

Title (en)  
HEAT EXCHANGER

Title (de)  
WÄRMETAUSCHER

Title (fr)  
ÉCHANGEUR DE CHALEUR

Publication  
**EP 3757502 A1 20201230 (EN)**

Application  
**EP 19461548 A 20190626**

Priority  
EP 19461548 A 20190626

Abstract (en)  
A heat exchanger comprising a first manifold and a second manifold connected by tubes, configured to provide at least two passes for a heat exchange fluid between an inlet port and an outlet port located on either of the manifolds, characterised in that for at least one of the passes, at least one of the manifolds comprises a first section adapted to receive the heat exchange fluid directly from the tubes, and a second section which is adapted to receive the heat exchange fluid from the tubes through a third section, the third section being adapted to receive the heat exchange fluid directly from the tubes and being arranged in fluid communication with the second section.

IPC 8 full level  
**F28F 9/02** (2006.01)

CPC (source: EP)  
**F28F 9/0278** (2013.01)

Citation (search report)

- [XYI] JP 2003075024 A 20030312 - SHOWA DENKO KK
- [X] EP 1300646 A2 20030409 - BEHR GMBH & CO [DE]
- [X] WO 2008048505 A2 20080424 - CARRIER CORP [US], et al
- [Y] DE 3511952 A1 19861009 - SUEDEDEUTSCHE KUEHLER BEHR [DE]

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 3757502 A1 20201230; EP 3757502 A9 20220209; WO 2020260052 A1 20201230**

DOCDB simple family (application)  
**EP 19461548 A 20190626; EP 2020066475 W 20200615**