

Title (en)

HOUSING ASSEMBLY OF AIR CONDITIONER INDOOR UNIT, AND AIR CONDITIONER INDOOR UNIT

Title (de)

GEHÄUSEANORDNUNG EINER KLIMAANLAGENINNENEINHEIT SOWIE KLIMAANLAGENINNENEINHEIT

Title (fr)

ENSEMBLE BOÎTIER D'UNITÉ INTÉRIEURE DE CLIMATISEUR ET UNITÉ INTÉRIEURE DE CLIMATISEUR

Publication

**EP 3604937 A4 20200422 (EN)**

Application

**EP 18903777 A 20180927**

Priority

- CN 201820181641 U 20180131
- CN 2018108049 W 20180927

Abstract (en)

[origin: EP3604937A1] A housing assembly of an indoor unit and indoor unit (100), wherein the housing assembly comprises the face frame (1), the end cover (2), the first auxiliary air-outlet grille (3) and the air guiding member (5). The face frame (1) is provided with the air inlet, the main air outlet (11), and two end covers (2) that are disposed at two ends of the face frame (1). The part of at least one of the end covers (2) adjacent to the main air outlet (11) forms the auxiliary air outlet (23). The auxiliary air-outlet channel (24) connected to the auxiliary air outlet (23) is defined between the end cover (2) and the face frame (1). The first auxiliary air-outlet grille (3) is disposed on the auxiliary air outlet (23), and the air guiding member (5) is disposed on the outer surface of the end cover (2) around the outer periphery of the auxiliary air outlet (23).

IPC 8 full level

**F24F 1/00** (2019.01); **F24F 1/0014** (2019.01); **F24F 1/0057** (2019.01); **F24F 13/08** (2006.01); **F24F 13/20** (2006.01)

CPC (source: EP RU)

**F24F 1/00** (2013.01 - RU); **F24F 1/0014** (2013.01 - EP); **F24F 1/0057** (2019.01 - EP); **F24F 13/20** (2013.01 - EP)

Citation (search report)

- [Y] CN 107166514 A 20170915 - QINGDAO HAIER AIR CONDITIONER
- [Y] CN 205825235 U 20161221 - WUHAN REFRIGERATION EQUIPMENT CO LTD OF MIDEA GROUP, et al
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CN112594780A

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 3604937 A1 20200205**; **EP 3604937 A4 20200422**; **EP 3604937 B1 20210407**; CN 207962911 U 20181012; HU E055088 T2 20211129; JP 2020517894 A 20200618; JP 6810284 B2 20210106; RU 2745764 C1 20210331; WO 2019148870 A1 20190808

DOCDB simple family (application)

**EP 18903777 A 20180927**; CN 2018108049 W 20180927; CN 201820181641 U 20180131; HU E18903777 A 20180927; JP 2019557458 A 20180927; RU 2020124426 A 20180927