Data Analysis on Standard Essential Patent (SEP) Declarations

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IPlytics data base on Standard Essential Patents

- IPlytics maintains a database with over **180,000 standard essential patents** (SEPs) declared at the major standard setting organizations (SSOs) such as:

- IPlytics connects worldwide patent data (**80 Mio. patent documents**) with information on over **1,5 million standard documents**

- IPlytics hosts information on about **900 standard setting organizations** (160,000 memberships)

- IPlytics connects patent and standard information to **64 standard related patent pools**
Total Number of SEP Declarations per SSO as to 2015

- ETSI: 107,262
- ISO: 4,958
- ITUT: 1,973
- IEEE: 1,133
- IETF: 667
- OMA: 524
- ITU: 334
- ANSI: 276
- ATSC: 134
- IEC: 101
- OASIS: 48
- TIA: 26
- Broadband Forum: 24
- CEN: 18
- ATIS: 1

Declared SEPs vs SEP Families

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Total Number of SEP Declarations per Company as of 2015 (top 20)

- Qualcomm: 21,459
- Inter Digital: 13,107
- LG Electronics: 11,215
- Nokia: 10,720
- Samsung: 8,891
- Ericsson: 8,310
- Huawei Technologies: 4,862
- Panasonic: 4,728
- NTT DOCOMO, INC.: 3,824
- Motorola: 3,656
- NSN: 2,608
- Research in Motion: 2,542
- SONY: 2,497
- NEC Corporation: 2,241
- Sharp: 2,139
- Optis Cellular Technology, LLC: 2,011
- Philips: 1,667
- Siemens: 1,595
- ZTE Corporation: 1,476
- CATT: 1,144
- Thomson Consumer Electronics: 1,123

SEP Families — Declared SEPs
Cumulative Number of active, lapsed or expired SEP Declarations
Cumulative Declaration Statements per SSO over time
Cumulative Blanket Declaration Statements per SSO over time
Total Number of **SEP** Declarations per Patent Office as of 2015 (Top 15)
Cumulative SEP Declarations per Patent Office over time
Total Number of **SEP** Declarations per IPC (first digit) as of 2015
Total Number of **SEP** Declarations per IPC (4 digit) as of 2015
Total Number of SEP Declarations per industry sector classification as of 2015

- Digital communication: 111,580
- Telecommunications: 17,829
- Audio-visual technology: 9,858
- Computer technology: 5,438
- Basic communication processes: 2,552
- Measurement: 1,931
- Electrical machinery, apparatus, energy: 1,026
- Other special machines: 693
- Transport: 684
- Control: 666
- Optics: 610
Number of patents referencing standard documents as prior art (as to patent publication year)
Total Number Standard related Patent Pools, Patent Pool Members and of SEPs over time
If you are interested in our products, data or analyses please do not hesitate to contact us!

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