

Title (en)  
HEAT EXCHANGER WITH PLATES

Title (de)  
PLATTENWÄRMETAUSCHER

Title (fr)  
ECHANGEUR THERMIQUE A PLAQUES

Publication  
**EP 2097705 B1 20201118 (FR)**

Application  
**EP 07871987 A 20071220**

Priority  
• FR 2007052576 W 20071220  
• FR 0655792 A 20061221

Abstract (en)  
[origin: FR2910607A1] The exchanger (1) has an assembly of plates (10) defining fluid circuits (2, 3) by a sealing joint (4) connected between each pair of adjacent plates. Each plate has a guiding cut (5) that is arranged at the level of its end and guides the plate at the interior of a frame (6). A rectangle parallelepiped shaped spacer (7) is arranged between each pair of adjacent plates and at the proximity of the cut. The spacer is compressed and arranged in contact with the plates, where the spacer has thickness equal to thickness of a sealing joint, before compression, and forms a protrusion of the joint.

IPC 8 full level  
**F28D 9/00** (2006.01); **F28F 3/08** (2006.01); **F28F 3/10** (2006.01)

CPC (source: EP US)  
**F28D 9/0031** (2013.01 - EP US); **F28F 3/083** (2013.01 - EP US); **F28F 3/10** (2013.01 - EP US)

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• GB 842962 A 19600804 - SILKEBORG MASKINFABRIK AS  
• JP 3061100 U 19990914

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DOCDB simple family (publication)  
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