

Title (en)
BATTERY PACK WITH COOLING CIRCUIT

Title (de)
BATTERIESATZ MIT KÜHLKREISLAUF

Title (fr)
PACK DE BATTERIE AVEC CIRCUIT DE REFROIDISSEMENT

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Application
EP 20820435 A 20201210

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Abstract (en)
[origin: WO2021116297A1] The invention relates to a battery pack of an electric or hybrid motor vehicle, which is constituted by an upper casing (3) and a lower casing (2), the pack being provided with a cooling circuit which enables circulation in the pack of a cooling fluid which is intended to be sprayed onto battery modules by means of spray nozzles (30), characterised in that the cooling circuit is suitable for ensuring circulation of the cooling fluid in a closed circuit inside the pack, with a pump (7) which is arranged in the internal vessel of the pack being capable of recirculating, back to the spray nozzles, the cooling fluid which is sprayed onto the modules and collected in a double base (23) arranged under a base wall (20) of the lower casing (2) by means of discharge openings (21) which are formed in the base wall of the lower casing.

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