

Title (en)  
Plate-like heat exchanger

Title (de)  
Plattenwärmetauscher

Title (fr)  
Echangeur de chaleur à plaques

Publication  
**EP 1176381 B1 20090225 (DE)**

Application  
**EP 01250256 A 20010711**

Priority  
DE 10035776 A 20000722

Abstract (en)  
[origin: US2002074112A1] A plate heat exchanger including adjoining plates disposed adjacent one another and having peripheral grooves and channels alternately for media giving off heat and absorbing heat, seals made of an elastic material each being emplaced between the adjoining plates in the groove of one of the plates, attachment holes in each plate, and nipples on each seal insertable in the holes and with cross-sections different from the penetration cross-sections of the holes such that the nipples when inserted into the holes are not compressed about their entire circumference but only at spaced sites thereon at which the nipples project beyond the margin of the holes. The holes are defined by downturned edges which have radii and point in the insertion direction of the nipples into the holes.

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

CPC (source: EP KR US)  
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