

Title (en)

Electric motor driven blower

Title (de)

Elektromotorisch betriebenes Gebläse

Title (fr)

Soufflante entraînée par un moteur électrique

Publication

**EP 1382857 A3 20040908 (DE)**

Application

**EP 03014027 A 20030623**

Priority

DE 10232730 A 20020719

Abstract (en)

[origin: EP1382857A2] The electric motor (3) has a stator (4) and a rotor (5), a fan wheel (7) joined to the rotor and an associated fixed diffuser (9). The fan wheel and diffuser are enclosed by a centrally open cap (1). A sound damping element (17) associated with the diffuser is arranged inside the cap. The damping element is arranged in a crease-shaped impression in the cap at the end of the motor.

IPC 1-7

**F04D 29/66**; **F04D 25/08**

IPC 8 full level

**F04D 25/08** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)

**F04D 25/082** (2013.01); **F04D 29/5806** (2013.01); **F04D 29/664** (2013.01)

Citation (search report)

- [X] DE 1037291 B 19580821 - BAIER WILHELM KG
- [AD] EP 0385298 A2 19900905 - HITACHI LTD [JP]
- [AD] DE 19606146 A1 19970821 - VORWERK CO INTERHOLDING [DE]
- [AD] DE 2354126 A1 19750430 - PHONOTHERM LAERM UND ERSCHUETT

Cited by

CN101832282A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1382857 A2 20040121**; **EP 1382857 A3 20040908**; **EP 1382857 B1 20080723**; AT E402345 T1 20080815; DE 10232730 A1 20040205; DE 50310184 D1 20080904; ES 2305370 T3 20081101

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**EP 03014027 A 20030623**; AT 03014027 T 20030623; DE 10232730 A 20020719; DE 50310184 T 20030623; ES 03014027 T 20030623