

Title (en)
Plate heat exchanger

Title (de)
Plattenwärmetauscher

Title (fr)
Echangeur de chaleur à plaques

Publication
EP 1531314 B1 20061122 (DE)

Application
EP 04022403 A 20040921

Priority
DE 20317469 U 20031111

Abstract (en)
[origin: EP1531314A1] The baseplate (1) has two grip holes for fastenings and the plates (2), apart from the grip opened areas (5) at the grip holes (3), are all of baseplate size. The baseplate has two inlets and outlets for the exchange fluids and the grip holes (3) are either simple bores or else designed as slots (10) open to the edge of the baseplate (1) and set halfway across the narrow sides of the specifically rectangular baseplate. The inlets and outlets are at the baseplate corners so the grip holes stand between in line with the respective inlets or outlets. The openings (5) present steadily rounded transitions.

IPC 8 full level
F28D 9/00 (2006.01); **F28F 9/00** (2006.01); **F28F 9/007** (2006.01)

CPC (source: EP)
F28D 9/005 (2013.01); **F28F 9/002** (2013.01); **F28F 9/0075** (2013.01)

Cited by
US2021270537A1; US11821694B2; CN109141081A; US7717165B2; US7721795B2; WO2011092240A1

Designated contracting state (EPC)
DE FR GB IT NL

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