

Title (en)
Housing for an axial ventilator

Title (de)
Gehäuse für einen Axialventilator

Title (fr)
Boîtier pour un ventilateur axial

Publication
EP 2716915 B1 20150318 (DE)

Application
EP 12187622 A 20121008

Priority
EP 12187622 A 20121008

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); **F24F 7/007** (2006.01); **F24F 13/02** (2006.01); **F24F 13/20** (2006.01); **F16B 21/08** (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)

Cited by
CN108332399A; CN104763658A; US11454416B2; WO2019169812A1

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DOCDB simple family (publication)
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