

Title (en)

Heat exchanger, in particular oil cooler

Title (de)

Wärmetauscher, insbesondere Ölkühler

Title (fr)

Echangeur thermique, en particulier refroidisseur d'huile

Publication

**EP 1855074 A3 20100421 (DE)**

Application

**EP 07006495 A 20070329**

Priority

DE 102006022445 A 20060513

Abstract (en)

[origin: EP1855074A2] The heat exchanger (1) has heat exchanger plates (10) stacked into one another with tray-shaped edges (11). The flow channels (5) for heat-exchanging media are provided between heat exchanger plates with supply and discharge channels (20,22). A multipart mounting plate (2,3) is provided, where the lowest heat exchanger plate lies on the mounting plate. The edge (25) of the mounting plate comprising a recess (26) is transformed, to rest against the tray-shaped edge of the lowest heat exchanger plate.

IPC 8 full level

**F28D 9/00** (2006.01); **F28F 9/04** (2006.01)

CPC (source: EP US)

**F28D 9/005** (2013.01 - EP US); **F28F 9/0075** (2013.01 - EP US); **F28F 9/0246** (2013.01 - EP US); **F28D 2021/0089** (2013.01 - EP US)

Citation (search report)

- [ID] JP 2691155 B2 19971217
- [A] DE 19711258 A1 19980924 - BEHR GMBH & CO [DE]
- [A] DE 102005048452 A1 20060420 - BEHR GMBH & CO KG [DE]
- [AD] DE 102004003790 A1 20050811 - BEHR GMBH & CO KG [DE]

Cited by

CN102483310A; EP2963374A1; CN105910475A; DE102011080824A1; EP3276291A1; DE102011080829A1; EP2138793A3; EP2557383A3; US9528773B2; US10048013B2; US9863715B2; US10048014B2; WO2013020823A1; WO2013020828A1; WO2013122529A1; WO2011006825A3; JP2014521922A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1855074 A2 20071114**; **EP 1855074 A3 20100421**; **EP 1855074 B1 20150819**; DE 102006022445 A1 20071115; US 2007289724 A1 20071220

DOCDB simple family (application)

**EP 07006495 A 20070329**; DE 102006022445 A 20060513; US 80185007 A 20070511