

Title (en)  
AIR CONDITIONER, METHOD FOR CONTROLLING AIR CONDITIONER, AND PROGRAM

Title (de)  
KLIMAANLAGE, VERFAHREN ZUR STEUERUNG EINER KLIMAANLAGE UND PROGRAMM

Title (fr)  
CLIMATISEUR, PROCÉDÉ DE COMMANDE DE CLIMATISEUR ET PROGRAMME

Publication  
**EP 3862643 A4 20220504 (EN)**

Application  
**EP 18903046 A 20181005**

Priority  
JP 2018037443 W 20181005

Abstract (en)  
[origin: EP3862643A1] In order to make it possible to perform a washing operation appropriately in an air-conditioner, this air-conditioner includes: a refrigeration cycle including a compressor for compressing a refrigerant, and an indoor heat exchanger for cooling or heating air in an air-conditioned room; a control device for controlling the refrigeration cycle to perform a washing operation for washing a surface of the indoor heat exchanger; an indoor fan for delivering air to the indoor heat exchanger; and an air state sensor for detecting a temperature or humidity of air that flows in from the air-conditioned room. The control device includes: a function (S102, S104) of driving the indoor fan for a predetermined time before performing the washing operation; and a function (S10, S120) of allowing the washing operation to be performed on condition that a detection result from the air state sensor after the indoor fan has been driven is within a first predetermined range.

IPC 8 full level  
**F24F 11/48** (2018.01); **F24F 11/43** (2018.01); **F24F 11/74** (2018.01); **F24F 110/10** (2018.01); **F24F 110/20** (2018.01)

CPC (source: EP)  
**F24F 11/30** (2018.01); **F24F 11/43** (2018.01); **F24F 11/61** (2018.01); **F24F 11/74** (2018.01); **F24F 2110/10** (2018.01); **F24F 2110/20** (2018.01); **F24F 2221/22** (2013.01)

Citation (search report)

- [A] EP 3346200 A1 20180711 - QINGDAO HAIER AIR CONDITIONER GENERAL CORP LTD [CN]
- [E] JP 2018200129 A 20181220 - HITACHI JOHNSON CONTROLS AIR CONDITIONING INC
- [A] EP 3343118 A1 20180704 - QINGDAO HAIER AIR CONDITIONER GENERAL CORP LTD [CN]
- [A] CN 105605742 A 20160525 - GUANGDONG MIDEA REFRIGERATION EQUIPMENT CO LTD, et al
- [A] CN 106545975 A 20170329 - WUHAN REFRIGERATION EQUIPMENT CO LTD OF MIDEA GROUP, et al
- [E] JP 2018189356 A 20181129 - HITACHI JOHNSON CONTROLS AIR CONDITIONING INC
- See also references of WO 2020070891A1

Cited by  
WO2023071205A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**EP 18903046 A 20181005**; CN 201880047517 A 20181005; JP 2018037443 W 20181005; JP 2019500680 A 20181005; MY PI2019005752 A 20181005; TW 108135920 A 20191003