

Title (en)

HEAT EXCHANGER, IN PARTICULAR FOR A MOTOR VEHICLE

Title (de)

WÄRMETAUSCHER, INSBESONDERE FÜR EIN KRAFTFAHRZEUG

Title (fr)

ÉCHANGEUR THERMIQUE, NOTAMMENT POUR VÉHICULE AUTOMOBILE

Publication

**EP 3394546 A1 20181031 (FR)**

Application

**EP 16829106 A 20161216**

Priority

- FR 1562889 A 20151221
- FR 2016053497 W 20161216

Abstract (en)

[origin: WO2017109349A1] The invention relates to a heat exchanger for exchanging heat between at least a first fluid and a second fluid, in particular for a motor vehicle: the heat exchanger including a plurality of heat exchange tubes (5) each defining at least one flow channel for the first fluid, the heat exchanger having, at least in part, a coating capable of melting so as to join elements of the heat exchanger during assembly by brazing. According to the invention, the heat exchanger includes a plurality of first frames (13) for receiving the heat exchange tubes (5), and each of the first frames (13) has at least one recess (139) at an inner corner which receives a corner of a heat exchange tube (5), in order for the coating to flow during brazing of the heat exchanger, so as to prevent the coating from blocking the flow channels for the first fluid of the heat exchange tubes (5).

IPC 8 full level

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Citation (search report)

See references of WO 2017109349A1

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Designated extension state (EPC)

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