

Title (en)

AIR CONDITIONING OPERATION CONTROL DEVICE, AIR CONDITIONING SYSTEM, AIR CONDITIONING CONTROL METHOD, AND PROGRAM

Title (de)

STEUERUNGSVORRICHTUNG FÜR KLIMAAANLAGENBETRIEB, KLIMAAANLAGE, KLIMAAANLAGENSTEUERUNGSVERFAHREN UND PROGRAMM

Title (fr)

DISPOSITIF DE COMMANDE DE FONCTIONNEMENT DE CLIMATISATION, SYSTÈME DE CLIMATISATION, PROCÉDÉ DE COMMANDE DE CLIMATISATION, ET PROGRAMME

Publication

EP 3379170 A4 20181205 (EN)

Application

EP 17770194 A 20170321

Priority

- JP 2016062595 A 20160325
- JP 2017011138 W 20170321

Abstract (en)

[origin: EP3379170A1] An air conditioning operation control device comprises: an operation mode determination unit that determines whether an air conditioning main unit is in heating operation, wherein the air conditioning system main unit comprises a refrigerant circuit comprising one outdoor unit, a plurality of indoor units, and a plurality of expansion valves, each of which is provided in refrigerant outlet side during heating for each of the plurality of indoor units; a stop determination unit that determines whether there is an indoor unit that is stopped from among the plurality of indoor units when the operation mode determination unit has determined that the air conditioning system main unit is heating operation; and an expansion valve control unit that closes an expansion valve connected to the stopped indoor unit after the expansion valve was opened when the stop determination unit determined that the indoor has stopped.

IPC 8 full level

F25B 13/00 (2006.01); **F25B 49/02** (2006.01)

CPC (source: EP)

F24F 11/89 (2017.12); **F25B 49/02** (2013.01); **F25B 13/00** (2013.01); **F25B 2313/0233** (2013.01); **F25B 2313/0314** (2013.01); **F25B 2313/0315** (2013.01); **F25B 2500/16** (2013.01); **F25B 2500/27** (2013.01); **F25B 2600/2513** (2013.01); **F25B 2700/1931** (2013.01); **F25B 2700/21151** (2013.01); **F25B 2700/21152** (2013.01)

Citation (search report)

- [X1] JP H06323673 A 19941125 - HITACHI LTD
- [X1] JP S6479553 A 19890324 - MATSUSHITA REFRIGERATION
- See references of WO 2017164152A1

Cited by

CN114353249A

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

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