

Title (en)
Plate heat exchanger system

Title (de)
Plattenwärmetauscher-System

Title (fr)
Système d'échangeur à plaques

Publication
EP 2703765 B1 20171025 (DE)

Application
EP 12181825 A 20120827

Priority
EP 12181825 A 20120827

Abstract (en)
[origin: EP2703765A1] The lath (1) has interconnected plates (3,4) that are arranged between the two legs (5,6). The shape of the lath main portion is similar to the shape of the plates corresponds in the partial regions. The legs of the lath main portion is arranged with plates provided with a projections and recesses (7-10). The projections and recesses of the plate are exchangeable. The projections and recesses of the plates are formed linearly. The projections and recesses have undercuts which form-fit in corresponding elements of the plates that are exchangeable. An independent claim is included for plate heat exchanger.

IPC 8 full level
F28F 19/00 (2006.01); **F28D 9/00** (2006.01)

CPC (source: EP)
F28D 9/0031 (2013.01); **F28F 19/002** (2013.01); **F28F 2225/04** (2013.01); **F28F 2275/06** (2013.01)

Citation (examination)

- CH 529935 A 19721031 - VAW VER ALUMINIUM WERKE AG [DE]
- US 5186250 A 19930216 - OUCHI WATARU [JP], et al
- DE 4100940 C1 19911121

Cited by
EP4163140A1; NL2019102B1; FR3088709A1; CN109958556A; JP2019105271A; WO2020099808A1

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 2703765 A1 20140305; EP 2703765 B1 20171025; EP 3205969 A1 20170816; EP 3205969 B1 20210721

DOCDB simple family (application)
EP 12181825 A 20120827; EP 17158496 A 20120827