

Title (en)  
Plate heat exchanger

Title (de)  
Plattenwärmeübertrager

Title (fr)  
Echangeur de chaleur à plaques

Publication  
**EP 1571407 A3 20100929 (DE)**

Application  
**EP 05003752 A 20050222**

Priority  
DE 102004010640 A 20040305

Abstract (en)  
[origin: EP1571407A2] An automotive climate-control heat exchanger has first and second heat exchanger plates (4a, 4b) arranged in an alternating stacked array with at least two passages for fluid media. The gap between each pair of panels has a fluid inlet and an outlet. The fluid flow passage for one medium is formed by a metal tube from one panel to the obverse side of the next. The obverse side bears a structure.

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

CPC (source: EP US)  
**F28D 9/0012** (2013.01 - EP US); **F28D 9/005** (2013.01 - EP US); **F28F 3/048** (2013.01 - EP US); **F28F 2210/10** (2013.01 - EP US)

Citation (search report)

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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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR LV MK YU

DOCDB simple family (publication)  
**EP 1571407 A2 20050907; EP 1571407 A3 20100929; EP 1571407 B1 20200408**; DE 102004010640 A1 20050922; US 2005194123 A1 20050908; US 7600559 B2 20091013

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**EP 05003752 A 20050222**; DE 102004010640 A 20040305; US 7213005 A 20050304