

Title (en)
AIR-CONDITIONING INDOOR UNIT

Title (de)
KLIMAAANLAGEN-INNENRAUMEINHEIT

Title (fr)
UNITÉ INTÉRIEURE DE CLIMATISATION

Publication
EP 3348928 A4 20180912 (EN)

Application
EP 16844340 A 20160906

Priority

- JP 2015178823 A 20150910
- JP 2016076164 W 20160906

Abstract (en)
[origin: EP3348928A1] It is a problem of the present invention to provide an air conditioning indoor unit that can efficiently realize downward blowing of outlet air and furthermore prevent the outlet air from bypassing a predetermined air passage space through a gap between two air direction adjustment members. In an air conditioning indoor unit (10), an auxiliary front flap (32) has its lower end positioned more forward than its upper end and is inclined relative to a vertical plane, and a front flap (31) has its lower end positioned more toward a side wall than its upper end and is inclined relative to a vertical plane, so outlet air can be deflected more than 90° downward from the horizontal (more toward the side wall on which the air conditioner is installed than a vertical plane), and an "unfelt airflow" heading toward the lower portion of the side wall can be realized.

IPC 8 full level
F24F 13/20 (2006.01); **F24F 1/00** (2011.01); **F24F 13/14** (2006.01)

CPC (source: EP US)
F24F 1/0011 (2013.01 - EP); **F24F 1/0057** (2019.01 - EP); **F24F 11/89** (2017.12 - US); **F24F 13/14** (2013.01 - EP)

Citation (search report)

- [XI] JP 2005164067 A 20050623 - SHARP KK
- [XI] JP 2001227811 A 20010824 - MATSUSHITA ELECTRIC IND CO LTD
- [X] JP 2008138962 A 20080619 - SHARP KK
- See references of WO 2017043479A1

Cited by
US11612977B2; US11493231B2

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 3348928 A1 20180718; EP 3348928 A4 20180912; AU 2016320945 A1 20180412; AU 2016320945 B2 20190516;
CN 108027165 A 20180511; CN 108027165 B 20210528; JP 2017053568 A 20170316; JP 6264347 B2 20180124; WO 2017043479 A1 20170316

DOCDB simple family (application)
EP 16844340 A 20160906; AU 2016320945 A 20160906; CN 201680052070 A 20160906; JP 2015178823 A 20150910;
JP 2016076164 W 20160906