

Title (en)
Plate-like heat exchanger

Title (de)
Plattenwärmetauscher

Title (fr)
Echangeur de chaleur à plaques

Publication
EP 1172624 B1 20030827 (DE)

Application
EP 01114277 A 20010613

Priority
DE 10034343 A 20000714

Abstract (en)
[origin: EP1172624A2] Plate heat exchanger comprises a stack of plates through which the media in the heat exchanger flow, preferably in countercurrent. The individual plates (8) are provided with rows of channel-like stamped sections (9) which lie directly above each other on successive plates. The stamped sections are found on the same sides of the plates and extend in parallel rows at equal distances (r) to each other. Preferred Features: The stamped sections on successive plates are offset in the direction of their rows. The offsets (VP, V) are half the length of the stamped section.

IPC 1-7
F28D 9/00; **F28F 3/04**

IPC 8 full level
F28D 9/00 (2006.01); **F28F 3/04** (2006.01)

CPC (source: EP US)
F28D 9/0037 (2013.01 - EP US); **F28F 3/042** (2013.01 - EP US); **F28F 2250/104** (2013.01 - EP US)

Cited by
US11105561B2; WO2019038282A1; EP3447429A1; CN110785620A; JP2020531777A

Designated contracting state (EPC)
FR GB

DOCDB simple family (publication)
EP 1172624 A2 20020116; **EP 1172624 A3 20020123**; **EP 1172624 B1 20030827**; DE 10034343 A1 20020207; DE 10034343 C2 20030424; US 2002005280 A1 20020117

DOCDB simple family (application)
EP 01114277 A 20010613; DE 10034343 A 20000714; US 90446701 A 20010713