Title (en)

CONTROL DEVICE OF MULTIPLE-TYPE AIR CONDITIONING DEVICE, MULTIPLE-TYPE AIR CONDITIONING DEVICE, METHOD OF CONTROLLING MULTIPLE-TYPE AIR CONDITIONING DEVICE, AND COMPUTER PROGRAM OF CONTROLLING MULTIPLE-TYPE AIR CONDITIONING DEVICE

Title (de)

STEUERUNGSVORRICHTUNG EINER MEHRFACHKLIMATISIERUNGSVORRICHTUNG, MEHRFACHKLIMATISIERUNGSVORRICHTUNG, VERFAHREN ZUR STEUERUNG EINER MEHRFACHKLIMATISIERUNGSVORRICHTUNG UND COMPUTERPROGRAMM ZUR STEUERUNG EINER MEHRFACHKLIMATISIERUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE COMMANDE DE DISPOSITIF DE CONDITIONNEMENT D'AIR DE TYPE MULTIPLE, DISPOSITIF DE CONDITIONNEMENT D'AIR DE TYPE MULTIPLE, PROCÉDÉ DE COMMANDE DE DISPOSITIF DE CONDITIONNEMENT D'AIR DE TYPE MULTIPLE ET PROGRAMME INFORMATIQUE DE COMMANDE DE DISPOSITIF DE CONDITIONNEMENT D'AIR DE TYPE MULTIPLE

Publication

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Application

EP 18204568 A 20181106

Priority

JP 2017216456 A 20171109

Abstract (en)

A control device of a multiple-type air conditioning device configured to perform control to adjust refrigerant when a necessary amount of refrigerant varies, the multiple-type air conditioning device, a method of controlling the multiple-type air conditioning device, and a computer program of controlling the multiple-type air conditioning device are provided. The present invention provides a control device 70 of a multiple-type air conditioning device 1 including at least one outdoor unit 2, and a plurality of indoor units 3 each including an indoor electronic expansion valve 31. Each indoor unit 3 in operation is referred to as an operation indoor unit 3, each operation indoor unit 3 in heating operation is referred to as a heating operation indoor unit 3, and each indoor unit 3 at a stop is referred to as a stop indoor unit 3. At heating, when the difference between an exit temperature T1 and a central-part temperature T2 of an indoor heat exchanger 30 included in each heating operation indoor unit 3 becomes equal to or lower than a first temperature difference and the amount of refrigerant is sensed to be excessive, control is performed to close the indoor electronic expansion valves 31 of all stop indoor units 3.

IPC 8 full level

F25B 13/00 (2006.01)

CPC (source: EP)

F25B 13/00 (2013.01); F25B 2313/0233 (2013.01); F25B 2313/0314 (2013.01); F25B 2600/2513 (2013.01)

Citation (applicant)

JP 4071388 B2 20080402

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)

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DOCDB simple family (application)

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