

Title (en)

Fan rotor and fan, particularly a radial fan

Title (de)

Lüfterrad sowie Lüfter, insbesondere Radiallüfter

Title (fr)

Rotor ventilateur et ventilateur, en particulier ventilateur radial

Publication

EP 1258636 B1 20040526 (DE)

Application

EP 02004839 A 20020304

Priority

DE 20108218 U 20010516

Abstract (en)

[origin: EP1258636A1] A ventilator fan unit has a housing at the centre of which is an electric motor with an upright shaft. In plan view the housing has a ring-shaped outer panel which translates at approx. the mid-point to a shallow V-shaped ring with flange at the centre of which is the motor housing. The motor stands proud of the ring. The ring has a number of drain hole detents at the interface between the motor housing and the ring flange.

IPC 1-7

F04D 29/28; F04D 29/70; F04D 25/06

IPC 8 full level

F04D 25/06 (2006.01); **F04D 29/28** (2006.01); **F04D 29/70** (2006.01)

CPC (source: EP)

F04D 25/0613 (2013.01); **F04D 29/282** (2013.01); **F04D 29/701** (2013.01)

Cited by

CN102192177A; US2019195235A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1258636 A1 20021120; **EP 1258636 B1 20040526**; AT E267959 T1 20040615; DE 20108218 U1 20020926; DE 50200474 D1 20040701; ES 2220845 T3 20041216; HK 1049687 A1 20030523; HK 1049687 B 20041217

DOCDB simple family (application)

EP 02004839 A 20020304; AT 02004839 T 20020304; DE 20108218 U 20010516; DE 50200474 T 20020304; ES 02004839 T 20020304; HK 03101788 A 20030312