

Title (en)
AIR CONDITIONING CONTROL DEVICE

Title (de)
KLIMAANLAGENSTEUERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE COMMANDE DE CLIMATISATION

Publication
EP 4235048 A4 20231206 (EN)

Application
EP 20958653 A 20201021

Priority
JP 2020039495 W 20201021

Abstract (en)
[origin: EP4235048A1] An air conditioning control device includes a storage device that stores a plurality of analysis conditions to which respective priorities are assigned, and a result of an airflow analysis for each of the analysis conditions, and an arithmetic device that controls an air-conditioning apparatus. The arithmetic device includes an airflow analysis unit that performs the airflow analysis for the plurality of analysis conditions in order of priority from highest to lowest, an airflow control feasibility determination unit that determines, in accordance with a generation state of an analysis result provided by the airflow analysis unit, whether or not airflow control can be started for the air-conditioning apparatus, and an operating state decision unit that, when the airflow control feasibility determination unit determines that the airflow control can be started, decides on an operating state of the air-conditioning apparatus in accordance with an analysis result provided by the airflow analysis unit.

IPC 8 full level
F24F 11/63 (2018.01); **F24F 11/46** (2018.01); **F24F 11/49** (2018.01); **F24F 11/64** (2018.01); **F24F 11/65** (2018.01); **F24F 11/74** (2018.01); **F24F 11/10** (2018.01)

CPC (source: EP US)
F24F 11/46 (2017.12 - EP); **F24F 11/49** (2017.12 - EP); **F24F 11/63** (2017.12 - EP US); **F24F 11/64** (2017.12 - EP); **F24F 11/65** (2017.12 - EP); **F24F 11/74** (2017.12 - EP); **F24F 2110/10** (2017.12 - EP)

Citation (search report)

- [I] WO 2016009506 A1 20160121 - MITSUBISHI ELECTRIC CORP [JP]
- [I] WO 2020008550 A1 20200109 - MITSUBISHI ELECTRIC CORP [JP]
- [I] EP 1767876 A1 20070328 - SHARP KK [JP]
- See references of WO 2022085100A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4235048 A1 20230830; EP 4235048 A4 20231206; CN 116324292 A 20230623; JP 7042973 B1 20220328; JP WO2022085100 A1 20220428; US 2023332793 A1 20231019; WO 2022085100 A1 20220428

DOCDB simple family (application)
EP 20958653 A 20201021; CN 202080105416 A 20201021; JP 2020039495 W 20201021; JP 2021512472 A 20201021; US 202018025646 A 20201021