

Title (en)
Plate heat exchanger

Title (de)
Plattenwärmeübertrager

Title (fr)
Echangeur de chaleur à plaques

Publication
EP 1400772 B1 20070516 (DE)

Application
EP 03016863 A 20030724

Priority
DE 10243522 A 20020919

Abstract (en)
[origin: EP1400772A2] The heat exchanger consists of uprights (1), base plate (2), cover plate (3) and heat-transfer plates (4) in which is at least one preferably circular passage (5) for two media. The heat transfer plates are stacked in or one each other so that the passages form collector or distributor ducts (6-9) from which lead outlets or inlets to flow ducts (10,11). between heat transfer plates. A main body (12) extends through the distributor or collector duct, and is joined at one end (13) to the base plate and, at the other end(14)to the cover plate.

IPC 8 full level
F28D 9/00 (2006.01); **F28F 27/02** (2006.01)

CPC (source: EP US)
F28D 9/005 (2013.01 - EP US); **F28F 9/0075** (2013.01 - EP US); **F28F 9/0246** (2013.01 - EP US); **F28F 9/028** (2013.01 - EP US);
F28F 2225/00 (2013.01 - EP US); **Y10S 165/906** (2013.01 - EP US)

Cited by
DE102015012029A1; EP1647796A1; CN106556263A; FR3111977A1; EP1600314A1; US7600559B2; EP1571407A2; EP1645828B1

Designated contracting state (EPC)
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