CPC Implementation at **KIPO**

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CPC Sixth Annual meeting, Geneva

Korean Intellectual Property Office

Agenda

- **Classification/Search**
- **Quality Assurance Process**
- **CPC Data Exchange**
- **CPC Training**

Classification / Search
under the CPC system
at KIPO

Policy on Classification

♦ **Classification**

- Since January 2015

- Classification for newly filed applications (all fields)

- Matching of IPC automatically (CPC-IPC Concordance Table)

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Policy on Classification

- **Examiners confirm CPCs assigned by PIPC**
- **IPC assigned automatically** (CPC-IPC concordance table)

CPC	H01L51/0508				
	1 H01L21/4807	2 C23C14/355	3 F16J15/064	4 H01L2221/00	5
	6	7	8	9	10
IPC	H01L51/05				
	1 H01L21/48	2 C23C14/35	3 F16J15/06	4	5
	6	7	8	9	10

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Policy on Classification

♦ **Classification of PCT applications using CPC since JUN 2016**

- **First, assigning CPC to PCT applications**

- **Second, matching with IPC (CPC-IPC Concordance Table)**

♦ **KR applications with the prior application (KR)**

- **If results of CPC classification exist, KIPO follows them automatically without intellectual classification**

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CPC-IPC Integrated Searching System

- **KOMPASS** enables CPC-based patent search. (since July 1, 2017)
- The system gets even better as sub-classifications can also be searched.

< **Classification Search on KOMPASS** >

Traditionally CPCs and IPCs should be searched separately; now the two search systems have been integrated into a single search tool, ensuring a more efficient CPC search.

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Status of backfile reclassification

▪ Roughly 2,900,000 backfiles were reclassified from 2014 to

2018, the reclassification of the entire backfiles was completed.

* In case of backfiles with family docs (EP, US), KR has referred to the

classification symbols of the family doc into KR docs.

▪ Achievement made 1 year faster than originally planned.

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

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Reclassification due to revisions

- The reclassification due to CPC revisions has been conducted every year from 2018.

- When CPC revisions come into force YYYY, classification symbols are temporarily reclassified by way of 'Default transfer', then they would be intellectually reclassified in YYYY+1.

  * The symbols would be given 'D'(for internal use) as 'source of classification data' values.

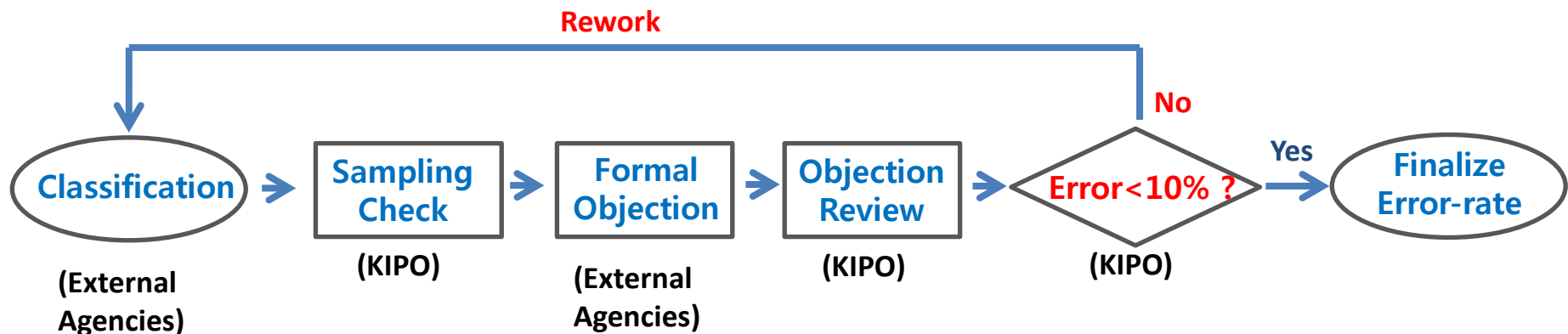# **Quality Assurance Process**
under the CPC system at KIPO

Quality assurance processes

- **Documents under examination**

  ☞ Examiners can add/delete/amend classification symbols on the documents under their examination.

- **Backfile reclassified by external agencies**

  ☞ Classification results by each classifiers are sampled every month, and evaluated by the TF team of examiners.

