Presse-Information

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Air vents for luxury electric saloon by Mercedes

Design and comfort for an unparalleled vehicle

fischer automotive systems GmbH & Co KG

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The automotive supplier fischer Automotive contributed to the premiere of the Mercedes EQS, the first fully electric luxury saloon. The kinematic component manufacturer developed and produced an air vent set with an elegant design for the vehicle. A cupholder provides added comfort to the futuristic interior.

Mercedes-Benz attracted a great deal of attention with the presentation of its EQS vehicle. It is the company's first saloon that isn't based on a combustion vehicle. Instead, the electric counterpart to the S-Class is based on its own EVA2 (Electrical Vehicle Architecture) platform, also known as MEA (Modular Electric Architecture). The two-generator version gives the vehicle its supremely sporty acceleration and provides a range of up to 770 kilometres together with its streamlined bodywork.

The new Mercedes EQS not only features impressive technical details, it also has an innovative interior design. The premium equipment includes a 1.41-metre Hyperscreen that sweeps across the cockpit with curved lines. Two air vents emerge to the left and right-hand side of the display as a contrast to the smooth and seamless display surface and to "connect the digital and physical world", in the words of Mercedes-Benz. The vents were developed and manufactured in Horb by fischer Automotive, a division of the fischer Group of Companies. The futuristic design featuring a turbine look is the hallmark of the

vents, which stand out significantly from the puristic Hyperscreen, making them a focal point.

The upper edge of the Hyperscreen features additional air vents. Unlike the side vents, these cross-dashboard air vents are subtly integrated into the overall design. Stand-out features include the floating, ‘Silver Shadow’-coloured handles (operating elements) as well as the rose gold three-component trim strip. As an added highlight, the vents can be illuminated in various colours. The air vents add to and reinforce the effect of the MBUX Hyperscreen in the spirit of Mercedes Chief Design Officer Gordon Wagener, according to whom design is associated with the desire for two things: “Beauty and the extraordinary”. This “x-factor”, according to Wagener, has to be “surprising and enchanting”.

In addition to the above-mentioned elements, fischer Automotive also supplied air vents for the rear seat and B-pillar area, as well as ventilation channels and cupholders. The assembly assistant was used for the lateral and central air vent assembly lines with their highly complex kinematics and illumination. Until now, the high-quality components were manufactured at the main fischer Automotive factory in Horb, while series production will take place at fischer Serbia, which will deliver the parts to the Mercedes plant in Sindelfingen, where the EQS is being manufactured.

With its interior components, the fischer Group of Companies is part of a product that also boasts sustainability, as the production of both the vehicle and the battery is carbon neutral. The steel of the bodywork consists of 80 per cent recycled scrap, while resource-saving materials such as carpets made from recycled yarn were also used. According to Mercedes, the

EQS is “the world's most aerodynamic production car”, which is reflected by the vehicle’s high range.

Image captions:

Image 1: The illuminated central vent by fischer Automotive for the new Mercedes-Benz EQS.

Image 2: EQS cupholders by fischer Automotive in their closed state.

Image 3: *EQS cupholders by fischer Automotive in their open state.*

Image 4: *The illuminated vent for the new EQS by fischer* Automotive.

Images: fischer Automotive

The fischer Group of Companies

The fischer Group of Companies, headquartered in Waldachtal in Germany's northern Black Forest, generated sales of 872 million euro in 2020 with a worldwide staff of 5,200 employees. The family-owned company operates 50 subsidiaries in 38 countries and exports to more than 120 countries. It includes the five divisions: fischer fixing systems, fischer Automotive, fischertechnik, fischer Consulting and LNT Automation

fischer fixing systems is the technological market leader in key areas of fixing technology. fischer offers products that deliver technical perfection to a wide range of customers, from do-it-yourselfers to tradespeople to key account partners.

fischer Automotive manufactures high-quality parts for vehicle interiors. The company is highly competent in the plastics processing segment and is an important partner for the automotive industry. Its range of products includes air vents, cup holders, trays and multi-function components.

With its construction kits, fischertechnik is active in both the toymaking and the educational sector. fischertechnik is one of the last remaining toy makers to exclusively develop and produce in Germany.

fischer Consulting evolved from the competence developed in the company itself, which includes the fischer ProcessSystem with its central aim of permanent improvement for the ultimate benefit of the customer. fischer Consulting advises small and medium-sized businesses, government agencies and major companies on their path towards lean and efficient processes.

LNT Automation develops and manufactures custom electronic solutions. The company also develops, produces and distributes custom and capacitive touch systems such as multi-touch solutions made of glass and the corresponding controller units. All electronics are manufactured in-house.

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