

Title (en)

HEAT EXCHANGER PLATE FOR A PLATE HEAT EXCHANGER WITH A PARTICULAR HEAT EXCHANGE AREA

Title (de)

WÄRMETAUSCHERPLATTE FÜR EINEN PLATTENWÄRMETAUSCHER MIT EINER BESTIMMTEN WÄRMETAUSCHERFLÄCHE

Title (fr)

PLAQUE D'ÉCHANGEUR DE CHALEUR POUR ÉCHANGEUR DE CHALEUR À PLAQUES DOTÉ D'UNE ZONE D'ÉCHANGE DE CHALEUR PARTICULIÈRE

Publication

EP 3906384 A1 20211110 (EN)

Application

EP 19748980 A 20190628

Priority

- PL 12794519 U 20190104
- PL 2019000048 W 20190628

Abstract (en)

[origin: WO2020141982A1] The heat exchange area (4) of a heating plate (1) of a plate heat exchanger having corrugations is characterized in that the corrugations have additional local corrugations on their front and/or side surfaces forming notches (45, 4F) and the apex line (4L) of the corrugations is discontinuous; preferably it is a polygonal curve or a wavy line.

IPC 8 full level

F28D 9/00 (2006.01); **F28F 3/04** (2006.01); **F28F 3/08** (2006.01); **F28F 3/10** (2006.01); **F28F 21/06** (2006.01); **F28F 21/08** (2006.01)

CPC (source: EP US)

F28D 9/005 (2013.01 - EP US); **F28F 3/046** (2013.01 - EP US); **F28F 3/083** (2013.01 - EP); **F28F 3/10** (2013.01 - EP); **F28D 9/0006** (2013.01 - EP); **F28D 2021/0022** (2013.01 - EP); **F28D 2021/0042** (2013.01 - EP); **F28D 2021/0059** (2013.01 - EP); **F28D 2021/0068** (2013.01 - EP); **F28F 21/065** (2013.01 - EP); **F28F 21/083** (2013.01 - EP); **F28F 21/086** (2013.01 - EP); **F28F 2215/10** (2013.01 - EP); **F28F 2255/06** (2013.01 - EP); **F28F 2275/025** (2013.01 - EP); **F28F 2275/04** (2013.01 - EP); **F28F 2275/06** (2013.01 - EP); **F28F 2275/20** (2013.01 - EP)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

PL 2019000048 W 20190628; CN 201980087134 A 20190628; EP 19748980 A 20190628; PL 12794519 U 20190104; US 202117356679 A 20210624