

Title (en)

Vibration damped electric fan

Title (de)

Schwingungsgedämpfter elektrischer Ventilator

Title (fr)

Dispositif d'amortissement pour un ventilateur électrique

Publication

EP 1793126 A3 20100630 (EN)

Application

EP 06256134 A 20061130

Priority

- GB 0524425 A 20051130
- GB 0606691 A 20060403

Abstract (en)

[origin: EP1793126A2] A fan (1) for mounting in a duct (12), comprising: an outer support (3) which in use fits in the duct; an inner support (4) separated from the outer support by at least one radial member such that an airflow passage is formed between the inner and outer supports; and a motor (5) mounted in vibration damping manner to the inner support, wherein the motor is mounted on at least one central axial shaft (9) and the at least one shaft is mounted in vibration damping manner to the inner support.

IPC 8 full level

F04D 29/60 (2006.01); **F04D 29/54** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)

F04D 29/545 (2013.01); **F04D 29/601** (2013.01); **F04D 29/668** (2013.01)

Citation (search report)

- [AD] WO 0154252 A1 20010726 - BOSCH GMBH ROBERT [DE], et al
- [A] US 6329730 B1 20011211 - NECKERMANN MARCUS [DE], et al
- [A] JP 2005076585 A 20050324 - EBARA DENSAN LTD
- [A] US 2749024 A 19560605 - KARL WILFERT

Cited by

US2014037444A1; CN112864864A; GB2580604A; ES2769475A1; EP2098733A3; RU186204U1; EP2012412A4; WO2017181565A1; WO2020128123A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 06256134 A 20061130; AU 2006246463 A 20061129; NZ 55168206 A 20061129; PL 06256134 T 20061130