

Title (en)
Plate-like heat exchanger

Title (de)
Plattenwärmetauscher

Title (fr)
Echangeur de chaleur à plaques

Publication
EP 0864837 B1 20020522 (DE)

Application
EP 97119932 A 19971114

Priority
DE 19709671 A 19970311

Abstract (en)
[origin: EP0864837A2] The heat exchanger has a number of corrugated rectangular plates stacked together to form two separate flow paths for two different heat exchanging media. The flow paths have inlet and outlet ports and are sealed to prevent mixing, the profile of the plates being such as to enhance the sealing in the vulnerable areas. The rectangular stack of plates (1) has an inlet or outlet openings (2) for the flow of a first heating medium through a path (4) and another (3) for a second heating medium flowing behind the first plate (5) which has a corrugated profile. Between the first flow path and the second inlet/outlet opening is a seal (6) and the second opening also has a seal (7).

IPC 1-7
F28F 3/08; **F28F 3/10**

IPC 8 full level
F28F 3/08 (2006.01); **F28F 3/10** (2006.01)

CPC (source: EP)
F28F 3/083 (2013.01); **F28F 3/10** (2013.01)

Cited by
JP2010513839A; US10871333B2; US2019003783A1; AU2006209162B2; FR2910607A1; US10006722B2; US8544529B2; EP3182048A1; CN108474631A; KR20200047776A; WO2008084174A3; WO2006080874A1; WO2017102410A1

Designated contracting state (EPC)
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