

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 3141836 A1 20170315 (EN)

Application
EP 16185792 A 20160826

Priority
JP 2015176284 A 20150908

Abstract (en)
An air conditioner includes a main body portion in which an air outlet is formed and a main body side mounting hole (24) is formed; a flap which changes a blowing direction of air; and a connecting member (21) which rotatably connects the flap with respect to the main body portion. The connecting member (21) has a mounting hole insertion portion (25) which is inserted into the main body side mounting hole (24). The mounting hole inserting portion (25) has an insertion main body portion (27) formed so that a total circumferential length of an outer circumferential surface is smaller than that of the main body side mounting hole (24), and an enlarged diameter portion (30) which is elastically deformable inward. The enlarged diameter portion (30) is formed so that a total circumferential length of the outer circumferential surface is larger than the circumferential length of the inner circumferential surface of the main body side mounting hole (24).

IPC 8 full level
F24F 13/14 (2006.01); **F24F 1/00** (2011.01)

CPC (source: EP)
F24F 1/0011 (2013.01); **F24F 13/1486** (2013.01)

Citation (applicant)
JP 2008261564 A 20081030 - MITSUBISHI ELECTRIC CORP

Citation (search report)
• [XA] CN 203928323 U 20141105 - GUANGDONG MEDIA REFRIGERATION EQUIPMENT CO LTD, et al
• [XA] CN 203928319 U 20141105 - GUANGDONG MEDIA REFRIGERATION EQUIPMENT CO LTD, et al
• [A] CN 203375635 U 20140101 - GUANGZHOU HUALING REFRIGERATION EQUIPMENT CO LTD, et al
• [A] JP 2002277039 A 20020925 - FUJITSU GENERAL LTD

Cited by
EP3527906A4; EP3593059A4; US11274835B2

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 3141836 A1 20170315; AU 2016219563 A1 20170323; AU 2016219563 B2 20180201; JP 2017053508 A 20170316;
JP 6503602 B2 20190424

DOCDB simple family (application)
EP 16185792 A 20160826; AU 2016219563 A 20160823; JP 2015176284 A 20150908