

Title (en)

Plate for plate-like heat exchanger and process for manufacturing same

Title (de)

Wärmetauscherplatte für einen Plattenwärmetauscher und Verfahren zur Herstellung einer Wärmetauscherplatte

Title (fr)

Plaque pour échangeur de chaleur à plaques et son procédé de fabrication

Publication

EP 1731863 A3 20120530 (DE)

Application

EP 06011702 A 20060607

Priority

DE 102005026328 A 20050607

Abstract (en)

[origin: EP1731863A2] Heat exchange plate has inflow and outflow openings and is sectioned. The heat exchange plate (2) is made of metal plate segment (10,11) welded together. The weld seam (25) or weld seams follow a straight course along the sectioning and/or follow the contour of the sections or another contour of the heat exchange plate. The metal plate segments are welded together using cross or lengthwise seams or combination of both seam types. By the process, the flat metal segments are welded together into a heat exchange plate blank which is then shaped into a heat exchange plate. Alternatively the segments are bent and then welded into a heat exchange plate.

IPC 8 full level

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

CPC (source: EP)

F28D 9/005 (2013.01); **F28F 3/04** (2013.01); **F28F 3/083** (2013.01)

Citation (search report)

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- [Y] FR 2769082 A1 19990402 - PACKINOX SA [FR]
- [A] EP 0061904 A2 19821006 - CREPACO [US]
- [A] US 3880232 A 19750429 - PARKER KENNETH O

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DE202015103467U1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1731863 A2 20061213; EP 1731863 A3 20120530; DE 102005026328 A1 20061221; DE 102005026328 B4 20071108

DOCDB simple family (application)

EP 06011702 A 20060607; DE 102005026328 A 20050607