

Title (en)
AIR CONDITIONER INDOOR UNIT

Title (de)
KLIMAANLAGENINNENRAUMEINHEIT

Title (fr)
UNITÉ INTÉRIEURE DE CLIMATISEUR

Publication
EP 3421896 A4 20190313 (EN)

Application
EP 16891422 A 20160223

Priority
JP 2016055245 W 20160223

Abstract (en)
[origin: EP3421896A1] An indoor unit (1) including an arithmetic unit (2) that executes air conditioning control is provided. The arithmetic unit (2) includes: an actuator control unit (12) that controls an operation of an actuator on the basis of a content of an operation signal; a communication unit (13) that communicates with optional device (5); an optional device connection determination unit (14) that determines whether or not the optional device (5) is connected to the indoor unit (1); and a standby power control unit (15) that switches processing for reduction of standby power of the arithmetic unit (2) in standby on the basis of a result of the determination on whether or not the optional device (5) is connected, and executes the processing. The standby power control unit (15) performs control to stop the operation of the arithmetic unit (2) after stopping the operation of the actuator when the optional device (5) is not connected, and performs control to set a processing speed of the arithmetic unit (2) during the standby to be lower than a processing speed during operation after stopping the operation of the actuator when the optional device (5) is connected.

IPC 8 full level
F24F 11/66 (2018.01); **F24F 11/46** (2018.01); **F24F 1/0003** (2019.01)

CPC (source: EP)
F24F 11/46 (2017.12); **F24F 11/66** (2017.12); **F24F 1/0003** (2013.01); **F24F 11/49** (2017.12)

Citation (search report)

- [A] JP 2013139892 A 20130718 - DAIKIN IND LTD
- [A] EP 1795823 A1 20070613 - DAIKIN IND LTD [JP]
- [A] EP 2570745 A2 20130320 - SAMSUNG ELECTRONICS CO LTD [KR]
- [A] JP 2000111123 A 20000418 - DAIKIN IND LTD
- [A] JP 2010054065 A 20100311 - FUJITSU GENERAL LTD
- See references of WO 2017145263A1

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)
EP 3421896 A1 20190102; EP 3421896 A4 20190313; EP 3421896 B1 20201230; AU 2016393930 A1 20180802; AU 2016393930 B2 20191121; JP 6537697 B2 20190703; JP WO2017145263 A1 20180531; WO 2017145263 A1 20170831

DOCDB simple family (application)
EP 16891422 A 20160223; AU 2016393930 A 20160223; JP 2016055245 W 20160223; JP 2018501449 A 20160223