

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 3862642 A4 20211201 (EN)

Application
EP 19883559 A 20190911

Priority
• JP 2018213540 A 20181114
• JP 2019035601 W 20190911

Abstract (en)
[origin: EP3862642A1] An air conditioner includes a refrigerant circuit (RC), an indoor unit (1) having a casing and an indoor fan (12), a humidified air supply device (3) that supplies humidified air into the casing, and a control device that performs cleaning operation of an indoor heat exchanger (11) by controlling the refrigerant circuit (RC) and the humidified air supply device (3) to supply humidified air from the humidified air supply device (3) into the casing and to cause the indoor heat exchanger (11) to function as an evaporator. The control device controls, during a first time period from when information related to start of the cleaning operation is received until a predetermined time elapses, the refrigerant circuit (RC) to restrict a flow rate of refrigerant to the indoor heat exchanger (11) more than during the cleaning operation or to set evaporation temperature (Te) of the indoor heat exchanger (11) higher than during the cleaning operation, and controls, after the first time period, the refrigerant circuit (RC) and the humidified air supply device (3) to perform the cleaning operation.

IPC 8 full level
F24F 1/0087 (2019.01); **F24F 11/30** (2018.01); **F24F 11/61** (2018.01); **F24F 11/70** (2018.01)

CPC (source: EP)
F24F 1/0087 (2019.01); **F24F 11/30** (2017.12); **F24F 11/61** (2017.12); **F24F 11/70** (2017.12); **F24F 2221/22** (2013.01); **F24F 2221/54** (2013.01)

Citation (search report)
• [Y] JP 2009300030 A 20091224 - DAIKIN IND LTD
• [Y] WO 2018198397 A1 20181101 - HITACHI JOHNSON CONTROLS AIR CONDITIONING INC [JP]
• [A] JP 2010007999 A 20100114 - DAIKIN IND LTD
• [A] CN 105299949 A 20160203 - LIDAN
• See references of WO 2020100395A1

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 3862642 A1 20210811; **EP 3862642 A4 20211201**; CN 112823262 A 20210518; CN 112823262 B 20210831; JP 2020079684 A 20200528; JP 6743869 B2 20200819; WO 2020100395 A1 20200522

DOCDB simple family (application)
EP 19883559 A 20190911; CN 201980066692 A 20190911; JP 2018213540 A 20181114; JP 2019035601 W 20190911