

IPBC Europe



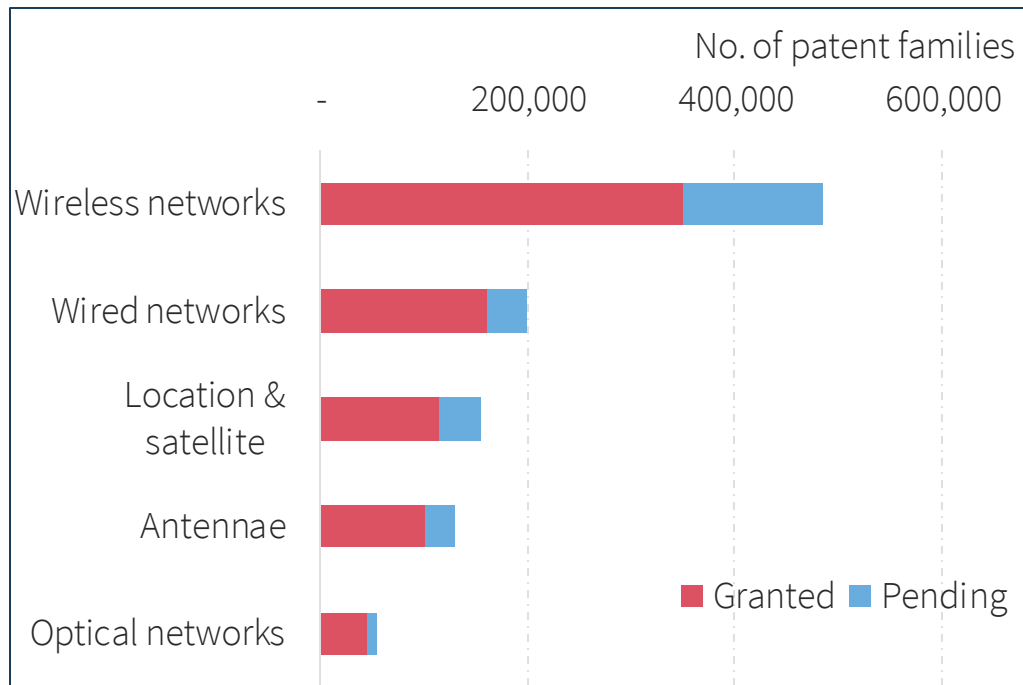
Connectivity

Nigel Swycher, CEO

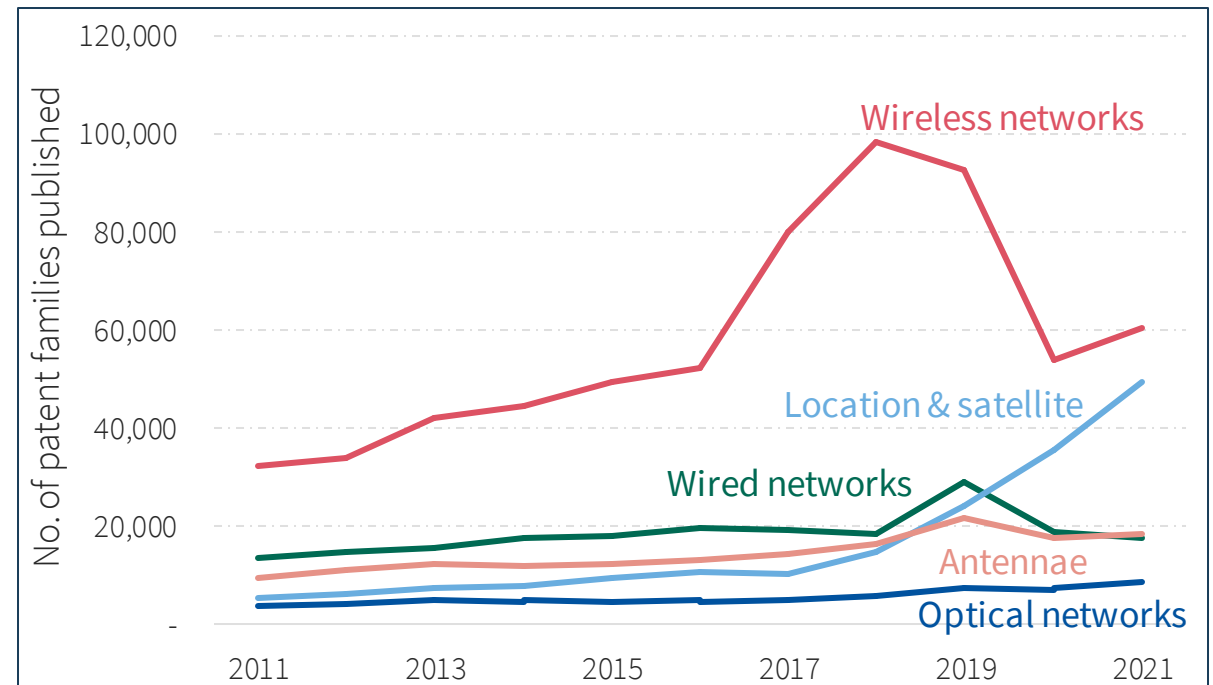
29 March 2022

Connectivity

Number of Inventions | Granted & Pending



Pace of Innovation | Number of patent families published



Delivering transparency for who owns patented technology

The first taxonomy to provide a consistent and objective analysis of patented technologies owned by all companies globally.



- Key**
- Mechanical
 - Sensors and Optics
 - Life Sciences
 - Information
 - Electrical
 - Materials
 - Energy
 - Semiconductors
 - Telecommunication

