

Title (en)

Asymmetric plate heat exchanger

Title (de)

Plattenwärmetauscher in asymmetrischer Ausführung

Title (fr)

Echangeur thermique à plaques conçu de manière asymétrique

Publication

EP 2674718 B1 20181003 (DE)

Application

EP 13172071 A 20130614

Priority

DE 102012105144 A 20120614

Abstract (en)

[origin: EP2674718A2] The heat exchanger has heat transfer plates (1) that are provided with a meander-shaped profile (2). The frustums of the pyramids (3) are protruded from a plate plane (4). A base section (5) is arranged between the frustums of pyramids and plate plane. The passages having different flow volume are formed by adjacently staking the heat transfer plates. The heat transfer fluid is flowed through the passages. The base portion of upper heat transfer plate is located under the frustums of pyramids of heat transfer plate.

IPC 8 full level

F28F 3/04 (2006.01); **F28D 9/00** (2006.01)

CPC (source: EP)

F28D 9/0043 (2013.01); **F28F 3/044** (2013.01)

Cited by

US10321703B2; WO2016005109A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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