

Title (en)

CONTROL DEVICE, METHOD, AND PROGRAM, AND MULTI-TYPE AIR CONDITIONING SYSTEM COMPRISING SAME

Title (de)

STEUERUNGSVORRICHTUNG, VERFAHREN UND PROGRAMM SOWIE MULTITYP-KLIMAAANLAGE DAMIT

Title (fr)

DISPOSITIF DE COMMANDE, PROCÉDÉ ET PROGRAMME, ET SYSTÈME DE CLIMATISATION DE TYPE MULTIPLE LES COMPRENANT

Publication

EP 2835596 A4 20160309 (EN)

Application

EP 13773044 A 20130318

Priority

- JP 2012087321 A 20120406
- JP 2013057585 W 20130318

Abstract (en)

[origin: EP2835596A1] An insufficient state of refrigerant gas is prevented and a fan of an indoor unit is allowed to perform an intermittent operation in a state in which a thermostat is turned off while preventing excessive heating. A control device (41) for controlling operation of a packaged air conditioning system (1), a plurality of indoor units (7) being connected to an outdoor unit (2) and a flow volume of refrigerant circulating through a refrigerant pipe being regulated depending on opening of an indoor electric expansion valve (72) in the packaged air conditioning system, controls, during a heating operation, the opening of the indoor electric expansion valve (72) in a period in which fan of each of the indoor units (7) is turned off to be larger than the opening in a period in which the fan of the indoor unit (7) is turned on, and to be equal to or smaller than the opening set for noise control if the fan of the indoor unit (7) performs an intermittent operation for repeating ON/OFF operations to stop for a predetermined time after rotating for a predetermined time at a time at which a thermostat is turned off.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] EP 1555492 A2 20050720 - LG ELECTRONICS INC [KR]
- [X] EP 2093509 A1 20090826 - LG ELECTRONICS INC [KR]
- [X] JP 2011202833 A 20111013 - TOSHIBA CARRIER CORP
- [A] JP 2010019472 A 20100128 - DAIKIN IND LTD
- See references of WO 2013150886A1

Designated contracting state (EPC)

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EP 2835596 A1 20150211; **EP 2835596 A4 20160309**; CN 104067064 A 20140924; CN 104067064 B 20170222; JP 2013217549 A 20131024; JP 5916488 B2 20160511; WO 2013150886 A1 20131010

DOCDB simple family (application)

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