

Title (en)

HEAT EXCHANGER, IN PARTICULAR FOR A MOTOR VEHICLE

Title (de)

WÄRMETAUSCHER, INSBESONDERE FÜR EIN KRAFTFAHRZEUG

Title (fr)

ÉCHANGEUR THERMIQUE, NOTAMMENT POUR VEHICULE AUTOMOBILE

Publication

**EP 3394553 B1 20200129 (FR)**

Application

**EP 16826392 A 20161216**

Priority

- FR 1562893 A 20151221
- FR 2016053503 W 20161216

Abstract (en)

[origin: WO2017109355A1] The invention relates to a heat exchanger, in particular for a motor vehicle, said exchanger including: a heat exchange core (3) with a plurality of heat exchange tubes defining circulation channels for a fluid in the heat exchange tubes; and at least one box for collecting (19) the fluid. According to the invention, the heat exchanger (1) also includes a flange for attachment (23) of the collection box (19), forming an interface between the collection box (19) and the heat exchange core (3), and the attachment flange (23) includes at least one surface (235) arranged opposite the collection box (19) and having a coating which is intended to melt during the brazing of the heat exchanger (1).

IPC 8 full level

**F28F 9/02** (2006.01); **F28D 7/00** (2006.01); **F28D 7/16** (2006.01); **F28D 9/00** (2006.01); **F28F 1/02** (2006.01)

CPC (source: EP)

**F28D 7/0025** (2013.01); **F28D 7/1684** (2013.01); **F28D 7/1692** (2013.01); **F28D 9/0081** (2013.01); **F28F 1/022** (2013.01); **F28F 9/0221** (2013.01); **F28F 9/0251** (2013.01); **F28F 9/0253** (2013.01); **F28D 2021/0068** (2013.01); **F28D 2021/0073** (2013.01); **F28D 2021/008** (2013.01); **F28F 2275/04** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**FR 3045809 A1 20170623**; **FR 3045809 B1 20200110**; EP 3394553 A1 20181031; EP 3394553 B1 20200129; WO 2017109355 A1 20170629

DOCDB simple family (application)

**FR 1562893 A 20151221**; EP 16826392 A 20161216; FR 2016053503 W 20161216