



SEP Information in PATENTSCOPE – One Year On

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WIPO's Commitment

Support the global SEP community by serving as a trusted source of information and data

The Challenge

- Essentiality Information is scarce and scattered
- Public Sources do not reveal actual patent content



Our Solution



- ✓ Integration of SEP Information in our patent database PATENTSCOPE

Standard Developing Organizations

- The European Telecommunications Standards Institute (ETSI)
- The Institute of Electrical and Electronics Engineers (IEEE) Standards Association (IEEE SA)
- The International Telecommunications Union, Telecommunication Standardization Sector (ITU-T)

Patent Pool Administrators

- Sisvel (for their 5G Multimode, Wi-Fi6 Multimode, Cellular IoT, MIOTY and DVB licensing programs)
- Via Licensing Alliance (for their AAC, AVC/H.264 and Qi Wireless Power licensing programs)

Declared as Standard Essential

- 450,000+ distinct PATENTSCOPE applications declared essential (*up from 206,000*)
- 2,000,000+ Patent-to-Standard relationships (*up from ~700,000*)
- Data current as of 2025 / mid-2026 for ETSI

Connection Success ratio:

ITU: 89%

IEEE: 97%

ETSI: 93%

Essentiality Verified by Patent Pools



Sisvel

- 9,000+ publication numbers → 4,200 distinct applications
- 8 licensing programs (DVB-S2, DVB-S2X, DVB-SIS, DVB-T2, MIOTY, WiFi6, 5GMM, CIoT)

Via Licensing

- 8,000+ publication numbers → 5,400 distinct applications
- 3 licensing programs (AAC, AVC, Qi Wireless Power)

Scale Gap - Explained



SDO Declarations

- Tentative, self-assessed
- Made *before* standard is finalized
- Not all declared patents are essential

Patent Pools

- Published *after* verification process
- Illustrative, not exhaustive

A Patent – Centric Design

National Biblio. Data Full Text Patent Family **SEP Info** Documents

PermaLink

Patent declared as standard essential

Note: The data displayed below is purely informational. [Read the full disclaimer here.](#)

Essentiality Declaration Date ↕	Essentiality Declaration Number ↕	Standards Development Organization ↕	Declarant ↕	Standard ↕	ETSI Family Extension ↕	Additional information
21.12.2001	ISLD-200201-001 ←	ETSI	Nokia Corporation	3GPP TS 25.331 ←	Basis Patent	
10.04.2013	ISLD-201305-003	ETSI	Sisvel International SA	3GPP TS 25.331	Extended	
17.07.2020	ISLD-202007-015	ETSI	Sisvel International S.A.	TS 125.331 (RTS/TSGR-0225331v720) version 7.2.0 -- 3GPP TS 25.331 version 7.2.0	Explicitly Disclosed	