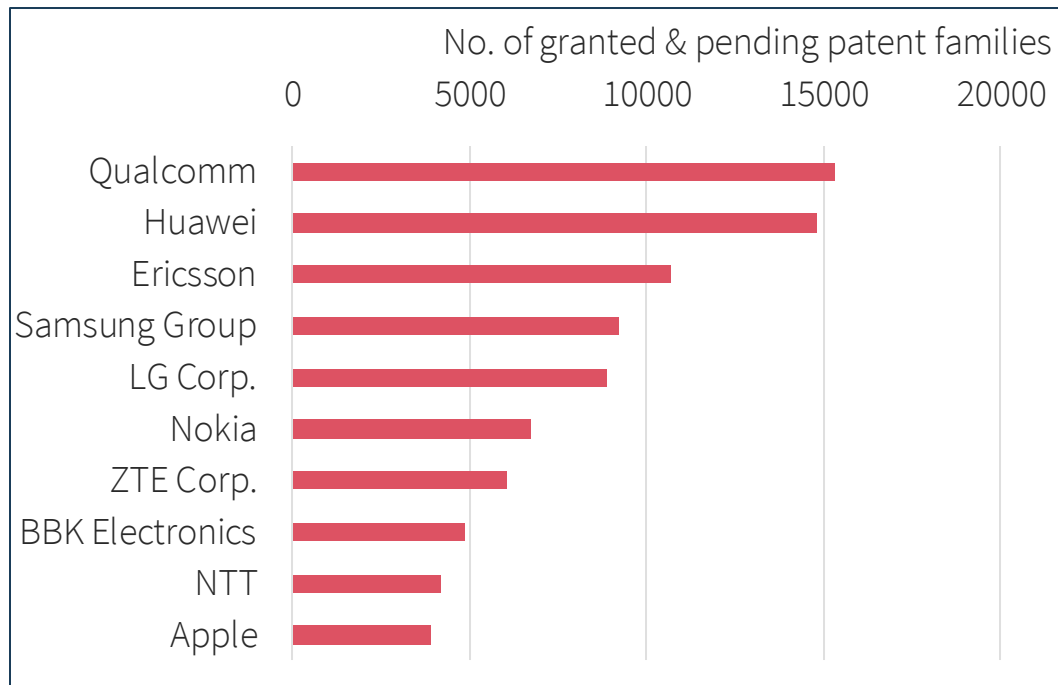
44m+
 patents

9
 super-classes

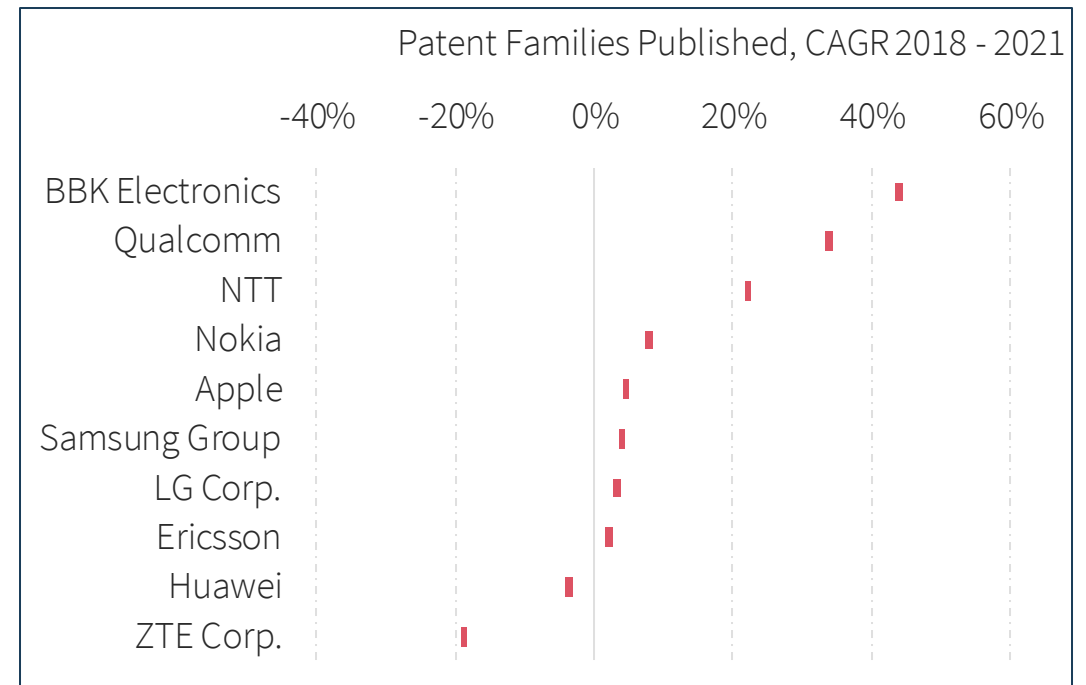
114
 sub-classes

Wireless Networks

Top 10 Owners | Number of Inventions Owned

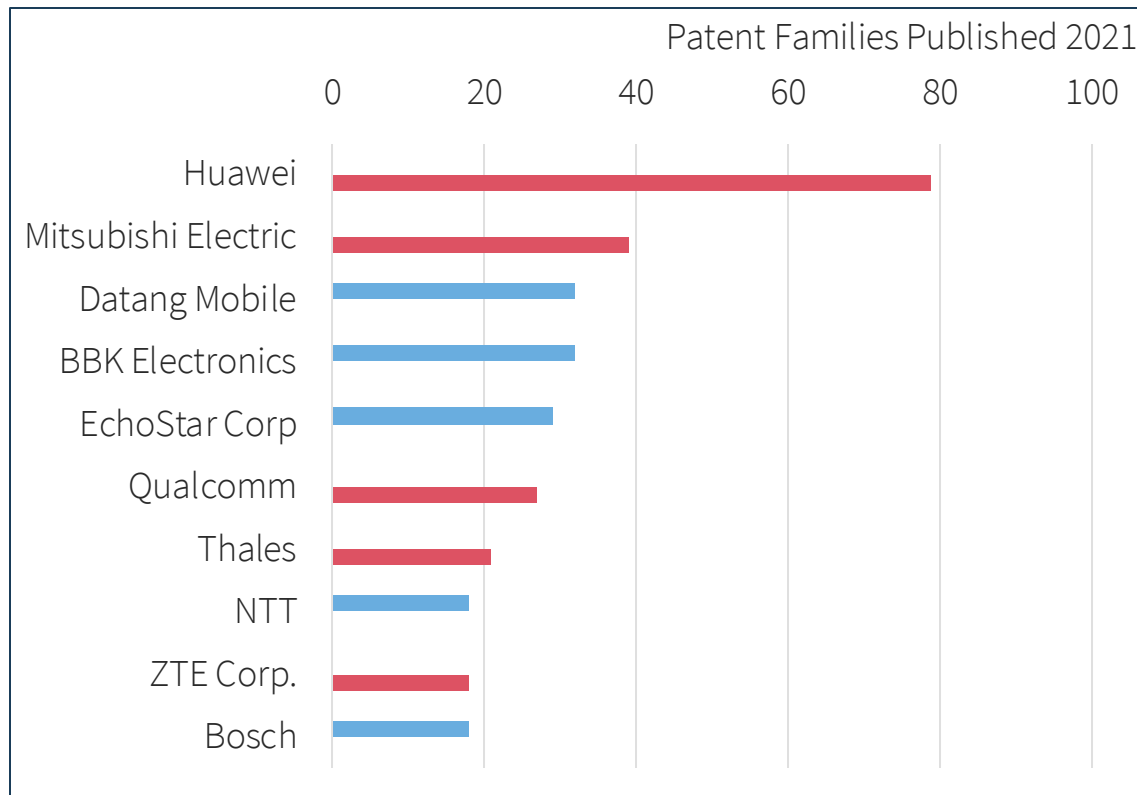


Pace of Invention | Top 10 Innovators

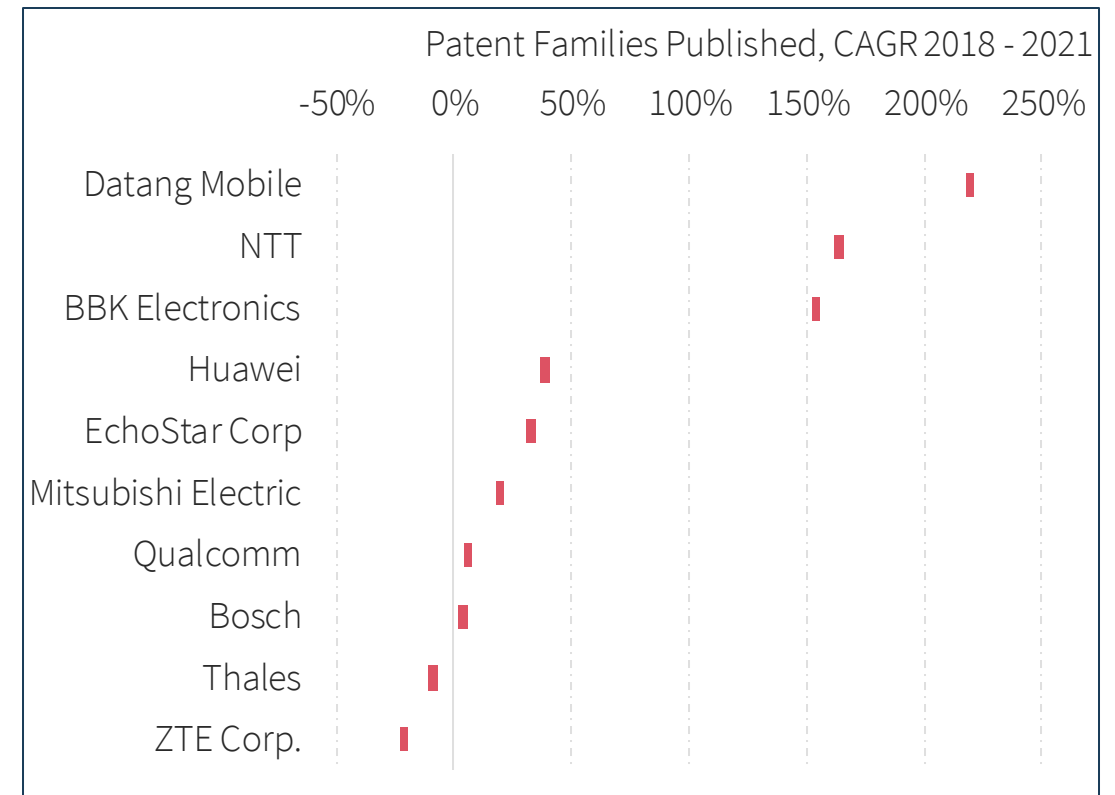


Location & Satellite

Top Innovators | Patent Families Published 2021



Pace of Invention | Top 10 Innovators



Final thoughts

- Always start with WHY - don't engage with analytics unless you have a story to tell
- There are many new teams and audiences for patent data
- Demand objectivity, consistency and repeatability
- When analysing what's going on think broadly about who owns what - whether competitors, FAMGA or start-ups



CIPHER

Scope Notes

- **Antennae:** Devices and apparatus made of conductive metal that send and/or receive electromagnetic radio waves.
- **Location & Satellite:** Technologies related to satellite communication, geocentric orbit type satellites, remote sensing satellites and global positioning satellite (GPSS) and terrestrial based location technologies.
- **Optical Networks:** Data communication networks built with optical fibre technology utilising optical fibre cables as the primary communication medium.
- **Wireless Networks:** Networks employing radio systems to connect devices to other devices and networks.
- **Wired Networks:** Networks employing physical copper or other metal cables to connect devices to other devices and networks.