

Title (en)

Double entry radial fan for an extractor hood

Title (de)

Doppelflutiges Radialgebläse für eine Dunstabzugshaube

Title (fr)

Ventilateur radial à double admission pour hotte aspirante

Publication

EP 2778425 B1 20161019 (DE)

Application

EP 14156132 A 20140221

Priority

DE 102013204085 A 20130311

Abstract (en)

[origin: EP2778425A1] The blower (2) has a spiral housing (3) comprising two releasably interconnected housing halves (4, 5), where each of the housing halves is arranged with an inlet (6) having a fan (13) that is accommodated in the spiral housing. A blower motor (36) e.g. brushless direct current motor, is arranged to drive the fan, and a motor suspension (31) is arranged to support the fan motor inside of fan. The motor suspension is arranged to support the blower motor on only one housing half and at one air inlet whose delimiting edge is flanged. An independent claim is also included for a method for assembly of a twin-channel centrifugal blower.

IPC 8 full level

F04D 25/06 (2006.01); **F04D 17/16** (2006.01); **F04D 29/28** (2006.01); **F04D 29/42** (2006.01); **F04D 29/62** (2006.01)

CPC (source: EP)

F04D 17/162 (2013.01); **F04D 25/0613** (2013.01); **F04D 29/424** (2013.01); **F04D 29/626** (2013.01)

Cited by

CN108443189A; ITUA20162311A1; CN105257582A; EP3722676A1

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