

Title (en)  
An Axial Fan

Title (de)  
Axiallüfter

Title (fr)  
Ventilateur axial

Publication  
**EP 2592281 A1 20130515 (EN)**

Application  
**EP 12195103 A 20081215**

Priority  
• GB 0724355 A 20071214  
• EP 08861453 A 20081215

Abstract (en)  
An axial fan has a motor and an impeller housed within an outer casing, the fan further comprising a mounting assembly for mounting said motor within said casing. At least one elongate vane extends between the inner wall of the casing and the motor and is connected to the motor by means of a connector assembly comprising means for connecting said vane to said motor at a selected one of a plurality of distances from said impeller. In one embodiment, this can be achieved by means of a plurality of discrete mounting holes defining the respective distances.

IPC 8 full level  
**F04D 25/08** (2006.01); **F04D 29/54** (2006.01); **F04D 29/56** (2006.01); **F04D 29/64** (2006.01)

CPC (source: EP GB)  
**F04D 25/06** (2013.01 - GB); **F04D 25/08** (2013.01 - EP GB); **F04D 25/10** (2013.01 - GB); **F04D 25/12** (2013.01 - GB);  
**F04D 29/542** (2013.01 - EP GB); **F04D 29/544** (2013.01 - EP); **F04D 29/563** (2013.01 - EP GB); **F04D 29/646** (2013.01 - EP)

Citation (search report)  
• [A] US 2003133815 A1 20030717 - GRANT ALAN PETER [CA]  
• [A] US 3790114 A 19740205 - ITALIANO F, et al  
• [A] GB 1330620 A 19730919 - TROX GMBH GEB  
• [A] US 2005186070 A1 20050825 - ZENG LING-ZHONG [US], et al  
• [A] GB 723798 A 19550209 - VOITH GMBH J M

Cited by  
KR102156631B1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**GB 0724355 D0 20080130**; **GB 2455553 A 20090617**; **GB 2455553 B 20121024**; EP 2225468 A2 20100908; EP 2225468 B1 20130925;  
EP 2592281 A1 20130515; EP 2592281 B1 20151028; ES 2561717 T3 20160229; PL 2592281 T3 20160729; WO 2009077737 A2 20090625;  
WO 2009077737 A3 20090820

DOCDB simple family (application)  
**GB 0724355 A 20071214**; EP 08861453 A 20081215; EP 12195103 A 20081215; ES 12195103 T 20081215; GB 2008004131 W 20081215;  
PL 12195103 T 20081215