

Title (en)

AIR-CONDITIONING DEVICE FOR A VEHICLE, AND VEHICLE HAVING SUCH AN AIR-CONDITIONING DEVICE

Title (de)

KLIMATISIERUNGSEINRICHTUNG FÜR EIN FAHRZEUG UND FAHRZEUG MIT EINER SOLCHEN KLIMATISIERUNGSEINRICHTUNG

Title (fr)

INSTALLATION DE CLIMATISATION POUR VÉHICULE ET VÉHICULE DOTÉ D'UNE TELLE INSTALLATION DE CLIMATISATION

Publication

EP 3494002 A1 20190612 (DE)

Application

EP 17739874 A 20170714

Priority

- DE 102016009460 A 20160803
- EP 2017000846 W 20170714

Abstract (en)

[origin: WO2018024359A1] The invention relates to an air-conditioning device (3) for a vehicle (1), with a refrigerant circuit (5) along which a refrigerant can be conveyed, the refrigerant circuit (5) having a compressor (7), a gas cooler (9), an expansion device (11) and an evaporator (13), and with a heat transport medium circuit (15) in which a liquid heat transport medium can be conveyed. According to the invention, the heat transport medium circuit (15) is fluidically and thermally connected to the gas cooler (9) and/or to the evaporator (13) of the refrigerant circuit (5) in such a manner that thermal output of the refrigerant circuit (5) can be conveyed via the heat transport medium circuit (15) to at least one heat transfer device (17).

IPC 8 full level

B60H 1/00 (2006.01); **B60H 1/32** (2006.01); **F25B 30/02** (2006.01)

CPC (source: EP US)

B60H 1/00899 (2013.01 - EP US); **B60H 1/32284** (2019.04 - EP US); **F25B 25/005** (2013.01 - EP); **B60H 1/00371** (2013.01 - EP); **B60H 2001/00928** (2013.01 - EP US); **B60H 2001/00942** (2013.01 - EP US); **F25B 9/008** (2013.01 - EP); **F25B 2309/061** (2013.01 - EP); **F25B 2339/047** (2013.01 - EP)

Citation (search report)

See references of WO 2018024359A1

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)

WO 2018024359 A1 20180208; DE 102016009460 A1 20180208; EP 3494002 A1 20190612

DOCDB simple family (application)

EP 2017000846 W 20170714; DE 102016009460 A 20160803; EP 17739874 A 20170714