

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ECHANGEUR DE CHALEUR

Publication
EP 2901095 A1 20150805 (FR)

Application
EP 13766336 A 20130925

Priority

- FR 1259163 A 20120928
- EP 2013069924 W 20130925

Abstract (en)
[origin: WO2014048962A1] The invention relates to a heat exchanger, in particular for a motor vehicle, including a bundle (3) for a heat exchange between a first and second fluid A, L and a housing (5) inside of which said bundle (3) is housed, said exchanger further including at least one collector (7) attached to said housing (5), said collector (7) being configured to guide said first fluid A between said bundle (3) and an inlet or outlet of said exchanger. According to the invention, said collector (7) is configured to form an abutment (9) for positioning the heat exchanger bundle (3) in the housing (5) for attaching said collector (7) to said housing (5).

IPC 8 full level
F28D 9/00 (2006.01)

CPC (source: EP US)
F28D 9/0043 (2013.01 - EP US); **F28F 3/08** (2013.01 - US); **F28F 9/12** (2013.01 - US); **F28D 2021/0082** (2013.01 - EP US);
F28F 2009/029 (2013.01 - US); **F28F 2280/04** (2013.01 - EP US)

Citation (search report)
See references of WO 2014048962A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014048962 A1 20140403; CN 104838223 A 20150812; CN 104838223 B 20170308; EP 2901095 A1 20150805; EP 2901095 B1 20160914;
EP 2901095 B2 20200527; ES 2612275 T3 20170516; FR 2996298 A1 20140404; FR 2996298 B1 20141024; KR 101704945 B1 20170208;
KR 20150060905 A 20150603; PL 2901095 T3 20170731; US 10323886 B2 20190618; US 2015241143 A1 20150827

DOCDB simple family (application)
EP 2013069924 W 20130925; CN 201380058286 A 20130925; EP 13766336 A 20130925; ES 13766336 T 20130925; FR 1259163 A 20120928;
KR 20157010679 A 20130925; PL 13766336 T 20130925; US 201314431660 A 20130925