

Title (en)  
MOTOR MOUNTING ASSEMBLY FOR AN AXIAL FAN

Title (de)  
MOTORBEFESTIGUNGSANORDNUNG FÜR EINEN AXIALLÜFTER

Title (fr)  
ENSEMBLE DE SUPPORT MOTEUR POUR VENTILATEUR AXIAL

Publication  
**EP 2225468 B1 20130925 (EN)**

Application  
**EP 08861453 A 20081215**

Priority  
• GB 2008004131 W 20081215  
• GB 0724355 A 20071214

Abstract (en)  
[origin: GB2455553A] An axial flow fan comprises a motor 38 arranged within an outer casing 30 and mounted thereto by at least one support arm 40, the, or each, support arm 40 comprising an elongate vane extending between the motor 38 and an inner wall of the casing 30. A connection between the, or each, vane 40 and the motor 38 may allow the angle of the vane 40 to be varied with respect to the direction of air flow through the fan. The connection may comprise an arcuate slot defining a plurality of angular orientations at which the vane 40 may be mounted. The angle of the profile of the, or each, vane 40 may vary along its length, the vane 40 preferably being twisted. There may be means provided to connect the, or each, vane 40 to the motor at a plurality of distances from an impeller 34 of the fan.

IPC 8 full level  
**F04D 29/56** (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)

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