

Title (en)

FLAT HEAT EXCHANGE PLATE AND METHOD OF MAKING IT

Publication

EP 0110311 B1 19860226 (DE)

Application

EP 83111716 A 19831123

Priority

DE 3243713 A 19821126

Abstract (en)

[origin: WO8402178A1] Heat exchanger panel (1), comprised of two superposed plates (2 and 3) between which are provided channels (4 and 5) for a medium to be heated or cooled. Both plates (2 and 3) are made of a material which is difficult to be plated or which can not be plated. Between those two plates (2 and 3), an amorphous metal fixing layer (6) is provided, e.g. an alloy of nickel, iron or copper, which enables a binding of the plates (2 and 3) by means of a plating by cold rolling. Each of the plates (2 and 3) carries a plated cover layer (7, respectively 8) made of a metal resisting to aggressive and/or corrosive media, for example titanium, tantalum or stainless chromium-nickel-steel.

IPC 1-7

F28F 3/14; **B21D 53/04**

IPC 8 full level

B21D 53/04 (2006.01); **F28F 3/14** (2006.01)

CPC (source: EP US)

B21D 53/045 (2013.01 - EP US); **F28F 3/14** (2013.01 - EP US); **Y10T 29/49366** (2015.01 - EP US)

Cited by

EP2404685A1; KR100674716B1; EP0584020A1; FR2694900A1; US5399215A; WO2011011247A1; WO9404293A1; WO9523015A1; WO2011159238A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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