

Title (en)

Method for regulating the flow of combustion air in a fuel-heated heat source.

Title (de)

Verfahren zum Regeln des Verbrennungsluftdurchsatzes für eine brennstoffbeheizte Wärmequelle.

Title (fr)

Méthode de régulation du débit d'air de combustion pour une source de chaleur chauffée au carburant.

Publication

**EP 0279771 B1 19941214 (DE)**

Application

**EP 88730029 A 19880206**

Priority

DE 3703839 A 19870207

Abstract (en)

[origin: EP0279771A1] Method for regulating the fuel air flow for a gas-fired water heater, with a fan, the drive motor of which is of variable speed, a constant actual-value indicator for the air flow and with a device for switching off the gas supply in the event of the air flow falling below a minimum, the difference (50) being formed according to the invention between the actual value (35) of the air flow and a switch- off threshold (US), and the speed of the fan motor (24) being increased when the difference falls below and reduced when it exceeds a presetable value. <IMAGE>

IPC 1-7

**F23N 1/04**

IPC 8 full level

**F23N 1/04** (2006.01); **F23N 5/18** (2006.01)

CPC (source: EP)

**F23N 1/042** (2013.01); **F23N 5/18** (2013.01); **F23N 2225/18** (2020.01); **F23N 2233/04** (2020.01); **F23N 2235/16** (2020.01)

Cited by

GB2304878A; EP1002998A3; US5557182A; EP0612960A1; US5418438A

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0279771 A1 19880824**; **EP 0279771 B1 19941214**; AT E115710 T1 19941215; DE 3852407 D1 19950126

DOCDB simple family (application)

**EP 88730029 A 19880206**; AT 88730029 T 19880206; DE 3852407 T 19880206