

8th ASEAN IP Register Coordinators Meeting

Topic 11 - Authority Files and Full-Text Patent Data and ASEAN IP Register Data Quality Status

*WIPO IP Office Business Solutions
Online, May 6, 2025*

Outlines

- Business Benefits and Scope
- Implementation guideline
- Technical infrastructure (ASEAN IP Register platform)

Business Benefits and Scope

- Business benefits
 - To enhance data accuracy
 - To assess data completeness
 - To ensure data integrity and consistency
- Implementation Scope
 - Authority File in text format (WIPO ST.37)
 - Definition file optional but crucial
 - Full-text patent data (searchable text added for the purposes of PCT minimum documentation)

Implementation Guideline 1/3

- Authority files in text format (WIPO ST.37) should be updated monthly or bi-monthly by the originating IP Offices and made available publicly (i.e. https://www.wipo.int/en/web/standards/authority_file)

```
OFCO, PBNB, PBKC, PBDT, ABST, DESC, CLMS  
PH, 1/2006/00501916, U3, 2013-06-19, ABST-en, DESC-en, CLMS-en  
PH, 1/2006/00501934, U3, 2013-04-17, ABST-en, DESC-en, CLMS-en  
PH, 1/2006/00502030, U3, 2013-02-15, ABST-en, DESC-en, CLMS-en  
PH, 1/2006/00502334, U3, 2013-02-20, ABST-en, DESC-en, CLMS-en  
PH, 1/2007/00500599, U3, 2013-06-19, ABST-en, DESC-en, CLMS-en  
PH, 1/2007/00500960, U3, 2013-07-19, ABST-en, DESC-en, CLMS-en  
PH, 1/2007/00500968, U3, 2014-09-12, ABST-en, DESC-en, CLMS-en  
PH, 1/2007/00500979, U3, 2013-12-11, ABST-en, DESC-en, CLMS-en
```

Implementation Guideline 2/3

■ Authority file definition (can be generated with the content of an authority file)

DEFINITION FILE FOR XX AUTHORITY FILE

This definition file relates to the following authority file: {PH_AF_20250501}

Date of production

2025-05-01

Data coverage

Public PH documents from 1991-01-01 to {2004-12-01}.

The PH authority file lists all PH patent and PH utility model publications. Coverage according to document type and kind-of-document code (see Part 7.3 of the WIPO Handbook for details on kind codes):

Type	Kind Code	Total
Patent Application	A1	282'389
Patent Granted	B1	192'290
Utility Model Application	U	37'292

Used options

- Application information is provided where available
- Priority data not included
- Availability of abstract, description and claims of the publication in text-searchable format
- Publication Exception Codes are not used

WIPO Standard ST.37

<https://www.wipo.int/export/sites/www/standards/en/pdf/03-37-01.pdf>

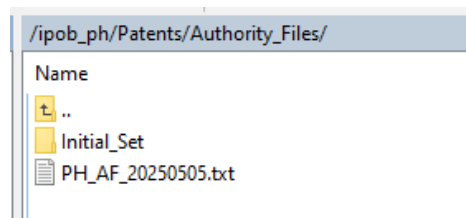
Implementation Guideline 3/3

- Patent full-text data in ST.96 XML format (application details, publication details, priority details, applicant and inventor details, title, abstract description, claims)

