



CONNECT

MedTech back on course for innovation

Background

The MedTech cluster is making a powerful comeback. With 14,295 European patent applications, it will overtake the digital technologies sector again in 2020. A strong signal for the future.

Market movements

A total of 180,250 patent applications were filed with the EPO in 2020, keeping the number of applications almost at the same level as the previous year despite the Corona pandemic. A look at medical technology patent applications in 2020 shows that the innovative strength of this sector continues to be strongly influenced by

U.S. companies. 5519 patent applications (+0.6 percent) originated from the United States. They are followed by the 38 member states of the European Patent Organization (EPO) with 5460 applications (+0.5 percent).

Germany defends its second place with 1210 patent applications (-5.3 percent), followed by Japan (1011 applications/+ 1.2 percent), the Netherlands (709/-9.2 percent), France (677/+17.5 percent), Switzerland (676/-13.1 percent), the UK (436/+1.6 percent), China (414/+34.4 percent) and South Korea (338/+13 percent).

With six of the ten most patent-happy companies, U.S. companies defend their dominant position within the medical technology sector. Johnson & Johnson remains in the top spot with 781 applications. Medtronic (567 applications), Philips (524), Boston Scientific (319), Becton Dickinson (229), Sanofi (179) and Fresenius (136) follow.

As the EPO explicitly points out, inventions from the healthcare sector were particularly responsible for patent activity at the Munich-based authority in the first Corona year. The life science sector, for example, saw a sharp increase – the pharmaceuticals (8589 applications/+10.2 percent) and biotechnology (7246 applications/+6.3) segments showed the greatest increase among the leading technology fields.

Overall, MedTech led in patent applications, followed by digital technologies, computer technology, electrical machinery and equipment, energy and transportation. Pharmaceuticals ranked sixth in 2020, followed by Metrology, Biotechnology, Other Special Machinery and Organic Fine Chemistry.

The pandemic is sustainably accelerating the shift toward health and prevention. This will continue in the coming years.



Your Connection
to MedTech
Expertise

arcoro Champion-Clusters with inside information

We took a closer look at the innovation areas of the future and examined individual companies. We found that digitization, AI, automation and robotics are strong growth drivers. We have defined "champion clusters" and examined exciting companies in more detail. We would be happy to provide more insider information in a personal conversation.

Here is a list of the segments considered:

- ◇ Telemedicine
- ◇ SaMD – Software-as-a-Medical-Device (Apps, Health-Assistants, Digital Therapeutics)
- ◇ Robotics / Surgical Robots
- ◇ Wearables
- ◇ Biometric devices
- ◇ 3D Printing / Medical Devices / Bioprinting

We will be happy to provide you with more information on individual clusters – combined with a champion watch list and the option to contact the management of the respective companies. arcoro CONNECT connects the future and people – personally and directly.

UNTERNEHMEN	STANDORT	WEBSITE	FACHBEREICH
BHS Technologies GmbH	Austria	https://www.bhs-technologies.com/?lang=de	Surgical robotics
Intuitive Surgical	USA (CA)	https://www.intuitive.com/en-us	Surgical robotics
Formlabs Inc	USA (MA)	https://formlabs.com/de/	3D-Printing
Teleclinic GmbH	Germany	https://www.teleclinic.com/	Telemedicine
Kry International AB	Sweden	https://www.kry.de/	Telemedicine
Cosinuss GmbH	Germany	https://www.cosinuss.com/de/	Wearables
Dexcom Inc	USA (CA)	https://www.dexcom.com/de-DE	Wearables
Carl Zeiss Meditec AG	Germany	https://www.zeiss.ch/corporate/de/home.html	Biometric devices
Biofourmis Inc	USA (MA)	https://biofourmis.com/	Digital Therapeutics

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