

Title (en)
AIR-CONDITIONING INDOOR UNIT AND AIR CONDITIONER HAVING SAME

Title (de)
INNENRAUMEINHEIT FÜR KLIMAANLAGE UND KLIMAANLAGE DAMIT

Title (fr)
UNITÉ D'INTÉRIEUR DE CLIMATISATION ET CLIMATISEUR PRÉSENTANT CELLE-CI

Publication
EP 3693675 A4 20200812 (EN)

Application
EP 19778781 A 20190320

Priority
• CN 201822112078 U 20181214
• CN 2019078823 W 20190320

Abstract (en)
[origin: EP3693675A1] An indoor unit (100) and air conditioner equipped with it, where the indoor unit (100) is composed of the housing (1), the fan assembly (2), the first driving mechanism (4), the first door (3), the second driving mechanism (6) and the second door (5). The first door (3) has open state and closed state; in the open state, the first driving mechanism (4) drives the first door (3) to move relative to the housing (1) into the set position to open the first air outlet (11a); in the closed state, the first door (3) works with the housing (1) to close the first air outlet (11a), while the second driving mechanism (6) drives the second door (5) to slide relative to the housing (1) to open or close the second air outlet (11b).

IPC 8 full level
F24F 13/10 (2006.01); **F24F 1/0014** (2019.01); **F24F 1/005** (2019.01); **F24F 13/12** (2006.01)

CPC (source: EP KR US)
F24F 1/0011 (2013.01 - KR); **F24F 1/0014** (2013.01 - EP US); **F24F 1/0022** (2013.01 - KR US); **F24F 1/005** (2019.02 - EP);
F24F 13/06 (2013.01 - KR); **F24F 13/12** (2013.01 - EP US)

Citation (search report)
• [X] CN 106287975 A 20170104 - WUHU MEIZHI AIR CONDITIONING EQUIPMENT CO LTD, et al
• [X] CN 204943813 U 20160106 - GREE ELECTRIC APPLIANCES INC ZHUHAI
• [X] CN 106322529 A 20170111 - WUHU MEIZHI AIR CONDITIONING EQUIPMENT CO LTD, et al
• [X] CN 106225083 A 20161214 - WUHU MEIZHI AIR CONDITIONING EQUIPMENT CO LTD, et al
• [A] US 2018209668 A1 20180726 - HA JONG KWEON [KR], et al
• See also references of WO 2020118954A1

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 3693675 A1 20200812; **EP 3693675 A4 20200812**; **EP 3693675 B1 20240228**; CN 209325925 U 20190830; JP 2021513043 A 20210520;
JP 7079792 B2 20220602; KR 102249899 B1 20210510; KR 20200074913 A 20200625; US 2022003432 A1 20220106;
WO 2020118954 A1 20200618

DOCDB simple family (application)
EP 19778781 A 20190320; CN 201822112078 U 20181214; CN 2019078823 W 20190320; JP 2019556221 A 20190320;
KR 20197030460 A 20190320; US 201916499541 A 20190320