

Title (en)  
Fan for combustion air

Title (de)  
Gebläse für Verbrennungsluft

Title (fr)  
Ventilateur pour l'air comburant

Publication  
**EP 1243857 B1 20051214 (DE)**

Application  
**EP 02001432 A 20020121**

Priority  
DE 10114405 A 20010323

Abstract (en)  
[origin: EP1243857A1] A method and device for adjusting the air ratio of a gaseous fuel/air mixture for operating a burner (18) comprises measuring the mass flow (7) and the Wobbe (viscosity) index of the fuel (5), measuring the mass flow of the air (13) and controlling a mass flow on the basis of these values to give the predetermined value of lambda. An Independent claim is also included for a device for the above method having flow sensors and a data unit to regulate the fuel flow through a dosing valve.

IPC 1-7  
**F23N 5/18**; **F23D 14/60**

IPC 8 full level  
**F04D 29/42** (2006.01); **F23D 14/60** (2006.01); **F23N 1/02** (2006.01); **F23N 5/18** (2006.01)

CPC (source: EP)  
**F04D 29/4213** (2013.01); **F04D 29/4226** (2013.01); **F23D 14/60** (2013.01); **F23N 1/022** (2013.01); **F23N 5/184** (2013.01); **F23N 2005/181** (2013.01); **F23N 2005/185** (2013.01); **F23N 2221/10** (2020.01); **F23N 2233/08** (2020.01)

Cited by  
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