

Title (en)

PLATES OF AN ARRAY OF HEAT TRANSFER PLATES

Title (de)

PLATTEN EINES WÄRMETAUSCHERPLATTENSTAPELS

Title (fr)

PLAQUES D'UN FAISCEAU DE PLAQUES D'ECHANGE THERMIQUE

Publication

**EP 1019665 A1 20000719 (FR)**

Application

**EP 98946508 A 19980923**

Priority

- FR 9802050 W 19980923
- FR 9712078 A 19970929

Abstract (en)

[origin: FR2769082A1] The invention concerns a plate of an array of heat transfer plates (1), comprising a central part provided with undulations (11) and edges with smooth surface, characterised in that it is formed by at least two metal plate portions (12; 13) of different metallurgical compositions, abutted to form at least a joint face (14) and mutually connected by a continuous and sealed weld seam (15) extending over the whole length of said joint face (14). The invention also concerns methods for making this type of plates and an array of heat transfer plates comprising such a plate.

IPC 1-7

**F28D 9/00**

IPC 8 full level

**F28F 3/00** (2006.01); **F28D 9/00** (2006.01); **F28F 3/08** (2006.01); **F28F 13/14** (2006.01); **F28F 21/08** (2006.01)

CPC (source: EP)

**F28D 9/0037** (2013.01); **F28D 9/0068** (2013.01); **F28F 13/14** (2013.01); **F28F 21/087** (2013.01); **F28F 2250/104** (2013.01); **F28F 2255/04** (2013.01)

Citation (search report)

See references of WO 9917070A1

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

**FR 2769082 A1 19990402**; **FR 2769082 B1 19991224**; EP 1019665 A1 20000719; JP 2001518602 A 20011016; WO 9917070 A1 19990408

DOCDB simple family (application)

**FR 9712078 A 19970929**; EP 98946508 A 19980923; FR 9802050 W 19980923; JP 2000514096 A 19980923