

PRESS RELEASE

ElringKlinger joins Hydrogen Council

Dettingen/Erms (Germany), January 15, 2020 +++ ElringKlinger AG has become a new member of the Hydrogen Council. The Hydrogen Council is a global initiative of energy, transport, and industry companies. It is committed to establishing hydrogen as a central energy source of the future. ElringKlinger will contribute to this initiative its long-standing expertise in the development of fuel cell components and stacks for mobile applications.

The Hydrogen Council was launched in 2017 at the World Economic Forum in Davos and brings together companies from various branches of industry and key markets around the globe. As the world's first initiative of this kind, the Hydrogen Council has set itself the goal of establishing hydrogen as one of the principal solutions in response to the energy transition. The interest group is looking to accelerate the use of hydrogen-based technologies and applications.

"Our admission to the Hydrogen Council is a testament to our many years of expertise relating to fuel cells," says Dr. Stefan Wolf, CEO of ElringKlinger AG. "Together with other member companies of the Hydrogen Council, we want to drive forward efforts to develop and market hydrogen-based mobility applications."

ElringKlinger has been active within the area of fuel cell technology for around 20 years and serves the market as both a component and a system supplier. The Group's focus is on low-temperature fuel cells (PEMFC). Combining the benefits of high power density and highly dynamic power supply, PEMFC stacks are the perfect choice for mobile applications and – in conjunction with a decentralized supply of hydrogen – they are already a viable option for today's mobility needs.

ElringKlinger PEMFC stacks designed for integration into customer systems are available with an electrical output of 2 to 150 kW_{el}. Stacks with peripheral components and system functionalities integrated into the end plate module are also available as an option. These features enable considerable simplification and cost reduction with regard to the fuel cell system. They are suitable for use in both passenger cars and light commercial vehicles such as forklifts as well as buses and trucks.

Alongside its proprietary fuel cell stacks, ElringKlinger is acknowledged in particular for its innovative fuel cell components, including patented designs for metallic bipolar plates and plastic media modules that complement the product range.

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About ElringKlinger AG

As an independent and globally positioned supplier, ElringKlinger is a powerful and reliable partner to the automotive industry. Be it passenger car or commercial vehicle, equipped with an optimized combustion engine, with hybrid technology, or with an all-electric motor – we offer innovative solutions for all types of drive system. In doing so, we are making a committed contribution to sustainable mobility. Our light-weighting concepts help to reduce the overall weight of vehicles. As a result, vehicles powered by combustion engines consume less fuel and emit less CO₂, while those equipped with alternative propulsion systems benefit from an extended range. Developing cutting-edge battery and fuel cell technology as well as electric drive units, we were among the frontrunners when it came to positioning ourselves as a specialist in the field of e-mobility. At the same time, we are committed to evolving our sealing technology for a wide range of applications. Our shielding systems are designed to ensure high-end temperature and acoustics management throughout the vehicle. Dynamic precision parts developed by ElringKlinger can be used in all types of drive system. Additionally, the Group's portfolio includes engineering services, tooling technology, and products made of high-performance plastics, which are also marketed to industries beyond the automotive sector. These efforts are supported by a dedicated workforce of more than 10,000 people at 45 ElringKlinger Group locations around the globe.

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