

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

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DOCDB simple family (publication)

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DE 102012105144 B4 20211202; DK 2674718 T3 20190128; ES 2705226 T3 20190322

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