

Title (en)

CONDENSER, IN PARTICULAR FOR A MOTOR VEHICLE AIR CONDITIONING CIRCUIT, AND CIRCUIT COMPRISING SAME

Title (de)

KONDENSATOR, INSBESONDERE FÜR EINEN KRAFTFAHRZEUGLUFTKLIMATISIERUNGSKREISLAUF

Title (fr)

CONDENSEUR, NOTAMMENT POUR UN CIRCUIT DE CLIMATISATION DE VEHICULE AUTOMOBILE, ET CIRCUIT COMPRENANT CE CONDENSEUR

Publication

EP 1592930 B1 20130213 (FR)

Application

EP 03810494 A 20031031

Priority

- FR 0303055 W 20031031
- FR 0213671 A 20021031

Abstract (en)

[origin: FR2846733A1] The condenser for a motor vehicle air conditioning circuit has stacked plates (2) each with a raised peripheral lip (3) which are assembled and sealed to form multiple fluid passages between the plates for a refrigerating fluid (F2) and a coolant (F1). The plates have connecting passages (124) to allow the fluid to pass between the channels. Annular ducts (122) are provided opposite the passages to prevent mixing of the fluids.

IPC 8 full level

F25B 39/04 (2006.01); **F28D 9/00** (2006.01); **F28D 21/00** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP US)

F25B 39/04 (2013.01 - EP US); **F28D 9/005** (2013.01 - EP US); **F25B 2339/043** (2013.01 - EP US); **F25B 2339/0441** (2013.01 - EP US); **F25B 2339/0443** (2013.01 - EP US); **F25B 2339/047** (2013.01 - EP US); **F28D 2021/0084** (2013.01 - EP US); **F28F 9/0246** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2846733 A1 20040507; **FR 2846733 B1 20060915**; AU 2003301834 A1 20040607; EP 1592930 A1 20051109; EP 1592930 B1 20130213; EP 1992891 A1 20081119; EP 1992891 B1 20170621; US 2006053833 A1 20060316; US 2009071189 A1 20090319; US 7469554 B2 20081230; US 8122736 B2 20120228; WO 2004042293 A1 20040521

DOCDB simple family (application)

FR 0213671 A 20021031; AU 2003301834 A 20031031; EP 03810494 A 20031031; EP 08158983 A 20031031; FR 0303055 W 20031031; US 27481208 A 20081120; US 53251305 A 20050425