

Title (en)

COLLECTOR PLATE FOR A MOTOR VEHICLE HEAT EXCHANGER

Title (de)

KOLLEKTORPLATTE FÜR EINEN WÄRMETAUSCHER EINES KRAFTFAHRZEUGS

Title (fr)

PLAQUE COLLECTRICE POUR ÉCHANGEUR DE CHALEUR DE VÉHICULE AUTOMOBILE

Publication

**EP 3532791 B1 20240313 (FR)**

Application

**EP 17801078 A 20171027**

Priority

- FR 1660539 A 20161028
- FR 2017052973 W 20171027

Abstract (en)

[origin: WO2018078300A1] The invention relates to a collector plate (14) for a motor vehicle heat exchanger (10), comprising a first receiving zone (30) for tubes of a first tube bundle of a heat exchanger (10), and a second receiving zone (32) for tubes of a second tube bundle of a heat exchanger, the collector plate (14) having a groove (38), the groove (38) extending between the first and second receiving zones (30; 32), the collector plate (14) being thinner at the groove (38). The invention also relates to a heat exchange device for a motor vehicle (10), in particular a radiator for cooling the engine of a motor vehicle, with two methodical passes, comprising such a collector plate.

IPC 8 full level

**F28F 9/02** (2006.01); **F28D 21/00** (2006.01); **F28F 9/18** (2006.01)

CPC (source: EP US)

**F28D 1/05391** (2013.01 - EP); **F28F 9/0214** (2013.01 - EP); **F28F 9/0224** (2013.01 - EP US); **F28F 9/0226** (2013.01 - EP US); **F28D 2021/0091** (2013.01 - EP); **F28F 9/0217** (2013.01 - EP); **F28F 2265/26** (2013.01 - EP)

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)

**WO 2018078300 A1 20180503**; CN 109891180 A 20190614; CN 109891180 B 20210709; EP 3532791 A1 20190904; EP 3532791 B1 20240313; MX 2019004922 A 20190620; US 11092390 B2 20210817; US 2019277583 A1 20190912

DOCDB simple family (application)

**FR 2017052973 W 20171027**; CN 201780067402 A 20171027; EP 17801078 A 20171027; MX 2019004922 A 20171027; US 201716345518 A 20171027