

Title (en)

AIR DEFLECTOR ASSEMBLY, AIR GUIDE MECHANISM, AIR OUTLET DEVICE AND AIR CONDITIONER

Title (de)

LUFTABLENKUNGSVORRICHTUNG, LUFTFÜHRUNGSMECHANISMUS, LUFTAUSSLASSVORRICHTUNG UND KLIMAAANLAGE

Title (fr)

ENSEMBLE DÉFLECTEUR D'AIR, MÉCANISME DE GUIDAGE D'AIR, DISPOSITIF DE SORTIE D'AIR ET CLIMATISEUR

Publication

**EP 3450869 A4 20190508 (EN)**

Application

**EP 17788732 A 20170424**

Priority

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- CN 201610390786 A 20160601
- CN 2017081662 W 20170424

Abstract (en)

[origin: EP3450869A1] Disclosed is an air deflector assembly provided at an air outlet of an air conditioner, comprising: a first air deflector and a second air deflector. The first air deflector is rotatably arranged and configured to guide outlet airflow of the air conditioner to sweep up and down. The second air deflector is provided at a top of the air outlet of the air conditioner. The second air deflector is located above the first air deflector. The second air deflector guides the outlet airflow to flow only towards the ground. Further disclosed are an air guiding mechanism including the air deflector assembly, an air blowing device and an air conditioner. The air deflector assembly effectively solves the problem existing in the prior art air conditioner that the outlet air cannot always flow towards the ground and the landing effect of the outlet air is poor.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [XAI] KR 20050018208 A 20050223 - LG ELECTRONICS INC
- [XI] KR 101500506 B1 20150309 - LG ELECTRONICS INC [KR]
- [YA] CN 203857634 U 20141001 - WUHAN REFRIGERATION EQUIPMENT CO LTD OF MIDEA GROUP
- [Y] CN 205156147 U 20160413 - GREE ELECTRIC APPLIANCES INC ZHUHAI
- See references of WO 2017186080A1

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CN111121161A

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

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**EP 3450869 A1 20190306**; **EP 3450869 A4 20190508**; **EP 3450869 B1 20211208**; KR 102341500 B1 20211221; KR 20180136489 A 20181224; WO 2017186080 A1 20171102

DOCDB simple family (application)

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