

Title (en)
Air conditioner

Title (de)
Klimaanlage

Title (fr)
Climatiseur

Publication
EP 2835597 A1 20150211 (EN)

Application
EP 14178151 A 20140723

Priority
JP 2013161290 A 20130802

Abstract (en)
In this air conditioner, a flap (17) that adjusts an air direction is provided at a blow-out opening (8) for temperature conditioned air, a widthwise front edge of the flap (17) is supported at both ends in a length direction thereof in a freely pivotable manner via first spindles (22) at second ends of linkages (21) whose first ends are coupled with rotation shafts (20) that are driven by a motor, and a widthwise rear edge of the flap (17) is supported in a freely slidable manner by a guiding pathway (24), which is provided so as to extend in a top-to-bottom direction of the blow-out opening (8), via a second spindle (23).

IPC 8 full level
F24F 1/0063 (2019.01); **F24F 13/14** (2006.01)

CPC (source: EP US)
F24F 1/0011 (2013.01 - EP); **F24F 1/0063** (2019.01 - EP US); **F24F 13/1413** (2013.01 - EP); **F24F 13/1426** (2013.01 - EP); **F24F 13/1486** (2013.01 - EP); **F24F 1/02** (2013.01 - EP); **F24F 2013/1433** (2013.01 - EP)

Citation (applicant)

- JP S63254343 A 19881021 - MATSUSHITA REFRIGERATION
- JP H09210442 A 19970812 - NIKKO KOGYO KK, et al
- JP 2009019831 A 20090129 - MITSUBISHI HEAVY IND LTD

Citation (search report)

- [XI] EP 2096364 A1 20090902 - GIORDANO RIELLO INTERNAT GROUP [IT]
- [I] JP 2010060223 A 20100318 - SHARP KK
- [I] WO 2013084426 A1 20130613 - PANASONIC CORP [JP]

Cited by
CN105674531A; CN105066246A; CN112146258A; CN108592198A; US11493230B2; CN107990529A; WO2023217376A1; WO2020169204A1

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 2835597 A1 20150211; **EP 2835597 B1 20190306**; ES 2718185 T3 20190628; JP 2015031452 A 20150216; JP 6320701 B2 20180509

DOCDB simple family (application)
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