

Title (en)  
HOUSING FOR AN AXIAL VENTILATOR

Title (de)  
GEHÄUSE FÜR EINEN AXIALVENTILATOR

Title (fr)  
BOÎTIER POUR UN VENTILATEUR AXIAL

Publication  
**EP 2904270 A1 20150812 (DE)**

Application  
**EP 13717754 A 20130412**

Priority  
• EP 12187622 A 20121008  
• EP 2013057667 W 20130412  
• EP 13717754 A 20130412

Abstract (en)  
[origin: EP2716915A1] The housing has an outer diffuser (6) formed from two partial ring sections, which are connected at an outer circumferential surface by a mechanical connecting unit. A holder is formed from multiple bars (14), which are fastened at an inner circumferential surface of the outer diffuser with an end and circumferentially spaced at a distance from each other. The bars are fastened in an edge region of an inflow opening (7). The bars are mounted at a motor flange (16) of a motor housing (17) of an electric motor (9) with another end. An inner diffuser (26) is arranged within the outer diffuser. The outer diffuser is made of plastic.

IPC 8 full level  
**F04D 19/00** (2006.01); **F04D 25/08** (2006.01); **F04D 29/54** (2006.01); **F04D 29/64** (2006.01); **F04D 29/66** (2006.01); **F04D 29/70** (2006.01); **F24F 7/007** (2006.01); **F24F 13/02** (2006.01); **F24F 13/20** (2006.01)

CPC (source: CN EP US)  
**F04D 19/002** (2013.01 - CN EP US); **F04D 25/08** (2013.01 - CN EP US); **F04D 29/325** (2013.01 - US); **F04D 29/545** (2013.01 - CN EP US); **F04D 29/646** (2013.01 - CN EP US); **F04D 29/663** (2013.01 - CN EP US); **F04D 29/703** (2013.01 - EP US); **F24F 7/007** (2013.01 - CN EP US); **F24F 13/20** (2013.01 - CN EP US); **F05D 2250/294** (2013.01 - EP US)

Citation (search report)  
See references of WO 2014056630A1

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**EP 2716915 A1 20140409; EP 2716915 B1 20150318**; CN 104755764 A 20150701; CN 104755764 B 20170308; EP 2904270 A1 20150812; EP 2904270 B1 20190227; ES 2537709 T3 20150611; HU E026127 T2 20160530; PT 2716915 E 20150707; US 10107306 B2 20181023; US 2015267716 A1 20150924; WO 2014056630 A1 20140417

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