

Title (en)

Stacked plate heat exchanger for a motor vehicle

Title (de)

Stapelscheiben-Wärmetauscher für ein Kraftfahrzeug

Title (fr)

Echangeur thermique à empilement de plaques pour un véhicule automobile

Publication

**EP 2138793 B1 20150812 (DE)**

Application

**EP 09007532 A 20090608**

Priority

DE 102008029959 A 20080626

Abstract (en)

[origin: EP2138793A2] The heat exchanger has exchanger plates (1) connected in stack and sealingly soldered with each other. A main channel of a fluid e.g. engine oil of a lubricant loop of an internal combustion engine, extends in a stack direction, and is formed by aligned through-holes (8) of the individual plates. A cover plate (4) is soldered with an upwardly curved outer edge of the top exchanger plate, and is soldered with an edge of the main channel in a fluid sealing manner. A reinforcement plate (5) is externally fixed on the cover plate by soldering, and is arranged in a region of a main channel.

IPC 8 full level

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

CPC (source: EP)

**F28D 9/005** (2013.01); **F28F 9/00** (2013.01); **F28F 9/0075** (2013.01); **F28F 2225/02** (2013.01)

Cited by

JP2014085044A; CN112935739A; FR3134884A1; EP2466241A1; FR3134883A1; CN117147344A

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