

Title (en)

ROTARY BLADE STRUCTURE FOR CYLINDRICAL CABINET INDOOR UNIT AND CYLINDRICAL CABINET INDOOR UNIT

Title (de)

DREHFLÜGELSTRUKTUR FÜR ZYLINDERFÖRMIGE GEHÄUSEINNENEINHEIT SOWIE ZYLINDERFÖRMIGE GEHÄUSEINNENEINHEIT

Title (fr)

STRUCTURE DE LAME ROTATIVE POUR UNITÉ INTÉRIEURE D'ARMOIRE CYLINDRIQUE ET UNITÉ INTÉRIEURE D'ARMOIRE CYLINDRIQUE

Publication

EP 4030108 A1 20220720 (EN)

Application

EP 21193078 A 20210825

Priority

CN 202120126743 U 20210118

Abstract (en)

A rotary blade structure for a cylindrical cabinet indoor unit and a cylindrical cabinet indoor unit are provided. The rotary blade structure for the cylindrical cabinet indoor unit includes a shaft sleeve (1), a sweep blade (2) and an air-duct mounting frame (3). The sweep blade (2) is arranged at the air-duct mounting frame (3), both ends of the sweep blade (2) are rotatably connected with the air-duct mounting frame (3), and at least one of the both ends of the sweep blade (2) is rotatably connected with the air-duct mounting frame (3) through the shaft sleeve (1).

IPC 8 full level

F24F 1/005 (2019.01); **F24F 1/0011** (2019.01); **F24F 13/14** (2006.01)

CPC (source: EP)

F24F 1/0011 (2013.01); **F24F 1/005** (2019.02); **F24F 13/14** (2013.01)

Citation (search report)

- [YA] CN 106152459 B 20200522
- [Y] WO 2015192626 A1 20151223 - GD MIDEA AIR CONDITIONING EQUIPMENT CO LTD [CN], et al
- [Y] EP 3683509 A1 20200722 - GREE ELECTRIC APPLIANCES WUHAN CO LTD [CN], et al
- [Y] WO 2019174199 A1 20190919 - GREE ELECTRIC APPLIANCES WUHAN CO LTD [CN], et al

Cited by

CN115342512A

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)

DE 202021104682 U1 20210910; CN 214148145 U 20210907; EP 4030108 A1 20220720; EP 4030108 B1 20240403

DOCDB simple family (application)

DE 202021104682 U 20210831; CN 202120126743 U 20210118; EP 21193078 A 20210825