

Title (en)
INDOOR UNIT FOR AIR CONDITIONER

Title (de)
INNENRAUMEINHEIT FÜR KLIMAAANLAGE

Title (fr)
UNITÉ D'INTÉRIEUR POUR CLIMATISEUR

Publication
EP 3321602 A4 20190227 (EN)

Application
EP 15897728 A 20150708

Priority
JP 2015069687 W 20150708

Abstract (en)
[origin: EP3321602A1] An indoor unit for an air conditioner includes: a blower fan that is arranged in a casing; a heat exchanger that encompasses all air flow directions from the blower fan; a drain pan that is arranged below the heat exchanger; and an antimicrobial unit that is installed on the drain pan and has an antimicrobial agent to sterilize drain water. At least a part of the antimicrobial unit is arranged directly below the heat exchanger. The indoor unit has the antimicrobial agent arranged on the drain pan while a cross-sectional area of an outlet passage is prevented from being reduced.

IPC 8 full level
F24F 13/22 (2006.01); **F24F 1/0007** (2019.01); **F24F 1/0047** (2019.01); **F24F 13/30** (2006.01)

CPC (source: EP US)
B65D 1/40 (2013.01 - US); **F24F 1/0007** (2013.01 - EP US); **F24F 1/0047** (2019.01 - EP US); **F24F 13/222** (2013.01 - EP US); **F25D 21/14** (2013.01 - US); **F24F 13/30** (2013.01 - EP US); **F24F 2013/221** (2013.01 - US); **F24F 2013/228** (2013.01 - EP US)

Citation (search report)

- [Y] JP 2007240113 A 20070920 - DAIKIN IND LTD
- [Y] JP 2013076518 A 20130425 - MITSUBISHI ELECTRIC CORP
- [A] JP 2010065931 A 20100325 - MITSUBISHI HEAVY IND LTD
- See references of WO 2017006466A1

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)
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DOCDB simple family (application)
EP 15897728 A 20150708; CN 201580081572 A 20150708; JP 2015069687 W 20150708; JP 2017527041 A 20150708; US 201515740157 A 20150708