

Title (en)  
Plate heat exchanger

Title (de)  
Plattenwärmetauscher

Title (fr)  
Echangeur thermique à plaques

Publication  
**EP 2557383 B1 20190911 (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)

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