



# Suomalaisyritysten eurooppapatenttihakemusten määrä jatkoi kasvuaan vuonna 2024

Euroopan patenttivirasto (EPO) on julkaissut vuoden 2024 ”European Patent Index” - tilastotiedot eurooppapatentti- eli EP-hakemuksista.

EPO vastaanotti lähes 200 000 patenttihakemusta viime vuonna. Suurimmat hakijamaat olivat USA, Saksa, Japani, Kiina ja Etelä-Korea.



## GEOGRAPHIC ORIGIN OF EUROPEAN PATENT APPLICATIONS<sup>1</sup> IN 2024



Source: EPO. Status: 03.02.2025.

<sup>1</sup> European patent applications include direct European applications and international (PCT) applications that entered the European phase during the reporting period. The geographic origin is based on the country of residence of the first applicant listed on the application form (first-named applicant principle).

Note: Sums may vary slightly due to rounding.

Suomalaisyritykset tekivät EPOlle 2 400 patenttihakemusta. Suomi on eurooppapatentteja hakevien maiden tilastossa sijalla 14.

Suomalaisyritysten tekemien EP-hakemusten määrä kasvoi 2,7 %. Vuosi 2024 oli jo viides peräkkäinen vuosi, jolloin hakemusten määrä lisääntyi.

## TOP COUNTRIES FOR EUROPEAN PATENT APPLICATIONS<sup>1</sup>

### TOP40

|                  | 2024   | Change |                          | 2024  | Change |                       | 2024 | Change |
|------------------|--------|--------|--------------------------|-------|--------|-----------------------|------|--------|
| 1 United States  | 47 787 | -0.8%  | 15 Spain                 | 2 192 | 3.0%   | 29 Portugal           | 347  | 4.8%   |
| 2 Germany        | 25 033 | 0.4%   | 16 Austria               | 2 146 | -8.0%  | 30 Luxembourg         | 307  | -10.2% |
| 3 Japan          | 21 062 | -2.4%  | 17 Canada                | 2 119 | 3.3%   | 31 Czech Republic     | 252  | 5.4%   |
| 4 P.R. China     | 20 081 | 0.5%   | 18 Israel                | 1 715 | -0.6%  | 32 New Zealand        | 226  | -16.0% |
| 5 R. Korea       | 13 107 | 4.2%   | 19 Chinese Taipei        | 1 499 | -3.8%  | 33 Brazil             | 186  | -17.3% |
| 6 France         | 10 980 | 1.1%   | 20 Hong Kong SAR (China) | 1 197 | 12.2%  | 34 Slovenia           | 156  | 2.0%   |
| 7 Switzerland    | 9 966  | 3.2%   | 21 Ireland               | 1 118 | 4.4%   | 35 Saudi Arabia       | 143  | -21.0% |
| 8 Netherlands    | 7 054  | 0.0%   | 22 Singapore             | 1 092 | 2.3%   | 36 Cayman Islands     | 139  | 5.3%   |
| 9 United Kingdom | 6 076  | 3.1%   | 23 Australia             | 919   | -9.7%  | 36 Hungary            | 139  | 27.5%  |
| 10 Sweden        | 4 936  | -3.7%  | 24 India                 | 837   | -5.5%  | 38 Russian Federation | 110  | -14.7% |
| 11 Italy         | 4 853  | -4.5%  | 25 Norway                | 817   | 16.7%  | 39 Greece             | 107  | -33.5% |
| 12 Belgium       | 2 615  | 1.1%   | 26 Poland                | 692   | 3.4%   | 40 Thailand           | 91   | 12.3%  |
| 13 Denmark       | 2 539  | -2.2%  | 27 Türkiye               | 542   | -12.3% |                       |      |        |
| 14 Finland       | 2 400  | 2.7%   | 28 Liechtenstein         | 361   | -19.2% |                       |      |        |

Source: EPO. Status: 03.02.2025.

<sup>1</sup> European patent applications include direct European applications and international (PCT) applications that entered the European phase during the reporting period. The geographic origin is based on the first-named applicant principle.

Asukaslukuun suhteutettuna Suomi tekee kolmanneksi eniten EP-hakemuksia maailmassa, edellä ovat vain Sveitsi ja Ruotsi.

## EUROPEAN PATENT APPLICATIONS<sup>1</sup> PER MILLION INHABITANTS

### TOP30

|                          | Applications<br>2024 | Population <sup>2</sup> | Ratio: appl.<br>per mio.<br>inhabitants |                   | Applications<br>2024 | Population <sup>2</sup> | Ratio: appl.<br>per mio.<br>inhabitants |
|--------------------------|----------------------|-------------------------|---|-------------------|----------------------|-------------------------|---|
| 1 Switzerland            | 9 966                | 8 961                   | 1 112                                   | 16 Norway         | 817                  | 5 550                   | 147                                     |
| 2 Sweden                 | 4 936                | 10 552                  | 468                                     | 17 United States  | 47 787               | 345 427                 | 138                                     |
| 3 Finland                | 2 400                | 5 604                   | 428                                     | 18 United Kingdom | 6 076                | 69 138                  | 88                                      |
| 4 Denmark                | 2 539                | 5 961                   | 426                                     | 19 Italy          | 4 853                | 58 990                  | 82                                      |
| 5 Netherlands            | 7 054                | 17 943                  | 393                                     | 20 Slovenia       | 156                  | 2 124                   | 73                                      |
| 6 Germany                | 25 033               | 83 445                  | 300                                     | 21 Chinese Taipei | 1 499                | 23 214                  | 65                                      |
| 7 R. Korea               | 13 107               | 51 718                  | 253                                     | 22 Estonia        | 74                   | 1 375                   | 54                                      |
| 8 Austria                | 2 146                | 9 159                   | 234                                     | 23 Canada         | 2 119                | 39 742                  | 53                                      |
| 9 Belgium                | 2 615                | 11 832                  | 221                                     | 24 Spain          | 2 192                | 48 610                  | 45                                      |
| 10 Ireland               | 1 118                | 5 344                   | 209                                     | 25 New Zealand    | 226                  | 5 214                   | 43                                      |
| 11 Singapore             | 1 092                | 5 832                   | 187                                     | 26 Australia      | 919                  | 26 713                  | 34                                      |
| 12 Israel                | 1 715                | 9 387                   | 183                                     | 27 Portugal       | 347                  | 10 640                  | 33                                      |
| 13 Japan                 | 21 062               | 123 753                 | 170                                     | 28 Lithuania      | 73                   | 2 886                   | 25                                      |
| 14 Hong Kong SAR (China) | 1 197                | 7 415                   | 161                                     | 29 Czech Republic | 252                  | 10 736                  | 23                                      |
| EU27:<br>152 ▶           | 10 980               | 68 402                  | 161                                     | 30 Latvia         | 36                   | 1 872                   | 19                                      |

