

Title (en)
FAN

Title (de)
GEBLÄSE

Title (fr)
VENTILATEUR

Publication
EP 1144872 A1 20011017 (DE)

Application
EP 00974292 A 20000905

Priority

- DE 0003042 W 20000905
- DE 19951369 A 19991026

Abstract (en)
[origin: DE19951369A1] The invention relates to a fan (10) comprising an electromotor (52). A radial blower wheel (30) is mounted on the motor shaft (40) of the electromotor. The fan housing (14) is provided with an inlet (24) in a wall (20) on the front face. Air is suctioned into the inlet. A sound absorber (12) joins the inlet. The housing (16) of the sound absorber is fixed to the housing (14) of the fan by means of fixing elements. A mutual front wall (20) is provided between the housing (16) and the housing (14) of the fan. According to the invention, the housing (16) of the sound absorber (12) forms the front wall (20) of the housing (14) pertaining to the fan and defines the chamber (28) for the blower wheel (30).

IPC 1-7
F04D 29/66

IPC 8 full level
F04D 29/00 (2006.01); **F04D 29/42** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP KR US)
F04D 29/66 (2013.01 - KR); **F04D 29/663** (2013.01 - EP US)

Citation (search report)
See references of WO 0131204A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
DE 19951369 A1 20010510; BR 0007258 A 20011030; DE 50012919 D1 20060720; EP 1144872 A1 20011017; EP 1144872 B1 20060607;
JP 2003513201 A 20030408; KR 20010099894 A 20011109; US 6561759 B1 20030513; WO 0131204 A1 20010503

DOCDB simple family (application)
DE 19951369 A 19991026; BR 0007258 A 20000905; DE 0003042 W 20000905; DE 50012919 T 20000905; EP 00974292 A 20000905;
JP 2001533319 A 20000905; KR 20017007953 A 20010622; US 86800301 A 20010612