

Title (en)
CAN-TYPE HEAT EXCHANGER

Title (de)
DOSENARTIGER WÄRMETAUSCHER

Title (fr)
ÉCHANGEUR DE CHALEUR TUBULAIRE

Publication
EP 3106818 A1 20161221 (EN)

Application
EP 15197055 A 20151130

Priority
KR 20150084260 A 20150615

Abstract (en)
A can-type heat exchanger may include a housing of which one surface is opened and another surface is closed and having a space therein, and a first inlet and a first outlet, which communicate with the space, are provided in a lateral side thereof; a heat radiating unit inserted into the space, provided with connecting lines alternately formed by stacking a plurality of plates, one of the connecting lines communicating with the space, and where the operating fluids are heat-exchanged with each other while passing through the respective connecting lines; and a cover cap mounted at one opened surface of the housing so that the heat radiating unit is integrally mounted on one surface thereof to the space, and a second inlet and a second outlet for communicating with a second connecting line of the connecting lines, are formed at the one surface.

IPC 8 full level
F28F 3/04 (2006.01); **F28D 9/00** (2006.01); **F28F 9/00** (2006.01); **F28F 9/02** (2006.01); **F28F 21/06** (2006.01)

CPC (source: CN EP US)
F28D 1/0308 (2013.01 - CN); **F28D 9/0006** (2013.01 - EP US); **F28D 9/0012** (2013.01 - EP US); **F28D 9/0037** (2013.01 - US); **F28D 9/0043** (2013.01 - EP US); **F28F 3/042** (2013.01 - CN); **F28F 3/044** (2013.01 - EP US); **F28F 3/046** (2013.01 - EP US); **F28F 9/00** (2013.01 - CN EP US); **F28F 9/002** (2013.01 - EP US); **F28F 9/0226** (2013.01 - EP US); **F28F 9/26** (2013.01 - CN); **F28F 21/06** (2013.01 - EP US); **F28F 21/065** (2013.01 - US); **F28D 2021/0089** (2013.01 - EP US); **F28F 2275/04** (2013.01 - EP US); **F28F 2275/122** (2013.01 - EP US); **F28F 2280/06** (2013.01 - EP US)

Citation (search report)

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- [XY] EP 2402694 A1 20120104 - VALEO SYSTEMES THERMIQUES [FR]
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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)
EP 3106818 A1 20161221; CN 106247817 A 20161221; JP 2017003250 A 20170105; KR 20160147475 A 20161223; US 2016363391 A1 20161215

DOCDB simple family (application)
EP 15197055 A 20151130; CN 201510876146 A 20151202; JP 2015235610 A 20151202; KR 20150084260 A 20150615; US 201514948292 A 20151121