

Title (en)
INDOOR UNIT FOR AIR CONDITIONER

Title (de)
INNENRAUMEINHEIT FÜR KLIMAANLAGE

Title (fr)
UNITÉ INTÉRIEURE POUR CLIMATISEUR

Publication
EP 3614065 A4 20200415 (EN)

Application
EP 18806196 A 20180423

Priority
• JP 2017103058 A 20170524
• JP 2018016493 W 20180423

Abstract (en)
[origin: EP3614065A1] An indoor unit for an air conditioner includes: a casing (2, 3) having a blow-out port (10), the casing (2, 3) including a casing main body; a centrifugal fan disposed in the casing (2, 3); a heat exchanger disposed between the casing (2, 3) and the centrifugal fan (30); a turnable flap (20) configured to control a direction of air to be blown out through the blow-out port (10); and a driver (80) disposed in the casing (2, 3) and configured to generate a driving force for turning the flap (20). The driver (80) and the flap (20) are arranged in a direction perpendicular to a pivot axis of the flap (20).

IPC 8 full level
F24F 1/00 (2019.01); **F24F 1/0011** (2019.01); **F24F 13/14** (2006.01); **F24F 13/20** (2006.01)

CPC (source: EP)
F24F 1/0011 (2013.01); **F24F 13/14** (2013.01); **F24F 13/1426** (2013.01); **F24F 13/20** (2013.01)

Citation (search report)
• [XYI] JP 2003254554 A 20030910 - SANYO ELECTRIC CO, et al
• [Y] JP 2001304609 A 20011031 - HITACHI LTD
• [XYI] KR 20030049323 A 20030625 - SAMSUNG ELECTRONICS CO LTD [KR]
• [IY] JP 2002276989 A 20020925 - MITSUBISHI HEAVY IND LTD
• [A] JP H09196459 A 19970731 - DAIKIN IND LTD
• See references of WO 2018216415A1

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 3614065 A1 20200226; **EP 3614065 A4 20200415**; AU 2018271456 A1 20191212; AU 2018271456 B2 20210311;
CN 110603413 A 20191220; CN 110603413 B 20211221; JP 2018197646 A 20181213; JP 6540854 B2 20190710; WO 2018216415 A1 20181129

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