

Title (en)

HEAT EXCHANGER, ESPECIALLY OIL/COOLANT COOLER

Title (de)

WÄRMETAUSCHER, INSBESONDERE ÖL-/KÜHLMITTEL-KÜHLER

Title (fr)

ECHANGEUR DE CHALEUR, NOTAMMENT RADIATEUR D'HUILE/DE LIQUIDE DE REFROIDISSEMENT

Publication

**EP 1711768 A1 20061018 (DE)**

Application

**EP 04803538 A 20041206**

Priority

- EP 2004013828 W 20041206
- DE 102004003790 A 20040123

Abstract (en)

[origin: WO2005071342A1] The invention relates to a heat exchanger, especially a stacked plate oil cooler (1) having a plate-type design. The heat exchanger is characterized in that two adjacent heat exchanger plates (2) define a space between them through which the heat exchange medium or a second medium that is to be cooled or heated flows. At one end of said heat exchanger, a base plate (3) lies substantially flat against the adjacent outmost heat exchanger plate (2) of the heat exchanger. Said base plate (3) is provided with a recess (5) whose contour follows that of the heat exchanger plate (2).

IPC 8 full level

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CPC (source: EP US)

**F28D 9/005** (2013.01 - EP US); **F28F 3/04** (2013.01 - EP US); **F28F 9/0246** (2013.01 - EP US); **F28D 2021/0089** (2013.01 - EP US)

Citation (search report)

See references of WO 2005071342A1

Citation (examination)

- JP H0674672 A 19940318 - HISAKA WORKS LTD
- EP 1063486 A1 20001227 - VALEO THERMIQUE MOTEUR SA [FR]
- EP 1063488 A1 20001227 - VALEO THERMIQUE MOTEUR SA [FR]

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DOCDB simple family (publication)

**WO 2005071342 A1 20050804**; BR PI0418440 A 20070522; DE 102004003790 A1 20050811; EP 1711768 A1 20061018; JP 2007518958 A 20070712; MX PA06008292 A 20070126; US 2008257536 A1 20081023

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