

Siemens is Germany's patent champion

- **Siemens ranks as No. 1 German company, and No. 6 overall, in European Patent Office's patent rankings**
- **Twenty-one inventions per working day in fiscal 2022**
- **Number of patent applications from Siemens remains steady despite external challenges**
- **Growth areas contribute to Siemens Xcelerator and provide solutions for digital transformation**

Siemens filed precisely 1,735 patent applications with the European Patent Office in 2022 – more than any other company in Germany. This figure puts Siemens in sixth place in the patent-application rankings. The inventors who work at Siemens lay the foundation for progress and generate long-term benefits for customers and society.

“We're not slackening on innovations, despite external challenges such as the pandemic, the war in Ukraine and inflation. These results underscore Siemens' innovation capabilities and our focus on the entire range of industrial applications as well as patent quality,” said Dr. Peter Körte, Chief Technology Officer and Chief Strategy Officer of Siemens AG.

The growth areas for Siemens AG's patent portfolio are data security; machine learning and artificial intelligence; modelling and simulation; transportation in smart cities; additive manufacturing; and blockchain. All these technologies provide digital-transformation solutions that are offered in the open, digital business platform Siemens Xcelerator. At the same time, they show where the major levers of digital transformation lie that can be used to achieve the urgently needed steps toward greater sustainability.

Siemens among strongest patent applicants worldwide

Ideas lead to innovations that create competitive advantages. Unless these ideas and innovations enjoy solid protection, this advantage is quickly lost. For this reason, Siemens' intellectual property activities focus on strengthening its competitiveness. The company holds a large number of granted patents worldwide and thus ranks highly in other international statistics as well.

The company's founder, Werner von Siemens, once said, "I believe that one of the main reasons our factories have thrived is that our products are largely based on our own inventions."

In fiscal 2022, Siemens filed 2,650 patents worldwide. During the same period, the company reported 4,650 inventions, which amounts to 21 inventions per working day. In total, Siemens holds more than 46,700 granted patents worldwide.

In fiscal 2022, Siemens spent about €5.6 billion on research and development (R&D), with some 46,900 people working in R&D at the company.

This press release is available at <https://sie.ag/pat23e>

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Siemens AG (Berlin and Munich) is a technology company focused on industry, infrastructure, transport, and healthcare. From more resource-efficient factories, resilient supply chains, and smarter buildings and grids, to cleaner and more comfortable transportation as well as advanced healthcare, the company creates technology with purpose adding real value for customers. By combining the real and the digital worlds, Siemens empowers its customers to transform their industries and markets, helping them to transform the everyday for billions of people. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a globally leading medical technology provider shaping the future of healthcare. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power.

In fiscal 2022, which ended on September 30, 2022, the Siemens Group generated revenue of €72.0 billion and net income of €4.4 billion. As of September 30, 2022, the company had around 311,000 employees worldwide. Further information is available on the Internet at www.siemens.com.