

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ÉCHANGEUR DE CHALEUR

Publication
EP 3550250 A1 20191009 (EN)

Application
EP 18461545 A 20180405

Priority
EP 18461545 A 20180405

Abstract (en)
A heat exchanger (1) comprises a core (2), at least one header (3) situated at and connected to least one end of the core (2) and a housing (6) enclosing the core (2). The housing (6) is received in the at least one header (3). The at least one header (3) is provided at its bottom (32) with supporting sections (35). The supporting sections (35) are provided at the bottom (32) in positions, which correspond to positions of walls of the housing (6), which need be sealed. The housing (6) rests on the supporting sections (35) so that a gap (7) is created between the housing (6) and the bottom (32) of the at least one header (3).

IPC 8 full level
F28F 9/02 (2006.01)

CPC (source: EP)
F28F 9/0219 (2013.01); **F28F 2275/04** (2013.01)

Citation (applicant)
DE 102010040983 A1 20120322 - BEHR GMBH & CO KG [DE]

Citation (search report)

- [XAI] ES 2260971 A1 20061101 - VALEO TERMICO SA [ES]
- [XA] JP 2007077839 A 20070329 - USUI KOKUSAI SANGYO KK
- [A] US 2003019616 A1 20030130 - HAYASHI TAKAYUKI [JP], et al

Cited by
EP4382847A1; WO2024120866A1

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 3550250 A1 20191009; EP 3550250 B1 20201216; WO 2019193110 A1 20191010

DOCDB simple family (application)
EP 18461545 A 20180405; EP 2019058542 W 20190404