TRENDS IN PATENTING FOR ARTIFICIAL INTELLIGENCE

31.1K
Patents relating to A.I. published in 2013-2017

21%
Average growth of A.I. patents per annum in 2013-2017

10K
A record high of A.I. patents published in 2017

TOP COUNTRIES/REGIONS OF PROTECTION

12.2K 9.4K 2.8K 1.9K 1.5K

• Digital computing or data processing
• Pattern recognition (e.g. fingerprints)
• Control of digital information transmission
• User Interface, input/output arrangement (e.g. head-tracking, eye-tracking)
• IT methods for specific business sector

TOP GLOBAL FILERS IN A.I. INCLUDE

• IBM
• SAMSUNG ELECTRONICS
• MICROSOFT
• AT&T
• AVAYA

China technology giants, like Baidu and Huawei are leading the way in A.I. development, amongst other international players such as Google and Microsoft.

TOP GLOBAL FILING AREAS UNDER A.I.

• Digital computing or data processing
• IT methods for specific business sector
• IT methods for general administration and management
• Commerce, e.g. Shopping or e-commerce
• Bioinformatics, medical informatics

Face robots and animated artificial faces, speech or voice analysis, and computer systems based on biological model are growing the fastest globally in terms of A.I. filing.

SINGAPORE

156
Patents relating to A.I. published in 2013-2017


TOP FILING AREAS UNDER A.I.

• Digital computing or data processing
• IT methods for specific business sector
• IT methods for general administration and management
• Commerce, e.g. Shopping or e-commerce
• Bioinformatics, medical informatics

Note: Data provided is based on the period 2013-2017.

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