

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

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Application

EP 16843638 A 20160906

Priority

- CN 201510579470 A 20150911
- CN 2016098213 W 20160906

Abstract (en)

[origin: EP3348841A1] The disclosure discloses a combined volute blower structure, including a mounting plate (4) and at least two adjacent volute blowers mounted on the mounting plate (4), wherein one volute blower in the two adjacent volute blowers is provided with a middle air outlet positioned between the two adjacent volute blowers, and compared with the other volute blower, the volute blower with the middle air outlet is positioned in front in a front-back direction perpendicular to the mounting plate. The combined volute blower structure may stagger an air outlet of a second volute blower (2) from a first volute blower (1) and a third volute blower (3) to reduce interference. In addition, the disclosure further provides a vertical air conditioner with the combined volute blower structure.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] WO 9856226 A1 19981210 - SYMBIOS INC [US]
- [Y] CN 104776575 A 20150715 - ZHUHAI GREE ELEC APPLIANCES
- [Y] CN 202973363 U 20130605 - ZHUHAI GREE ELEC APPLIANCES
- See references of WO 2017041700A1

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CN114110792A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 3348841 A1 20180718; **EP 3348841 A4 20190515**; **EP 3348841 B1 20200527**; CN 105156345 A 20151216; CN 105156345 B 20180622; WO 2017041700 A1 20170316

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