

Title (en)
HEAT EXCHANGER COMPRISING A CASING AND A BUNDLE WHICH ARE MADE FROM ALUMINIUM SHEET AND WHICH ARE BRAZED TOGETHER

Title (de)
WÄRMETAUSCHER MIT EINEM GEHÄUSE UND EINEM BÜNDEL, DIE AUS ALUMINIUMBLECH HERGESTELLT UND HARTVERLÖTET SIND

Title (fr)
ECHANGEUR DE CHALEUR COMPORTANT UN BOITIER ET UN FAISCEAU EN TOLE D'ALUMINIUM ASSEMBLES PAR BRASAGE

Publication
EP 1636533 B1 20090701 (FR)

Application
EP 04767446 A 20040624

Priority

- FR 2004001596 W 20040624
- FR 0307620 A 20030624

Abstract (en)
[origin: WO2005001366A2] The invention relates to a heat exchanger comprising a heat exchanger bundle (14) consisting of a stack of embossed plates (28) which define therebetween first circulation channels for the circulation of a gas to be cooled and second circulation channels for the circulation of a liquid to be cooled. Moreover, the aforementioned bundle (14) is housed in a casing (4, 6). The inventive exchanger includes play compensation means between the bundle (14) and the casing, said means comprising a regulating wedge (5) which is disposed between said bundle and casing. The regulating wedge is equipped with a base (52) and two raised edges (54) which clasp the bundle (14).

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

CPC (source: EP)
F28D 9/0043 (2013.01); **F28F 9/00** (2013.01); **F28F 9/005** (2013.01); **F28D 2021/0082** (2013.01); **F28F 2250/102** (2013.01); **F28F 2280/08** (2013.01)

Cited by
KR20180023348A; WO2019174734A1

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

DOCDB simple family (publication)
FR 2856785 A1 20041231; **FR 2856785 B1 20050902**; AT E435410 T1 20090715; DE 602004021804 D1 20090813; EP 1636533 A2 20060322; EP 1636533 B1 20090701; PL 1636533 T3 20091130; WO 2005001366 A2 20050106; WO 2005001366 A3 20050331

DOCDB simple family (application)
FR 0307620 A 20030624; AT 04767446 T 20040624; DE 602004021804 T 20040624; EP 04767446 A 20040624; FR 2004001596 W 20040624; PL 04767446 T 20040624