

Title (en)

WIND GUIDE PLATE MOVING DEVICE AND FAN

Title (de)

WINDLEITPLATTENBEWEGUNGSVORRICHTUNG UND LÜFTER

Title (fr)

DISPOSITIF DE DÉPLACEMENT DE PLAQUE DE GUIDAGE DE VENT ET VENTILATEUR

Publication

EP 3792501 A4 20210811 (EN)

Application

EP 18935391 A 20181225

Priority

- CN 201811159191 A 20180930
- CN 2018123271 W 20181225

Abstract (en)

[origin: EP3792501A1] The present invention discloses an air deflector motion device and a fan. The air deflector motion device includes a air deflector (1) and a air outlet frame (2). The air deflector (1) is hinged to the air outlet frame (2) by a first rotating shaft (3). The air deflector motion device further includes a driving assembly hinged to the air deflector (1) by a second rotating shaft (4). The driving assembly is preset with a driving range, and the driving assembly drives the air deflector (1) to rotate around the first rotating shaft (3) in the driving range, so that the center of gravity of the air deflector (1) is located at the side, close to the second rotating shaft (4), of the first rotating shaft (3), or the center of gravity of the air deflector (1) is located above or below the first rotating shaft (3) in the vertical direction. The fan provided with the air deflector motion device can be prevented from suddenly shaking, thereby ensuring the fluency of operation of the air deflector.

IPC 8 full level

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CPC (source: CN EP)

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Citation (search report)

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- [Y] EP 2557367 A2 20130213 - MITSUBISHI ELECTRIC CORP [JP]
- [Y] EP 2772700 A1 20140903 - TROX GMBH GEB [DE]
- See references of WO 2020062659A1

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CN114413463A

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

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BA ME

DOCDB simple family (publication)

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