

Title (en)

HEATING/COOLING DEVICE AND METHOD FOR OPERATING A HEATING/COOLING DEVICE

Title (de)

HEIZ-/KÜHLEINRICHTUNG UND VERFAHREN ZUM BETREIBEN EINER HEIZ-/KÜHLEINRICHTUNG

Title (fr)

DISPOSITIF DE CHAUFFAGE/REFROIDISSEMENT ET PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN DISPOSITIF DE CHAUFFAGE/DE REFROIDISSEMENT

Publication

**EP 2744675 A1 20140625 (DE)**

Application

**EP 12743360 A 20120224**

Priority

- DE 2011001619 W 20110816
- DE 2012000169 W 20120224

Abstract (en)

[origin: WO2013023631A1] The invention relates to a heating/cooling device for vehicles, in particular motor vehicles having an electric drive, comprising a coolant circuit which includes a compressor (3), a gas cooler (5) an evaporator (7) and an expansion valve arranged between the gas cooler (5) and the evaporator (7). The heating/cooling device is characterised in that the gas cooler (5) interacts with a first fluid coolant circuit (9) and the evaporator (7) interacts with a second fluid coolant circuit (11), wherein an interior heat exchanger (17) can be assigned to the first or to the second fluid coolant circuit (9, 11) and wherein an external air heat exchanger (19) can be assigned to the first or to the second fluid coolant circuit (9, 11).

IPC 8 full level

**B60H 1/00** (2006.01); **B60H 1/32** (2006.01)

CPC (source: EP US)

**B60H 1/00899** (2013.01 - EP US); **B60H 1/32284** (2019.04 - EP US); **B60H 2001/00928** (2013.01 - EP US); **B60H 2001/00942** (2013.01 - EP US); **B60H 2001/00949** (2013.01 - EP US)

Citation (search report)

See references of WO 2013023631A1

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

DOCDB simple family (publication)

**WO 2013023631 A1 20130221**; DE 112012003390 A5 20140424; EP 2744675 A1 20140625

DOCDB simple family (application)

**DE 2012000169 W 20120224**; DE 112012003390 T 20120224; EP 12743360 A 20120224