

Title (en)
CEILING-EMBEDDED AIR CONDITIONER

Title (de)
IN EINE RAUMDECKE EINGEBETTETE KLIMAAANLAGE

Title (fr)
CONDITIONNEUR D'AIR ENCASTRÉ DANS LE PLAFOND

Publication
EP 3604965 A4 20200325 (EN)

Application
EP 17903471 A 20170329

Priority
JP 2017012899 W 20170329

Abstract (en)
[origin: EP3604965A1] A ceiling-embedded air-conditioning apparatus includes a main body, a decorative panel, an air inlet grille and side panels. The main body includes an indoor heat exchanger and an indoor fan. The decorative panel is attached to the main body from an opening side of the main body. The air inlet grille is provided on a design side of the decorative panel. The side panels are provided on the left and right sides of the air inlet grille. The side panels are detachably attached to the decorative panel, and the decorative panel is provided with an opening portion which allows, when the air inlet grille is in an opened state, suspension metal fittings of the main body to be operated and also an electrical device or a pipe connection portion provided at the main body to be handled, with the decorative panel attached to the main body, after the side panels are detached from the decorative panel, the air inlet grille being rotated to be in the opened state.

IPC 8 full level
F24F 1/0047 (2019.01)

CPC (source: EP US)
F24F 1/0047 (2019.01 - EP US); **F24F 1/32** (2013.01 - US); **F24F 13/084** (2013.01 - US); **F24F 13/20** (2013.01 - US); **F24F 1/0011** (2013.01 - US); **F24F 2013/205** (2013.01 - US)

Citation (search report)

- [XYI] JP H05264059 A 19931012
- [Y] JP H11101469 A 19990413 - MATSUSHITA ELECTRIC IND CO LTD
- [Y] WO 2009034904 A1 20090319 - DAIKIN IND LTD [JP], et al
- [A] JP 2004092998 A 20040325 - TOSHIBA CARRIER KK, et al
- [A] JP 2009079819 A 20090416 - FUJITSU GENERAL LTD
- See references of WO 2018179136A1

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 3604965 A1 20200205; EP 3604965 A4 20200325; CN 208750981 U 20190416; JP WO2018179136 A1 20191107; US 2020318853 A1 20201008; WO 2018179136 A1 20181004

DOCDB simple family (application)
EP 17903471 A 20170329; CN 201790000520 U 20170329; JP 2017012899 W 20170329; JP 2019508424 A 20170329; US 201716475913 A 20170329