

Title (en)

HEAT EXCHANGER COMPRISING A HEAT EXCHANGER BUNDLE AND A HOUSING

Title (de)

EIN WÄRMETAUSCHERBÜNDEL UND EIN GEHÄUSE UMFASSENDE WÄRMETAUSCHER

Title (fr)

ECHANGEUR DE CHALEUR COMPORTANT UN FAISCEAU D'ECHANGE DE CHALEUR ET UN BOITIER

Publication

EP 2310788 A1 20110420 (FR)

Application

EP 09769214 A 20090622

Priority

- EP 2009057742 W 20090622
- FR 0803599 A 20080626

Abstract (en)

[origin: WO2009156365A1] The invention relates to a heat exchanger (10) comprising a heat exchanger bundle (12) and a housing (14) containing said heat exchanger bundle, the bundle (12) comprising a stack of plates (16) and the housing (14) comprising a body formed by at least one first part and one second part. According to the invention, at least one of the parts is in contact with an end of each of the plates (16) of the stack of the heat exchanging bundle (12), and the heat exchanging bundle is soldered to the housing (14). The invention is especially applicable to the car industry.

IPC 8 full level

F28D 9/00 (2006.01); **F28F 9/00** (2006.01)

CPC (source: EP US)

F28D 9/0043 (2013.01 - EP US); **F28F 9/001** (2013.01 - EP US); **F28F 9/0219** (2013.01 - EP US); **F28D 2021/0082** (2013.01 - EP US); **F28F 2009/029** (2013.01 - EP US); **F28F 2220/00** (2013.01 - EP US); **F28F 2275/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2009156365A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2009156365 A1 20091230; CN 102138054 A 20110727; CN 102138054 B 20130710; EP 2310788 A1 20110420; EP 2310788 B1 20130821; ES 2431364 T3 20131126; FR 2933176 A1 20100101; FR 2933176 B1 20171215; JP 2011525611 A 20110922; JP 2014196902 A 20141016; JP 5851834 B2 20160203; PL 2310788 T3 20131231; US 2011168366 A1 20110714; US 9335099 B2 20160510

DOCDB simple family (application)

EP 2009057742 W 20090622; CN 200980133482 A 20090622; EP 09769214 A 20090622; ES 09769214 T 20090622; FR 0803599 A 20080626; JP 2011515337 A 20090622; JP 2014147628 A 20140718; PL 09769214 T 20090622; US 200913001168 A 20090622