

Title (en)
SWING ASSEMBLY AND AIR CONDITIONING DEVICE

Title (de)
SCHWENKANORDNUNG UND KLIMATISIERUNGSVORRICHTUNG

Title (fr)
ENSEMBLE D'OSCILLATION ET DISPOSITIF DE CLIMATISATION

Publication
EP 3933292 A1 20220105 (EN)

Application
EP 20202531 A 20201019

Priority
CN 202021281023 U 20200702

Abstract (en)
The present disclosure provides a swing assembly and an air conditioning device provided with the swing assembly. The swing assembly includes a plurality of swing blades, a link, and a mounting plate. The plurality of swing blades are parallel to an extending direction of an air outlet, spaced apart in a length direction of the mounting plate, and all connected to the link. The link is configured to drive the swing blades to rotate around an axial direction. When the air comes from the air conditioner, the swing blade can change left and right directions of the airflow, and the air blown out from the air conditioner can have maximized coverage of the entire house and become soft to some extent, avoiding the direct blowing that makes a person feel uncomfortable.

IPC 8 full level
F24F 13/14 (2006.01); **F24F 1/0011** (2019.01)

CPC (source: EP)
F24F 1/0011 (2013.01); **F24F 13/06** (2013.01); **F24F 13/1426** (2013.01); **F24F 13/15** (2013.01); **F24F 2013/1473** (2013.01)

Citation (search report)

- [XYI] CN 107084436 A 20170822 - QINGDAO HAIER AIR CONDITIONER
- [X] CN 110296470 A 20191001 - QINGDAO HAIER AIR CONDITIONER, et al
- [X] CN 210602183 U 20200522 - GUANGDONG MIDEA REFRIGERATION EQUIPMENT CO LTD, et al
- [X] CN 203744489 U 20140730 - GUANGDONG MEDIA REFRIGERATION EQUIPMENT CO LTD
- [X] JP 2015187526 A 20151029 - AZBIL CORP
- [Y] CN 111306767 A 20200619 - TCL AIR CONDITIONER ZHONGSHAN

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 202020106016 U1 20201109; CN 211526692 U 20200918; EP 3933292 A1 20220105; EP 3933292 B1 20240103

DOCDB simple family (application)
DE 202020106016 U 20201021; CN 202021281023 U 20200702; EP 20202531 A 20201019