

Title (en)  
Blower for gas premix burner

Title (de)  
Brennergebläse für Gas-Vormischbrenner

Title (fr)  
Ventilateur pour brûleur à prémélange opérant au gaz

Publication  
**EP 0657692 B1 20000202 (DE)**

Application  
**EP 94119088 A 19941203**

Priority  
DE 4341340 A 19931206

Abstract (en)  
[origin: EP0762051A2] The blower (50) arranged in a combustion chamber has a drive motor fixed to the blower housing (5). The motor, e.g. a collectorless external rotor motor, is connected to a blower electronics arranged on a printed circuit board. The circuit board includes openings (6) for drawing the air toward the electronics carrier (57) which is fixed to the stator (60) of the motor. A circular aperture (69) is provided between the inner edge of the PCB and a bearing carrier tube (52), to pass the air from the circular chamber (67) to the centre of the blower wheel.

IPC 1-7  
**F23D 14/36**; **F23D 14/62**; **F23D 14/02**

IPC 8 full level  
**F04D 25/06** (2006.01); **F23D 14/02** (2006.01); **F23D 14/36** (2006.01); **F23D 14/62** (2006.01); **F23D 14/82** (2006.01)

CPC (source: EP US)  
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**DE 4443045 A1 19950608**; AT E183300 T1 19990815; AT E189513 T1 20000215; DE 59408625 D1 19990916; DE 59409120 D1 20000309;  
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