

Title (en)
CONNECTION DEVICE FOR HEAT EXCHANGER AND HEAT EXCHANGER PROVIDED WITH SAID CONNECTION DEVICE

Title (de)
ANSCHLUSSVORRICHTUNG FÜR EINEN WÄRMETAUSCHER UND WÄRMETAUSCHER MIT DER ANSCHLUSSVORRICHTUNG

Title (fr)
DISPOSITIF DE CONNEXION POUR ECHANGEUR DE CHALEUR ET ECHANGEUR DE CHALEUR EQUIPE DUDIT DISPOSITIF DE CONNEXION

Publication
EP 3117173 B1 20200909 (FR)

Application
EP 15708796 A 20150304

Priority
• FR 1452026 A 20140312
• EP 2015054530 W 20150304

Abstract (en)
[origin: WO2015135813A1] The invention relates to a connection device for a heat exchanger between a first fluid (L) and a second fluid (G), said device comprising a connector (30) and a side end flange (37) of a heat exchange core (14) of said exchanger, said side flange (37) including at least one connection element (38) comprising transversely aligned inlet/outlet openings (47, 47'), said connection element (38) allowing the first fluid to circulate between the core and the inlet and outlet openings (34, 36) of the connector (30), aligned longitudinally or at an angle relative to said inlet/outlet openings (47, 47') of the connection element (38), said connection element (38) and said connector (30) having substantially the same longitudinal extension.

IPC 8 full level
F28D 1/03 (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP KR US)
F25B 39/00 (2013.01 - US); **F25B 39/022** (2013.01 - EP KR US); **F28D 1/0333** (2013.01 - KR); **F28F 9/0229** (2013.01 - US); **F28F 9/0253** (2013.01 - EP KR US); **F28F 9/0256** (2013.01 - KR); **F28D 1/0333** (2013.01 - EP US); **F28D 2021/0071** (2013.01 - KR); **F28F 2275/04** (2013.01 - KR US)

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

DOCDB simple family (publication)
WO 2015135813 A1 20150917; BR 112016020836 B1 20210105; CN 106461355 A 20170222; EP 3117173 A1 20170118; EP 3117173 B1 20200909; FR 3018601 A1 20150918; FR 3018601 B1 20180427; JP 2017509854 A 20170406; JP 6482571 B2 20190313; KR 20160131099 A 20161115; US 10088246 B2 20181002; US 2017153070 A1 20170601

DOCDB simple family (application)
EP 2015054530 W 20150304; BR 112016020836 A 20150304; CN 201580024783 A 20150304; EP 15708796 A 20150304; FR 1452026 A 20140312; JP 2016556839 A 20150304; KR 20167028096 A 20150304; US 201515124384 A 20150304