

Table SINV-80

USPTO utility patents unassigned under the WIPO classification, by region, country, or economy: 1998-2020

(Number)

| Region, country, or economy | Economy by income status | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | |
|--------------------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|---|
| World | na | 23 | 45 | 73 | 102 | 51 | 36 | 72 | 82 | 65 | 52 | 25 | 121 | 244 | 379 | 492 | 708 | 990 | 983 | 1,082 | 1,185 | 1,099 | 1,506 | 1,698 | |
| North America | na | 17 | 27 | 45 | 68 | 32 | 23 | 34 | 54 | 34 | 35 | 13 | 59 | 102 | 172 | 200 | 276 | 353 | 374 | 419 | 506 | 425 | 587 | 653 | |
| Canada | High | 9 | 8 | 5 | 2 | 2 | 0 | 0 | 4 | 2 | 0 | 0 | 3 | 3 | 8 | 4 | 22 | 18 | 19 | 21 | 23 | 22 | 32 | 26 | |
| Mexico | Upper middle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 1 | 0 | |
| United States | High | 9 | 19 | 41 | 66 | 30 | 23 | 34 | 50 | 32 | 35 | 13 | 56 | 99 | 164 | 196 | 254 | 335 | 355 | 396 | 483 | 402 | 555 | 627 | |
| Central America and Caribbean | na | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | |
| Puerto Rico | High | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | |
| South America | na | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 3 | 1 | |
| Argentina | Upper middle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Brazil | Upper middle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | |
| Europe | na | 4 | 10 | 8 | 16 | 7 | 4 | 8 | 7 | 5 | 6 | 1 | 12 | 31 | 34 | 52 | 76 | 95 | 108 | 121 | 114 | 131 | 185 | 198 | |
| EU-27 + UK ^a | na | 4 | 9 | 8 | 16 | 6 | 4 | 8 | 7 | 5 | 6 | 1 | 12 | 30 | 34 | 49 | 72 | 86 | 98 | 115 | 109 | 118 | 174 | 188 | |
| United Kingdom | High | 0 | 3 | 2 | 5 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 3 | 5 | 8 | 10 | 10 | 25 | 22 | 18 | 16 | 25 | 36 | 44 | |
| EU-27 ^b | na | 4 | 6 | 6 | 11 | 5 | 3 | 8 | 6 | 5 | 5 | 1 | 9 | 25 | 25 | 39 | 61 | 61 | 76 | 97 | 93 | 93 | 137 | 143 | |
| Austria | High | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 0 | 1 | 3 | 3 | 2 | 7 | 5 | 7 | 4 | 5 | |
| Belgium | High | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 2 | 1 | 6 | 5 | 5 | 5 | 6 | |
| Denmark | High | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 5 | 2 | 1 | 2 | 2 | 3 | 2 | 1 | 6 | |
| Finland | High | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 3 | 1 | 5 | 2 | 4 | 6 | 8 | 2 | |
| France | High | 0 | 1 | 0 | 1 | 0 | 2 | 3 | 0 | 2 | 2 | 0 | 5 | 0 | 2 | 6 | 5 | 5 | 12 | 13 | 13 | 7 | 13 | 12 | |
| Germany | High | 4 | 5 | 4 | 5 | 3 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 9 | 14 | 18 | 32 | 32 | 42 | 47 | 40 | 39 | 66 | 68 | |
| Hungary | High | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 3 | |
| Ireland | High | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 4 | 3 | 1 | |
| Italy | High | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 3 | 0 | 2 | 4 | 5 | 3 | 5 | 3 | 5 | 9 | 6 | |
| Netherlands | High | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 3 | 3 | 2 | 3 | 4 | 2 | 4 | 9 | 2 | 7 | 13 | |
| Spain | High | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 2 | 3 | 1 | 3 | |
| Sweden | High | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 3 | 4 | 2 | 7 | 5 | 5 | 7 | 7 | 11 | 12 | 13 | |
| Other Europe | na | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 3 | 5 | 10 | 10 | 6 | 5 | 13 | 12 | 10 | |
| Other Europe-2020 ^b | na | 0 | 4 | 2 | 6 | 3 | 1 | 1 | 1 | 1 | 1 | 0 | 3 | 7 | 9 | 13 | 15 | 34 | 32 | 24 | 22 | 38 | 48 | 55 | |
| Belarus | Upper middle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Moldova | Lower middle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | High | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 | 2 | 0 | |
| Russia | Upper middle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 3 | 3 | 3 | 2 | 2 | |
| Switzerland | High | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 3 | 5 | 5 | 3 | 2 | 9 | 8 | 7 | |
| Ukraine | Lower middle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | |
| Asia | na | 2 | 7 | 17 | 18 | 12 | 8 | 30 | 19 | 25 | 10 | 11 | 50 | 109 | 167 | 233 | 342 | 508 | 465 | 521 | 544 | 520 | 702 | 815 | |

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|-----------------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| China | Upper middle | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 4 | 4 | 9 | 17 | 28 | 30 | 51 | 46 | 37 | 71 | 130 |
| India | Lower middle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 4 | 6 | 4 | 4 | 8 | 6 | 10 | 12 |
| Japan | High | 2 | 7 | 14 | 14 | 12 | 8 | 28 | 18 | 21 | 9 | 6 | 35 | 81 | 135 | 191 | 276 | 392 | 350 | 339 | 361 | 317 | 427 | 435 |
| Malaysia | Upper middle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 1 |
| Singapore | High | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 4 | 3 | 2 | 1 | 4 | 1 | 2 | 3 |
| South Korea | High | 0 | 0 | 1 | 3 | 0 | 0 | 1 | 1 | 3 | 0 | 4 | 7 | 19 | 20 | 27 | 30 | 67 | 72 | 112 | 115 | 139 | 182 | 216 |
| Taiwan | High | 0 | 0 | 2 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 4 | 3 | 8 | 5 | 11 | 12 | 8 | 12 | 8 | 15 | 11 | 14 |
| Middle East | na | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 4 | 3 | 7 | 12 | 10 | 16 | 15 | 18 | 20 | 19 |
| Israel | High | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 4 | 3 | 7 | 11 | 10 | 14 | 14 | 17 | 18 | 14 |
| Africa | na | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| South Africa | Upper middle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Australia and Oceania | na | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 4 | 5 | 18 | 26 | 5 | 6 | 4 | 8 | 11 |
| Australia | High | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 4 | 5 | 18 | 25 | 3 | 5 | 3 | 6 | 10 |
| New Zealand | High | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 2 | 1 | 1 | 2 | 1 |
| Unclassified | na | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

na = not applicable, metric not calculated at this level.

EU = European Union; UK = United Kingdom; USPTO = U.S. Patent and Trademark Office; WIPO = World Intellectual Property Organization.

^a The United Kingdom was a part of the EU for data purposes from 1973 to 2019.^b Beginning in 2020, the United Kingdom was no longer a member of the EU.**Note(s):**

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Source(s):

National Center for Science and Engineering Statistics; Science-Metrix; PatentsView, USPTO, accessed June 2021.

Science and Engineering Indicators