

Title (en)

HEAT EXCHANGE PLATE WITH MICRO CHANNELS AND HEAT EXCHANGER COMPRISING AT LEAST ONE SUCH PLATE

Title (de)

WÄRMEAUSTAUSCHPLATTE MIT MIKROKANÄLEN UND WÄRMETAUSCHER MIT MINDESTENS EINER SOLCHEN PLATTE

Title (fr)

PLAQUE D'ECHANGE THERMIQUE A MICROCANAU ET ECHANGEUR THERMIQUE COMPORTANT AU MOINS UNE TELLE PLAQUE

Publication

EP 3234488 A1 20171025 (FR)

Application

EP 15810654 A 20151216

Priority

- FR 1462537 A 20141216
- EP 2015080063 W 20151216

Abstract (en)

[origin: WO2016097032A1] Heat exchange plate (2) for a device for exchanging heat between two fluids, said plate comprising strips (B1, B2) between two edges of the plate in a first direction (X), the strips (B1, B2) being placed side by side in a second direction (Y), each strip (B1, B2) comprising at least one fluid circulation channel extending from one end of the plate to the other and opening into the edges of the plate, said strips (B1, B2) having undulations comprising crests and troughs, two directly adjacent strips being arranged relative to one another in such a way that a crest of one strip and a crest of the directly adjacent strip are offset in the first direction (X) and that, in the second direction (Y), the crest of one strip and the trough of the directly adjacent strip delimit flow paths for the other fluid.

IPC 8 full level

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CPC (source: EP)

F25B 39/00 (2013.01); **F28D 1/0471** (2013.01); **F28F 1/025** (2013.01); **F28D 2021/0036** (2013.01)

Citation (search report)

See references of WO 2016097032A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3030029 A1 20160617; **FR 3030029 B1 20170120**; EP 3234488 A1 20171025; EP 3234488 B1 20181107; WO 2016097032 A1 20160623

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