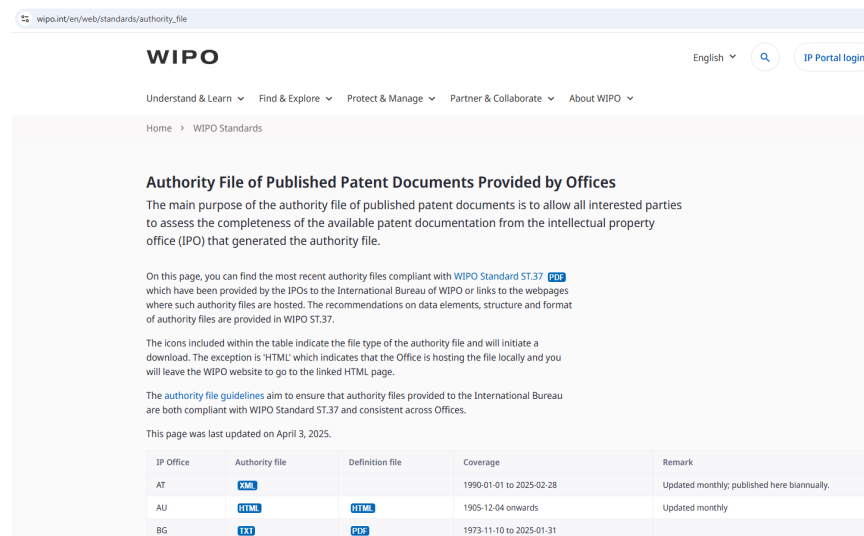
```
<?xml version="1.0" encoding="UTF-8" ?>
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xsi:schemaLocation="http://www.wipo.int/standards/XMLSchema/ST96/Patent http://www.wipo.int/standards/XMLSchema/ST96/V9_0/Patent/Document/PatentPublication_V9_0.xsd" com:st96Version="V9_0" com:languageCode="en"
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    </pat:InventionTitleBag>
    <pat:PartyBag>
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  </pat:BibliographicData>
  <!--
    <pat:Description com:id="description">
      <com:P com:id="p-0002" com:pNumber="0001">This application is a Divisional of co-pending U.S. patent application Ser. No. filed in Japan on Nov. 8, 2007, all of which are hereby expressly incorporated
    </pat:Description>
  -->
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    <com:P>BINDING PROTEINS</com:P>
    <com:P com:id="p0002" com:pNumber="0002">
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      <com:P com:id="p0004" com:pNumber="0004">[0001]The human epidermal growth factor receptor (HER) family comprises four distinct receptor tyrosine kinases referred to as HER1 (or erbB1), HER2 (or erbB2), HER3 (or
      erbB3), and HER4 (or erbB4). HER1 is also commonly referred to as epidermal growth factor receptor (EGFR). With the exception of HER3, these receptors have phospho-acceptor target specific intrinsic protein tyrosine
      kinase activities. Members of the HER family are expressed in most epithelial cells as well as in a number of different tumor cell types. For example, receptors of the HER family are expressed in tumor cells of
      epithelial origin, and of mesenchymal origin. Moreover, HER receptor tyrosine kinases are involved in cell proliferation and angiogenesis, which are associated with diseases such as cancer. For example, EGFR is
      frequently over-expressed or aberrantly activated in breast cancers, liver cancers, kidney cancers, leukemia, bronchial cancers, pancreatic cancers and gastrointestinal cancers such as colon, rectal or stomach
      cancers. High levels of the EGF receptor also correlate with poor prognosis and response to treatment (Wright et al., 1992, Br. J. Cancer 65: 118-121). Thus, disruption of signal transduction from and to these
      kinases would have an anti-proliferative, and as such, therapeutic effect upon a number of cancer and tumor cell types.</com:P>
      <com:P com:id="p0005" com:pNumber="0005">[0002]The enzymatic activity of receptor tyrosine kinases can be stimulated by over-expression and/or by ligand-mediated dimerization (Heldin, 1995, Cell 80:213-223).
      Activation of receptor homodimers and heterodimers results in phosphorylation of tyrosine residues on the receptors, which in turn phosphorylate tyrosine residues of other molecules, including intracellular proteins.
      (Ullrich et al., 1990, Cell 61:203-212). This is followed by the activation of intracellular signaling pathways such as those involving the mitogen-activated protein kinase (MAP kinase) (Dhillon et al., 2007,
      Oncogene 26: 3279-3290) and the phosphatidylinositol 3-kinase (PI3 kinase). While activation of these pathways has been shown to increase cell proliferation and inhibit apoptosis, inhibition of signaling mediated by
      HER family members by either small molecule inhibitors or monoclonal antibodies has been shown to inhibit cell proliferation and promote apoptosis (Prenzel et al., 2001, Endocr. Relat. Cancer 8: 11-31)</com:P>
