

Title (en)
INDOOR UNIT FOR AIR CONDITIONER

Title (de)
INNENRAUMEINHEIT FÜR KLIMAANLAGE

Title (fr)
UNITÉ INTÉRIEURE POUR CLIMATISEUR

Publication
EP 3614057 A4 20200415 (EN)

Application
EP 18805124 A 20180413

Priority
• JP 2017103039 A 20170524
• JP 2018015547 W 20180413

Abstract (en)
[origin: EP3614057A1] An indoor unit for an air conditioner includes a heat exchanger (40) disposed between a centrifugal fan (30) and a first wall (11), a third wall (13), and a fourth wall (14) of a casing (1, 2, 3). The heat exchanger (40) includes a first extension part (42) located near the third wall (13) of the casing (1, 2, 3) and extending from the first wall (11) toward the second wall (12) in the casing (1, 2, 3), and a second extension part (43) located near the fourth wall (14) of the casing (1, 2, 3) and extending from the first wall (11) toward the second wall (12) in the casing (1, 2, 3). The first extension part (42) in the heat exchanger (40) extends beyond a distal end of the second extension part (43) in the heat exchanger (40) toward the second wall (12) of the casing (1, 2, 3).

IPC 8 full level
F24F 1/0047 (2019.01); **F24F 1/0059** (2019.01); **F24F 1/0067** (2019.01); **F24F 1/0068** (2019.01)

CPC (source: EP)
F24F 1/0047 (2019.01); **F24F 1/0059** (2013.01); **F24F 1/0067** (2019.01); **F24F 1/0068** (2019.01)

Citation (search report)
• [X] EP 0985889 A2 20000315 - HITACHI LTD [JP]
• [X] EP 2378217 A1 20111019 - DAIKIN IND LTD [JP]
• [X] JP H01140422 U 19890926
• [A] WO 2016016659 A1 20160204 - OVE ARUP & PARTNERS INTERNAT LTD [GB]
• [A] EP 1382917 A1 20040121 - DAIKIN IND LTD [JP]
• See references of WO 2018216391A1

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 3614057 A1 20200226; **EP 3614057 A4 20200415**; **EP 3614057 B1 20210623**; AU 2018271441 A1 20191212; AU 2018271441 B2 20210429; CN 110546436 A 20191206; CN 110546436 B 20220429; ES 2882208 T3 20211201; JP 2018197636 A 20181213; JP 6477784 B2 20190306; WO 2018216391 A1 20181129

DOCDB simple family (application)
EP 18805124 A 20180413; AU 2018271441 A 20180413; CN 201880027230 A 20180413; ES 18805124 T 20180413; JP 2017103039 A 20170524; JP 2018015547 W 20180413