

Title (en)  
HEAT EXCHANGER WITH FILTER, FOR REFRRIGERANT FLUID LOOP

Title (de)  
WÄRMETAUSCHER MIT FILTER FÜR KÜHLMITTELFLÜSSIGKEITSKREISLAUF

Title (fr)  
ÉCHANGEUR DE CHALEUR COMPORTANT UN FILTRE, POUR BOUCLE DE FLUIDE RÉFRIGÉRANT

Publication  
**EP 3671068 A1 20200624 (EN)**

Application  
**EP 18461649 A 20181218**

Priority  
EP 18461649 A 20181218

Abstract (en)  
The Invention relates to a heat exchanger for a refrigerant fluid loop, the heat exchanger comprising at least one inlet configured to allow a refrigerant fluid to enter in the heat exchanger, and at least one outlet configured to allow the refrigerant fluid to exit the heat exchanger, the heat exchanger comprising at least one block (200) in which a filter (300) is arranged, characterized in that the at least one block (200) is arranged downstream the at least one outlet of the heat exchanger, in that the block (200) comprises at least one first part (201) and at least one second part (202) secured to the first part (201), and in that the filter (300) is arranged between said first part (201) and said second part (202).

IPC 8 full level  
**F25B 39/04** (2006.01); **B60H 1/00** (2006.01); **F25B 43/00** (2006.01); **F28B 1/06** (2006.01); **F28F 19/00** (2006.01); **F28F 19/01** (2006.01)

CPC (source: EP)  
**F25B 39/04** (2013.01); **F25B 43/003** (2013.01); **F28F 9/0251** (2013.01); **F28F 19/01** (2013.01); **F25B 2339/043** (2013.01); **F25B 2339/0441** (2013.01); **F28D 2021/0061** (2013.01); **F28F 2275/04** (2013.01)

Citation (search report)

- [X] US 5901573 A 19990511 - KOBAYASHI HIDEO [JP]
- [XY] EP 2587194 A1 20130501 - ZHEJIANG SANHUA AUTOMOTIVE COMPONENTS CO LTD [CN]
- [X] CN 103727706 A 20140416 - MICROCOOL TECHNOLOGIES CO LTD
- [Y] US 6694773 B1 20040224 - SNOW JAMES D [US], et al

Cited by  
EP3982076A1; EP4417901A1

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 3671068 A1 20200624; EP 3671068 B1 20230913**; WO 2020127437 A1 20200625

DOCDB simple family (application)  
**EP 18461649 A 20181218**; EP 2019085869 W 20191218