

Title (en)
AIR-CONDITIONER OUTDOOR UNIT

Title (de)
KLIMAANLAGENAUSSENEINHEIT

Title (fr)
UNITÉ EXTÉRIEURE DE CLIMATISEUR

Publication
EP 3073202 A4 20161228 (EN)

Application
EP 14863966 A 20141119

Priority
• JP 2013240085 A 20131120
• JP 2014080613 W 20141119

Abstract (en)
[origin: EP3073202A1] To provide an air conditioner outdoor unit that is made compact by reducing the unit height, and with which a sufficient adsorption air volume for a humidifying rotor is ensured, and which has superior maintainability. A humidifying rotor (63) includes an adsorption area (61), which adsorbs moisture in outside air, and a desorption area (62), which as a result of being heated desorbs the moisture adsorbed in the adsorption area (61). The plate-shaped humidifying rotor (63) is installed along a plane perpendicular to a forward and rearward direction. An air flow path allows an air flow to flow from downstream of an outdoor fan (39) to the adsorption area (61) of the humidifying rotor (63).

IPC 8 full level
F24F 6/08 (2006.01); **F24F 1/22** (2011.01); **F24F 1/48** (2011.01); **F24F 6/16** (2006.01)

CPC (source: EP)
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Citation (search report)
• [Y] JP 2013011435 A 20130117 - DAIKIN IND LTD
• [Y] JP 2008190828 A 20080821 - TOSHIBA CARRIER CORP
• [AD] JP 2012251692 A 20121220 - DAIKIN IND LTD
• [A] JP 2002089902 A 20020327 - DAIKIN IND LTD
• [A] EP 1318356 A1 20030611 - DAIKIN IND LTD [JP]
• See references of WO 2015076287A1

Cited by
CN113418242A; US11859859B2

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

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