

Title (en)  
HEAT EXCHANGER

Title (de)  
WÄRMETAUSCHER

Title (fr)  
ÉCHANGEUR DE CHALEUR

Publication  
**EP 3816568 A1 20210505 (EN)**

Application  
**EP 19461597 A 20191030**

Priority  
EP 19461597 A 20191030

Abstract (en)  
A heat exchanger for a vehicle is provided. The heat exchanger includes a first manifold and a second manifold spaced apart from the first manifold. Further, a plurality of heat exchange elements is fluidically connected between the first manifold and the second manifold. Further, the heat exchanger includes at least one first block is adapted to be coupled to the first manifold. The at least one first block further comprising a second passage and a first passage fluidically connected to the second passage. Further, at least a part of the first passage is having a progressively diverging cross-section and is adapted to be fluidically coupled to the first manifold.

IPC 8 full level  
**F28F 9/02** (2006.01); **F28F 13/08** (2006.01)

CPC (source: EP)  
**F28F 9/0253** (2013.01); **F28F 13/08** (2013.01)

Citation (search report)

- [XYI] WO 2010105689 A2 20100923 - HEAT ALLIED HEAT EXCHANGE TECH [DE], et al
- [XY] FR 2826437 A1 20021227 - VALEO CLIMATISATION [FR]
- [Y] US 2009120628 A1 20090514 - JIMENEZ CONEJO [ES]
- [Y] US 2004200234 A1 20041014 - SENO YOSHIHIKO [JP], et al
- [A] US 2019137152 A1 20190509 - AKIYOSHI GOKI [JP], 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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