

Title (en)

A HEAT EXCHANGER PLATE, AND A PLATE HEAT EXCHANGER

Title (de)

WÄRMETAUSCHERPLATTE UND PLATTENWÄRMETAUSCHER

Title (fr)

PLAQUE D'ÉCHANGEUR DE CHALEUR ET ÉCHANGEUR DE CHALEUR À PLAQUES

Publication

**EP 3287731 B1 20190410 (EN)**

Application

**EP 17186703 A 20170817**

Priority

SE 1651142 A 20160825

Abstract (en)

[origin: EP3287731A1] A heat exchanger plate (1) for a plate heat exchanger comprises a heat exchanger area (4) extending in parallel with an extension plane and comprising a primary corrugation (10). The heat exchanger area comprises at least three sides (5, 6). A longitudinal central axis (x) extends in parallel with the extension plane through at least one of the sides. A plurality of portholes (9) extends through the heat exchanger area. An edge flange (8) extends outside and around the heat exchanger area along the sides. The edge flange is inclined in relation to the extension plane. The edge flange comprises a secondary corrugation (20) of ridges (21) and valleys (22).

IPC 8 full level

**F28D 9/00** (2006.01); **F28F 3/02** (2006.01)

CPC (source: EP SE)

**F28D 9/00** (2013.01 - SE); **F28D 9/005** (2013.01 - EP); **F28F 3/025** (2013.01 - EP SE); **F28F 2275/14** (2013.01 - EP)

Cited by

CN108662939A

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

DOCDB simple family (publication)

**EP 3287731 A1 20180228**; **EP 3287731 B1 20190410**; DK 3287731 T3 20190715; SE 1651142 A1 20180226; SE 541261 C2 20190521

DOCDB simple family (application)

**EP 17186703 A 20170817**; DK 17186703 T 20170817; SE 1651142 A 20160825