

Title (en)
AIR CONDITIONING SYSTEM

Title (de)
KLIMATISIERUNGSSYSTEM

Title (fr)
SYSTÈME DE CLIMATISATION

Publication
EP 4008975 A1 20220608 (EN)

Application
EP 21210744 A 20211126

Priority
JP 2020199643 A 20201201

Abstract (en)
Provided is an air conditioning system capable of efficiently driving a device for a countermeasure against refrigerant leakage with power of a power storage unit, when power supply from a commercial power source is not available. The air conditioning system includes a refrigeration cycle to circulate a slightly flammable refrigerant or a flammable refrigerant, an indoor unit 11 including a heat exchanger connected to the refrigeration cycle, the indoor unit being installed in an indoor space 70, a refrigerant sensor that detects the refrigerant leaking from the indoor unit 11, a ventilation device 14 that ventilates the indoor space 70, a power storage unit 52 that is charged by a commercial power source, and a controller, the refrigerant sensor and the ventilation device 14 are operated by the commercial power source, and the controller operates the ventilation device 14 with power of the power storage unit 52, in a case where supply from the commercial power source is stopped.

IPC 8 full level
F24F 11/36 (2018.01); **F24F 11/00** (2018.01); **F24F 11/77** (2018.01)

CPC (source: EP)
F24F 11/0001 (2013.01); **F24F 11/36** (2018.01); **F24F 11/77** (2018.01)

Citation (applicant)
JP 2015117931 A 20150625 - DAIKIN IND LTD

Citation (search report)
• [X] EP 2589900 A1 20130508 - PANASONIC CORP [JP]
• [A] WO 2020110424 A1 20200604 - HITACHI JOHNSON CONTROLS AIR CONDITIONING INC [JP]
• [A] WO 2020110425 A1 20200604 - HITACHI JOHNSON CONTROLS AIR CONDITIONING INC [JP]
• [A] EP 3260791 A1 20171227 - DAIKIN IND LTD [JP]

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)
EP 21210744 A 20211126; JP 2020199643 A 20201201