Essentiality verified in the process of a patent pool administrator

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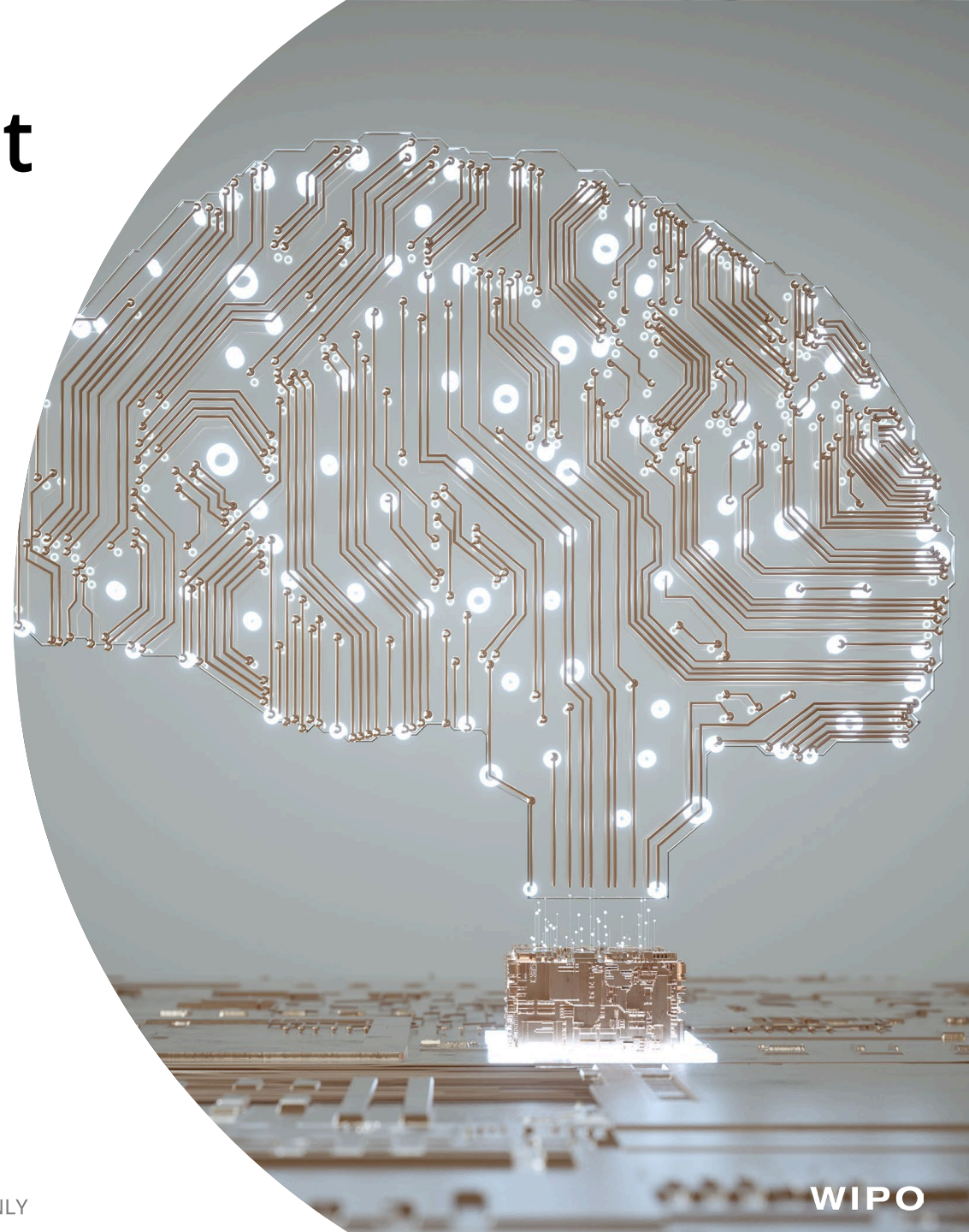
Patent Pool Administrator ↕	Licensing Program ↕	Standards Body ↕	Standard ↕	Licensor ↕	European Patent Coverage
SISVEL	5GMM ←	3GPP	3GPP TS 25.331 V7.2.0 ←	Sisvel International S.A.	

Searching for SEP Data in PATENTSCOPE

Search Field	
Declarant/Licensor	The entity making the declaration/The entity that offers the patent for licensing via the patent pool
Patent Pool Administrator	The designation of the licensing program's manager entity
Standard	<ul style="list-style-type: none">• The standard to which the declared patent is deemed to be or become essential according to the declarant or• The standard to which the listed patent is deemed to be essential according to the pool's verification process.
SDO	<i>Standard Developing Organization at which the declaration was made</i>
Standards Body	The standardization organization that adopted the standard needed for the use case of the licensing program

Advanced Search & AI Assistant

- Rich Boolean syntax for advanced multilingual queries
- Multiple search tools for all expertise levels
- **AI Assisted Search:** great for full text, abstracts, titles, metadata
- ⚠ SEP fields not yet integrated into AI Assistant
- **Workaround:** build base query with AI Assistant → add SEP criteria manually (or vice versa)



What is Next?

- **Workshop today at 16:00**
 - Live demo
 - more hands-on examples



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THANK YOU

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