Rework

```
Classification → Sampling Check → Formal Objection → Objection Review → Error<10% ? →(Yes)→ Finalize Error-rate
                                                                              No (→ Rework)
```

Classification **(External Agencies)**

Sampling Check **(KIPO)**

Formal Objection **(External Agencies)**

Objection Review **(KIPO)**

Error<10% ? **(KIPO)**

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CPC Training

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CPC Training at EPO/USPTO

☐ **In 2018**

- CPC FST at EPO
  - 1st (EPO Munchen, April)
  - 2nd (EPO Hague, October)
- CPC FST at USPTO
  - 1st (USPTO Alexandria, November)

☐ **In 2019**

- CPC FST at EPO
  - 1st (EPO Munchen, April)
  - 2nd (EPO Hague, October)
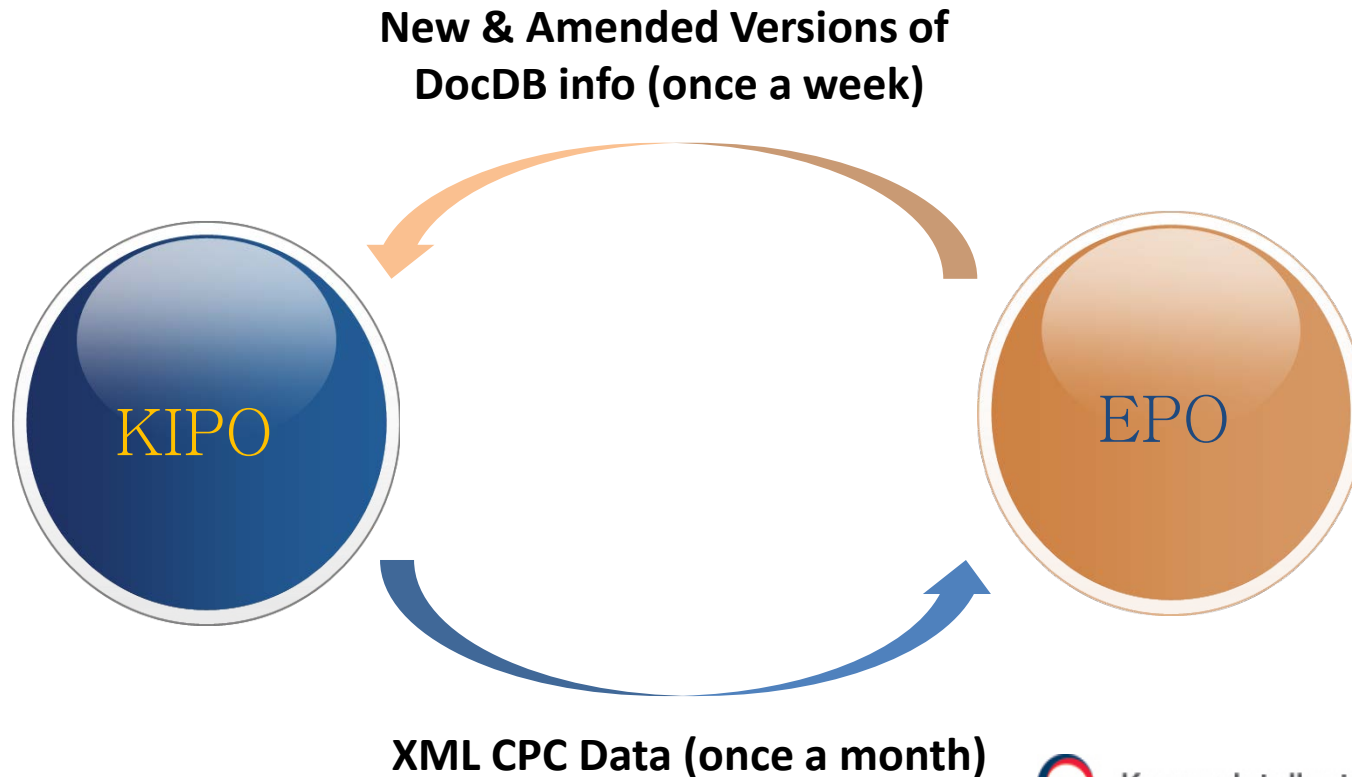- CPC FST at USPTO
  - To Be Determined

CPC Data Exchange

with EPO

CPC Data Exchange

■ EPO sends regular reports on CPC data loading, and in return KIPO takes actions on identified errors.

New & Amended Versions of DocDB info (once a week)

KIPO

EPO

XML CPC Data (once a month)

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CPC Data Exchange

♦ **Recent status**

- ▪ '14.06 : MOU relating to CPC (KIPO-EPO Heads Meeting)

- ▪ '15.07 : 1st uploading (141,000 applications)

  ~ '18.12 : 42th uploading (7,575 applications)

Year	2015	2016	2017	2018.12.
The number of documents	**177,184**	**385,086**	**1,378,030**	**1,723,071**

Thank You

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