New Approach to Establishing Alerting Service

IP5 WG2 Virtual Meeting | February-March 2021

Korean Intellectual Property Office

Background

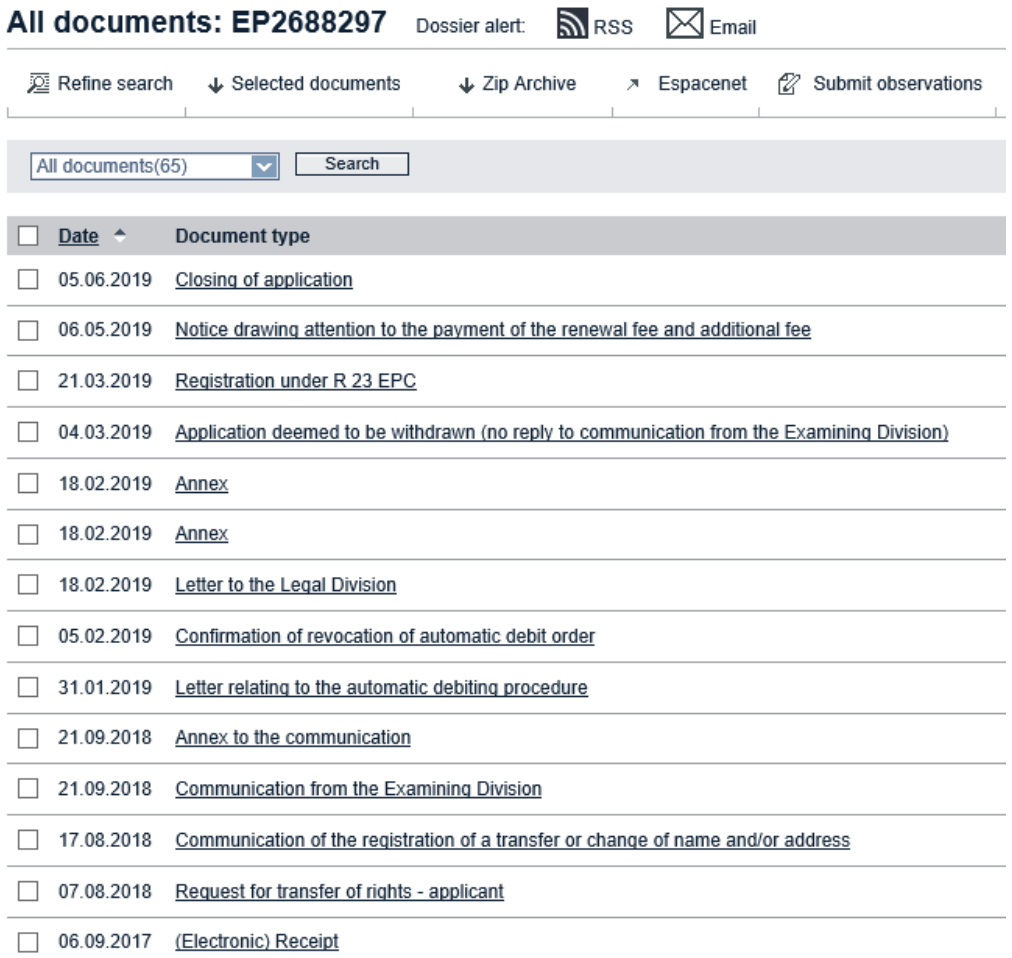
- As the lead office of Alerting, EPO launched integrated RSS service for EPO-CNIPA family applications from May 2017 and suggested to develop IP5 family alerting service.

- KIPO launched RSS service for KIPO applications from December 2017. In addition, in WG2 meeting 2020, KIPO mentioned it was considering to provide integrated RSS service of family applications using OPD data, without integrating other offices' RSS.

- KIPO has implement the pilot project and launched the service in June 2020.

Data structure: DocList vs. RSS

- DocList data retrieved from OPD service and RSS data that each office provides have similar contents and structures.



