

# 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.

All documents: EP2688297 Dossier alert: RSS Email

Refine search   Selected documents   Zip Archive   Espacenet   Submit observations

All documents(65)

<input type="checkbox"/>	Date	Document type
<input type="checkbox"/>	05.06.2019	<a href="#">Closing of application</a>
<input type="checkbox"/>	06.05.2019	<a href="#">Notice drawing attention to the payment of the renewal fee and additional fee</a>
<input type="checkbox"/>	21.03.2019	<a href="#">Registration under R 23 EPC</a>
<input type="checkbox"/>	04.03.2019	<a href="#">Application deemed to be withdrawn (no reply to communication from the Examining Division)</a>
<input type="checkbox"/>	18.02.2019	<a href="#">Annex</a>
<input type="checkbox"/>	18.02.2019	<a href="#">Annex</a>
<input type="checkbox"/>	18.02.2019	<a href="#">Letter to the Legal Division</a>
<input type="checkbox"/>	05.02.2019	<a href="#">Confirmation of revocation of automatic debit order</a>
<input type="checkbox"/>	31.01.2019	<a href="#">Letter relating to the automatic debiting procedure</a>
<input type="checkbox"/>	21.09.2018	<a href="#">Annex to the communication</a>
<input type="checkbox"/>	21.09.2018	<a href="#">Communication from the Examining Division</a>
<input type="checkbox"/>	17.08.2018	<a href="#">Communication of the registration of a transfer or change of name and/or address</a>
<input type="checkbox"/>	07.08.2018	<a href="#">Request for transfer of rights - applicant</a>
<input type="checkbox"/>	06.09.2017	<a href="#">(Electronic) Receipt</a>

<DocList>

Dossier documents for application EP12756927

자주 업데이트되는 콘텐츠를 가진 피드를 보고 있습니다. 피드에 가입하면 일반 피드 목록에 추가됩니다. 피드의 업데이트된 정보는 자동으로 사용자의 컴퓨터로 다운로드되며 Internet Explorer 또는 다른 프로그램에서 볼 수 있습니다. 피드에 대해 자세히 알아봅니다.

이 피드에 가입

[EP12756927: Closing of application](#)

2019년 6월 5일 수요일, 오전 7:00:00 →

[EP12756927: Notice drawing attention to the payment of the renewal fee and additional fee](#)

2019년 5월 6일 월요일, 오전 7:00:00 →

[EP12756927: Registration under R 23 EPC](#)

2019년 3월 21일 목요일, 오전 8:00:00 →

[EP12756927: Application deemed to be withdrawn \(no reply to communication from the Examining Division\)](#)

2019년 3월 4일 월요일, 오전 8:00:00 →

[EP12756927: Annex](#)

2019년 2월 18일 월요일, 오전 8:00:00 →

[EP12756927: Annex](#)

2019년 2월 18일 월요일, 오전 8:00:00 →

<RSS>

# Data structure: DocList vs. RSS

## ❖ Structurally, DocList data can be converted to RSS feed data

```
<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>
```

