

Title (en)

Condenser, in particular for a car air-conditioning system and heat exchanger equipped with such a condenser

Title (de)

Kondensator insbesondere für ein Klimaanlage eines Kraftfahrzeugs, und mit einem solchen Kondensator ausgestatteter Wärmetauscher

Title (fr)

Condenseur, notamment pour système de climatisation d'un véhicule automobile et échangeur de chaleur équipé d'un tel condenseur

Publication

EP 2402694 A1 20120104 (FR)

Application

EP 11170766 A 20110621

Priority

- FR 1057828 A 20100928
- FR 1002786 A 20100630

Abstract (en)

The condenser has a plastic housing (103) and a heat exchange bundle (105), where the condenser allows heat exchange between coolant e.g. fluorinated fluid, traveling the bundle and heat transfer fluid e.g. water and antifreeze agent mixture, crossing the housing. The housing forces circulation of the heat transfer fluid traversing the bundle. The housing comprises zones (107, 109) respectively in contact with and remote from the bundle to define manifolds (111a, 111b) for the heat transfer fluid such that the fluid passes from an inlet (113a) to an outlet (113b) via a fluid circulation path. An independent claim is also included for a heat exchanger comprising a condenser.

Abstract (fr)

L'invention concerne un condenseur, notamment pour système de climatisation d'un véhicule automobile, comprenant un boîtier (103) et un faisceau d'échange de chaleur (105), le condenseur étant configuré pour permettre un échange de chaleur entre un fluide frigorigène parcourant le faisceau (105) et un fluide caloporteur traversant le boîtier (103). Selon l'invention, le boîtier (103) est en plastique.

IPC 8 full level

F28D 1/04 (2006.01); **F25B 39/04** (2006.01); **F28D 7/16** (2006.01); **F28D 9/00** (2006.01); **F28F 9/02** (2006.01); **F28F 21/06** (2006.01)

CPC (source: EP)

F25B 39/04 (2013.01); **F28D 1/0408** (2013.01); **F28D 7/1684** (2013.01); **F28D 9/0006** (2013.01); **F28F 9/0234** (2013.01); **F28F 21/065** (2013.01); **F28F 21/067** (2013.01); **F25B 2339/044** (2013.01); **F28D 2021/0073** (2013.01); **F28D 2021/0084** (2013.01); **F28F 2225/02** (2013.01)

Citation (search report)

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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 2402694 A1 20120104; EP 2402694 B1 20220316; FR 2962199 A1 20120106; FR 2962199 B1 20120921

DOCDB simple family (application)

EP 11170766 A 20110621; FR 1057828 A 20100928