

Title (en)
APPARATUS FOR DISTRIBUTING ENERGY

Title (de)
VORRICHTUNG ZUR ENERGIEVERTEILUNG

Title (fr)
DISPOSITIF DE DISTRIBUTION D'ÉNERGIE

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Application
EP 22708099 A 20220221

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Abstract (en)
[origin: WO2022175504A1] The invention relates to an apparatus (1) for distributing energy in a fuel cell system comprising at least one fuel cell stack (2) and a high-voltage battery (3). The apparatus has electrical connections for the fuel cell stack (2) and the high-voltage battery (3) as well as at least one communication interface (12, 14), a transducer (5), a battery circuit breaker (9) for disconnecting the high-voltage battery (3) and the fuel cell stack (2), and an emergency switch-off device (6) for connecting the poles of the fuel cell stack (2), wherein the battery safety switch (9) is located between the transducer (5) and the high-voltage battery (3). The apparatus according to the invention is characterised in that an EMC filter (10) is provided and in that the battery circuit breaker (9) is designed to disconnect both electric poles of the connection.

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