

Title (en)
AIR CONDITIONING INDOOR UNIT

Title (de)
KLIMAANLAGEN-INNENRAUMEINHEIT

Title (fr)
APPAREIL INTÉRIEUR DE CONDITIONNEMENT D'AIR

Publication
EP 2762798 A1 20140806 (EN)

Application
EP 12807036 A 20120627

Priority
• JP 2011147751 A 20110701
• JP 2012066360 W 20120627

Abstract (en)
To provide an air conditioning indoor unit that can deliver a flow of outlet air more widely in a right and left direction. A wall-mounted air conditioning indoor unit (4) is equipped with a body casing (5) and an air flow direction adjustment unit (6). The body casing (5) has an outlet air passage (8) for conditioned air. The air flow direction adjustment unit (6) is placed in the neighborhood of an exit of the outlet air passage (8) and has outside vertical flaps (61) and inside vertical flaps (62) that adjust the direction of air flow. The outside vertical flaps (61) positioned closest to first side walls (87) of the outlet air passage (8) have, in a state in which they are postured closer to the first side walls (87) the further they are on a downstream side of an air flow of the conditioned air, sections in which gaps between central sections (61 a) that are parts of end portions on the downstream side and the first side walls (87) are equal to or less than 10 mm and in which gaps between upper sections (61 b) and lower sections (61c) that are outside the central sections (61 a) of the end portions on the downstream side and the first side walls (87) are greater than 10 mm.

IPC 8 full level
F24F 13/20 (2006.01); **F24F 1/00** (2011.01); **F24F 13/15** (2006.01)

CPC (source: EP US)
F24F 1/0011 (2013.01 - EP US); **F24F 11/79** (2017.12 - EP US); **F24F 13/10** (2013.01 - US); **F24F 13/15** (2013.01 - EP US);
F24F 2221/28 (2013.01 - EP US)

Cited by
EP3594582A4

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

DOCDB simple family (publication)
US 2014134939 A1 20140515; AU 2012279635 A1 20140206; AU 2012279635 B2 20150507; CN 103608628 A 20140226;
CN 103608628 B 20150506; EP 2762798 A1 20140806; EP 2762798 A4 20160106; JP 2013015246 A 20130124; JP 5120482 B1 20130116;
WO 2013005612 A1 20130110

DOCDB simple family (application)
US 201214129806 A 20120627; AU 2012279635 A 20120627; CN 201280030907 A 20120627; EP 12807036 A 20120627;
JP 2011147751 A 20110701; JP 2012066360 W 20120627