

Title (en)

HEAT EXCHANGER, IN PARTICULAR FOR A MOTOR VEHICLE

Title (de)

WÄRMEAUSTAUSCHER, INSBESONDERE FÜR KRAFTFAHRZEUG

Title (fr)

ÉCHANGEUR DE CHALEUR, NOTAMMENT POUR VÉHICULE AUTOMOBILE

Publication

**EP 3298338 A1 20180328 (FR)**

Application

**EP 16723763 A 20160520**

Priority

- FR 1554659 A 20150522
- EP 2016061371 W 20160520

Abstract (en)

[origin: WO2016188882A1] The invention concerns a collecting plate (10), having an inner face (12) and an outer face (14), for a heat exchanger, and comprising at least three collars (16, 16a) arranged in a row in order to each receive a tube (18). The two end collars (16a) of the row of collars project from the inner face (12) of the collecting plate (10), while at least one of the other collars (16) projects from the outer face (14) of the collecting plate (10).

IPC 8 full level

**F28F 9/02** (2006.01)

CPC (source: EP KR US)

**F28F 9/0226** (2013.01 - EP KR US); **F28F 2230/00** (2013.01 - KR)

Citation (search report)

See references of WO 2016188882A1

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DOCDB simple family (publication)

**FR 3036469 A1 20161125; FR 3036469 B1 20170609**; CN 107771269 A 20180306; EP 3298338 A1 20180328; EP 3298338 B1 20200610; JP 2018515737 A 20180614; KR 20180008794 A 20180124; US 10465997 B2 20191105; US 2018283806 A1 20181004; WO 2016188882 A1 20161201

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