<DocList>

<RSS>

Data structure: DocList vs. RSS

- Structurally, DocList data can be converted to RSS feed data

<DocList>

```
<available-document>
    <document-code>2058</document-code>
    <document-phase>Search/Exam</document-phase>
    <document-group>unknown</document-group>
    <npl>false</npl>
    <document-description lang="fr">Clôture de la procédure</document-description>
    <document-description lang="de">Abschluss des Verfahrens</document-description>
    <document-description lang="en">Closing of application</document-description>
    <document-format>application/pdf</document-format>
    <document-format>image/tiff</document-format>
    <document-identifier>E3E1WBDD4308892</document-identifier>
    <legal-date>2019-06-05</legal-date>
    <number-of-pages>1</number-of-pages>
</available-document>
```

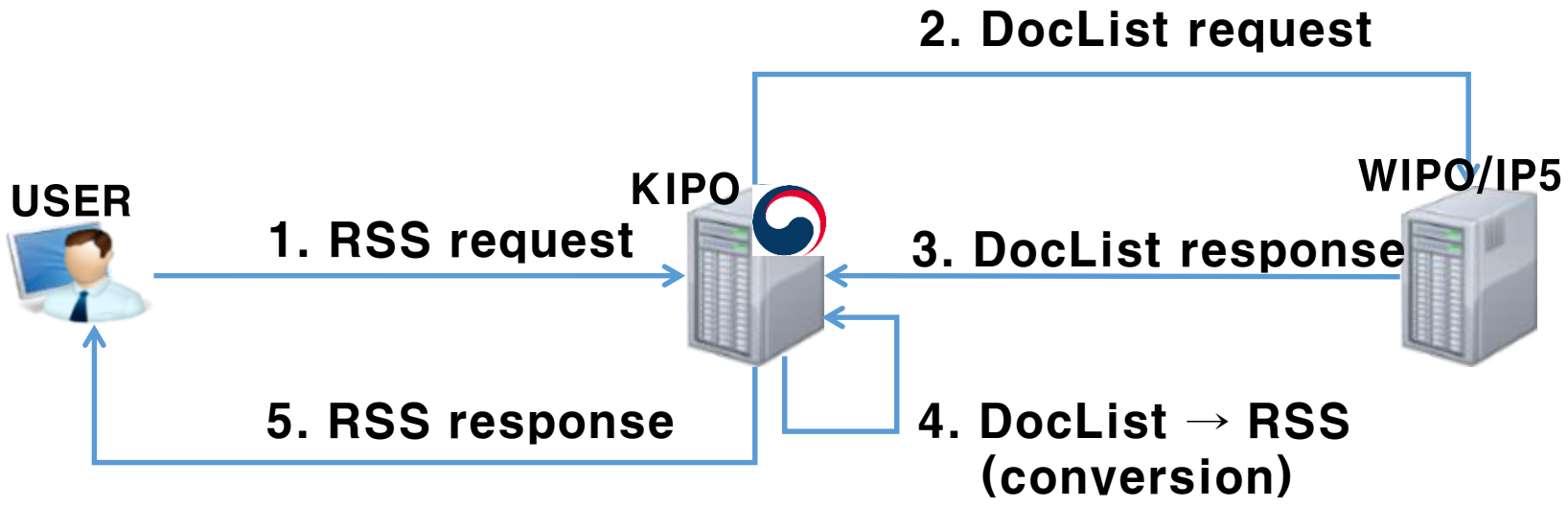
<RSS>

```
<item>
  <title>EP12756927: Closing of application</title>
  <link>https://register.epo.org/application?number=EP12756927&amp;documentId=E3E1WBDD4308892&amp;lng=en</link>
  <pubDate>Tue, 04 Jun 2019 22:00:00 GMT</pubDate>
  <guid>https://register.epo.org/application?number=EP12756927&amp;documentId=E3E1WBDD4308892&amp;lng=en</guid>
  <dc:date>2019-06-04T22:00:00Z</dc:date>
  <epr:procedure>Search/Exam</epr:procedure>
  <epr:pages>1</epr:pages>
</item>
```

System Improvement

- If the request for RSS service is applied, KIPO retrieves DocList data using OPD system, converts it to RSS feed and provide RSS service. All these processes are implemented in real time, and DocContents are also provided in the same way.

- This approach does not need the cooperation with other offices and can provide the integrated RSS service for all the family applications retrieved from OPD, including even ones of the office not providing its own RSS service.



Family RSS Service

- To apply the integrated RSS service, ①users click “family RSS“ button, ② select the applications that they want to retrieve and ③click “RSS view” button

- As you can see on the image below, the integrated RSS feed can be established for all the family application

Suggestion

- Because this approach can be implemented independently by each office, without cooperation with other offices, KIPO thinks it can be the most appropriate one that all the offices can improve the integrated RSS service for IP5 family applications easily.

- If there are any other problems and constraints, KIPO thinks it is desirable IP5 offices to improve the integrated RSS service according to this approach and provide it to users.

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Thank you!