

Title (en)
AIR GUIDE ASSEMBLY AND AIR CONDITIONER PROVIDED WITH SAME

Title (de)
LUFTFÜHRUNGSANORDNUNG UND KLIMAAANLAGE DAMIT

Title (fr)
ENSEMBLE DE GUIDAGE D'AIR ET CLIMATISEUR POURVU DE CELUI-CI

Publication
EP 3767195 A4 20211208 (EN)

Application
EP 18901809 A 20180831

Priority
• CN 201810214489 A 20180315
• CN 2018103557 W 20180831

Abstract (en)
[origin: EP3767195A1] The present disclosure provides an air deflector assembly and an air conditioner with the air deflector assembly, it includes a first driving portion, a second driving portion, an air deflector portion and an air sweeping portion, the first driving portion is connected to the air deflector portion, and the air deflector portion driven by the first driving portion is rotatably arranged; the air sweeping portion is located on a side of the air deflector portion, the second driving portion is connected to the air sweeping portion, and the air sweeping portion driven by the second driving portion is rotatably arranged; wherein the air sweeping portion includes an air sweeping connecting rod, the air sweeping connecting rod includes a rod body portion and a snap assembly, the rod body portion is connected to the air deflector portion, the snap assembly is provided at an end portion of the rod body portion, and the snap assembly is snap-fitted with the second driving portion. By arranging the snap assembly on the air sweeping connecting rod of the air sweeping portion and snap-fitted the snap assembly with the second driving portion, the separation of the air sweeping portion from the air deflector portion is realized, so that the service life of the portions is extended, the assembly reliability of the air deflector assembly is enhanced, the production efficiency is improved, and the cost of the whole machine is decreased.

IPC 8 full level
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CPC (source: CN EP)
F24F 1/0011 (2013.01 - EP); **F24F 13/1426** (2013.01 - CN EP); **F24F 13/15** (2013.01 - CN EP)

Citation (search report)
• [XAYI] CN 103528175 A 20140122 - TCL AIR CONDITIONER ZHONGSHAN CO LTD
• [Y] CN 102124278 A 20110713 - TOSHIBA CARRIER CORP
• [A] KR 100399856 B1 20030929
• [A] JP H0953854 A 19970225 - DAIKIN IND LTD
• [A] CN 202928039 U 20130508 - GUANGDONG MIDEA ELECTRICAL APPLIANCE CO LTD
• See references of WO 2019174199A1

Designated contracting state (EPC)
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