

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 4043804 A1 20220817 (EN)

Application
EP 21203572 A 20211019

Priority
JP 2021019460 A 20210210

Abstract (en)
An air conditioner in the present disclosure is an air conditioner including a refrigeration cycle in which indoor heat exchanger of indoor unit and an outdoor heat exchanger of an outdoor unit, a compressor, and a throttle device are connected via pipes to one another in a closed circuit, the refrigeration cycle using a flammable coolant. The air conditioner includes: blower fan that receives air that has passed through indoor heat exchanger and blows the air to air outlet of the indoor unit; flap that adjusts an orientation of the air blown out from air outlet into a room; and a control device that controls blower fan and flap, wherein the control device closes the flap in an event of stopping the blower fan while the air conditioner keeps running.

IPC 8 full level
F24F 1/0003 (2019.01); **F24F 11/36** (2018.01); **F24F 11/52** (2018.01); **F24F 11/63** (2018.01); **F24F 11/77** (2018.01); **F24F 11/79** (2018.01)

CPC (source: EP)
F24F 1/0003 (2013.01); **F24F 11/36** (2017.12); **F24F 11/52** (2017.12); **F24F 11/63** (2017.12); **F24F 11/77** (2017.12); **F24F 11/79** (2017.12)

Citation (applicant)
JP 3744330 B2 20060208

Citation (search report)
• [XY] JP 2017053501 A 20170316 - DAIKIN IND LTD
• [XY] WO 2019077696 A1 20190425 - MITSUBISHI ELECTRIC CORP [JP]
• [X] JP 2016217567 A 20161222 - MITSUBISHI HEAVY IND LTD
• [X] JP 2019052785 A 20190404 - FUJITSU GENERAL LTD
• [Y] JP 6408324 B2 20181017
• [Y] EP 2857771 A1 20150408 - DAIKIN IND LTD [JP]
• [A] JP 2015094512 A 20150518 - DAIKIN IND LTD
• [A] JP 2011127847 A 20110630 - MITSUBISHI ELECTRIC CORP

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)
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DOCDB simple family (application)
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