



Oifig Maoine Intleachtúla na hÉireann  
Intellectual Property Office of Ireland

# Implementation of ST.37 and the Authority File production by the Intellectual Property Office of Ireland (IPOI)

Committee on WIPO Standards (CWS), Thirteenth session  
Geneva, November 10-14, 2025



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# Development and Implementation



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- This project originated from our involvement in the Quality @Source 2021 initiative, under the EPO-IPOI cooperation agreement →
- Tasked with generating Authority File (AF) complying with data quality specifications
- System reconfigured by external developers for in-system AF generation
- XML output mandated to conform to ST.37 Version 2.2



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- Customisable parameters: date of publication, kind codes, patent types, etc., enabling tailored statistical outputs →
- Initial output lacked kind code for priority documents – resolved with further development →
- System reconfigured to fully comply with ST.37 v2.2
- 2025 first publication on the WIPO portal



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# Current State



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- IE AF extraction covers utility models and full-term patents (1989–present)
- The data is in XML format and includes minimum data elements (paragraph 8) + priority application identification of the corresponding publication (paragraph 9(b)) as per ST.37 v.2.2
- Data split into separate files for accessibility
- Kind code changes post-2019 clearly explained in the Definition File



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- Data retrieved directly from internal system Ptolemy, converted into XML format and spot-checked for consistency
- Published on IPOI website; linked via WIPO AF portal
- Updated and published twice yearly



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# Challenges and further development



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- If ST.37 v3 becomes mandatory, the IPOI will require recruitment of external resources and procedural changes
- Ongoing efforts to extend coverage to documents published between 1927–1989
- Goal: publish complete bibliographic data for all documents from 1927 onward



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**Thank you**



Ptolemy

Help

Accepto

Type

- IE Authority File  
 WIPO Authority File

Search

Publication Date

From

to

Application No.

Date of publication of grant

From

to

Grant No.

Application Date

From

to

Document Type

**New Kind Codes**

Application Document - New Kind Codes

- FT application with Search Report (A1)  
 FT application without Search Report (A2)  
 FT search Report (A3)  
 ST application (U1)

**New Kind Codes**

Grant Document - New Kind Codes

- FT granted Patent (B1)  
 FT post grant amendment (C1)  
 ST granted Patent (Y1)  
 ST post grant amendment (Z1)

Other

- Sec 66 ST post grant Search Report (Y3)  
 Missing kind code (M)

**Old Kind Codes**

Application Document - Old Kind Codes pre-2020

- FT application (A1)  
 ST application (A2)

**Old Kind Codes**

Grant Document - Old Kind Codes pre-2020

- FT granted patent (B1)  
 FT post grant amendment (B8)  
 ST granted patent (B2)  
 ST post grant amendment (B9)

Other

- Missing kind code (M)

Clear search

Extract

Display Previous

Close



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### Ireland (IE)



### Country Card

Data Quality project

Snapshot date: 28.06.2021

Status	European Patent Network	Objectives	Achievements	Proposed Improvements
	<b>% of MS delivering</b>			
	84%	Completeness of Bibliographic data (XML St.36)	All minimum required Biblio data elements delivered - Total records: 121.387	A list was sent to IE Office about missing A1/A2 & B1 documents from 1930 till 1978 where we only have IE-L publications (separately published abstract). They have not yet been delivered
		Timeliness of Bibliographic data	Monthly	N.A.
	84%	Completeness of Image data (PDF)	All required sub-parts correctly bookmarked – Total records: 91.844 plus 71.751 IE-L (separately published abstract)	Collection complete, including backfile images (1930-today)
		Timeliness of Image data	Monthly	N.A.
	55%	Authority File	None	IE Office to deliver a complete Authority File compliant with the Data Quality specifications