Conventional cognition assistive technology

What technologies are involved?

Medication dispensing 596 (42%)
Clocks and timepieces 404 (29%)
Memory support products 250 (18%)
Time management products 142 (10%)
Timers 97 (7%)
Calculation functions 28 (2%)

Patent applicants focus mainly on local markets with 90% of the applications filed in one single jurisdiction

Which are the fastest growing technologies?

Cognition is the smallest and most recent domain in conventional assistive technology: almost 70% of the dataset was filed after 2010

The number of patent applications published between 2010 and 2019 increased by 157%, from 49 to 126

10% average growth in filings from 2013 to 2017 for medication dispensing and management

Who is filing?

Applicant sector

Corporate 53%
Individuals 30%
Academia 17%

Top patent applicants

Seiko Group 21
Honeywell 16
Hon Hai Precision 12
Panasonic 11
Samsung 11

Cognition is the domain within conventional assistive technology with most utility model filings (35% of the dataset). Assistive robots, smart assistants and smart environment assistive products in the emerging assistive technology space encompass applications related to cognition