

Title (en)
Brazen heat exchanger

Title (de)
Gelöteter Wärmetauscher

Title (fr)
Échangeur de chaleur brasé

Publication
EP 2370771 B1 20170719 (EN)

Application
EP 09771363 A 20091211

Priority
• EP 2009066928 W 20091211
• SE 0802596 A 20081217

Abstract (en)
[origin: WO2010069871A1] A brazed plate heat exchanger (400) for exchanging heat between at least two media, wherein at least one of the media could have a working pressure of at least 50 bars, comprises a number of heat exchanger plates (100; 200) comprising a pressed pattern of ridges and grooves. Those are adapted to form flow channels for media to exchange heat flowing through said flow channels. The plates (100; 200) further comprises port openings (120, 130; 220; 300, 310) arranged to allow fluid communication with said flow channels and a skirt (140) extending around the periphery of the heat exchanger plates (100;200). Skirts (140) of neighboring plates (100;200) are arranged to contact one another in an overlapping manner in order to obtain a connection sealing the flow channels. At least one of said port openings (120, 130; 220; 300, 310) is placed on a peninsula (150) surrounded by the skirt (140) over at least 100 degrees.

IPC 8 full level
F28D 9/00 (2006.01)

CPC (source: EP US)
F28D 9/005 (2013.01 - EP US); **F28F 3/046** (2013.01 - EP US); **F28F 2225/00** (2013.01 - EP US)

Citation (examination)
DE 19611447 C1 19970710 - LAENGERER & REICH GMBH & CO [DE]

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