

Title (en)

Vibration damped electric fan

Title (de)

Schwingungsgedämpfter elektrischer Ventilator

Title (fr)

Dispositif d'amortissement pour un ventilateur électrique

Publication

EP 1793126 B1 20181024 (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 (examination)

- US 3143284 A 19640804 - NAPOLEON LINDSJO ANDERS FOLKE, et al
- DE 4240776 C1 19940317 - DAIMLER BENZ AG [DE]

Cited by

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

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DOCDB simple family (publication)

EP 1793126 A2 20070606; **EP 1793126 A3 20100630**; **EP 1793126 B1 20181024**; AU 2006246463 A1 20070614; NZ 551682 A 20080430; PL 1793126 T3 20190329

DOCDB simple family (application)

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