

Title (en)
Plate heat exchanger

Title (de)
Plattenwärmetauscher

Title (fr)
Echangeur de chaleur à plaques

Publication
EP 0819907 B1 19990804 (DE)

Application
EP 97111882 A 19970712

Priority
DE 19628561 A 19960716

Abstract (en)
[origin: EP0819907A2] The exchanger (1) comprises individual heat exchanger plates stacked one in another and soldered to form a packet. Through this pass vertical connections for inflow and outflow channels (3) for a heating or cooling medium (A), and flow channels (4,5,6) for other media (B,C,D). From the flow channels, the heating or cooling medium and the other media diffuse into separated horizontal channels. The plate heat exchanger next to the flow channels for the heating and cooling medium has at least three further separated flow channels for the other media. The media can be fed in and/or out from opposite sides (19,20) of the plate heat exchanger. In the flow channels for the heat-exchanger medium (B) a separating component (7) is arranged for the separation of the second heat-exchanging medium (C), which can be fed in and out from the opposite side (20) of the plate heat exchanger.

IPC 1-7
F28D 9/00

IPC 8 full level
F28D 9/00 (2006.01)

CPC (source: EP)
F28D 9/005 (2013.01); **F28D 9/0093** (2013.01)

Cited by
EP1054225A4; EP1559980A1; CN114136127A; DE10021481A1; EP1152204A3; DE102013225321A1; CN106403669A; US7740058B2; EP1152204A2; US6530425B2

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AT DE DK ES FR GB IT NL SE

DOCDB simple family (publication)
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