

Title (en)

CASING FOR HOLDING A FLUID FOR A HEAT EXCHANGER, METHOD FOR PRODUCING A CASING OF THIS TYPE AND HEAT EXCHANGER

Title (de)

KASTEN ZUR AUFNAHME EINES FLUIDS FÜR EINEN WÄRMEÜBERTRAGER SOWIE VERFAHREN ZUR HERSTELLUNG EINES DERARTIGEN KASTENS, WÄRMEÜBERTRAGER

Title (fr)

BOÎTIER DESTINÉ À CONTENIR UN LIQUIDE DESTINÉ À UN ÉCHANGEUR THERMIQUE, PROCÉDÉ DE RÉALISATION D'UN TEL BOÎTIER, ET ÉCHANGEUR THERMIQUE

Publication

EP 2087304 B1 20160406 (DE)

Application

EP 07846868 A 20071129

Priority

- EP 2007010340 W 20071129
- DE 102006057031 A 20061204

Abstract (en)

[origin: DE102006057031A1] The box (10) has two front walls (26, 28), a cover (18) and a base (20) arranged opposite to the cover. Openings are provided in the base for accommodation of tubes e.g. flat tubes. A remodeled or folded shaped part e.g. punched sheet metal, includes two side walls (22), the front walls, the cover and the base. One of the side walls has a bulge for accommodating a connecting piece (44). The openings are mounted in the base. Independent claims are also included for the following: (1) a method for producing a box for accommodating a fluid (2) a heat exchanger.

IPC 8 full level

F28D 1/053 (2006.01); **F28F 9/02** (2006.01); **F28F 21/08** (2006.01)

CPC (source: EP US)

F28D 1/0516 (2013.01 - EP US); **F28F 9/02** (2013.01 - EP US); **F28F 21/084** (2013.01 - EP US); **F28D 2021/0094** (2013.01 - EP US); **F28F 2255/08** (2013.01 - EP US); **F28F 2275/04** (2013.01 - EP US); **F28F 2275/122** (2013.01 - EP US); **Y10T 29/4935** (2015.01 - EP US)

Citation (opposition)

Opponent : VALEO SYSTEMES THERMIQUES

- DE 10132485 A1 20030123 - BEHR GMBH & CO [DE]
- EP 0718580 A1 19960626 - NIPPON DENSO CO [JP]
- US 5867899 A 19990209 - KIM YONG-HO [KR]
- US 2003070796 A1 20030417 - BERNING THOMAS H [US]
- US 5894649 A 19990420 - LAMBERT MARCO [US], et al
- WO 2006007968 A1 20060126 - BEHR GMBH & CO KG [DE], et al
- US 7077192 B2 20060718 - AVEQUIN STEPHANE [FR], et al
- EP 0676607 A1 19951011 - VALEO ENGINE COOLING AB [SE]
- DE 10056074 A1 20020508 - BEHR GMBH & CO [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102006057031 A1 20080605; CN 101573578 A 20091104; EP 2087304 A1 20090812; EP 2087304 B1 20160406;
US 2010051251 A1 20100304; WO 2008067940 A1 20080612

DOCDB simple family (application)

DE 102006057031 A 20061204; CN 200780044732 A 20071129; EP 07846868 A 20071129; EP 2007010340 W 20071129;
US 51723707 A 20071129