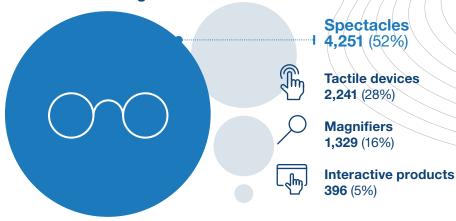
Conventional vision assistive technology

8,133

patent families for conventional vision assistive technology filed across 53 patent offices

What technologies are involved?



Which are the fastest growing technologies?

Filings related to interactive products marked an average annual growth rate of 27% between 2013 and 2017

Filings related to **tactile devices** increased by an
average of **14**% between 2013
and 2017

24% of conventional vision-related inventions are filed for protection in more than one jurisdiction, indicating applicants' interest in several markets

Who is filing?

Applicant sector



Individuals 35%



Top patent applicants

Seiko Group (Japan)	158
Essilor (France)	140
Hoya (Japan)	129
Johnson & Johnson (U.S.)	108
IBM (U.S.)	68

Academia 10% Major optics manufacturers are researching advanced technologies to develop specialized electronic lenses. Players from the mobile and computing industries are innovating mainly in the areas of tactile devices and interactive products.