

PRESS RELEASE

IAA TRANSPORTATION 2022

ElringKlinger showcases commercial vehicle expertise

Hanover, Dettingen/Erms (Germany), September 15, 2022 +++ "Transporting experiences" is the motto adopted by ElringKlinger for its presentation at this year's IAA TRANSPORTATION. The long-standing supplier and partner to the commercial vehicle industry will be focusing on the topics of electromobility and lightweight construction at the event. The world's leading trade fair for mobility, transport and logistics is scheduled to take place in Hanover from September 20 to 25, 2022. The ElringKlinger exhibition booth is located in Hall 12, C44. Visitors will also have the opportunity to experience ElringKlinger technologies for themselves during a test drive in Hall 11.

The highlight of ElringKlinger's appearance at this year's event is a show truck illustrating the Group's extensive portfolio for the commercial vehicle sector. These include innovations in the field of **battery technology**, such as a 60 volt module based on cylindrical lithium-ion cells for integration into a battery storage unit up to a total system voltage of 500 volts as well as numerous components.

ElringKlinger will also be showcasing a high-performance torque vectoring **Electric Drive Unit (EDU)**, which consists of two identical EDUs that are controlled independently. This provides the basis for active torque vectoring. This EDU version is used primarily in high-power or all-wheel drive vehicles.

In future years, hydrogen mobility is set to play an important role in the commercial vehicle sector. In establishing the EKPO Fuel Cell Technologies joint venture, ElringKlinger, together with Plastic Omnium, took a decisive step forward when it comes to series production in the field of **fuel cell technology**. Various stack platforms will be presented at IAA Transportation 2022: they include the "NM12 Twin" low-temperature fuel cell stack module with 598 cells based on metallic bipolar plates – with a power rating of up to 205 kWel.

Every kilogram counts in pursuit of lower fuel consumption and CO₂ emissions in conventional drives or an extended range in the case of electric vehicles, particularly with regard to the commercial sector. The solution is **lightweighting**, an area of engineering expertise that ElringKlinger will also be showcasing at its booth – including innovative underbody protection for battery storage units made of a thermoplastic composite material (vs. conventional underbody protection made of aluminum).

Last but not least, the company's presentation will include optimized products within the field of **sealing and shielding technology**.

