

Title (en)
AIR CONDITIONER AND AIR CONDITIONING SYSTEM

Title (de)
KLIMAANLAGE UND KLIMATISIERUNGSSYSTEM

Title (fr)
CLIMATISEUR ET SYSTÈME DE CLIMATISATION

Publication
EP 4220029 A4 20240403 (EN)

Application
EP 20955209 A 20200924

Priority
JP 2020036109 W 20200924

Abstract (en)
[origin: EP4220029A1] In regard to an air conditioner and an air conditioning system controlling a plurality of air conditioners, an object of the present disclosure is to provide an air conditioner capable of continuously controlling the operating status in consideration of the temperature conditions at the position for which a setting is made and in the vicinity of the position in a case where a setting has been made so as to locally provide a set temperature difference in a region, for example. The air conditioner includes a temperature information acquisition unit (210) to acquire a result of detecting temperature information in a region, a thermal distribution generation unit (220) to generate thermal distribution information in the region from the temperature information, a reference thermal distribution generation unit (240) to generate reference thermal distribution information in the region, and an air blow control unit (250) to control an air blow setting so that a difference between the thermal distribution information and the reference thermal distribution information decreases.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)

- [Y] WO 2019026098 A1 20190207 - MITSUBISHI ELECTRIC CORP [JP]
- [Y] JP 2020148385 A 20200917 - DAIKIN IND LTD
- [Y] EP 3708917 A1 20200916 - MITSUBISHI ELECTRIC CORP [JP]
- [Y] EP 3657088 A1 20200527 - MITSUBISHI HEAVY IND THERMAL SYSTEMS LTD [JP]
- See also references of WO 2022064615A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 4220029 A1 20230802; **EP 4220029 A4 20240403**; JP WO2022064615 A1 20220331; US 2023324068 A1 20231012; WO 2022064615 A1 20220331

DOCDB simple family (application)
EP 20955209 A 20200924; JP 2020036109 W 20200924; JP 2022551507 A 20200924; US 202018024279 A 20200924