

Title (en)

VOLUTE FAN ASSEMBLY STRUCTURE AND FLOOR-STANDING AIR CONDITIONER

Title (de)

SPIRALFÖRMIGE VENTILATORANORDNUNGSSTRUKTUR UND BODENSTEHENDE KLIMAAANLAGE

Title (fr)

STRUCTURE D'ENSEMBLE VENTILATEUR À VOLUTE ET CLIMATISEUR POSÉ SUR LE SOL

Publication

EP 3348840 A1 20180718 (EN)

Application

EP 16843633 A 20160906

Priority

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- CN 2016098203 W 20160906

Abstract (en)

A volute fan combination structure, comprises a mounting plate (4) and at least two adjacent volute fans mounted on the mounting plate (4), one volute fan of the two adjacent volute fans has an intermediate inclined air outlet that located between the two adjacent volute fans, the intermediate inclined air outlet extending such as to be inclined towards a direction away from said mounting plate (4). The volute fan combination structure is capable of allowing that the air outlet of a second volute fan (2) is staggered from a first volute fan (1) and a third volute fan (3), so as to reduce disturbance. There is further provided with a vertical air conditioner having the aforementioned volute fan combination structure.

IPC 8 full level

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CPC (source: EP KR)

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Cited by

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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EP 16843633 A 20160906; CN 201510579262 A 20150911; CN 2016098203 W 20160906; ES 16843633 T 20160906; JP 2017566146 A 20160906; JP 2019004940 U 20191226; KR 20177036311 A 20160906