

Title (en)  
Coolant condenser module

Title (de)  
Kältemittelkondensatormodul

Title (fr)  
Module de condensateur de produit réfrigérant

Publication  
**EP 2420763 A3 20140917 (DE)**

Application  
**EP 11173083 A 20110707**

Priority  
DE 102010026507 A 20100707

Abstract (en)  
[origin: EP2420763A2] The module (1) has a heat exchanger (2) comprising a refrigerant channel and a coolant channel for passing a refrigerant (16) and a coolant to transfer heat from the refrigerant to the coolant. A refrigerant transfer channel (17) transfers the refrigerant into a collecting container (14). A refrigerant exhaust opening (19) formed at the collecting container discharges the refrigerant from the collecting container. The heat exchanger and the collecting container are mechanically connected with each other by a base plate (21). An independent claim is also included for an air conditioning apparatus for a motor car, comprising an expansion valve.

IPC 8 full level  
**F25B 39/04** (2006.01)

CPC (source: EP)  
**F25B 39/04** (2013.01); **F25B 2339/0441** (2013.01); **F28F 2280/06** (2013.01)

Citation (search report)

- [X] JP H04324079 A 19921113 - NIPPON DENSO CO
- [X] JP 2000314574 A 20001114 - SHOWA ALUMINUM CORP
- [X] JP H09196513 A 19970731 - ZEXEL CORP

Cited by  
DE102016007089A1; DE102012023125B3; CN104995474A; DE102020202323A1; US9964361B2; US10480871B2; DE102020202326A1

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)  
**DE 102010026507 A1 20120112**; EP 2420763 A2 20120222; EP 2420763 A3 20140917

DOCDB simple family (application)  
**DE 102010026507 A 20100707**; EP 11173083 A 20110707