

Title (en)
Heat exchanger

Title (de)
Wärmeübertrager

Title (fr)
Echangeur de chaleur

Publication
EP 1308685 A3 20060503 (DE)

Application
EP 02023318 A 20021018

Priority
DE 10153877 A 20011102

Abstract (en)
[origin: EP1308685A2] A method for assembling a two fluid system heat exchanger has a number of pressed plates stacked to form the required heat exchanger. The circular plates are in pairs with contacting edges. The edges have overlapping apertures about a central square region to form the connecting ducts for the two fluid system.

IPC 8 full level
F28D 9/00 (2006.01)

CPC (source: EP US)
F28D 9/0012 (2013.01 - EP US); **F28D 9/005** (2013.01 - EP US); **Y10S 165/916** (2013.01 - EP US)

Citation (search report)

- [XY] DE 19517174 C1 19960605 - LAENGERER & REICH GMBH & CO [DE]
- [DY] DE 19909881 A1 20000907 - BEHR GMBH & CO [DE]
- [A] EP 0045257 A2 19820203 - COMMISSARIAT ENERGIE ATOMIQUE [FR], et al
- [XY] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 04 30 April 1997 (1997-04-30)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 09 13 October 2000 (2000-10-13)
- [X] PATENT ABSTRACTS OF JAPAN vol. 011, no. 175 (M - 596) 5 June 1987 (1987-06-05)

Cited by
US7717165B2; WO2011003496A3; WO2005012819A1; US7721795B2; US9228784B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
EP 1308685 A2 20030507; **EP 1308685 A3 20060503**; **EP 1308685 B1 20120912**; DE 10153877 A1 20030515; US 2003098146 A1 20030529; US 6681846 B2 20040127

DOCDB simple family (application)
EP 02023318 A 20021018; DE 10153877 A 20011102; US 28568102 A 20021101