Source: EPO. Status: 03.02.2025.

<sup>1</sup> European patent applications include direct European applications and international (PCT) applications that entered the European phase during the reporting period. The geographic origin is based on the first-named applicant principle.

<sup>2</sup> Source of population figures: United Nations, Department of Economic and Social Affairs, Population Division (2024); Eurostat (2024)

Suomalaisista yrityksistä Nokia on suurimpien hakijoiden listalla sijalla 12 ja digitaaliseen viestintään liittyvien patenttien hakijana viidentenä. Nokian osuus kaikista suomalaisten tekemistä EP-hakemuksista oli lähes puolet.

## TOP EPO APPLICANTS 2024 – GLOBAL

## TOP 50

|                      | 2024  |                             | 2024 |   | 2024 |
|----------------------|-------|-----------------------------|------|---|------|
| 1 Samsung            | 5 107 | 18 Interdigital             | 863  | 35 Valeo                                | 541  |
| 2 Huawei             | 4 322 | 19 Apple                    | 806  | 36 ABB                                  | 540  |
| 3 LG                 | 3 623 | 20 Xiaomi                   | 763  | 36 Fujifilm                             | 540  |
| 4 Qualcomm           | 3 015 | 21 Canon                    | 760  | 38 Medtronic                            | 533  |
| 5 RTX                | 2 061 | 22 Johnson & Johnson        | 753  | 39 NTT                                  | 526  |
| 6 Siemens            | 1 830 | 23 Signify                  | 742  | 40 CEA <sup>2</sup>                     | 520  |
| 7 BASF               | 1 599 | 24 Hoffmann-La Roche        | 710  | 41 Fraunhofer-Gesellschaft <sup>3</sup> | 517  |
| 8 Ericsson           | 1 470 | 25 Hitachi                  | 653  | 42 Becton, Dickinson                    | 515  |
| 9 Sony               | 1 307 | 25 Volvo Group              | 653  | 43 Toyota Motor                         | 501  |
| 10 Robert Bosch      | 1 249 | 27 British American Tobacco | 636  | 44 Japan Tobacco International          | 497  |
| 11 Philips           | 1 231 | 28 Vivo Mobile              | 622  | 45 Philip Morris                        | 495  |
| 12 Nokia             | 1 186 | 29 Honeywell                | 619  | 46 NXP                                  | 479  |
| 13 Alphabet          | 1 171 | 30 Unilever                 | 613  | 47 Sanofi                               | 465  |
| 14 CATL <sup>1</sup> | 1 163 | 31 Continental              | 572  | 48 GE Aerospace                         | 451  |
| 15 Microsoft         | 1 131 | 32 Airbus                   | 558  | 49 Tencent                              | 446  |
| 16 ZTE               | 999   | 33 Safran                   | 547  | 50 Mitsubishi Electric                  | 445  |
| 17 Panasonic         | 990   | 34 Intel                    | 543  |   |      |

Source: EPO. Status: 03.02.2025.

<sup>1</sup> Contemporary Ampere Technology Co. Ltd. <sup>2</sup> Commissariat à l'énergie atomique et aux énergies alternatives.<sup>3</sup> Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.TOP APPLICANTS AT THE EPO IN 2024 FROM FINLAND<sup>1</sup>

## TOP 10

|                                  | 2024  |
|----------------------------------|-------|
| 1 NOKIA                          | 1 186 |
| 2 KONE                           | 92    |
| 3 VALMET                         | 70    |
| 4 STORA ENSO                     | 55    |
| 5 NESTE                          | 42    |
| 6 TEKNOLOGIAN TUTKIMUSKESKUS VTT | 39    |
| 7 METSO CORPORATION              | 33    |
| 8 ELISA                          | 29    |
| 9 UPM-KYMMENE                    | 28    |
| 10 KEMIRA                        | 27    |

Source: EPO. Status: 03.02.2025.

<sup>1</sup> This is the ranking of the main consolidated applicants at the EPO in 2024 (first-named applicant principle). It is based on European patent applications filed with the EPO, which include direct European applications and international (PCT) applications that entered the European phase during the reporting period. Applications by identifiable subsidiaries, not necessarily located in the same country, are allocated to the consolidated applicants. The countries refer to the country of residence of the headquarters.

29 %:ssa suomalaisten tekemistä hakemuksista oli mukana vähintään yksi naiskeksijä. Tämä on neljänneksi eniten kaikista merkittävistä eurooppapatenttien hakijamaista.

Tarkemmat tilastot löydät EPO:n sivustolta englanniksi:  
<http://www.epo.org/en/about-us/statistics/patent-index-2024>

Lisätietoja

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