

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ÉCHANGEUR DE CHALEUR

Publication
EP 3572754 A1 20191127 (EN)

Application
EP 18461560 A 20180524

Priority
EP 18461560 A 20180524

Abstract (en)
A heat exchanger (1) comprises a core (2), which defines first and second fluid circuits therein. Both fluid circuits are divided into two flow sections (21C, 22C and 21R, 22R). The first fluid circuit is split into first and second sub-circuits. A direction of a first flow of a first fluid through the first flow section (21C) of the first fluid circuit is opposite to a direction of flow of a second fluid through the second flow section (22R) of the second fluid circuit and a direction of a second flow of the first fluid through the second flow section (22C) of the first fluid circuit is opposite to the direction of flow of the second fluid through the first flow section (21R) of the second fluid circuit.

IPC 8 full level
F28D 9/00 (2006.01)

CPC (source: EP)
F28D 9/0093 (2013.01)

Citation (applicant)

- DE 102016001607 A1 20161103 - MODINE MFG CO [US]
- US 2017122669 A1 20170504 - TAKAHASHI EIZO [JP]
- US 2016010929 A1 20160114 - TAKAHASHI EIZO [JP], et al
- US 2015226469 A1 20150813 - HOFMANN HERBERT [DE], et al
- US 2013213624 A1 20130822 - FUJII TAKAYUKI [JP], et al

Citation (search report)

- [A] WO 2008061362 A1 20080529 - DANA CANADA CORP [CA], et al
- [A] WO 2014044520 A1 20140327 - BEHR GMBH & CO KG [DE]
- [A] DE 102012223722 A1 20130627 - BEHR GMBH & CO KG [DE]
- [A] US 2006053833 A1 20060316 - MARTINS CARLOS [FR], et al

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)
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EP 18461560 A 20180524; EP 2019063212 W 20190522