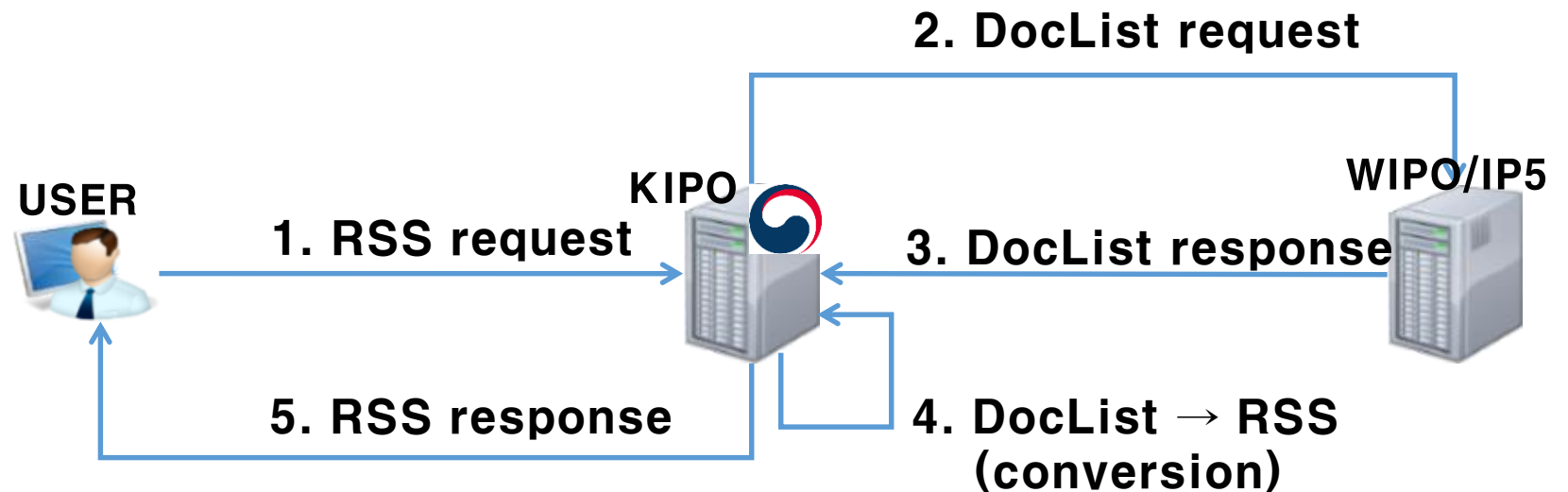
<DocList>

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

<RSS>

# 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, ① users click “family RSS” button, ② select the applications that they want to retrieve and ③ click “RSS view” button
- ❖ As you can see on the image below, the integrated RSS feed can be established for all the family application

The image shows a multi-step process for setting up a Family RSS feed. On the left, a web portal titled 'opd+ 국제특허심사공유시스템 ONE PORTAL DOSSIER' has a '패밀리 정보' (Family Information) section with a '패밀리 RSS' button circled in red and labeled ①. Below this is a table of applications with checkboxes for selection. A '조회' (Search) button is also present. In the center, a '패밀리 RSS 통합 조회' (Family RSS Integrated Search) window is shown with a list of applications and checkboxes. The checkbox for 'KR. 20110004599.A' is checked and labeled ②. At the bottom of this window, an 'RSS 보기' (RSS View) button is circled in red and labeled ③. On the right, a 'Windows Internet Explorer' window displays the resulting RSS feed for the selected application, showing a list of patent notifications and search results with dates and links.

출원번호	출원번호
<input checked="" type="checkbox"/>	KR. 20110004599.A
<input checked="" type="checkbox"/>	CN. 201110076986.A
<input type="checkbox"/>	CN. 201210234282.A
<input type="checkbox"/>	EP. 11168932.A
<input type="checkbox"/>	JP. 2010257424.A
<input type="checkbox"/>	US. 201113154023.A
<input type="checkbox"/>	US. 201414307630.A

① 패밀리 RSS

② KR. 20110004599.A

③ RSS 보기

KR.20110004599.A;CN.201110076986.A;  
자주 업데이트되는 콘텐츠를 가진 피드를 보고 있습니다. 피드에 가입하면 일반 피드 목록에 추가됩니다. 피드의 업데이트된 정보는 자동으로 사용자의 컴퓨터로 다운로드되며, Internet Explorer 또는 다른 프로그램에서 볼 수 있습니다. 피드에 대해 자세히 알아보십시오.  
이 피드에 가입

CN.201110076986.A:Notification to Grant Patent Right for Invention (TRANSLATED)  
2012년 4월 27일 금요일, 오전 9:00:00 →

CN.201110076986.A:Notification to Grant Patent Right for Invention (ORIGINAL)  
2012년 4월 27일 금요일, 오전 9:00:00 →

CN.201110076986.A:First search (ORIGINAL)  
2012년 3월 8일 목요일, 오전 9:00:00 →

CN.201110076986.A:Invention Publication (ORIGINAL)  
2011년 12월 28일 수요일, 오전 9:00:00 →

KR.20110004599.A:등록결정서 (TRANSLATED)  
2011년 6월 3일 금요일, 오전 9:00:00 →

KR.20110004599.A:등록결정서 (ORIGINAL)  
2011년 6월 3일 금요일, 오전 9:00:00 →

KR.20110004599.A:[출원서등 보정]보정서 (TRANSLATED)  
2011년 4월 27일 수요일, 오전 9:00:00 →

# 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.



Korean Intellectual Property Office

***Thank you!***