

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 4063749 A1 20220928 (EN)

Application
EP 21203565 A 20211019

Priority
JP 2021049338 A 20210324

Abstract (en)
An air conditioner includes vertical wind direction change blade (6, 7) provided to air outlet (3) of a main body, left-right wind direction change blade mechanism (8, 9) provide to air outlet (3) of main body. The left-right wind direction change blade mechanism has a plurality of blades (14), and vane base (13) that pivotally supports the plurality of blades (14). Vane base (13) has a first end portion that is pivotally supported to a right end portion or a left end portion of air outlet (3), and a second end portion that is a free end rotatable around the first end portion. Vertical wind direction change blade (7) is located above left-right wind direction change blade mechanism (8, 9). Uppermost ends of the plurality of blades (14) form plane (Z) when vane base (13) is rotated. Plane (Z) is located below lower surface (7a) of vertical wind direction change blade (7).

IPC 8 full level
F24F 1/0011 (2019.01); **F24F 13/14** (2006.01); **F24F 13/15** (2006.01)

CPC (source: CN EP)
F24F 1/0011 (2013.01 - CN EP); **F24F 13/1413** (2013.01 - EP); **F24F 13/1426** (2013.01 - EP); **F24F 13/15** (2013.01 - CN EP); **F24F 2013/1473** (2013.01 - EP); **F24F 2221/22** (2013.01 - EP)

Citation (applicant)
JP 2001324161 A 20011122 - MITSUBISHI ELECTRIC CORP

Citation (search report)
• [X] JP 2020094770 A 20200618 - PANASONIC IP MAN CORP
• [A] JP 2005147436 A 20050609 - MITSUBISHI ELECTRIC CORP
• [A] CN 2718442 Y 20050817 - HAIER GROUP CORP [CN]
• [AD] JP 2001324161 A 20011122 - 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)
EP 4063749 A1 20220928; CN 115127151 A 20220930; JP 2022147884 A 20221006

DOCDB simple family (application)
EP 21203565 A 20211019; CN 202110948975 A 20210818; JP 2021049338 A 20210324