

Title (en)

Plate for heat exchanger and plate heat exchanger

Title (de)

Wärmetauscherplatte und Plattenwärmetauscher

Title (fr)

Plaque d'un échangeur thermique et échangeur thermique à plaques

Publication

EP 1426722 B1 20060118 (FR)

Application

EP 03292594 A 20031017

Priority

FR 0215373 A 20021205

Abstract (en)

[origin: EP1426722A1] The heat exchange panel has stacked plates (1-1c) each with a deformable central area having undulations (3) formed of successive linear and oblique portions. The oblique portions have alternating different directions of offset but generally follow the longitudinal direction of the plates. Secondary undulations (5) extend at an angle of between forty five and ninety degrees to the first.

IPC 8 full level

F28F 3/04 (2006.01)

CPC (source: EP US)

F28D 9/0037 (2013.01 - EP US); **F28F 3/046** (2013.01 - EP US); **F28F 2265/26** (2013.01 - EP US)

Cited by

EP2068108A4; CN110044954A; AU2006282087B2; EP1931931A4; US8166666B2; US8684071B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1426722 A1 20040609; **EP 1426722 B1 20060118**; AT E316235 T1 20060215; DE 60303276 D1 20060406; DE 60303276 T2 20060720; FR 2848292 A1 20040611; FR 2848292 B1 20050304; JP 2004184075 A 20040702; US 2004188074 A1 20040930; US 7044206 B2 20060516

DOCDB simple family (application)

EP 03292594 A 20031017; AT 03292594 T 20031017; DE 60303276 T 20031017; FR 0215373 A 20021205; JP 2003407900 A 20031205; US 69836103 A 20031103