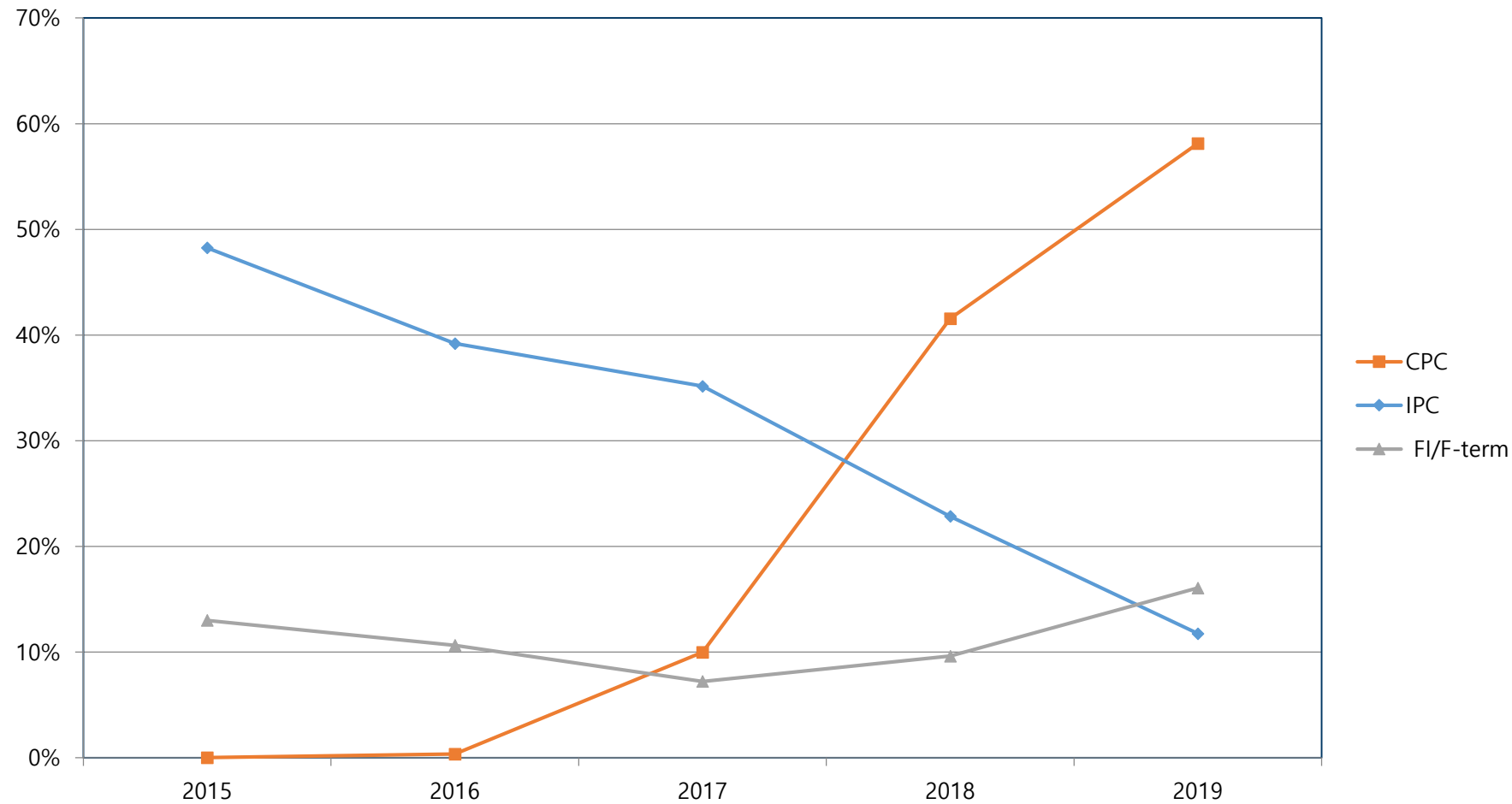
※ 활용률 산식 : 종결건 / 요소건(출원건 기준의 요소 분류가 많아도 1건으로 간주함)  
1) 종결 건 : 등록결정서 OR 거절결정서가 존재하는 출원건  
2) 요소 건 : IPC, CPC, F-Term/FI(서치분류가 많아도 1건으로 간주함)

CPC분류 활용률 현황 | 30 총 6건

No	담당자	종결건	IPC	CPC	F-Term/FI
1		180	3(1.67%)	149(82.78%)	6(3.33%)
2		159	31(19.50%)	49(30.82%)	16(10.06%)
3		122	10(8.20%)	99(81.15%)	9(7.38%)
4		155	3(1.94%)	122(78.71%)	23(14.84%)
5		133	7(5.26%)	31(23.31%)	10(7.52%)
6		267	3(1.12%)	235(88.01%)	6(2.25%)
합계		1016	57(5.61%)	685(67.42%)	70(6.89%)

# 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<sup>st</sup> half (EPO Munchen, Apr), 4 Examiners, 3 Classifiers
- 2<sup>nd</sup> half (EPO Hague, Sep), 4 Examiners, 3 Classifiers

- **CPC FST at USPTO (2019)**

- 2<sup>nd</sup> half (Washington D.C., Nov), 5 Examiners

**About 20 Examiners & Classifiers per Year**



**Examiners are nominated for CPC Expert Group**

# **V. Classification Revision**

# 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.**



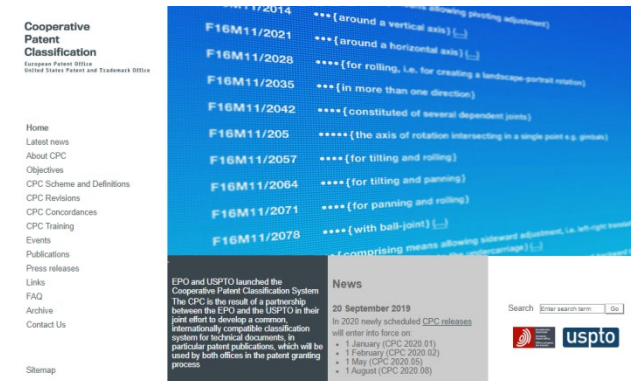
# **VI. CPC Data Exchange**

# 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.



XML CPC Data (once a month)



New & Amended Versions of DocDB info

# Data Exchange with EPO

## · CPC data delivery for KR documents

Delivery Year	Amount
2015	177,184
2016	391,810
2017	3,689,853
2018	1,399,315
2019	547,297
Total	6,205,459



특허청

Korean Intellectual Property Office

*Thank you!*