

Title (en)  
HEAT EXCHANGER WITH SPECIFIC PLATES

Title (de)  
WÄRMETAUSCHER MIT BESONDEREN PLATTEN

Title (fr)  
ECHANGEUR DE CHALEUR A PLAQUES SPECIFIQUES

Publication  
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Application  
**EP 05800230 A 20050923**

Priority  
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• FR 0452257 A 20041004

Abstract (en)  
[origin: WO2006037912A1] The invention concerns a plate heat exchanger, comprising a plurality of plates (2-5) assembled to define between them fluid circulating channels (6-8). Each plate comprises undulations (25) or corrugations defined between apex lines of corrugations (35) and base lines of corrugations (32). At least one part of the plates comprises recessed (30, 31) and bump (33) deformations located between the apex and base lines of corrugations. Said exchanger is characterized by the positioning of said bumps and recesses relative to contact points (51, 54) between adjacent plates (48, 25) delimiting the channel.

IPC 8 full level  
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