

Title (en)
Outdoor unit for air conditioner

Title (de)
Außenraumeinheit für Klimaanlage

Title (fr)
Unité extérieure pour climatiseur

Publication
EP 2476913 A3 20170405 (EN)

Application
EP 12150278 A 20120105

Priority
KR 20110002201 A 20110110

Abstract (en)
[origin: EP2476913A2] An outdoor unit (1) of an air conditioner includes an axial flow fan (40) including a hub (41) and a plurality of blades (43) disposed on the hub (41), a rotation orifice (110) disposed to surround the axial flow fan (40), the rotation orifice (110) guiding air flowing by the axial flow fan (40), and a fixed orifice (120) having an orifice hole (121) through which the air flowing by the axial flow fan (40) passes, the fixed orifice (120) being disposed outside the rotation orifice (110). At least one portion of each of the blades (43) and one surface of the rotation orifice (110) are coupled to each other and rotated together with each other.

IPC 8 full level
F04D 29/32 (2006.01)

CPC (source: EP KR US)
F04D 19/002 (2013.01 - KR); **F04D 29/326** (2013.01 - EP US); **F24F 1/12** (2013.01 - KR); **F24F 1/38** (2013.01 - KR); **F24F 1/48** (2013.01 - KR)

Citation (search report)

- [X] JP 2008057480 A 20080313 - DAIKIN IND LTD
- [X] JP 2006189039 A 20060720 - DAIKIN IND LTD
- [A] GB 2358677 A 20010801 - GATE SPA [IT]

Cited by
EP2447542A3

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 2476913 A2 20120718; EP 2476913 A3 20170405; CN 102589057 A 20120718; KR 20120080789 A 20120718; US 2012175089 A1 20120712

DOCDB simple family (application)
EP 12150278 A 20120105; CN 201210012227 A 20120105; KR 20110002201 A 20110110; US 201213346896 A 20120110