

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

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DOCDB simple family (application)

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