    </pat:Description>
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</pat:PatentPublication>
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Technical infrastructure

- Data sharing through ASEAN IP Register platform (sftp.wipo.int)



- Authority files and definition files publicly available through WIPO website



WIPO

English IP Portal login

Understand & Learn Find & Explore Protect & Manage Partner & Collaborate About WIPO

Home > WIPO Standards

Authority File of Published Patent Documents Provided by Offices

The main purpose of the authority file of published patent documents is to allow all interested parties to assess the completeness of the available patent documentation from the intellectual property office (IPO) that generated the authority file.

On this page, you can find the most recent authority files compliant with [WIPO Standard ST.37](#)  which have been provided by the IPOs to the International Bureau of WIPO or links to the webpages where such authority files are hosted. The recommendations on data elements, structure and format of authority files are provided in WIPO ST.37.

The icons included within the table indicate the file type of the authority file and will initiate a download. The exception is 'HTML' which indicates that the Office is hosting the file locally and you will leave the WIPO website to go to the linked HTML page.

The [authority file guidelines](#) aim to ensure that authority files provided to the International Bureau are both compliant with WIPO Standard ST.37 and consistent across Offices.

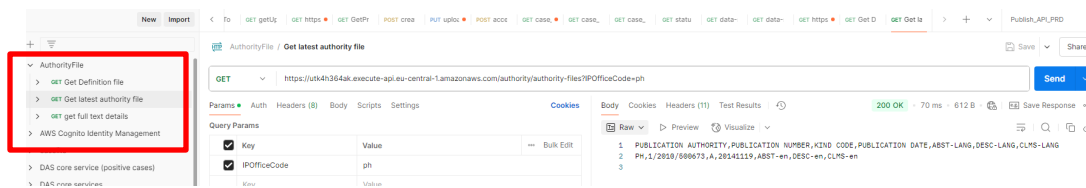
This page was last updated on April 3, 2025.

IP Office	Authority file	Definition file	Coverage	Remark
AT			1990-01-01 to 2025-02-28	Updated monthly; published here biannually.
AU			1905-12-04 onwards	Updated monthly
BG			1973-11-10 to 2025-01-31	

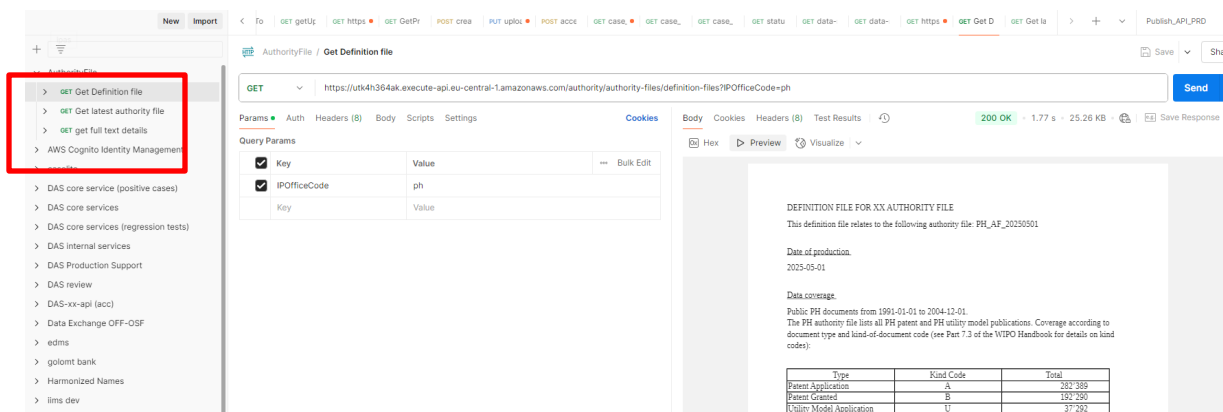
- Searchable full-text patent data available to ISAs through api with authentication and authorization controls

Authority File API

- Authority files and definition files publicly available through WIPO website (two service endpoints)
`https://{hostname}/authority/authority-files?IPOfficeCode=ph`



`https://{hostname}/authority/authority-files/definition-files?IPOfficeCode=ph`



Authority File API

- Searchable full-text patent data available to ISAs through api
`https://{hostname}/authority/authority-files/publications/full-texts?IPOfficeCode=ph&publicationNumber=PH12010500673&publicationDate=20141119`

The screenshot displays a REST client interface with a sidebar on the left containing a list of API endpoints. The endpoint `GET get full text details` is highlighted with a red box. The main panel shows the details of a GET request to the URL `https://utk4h364ak.execute-api.eu-central-1.amazonaws.com/authority/authority-files/publications/full-texts?IPOfficeCode=ph&publicationNumber=PH12010500673&publicationDate=20141119`. The response is an XML document with a status of 200 OK.

Query Params

Key	Value
IPOfficeCode	ph
publicationNumber	PH12010500673
publicationDate	20141119

XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
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    <pat:PatentPublicationIdentification>
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      <pat:PublicationNumber>1/2010/500673</pat:PublicationNumber>
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```