

Title (en)  
Plate heat exchanger

Title (de)  
Plattenwärmetauscher

Title (fr)  
Échangeur thermique à plaques

Publication  
**EP 2557383 A3 20140305 (DE)**

Application  
**EP 12178154 A 20120727**

Priority  
DE 102011080829 A 20110811

Abstract (en)  
[origin: EP2557383A2] The exchanger (1) has a set of heat exchanger plates (4) arranged in a stack-like manner between a slab (2) and a base plate (3). The heat exchanger plates are rotatably soldered with one another over edges in a fluid tight manner, where the heat exchanger is connected with a component i.e. internal combustion engine, over the base plate. The base plate is constructed by two interconnected plates. Plates of the base plate are soldered with one another in a planar manner, where one of the plates and the neighboring heat exchanger plates are soldered with one another in a linear manner. An independent claim is also included for a method for manufacturing a plate heat exchanger.

IPC 8 full level  
**F28D 9/00** (2006.01); **F28F 3/00** (2006.01)

CPC (source: EP)  
**F28D 9/0043** (2013.01); **F28D 9/005** (2013.01); **F28F 3/00** (2013.01); **F28F 2280/06** (2013.01)

Citation (search report)

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- [X] WO 2007038871 A1 20070412 - DANA CANADA CORP [CA], et al
- [Y] US 2011024095 A1 20110203 - KOZDRAS MARK [CA], et al
- [Y] WO 2005071342 A1 20050804 - BEHR GMBH & CO KG [DE], et al
- [A] WO 9936741 A1 19990722 - SEIDEL PESSACH [IL]
- [A] EP 2267390 A2 20101229 - BEHR GMBH & CO KG [DE]

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2557383 A2 20130213; EP 2557383 A3 20140305; EP 2557383 B1 20190911**; DE 102011080829 A1 20130214

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