

Title (en)  
VENTILATION DEVICE

Title (de)  
VENTILATIONSVORRICHTUNG

Title (fr)  
DISPOSITIF DE VENTILATION

Publication  
**EP 2828533 B1 20190410 (FR)**

Application  
**EP 13714245 A 20130322**

Priority  

- FR 1252593 A 20120322
- EP 2013056150 W 20130322

Abstract (en)  
[origin: WO2013139982A1] The invention concerns a ventilation device comprising a fan propeller (3) and a motor (5) with an external rotor (7b) for driving said propeller (3), said propeller (3) comprising a central hub (11) having a front wall (17) and an inner side wall (21) defining a reception housing for the external rotor (7b), and the external rotor (7b) having a front portion (9) and a side wall (9") arranged bearing against the inner side wall (21) of the central hub (11). According to the invention, said device further comprises means (27) for latching the external rotor (7b) to the central hub (11) carried by the central hub (11) and by the external rotor (7b).

IPC 8 full level  
**F04D 25/06** (2006.01); **F04D 29/32** (2006.01); **F04D 29/64** (2006.01)

CPC (source: CN EP US)  
**F04D 19/002** (2013.01 - US); **F04D 25/06** (2013.01 - US); **F04D 25/0613** (2013.01 - CN EP US); **F04D 25/08** (2013.01 - US);  
**F04D 29/329** (2013.01 - CN EP US); **F04D 29/646** (2013.01 - CN EP US); **F24F 7/007** (2013.01 - US)

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

DOCDB simple family (publication)  
**WO 2013139982 A1 20130926**; CN 104641119 A 20150520; CN 104641119 B 20170524; EP 2828533 A1 20150128; EP 2828533 B1 20190410;  
FR 2988338 A1 20130927; FR 2988338 B1 20150508; US 2015078937 A1 20150319; US 9835175 B2 20171205

DOCDB simple family (application)  
**EP 2013056150 W 20130322**; CN 201380024441 A 20130322; EP 13714245 A 20130322; FR 1252593 A 20120322;  
US 201314386413 A 20130322