

Title (en)

METHOD AND DEVICE FOR CONTROLLING A COOLANT CIRCUIT OF AN AIR CONDITIONING SYSTEM FOR A VEHICLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR REGELUNG EINES KÄLTEMITTELKREISLAUFS EINER KLIMAANLAGE FÜR EIN FAHRZEUG

Title (fr)

PROCEDE ET DISPOSITIF POUR REGULER UN CIRCUIT DE FLUIDE REFRIGERANT D'UN SYSTEME DE CLIMATISATION POUR UN VEHICULE

Publication

EP 1758747 A1 20070307 (DE)

Application

EP 05754447 A 20050601

Priority

- EP 2005005878 W 20050601
- DE 102004029166 A 20040617

Abstract (en)

[origin: WO2005123428A1] The invention relates to a method for controlling a coolant circuit (2) of an air conditioning system (4) for a vehicle. According to said method, a compressor (10) that is located in the coolant circuit (2) is controlled in accordance with an evaporator temperature controller (VR) and a load torque limitation function (22) that is integrated into said evaporator temperature controller (VR).

IPC 8 full level

B60H 1/32 (2006.01); **F04D 27/00** (2006.01); **F24F 11/00** (2006.01); **F25B 49/02** (2006.01); **F25B 40/00** (2006.01)

CPC (source: EP US)

B60H 1/3208 (2013.01 - EP US); **F25B 49/022** (2013.01 - EP US); **B60H 2001/3238** (2013.01 - EP US); **B60H 2001/3241** (2013.01 - EP US); **B60H 2001/3244** (2013.01 - EP US); **B60H 2001/325** (2013.01 - EP US); **B60H 2001/3261** (2013.01 - EP US); **B60H 2001/327** (2013.01 - EP US); **F25B 40/00** (2013.01 - EP US); **F25B 2309/061** (2013.01 - EP US); **F25B 2600/17** (2013.01 - EP US)

Citation (search report)

See references of WO 2005123428A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2005123428 A1 20051229; DE 102004029166 A1 20051229; EP 1758747 A1 20070307; JP 2008502523 A 20080131; US 2007261420 A1 20071115

DOCDB simple family (application)

EP 2005005878 W 20050601; DE 102004029166 A 20040617; EP 05754447 A 20050601; JP 2007515812 A 20050601; US 62970605 A 20050601