

Title (en)
Heat exchanger

Title (de)
Wärmeüberträger

Title (fr)
Echangeur de chaleur

Publication
EP 0853224 B1 20011107 (DE)

Application
EP 97100494 A 19970115

Priority
EP 97100494 A 19970115

Abstract (en)
[origin: EP0853224A1] A heat exchanger has several pairs of plates. Each plate forming a pair (7) is joined to the adjacent plate by a welded seam around the edge. Pairs of plates are assembled into stacks. One fluid medium flows through the gap between the pairs and the other fluid medium flows between the pairs. The plate stacks (4) sit within a housing (1). The housing has one or more inlets (11) and one or more outlets (13,14) for the medium flowing between the plates. Each individual plate has an inlet (7a) and an outlet (7b) linked to the adjacent pairs of plates, and which are sealed against the other medium.

IPC 1-7
F28D 9/00; **F28F 3/08**; **C13G 1/00**

IPC 8 full level
C13B 25/00 (2011.01); **F28D 9/00** (2006.01); **F28F 3/08** (2006.01)

CPC (source: EP)
C13B 25/003 (2013.01); **F28D 9/0006** (2013.01); **F28F 3/083** (2013.01)

Cited by
EP1098008A1; FR2793875A1; EP1154216A1; EP1085285A3; US6793770B1

Designated contracting state (EPC)
DE DK ES FR GB IT SE

DOCDB simple family (publication)
EP 0853224 A1 19980715; **EP 0853224 B1 20011107**; DE 59705267 D1 20011213; DK 0853224 T3 20020225; ES 2167622 T3 20020516

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