

Title (en)
Plate-like heat exchanger.

Title (de)
Plattenwärmetauscher.

Title (fr)
Echangeur de chaleur à plaques.

Publication
EP 0597778 B1 19950913 (FR)

Application
EP 93420440 A 19931102

Priority
FR 9213438 A 19921103

Abstract (en)
[origin: EP0597778A1] The end-piece (4a) of each connector (4) includes a screw thread (4b) which emerges in a groove (4c) so that it is screwed into the perforation (1b) of the end plate or plates (1) of the stack, the edge of the perforation becoming engaged in the aforementioned groove (4c). The annular space (x) which remains around this edge is closed in a leaktight manner by a brazing bead during assembly of the plates (1) by brazing. This avoids any risk of premature detachment of the connectors (4). <IMAGE>

IPC 1-7
F28D 9/00; **F28F 9/04**

IPC 8 full level
F28D 9/00 (2006.01); **F28F 9/04** (2006.01)

CPC (source: EP)
F28D 9/005 (2013.01); **F28F 9/0246** (2013.01); **F28F 9/0248** (2013.01)

Cited by
DE4431413A1; DE4431413C2; KR100783616B1; AU2003221657B2; US5896916A; EP0774636A3; KR100783599B1; AT408578B; FR2746491A1; EP2118609A4; US6843311B2; WO2008111732A1; WO9638699A1; WO03091647A1; WO0011425A1; US8181695B2; US8544532B2

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0597778 A1 19940518; **EP 0597778 B1 19950913**; DE 69300478 D1 19951019; DE 69300478 T2 19960523; ES 2076833 T3 19951101; FR 2697621 A1 19940506; FR 2697621 B1 19950113

DOCDB simple family (application)
EP 93420440 A 19931102; DE 69300478 T 19931102; ES 93420440 T 19931102; FR 9213438 A 19921103