

Title (en)

HEAT EXCHANGER, IN PARTICULAR FOR THERMAL REGULATION OF BATTERIES, AND CORRESPONDING MANUFACTURING METHOD

Title (de)

WÄRMETAUSCHER, INSBESONDERE ZUR THERMISCHEN REGELUNG VON BATTERIEN, UND ZUGEHÖRIGES HERSTELLUNGSVERFAHREN

Title (fr)

ECHANGEUR THERMIQUE, NOTAMMENT POUR LA RÉGULATION THERMIQUE DE BATTERIES, ET PROCÉDÉ DE FABRICATION CORRESPONDANT

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Application

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Abstract (en)

[origin: WO2018206895A1] The invention relates to a heat exchanger (1) for a motor vehicle, the heat exchanger (1) comprising at least one tube (11) for circulating a heat-transfer fluid, the ends of which enter a collector box (41, 42), each of said collector boxes (41, 42) comprising a collector (21, 22) having a first opening (210) for passing said at least one tube (11), and a cover (31, 32) having a second opening (310) for passing said at least one tube (11) and defining at least one chamber (316) for circulating the heat-transfer fluid, into which said at least one tube (11) leads. According to the invention, said at least one tube (11) and said cover (31, 32) are mechanically assembled with said collector (21, 22), and said collector box (41, 42) comprises at least one sealing gasket (51) arranged between said cover (31, 32) and said at least one tube (11), as well as between said collector (21, 22) and said cover (31, 32).

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