

Title (en)

Control device for a gas power burner

Title (de)

Regelvorrichtung für einen Gasgebläsebrenner

Title (fr)

Dispositif de régulation pour un brûleur à soufflant à gaz

Publication

**EP 0724117 B1 19980708 (DE)**

Application

**EP 95114195 A 19950909**

Priority

CH 24395 A 19950130

Abstract (en)

[origin: EP0724117A1] The gas regulating valve (1) has a valve seating (6) and a relatively movable valve disc (7) upon which a spring (17) acts connected to an adjustment (16). The temperature of the gas flowing through the gas regulating valve affects the position of the gas regulating valve so that any change in the gas temperature produces a change in the effective throttle cross-section which is obtained by the distance between the valve disc and seating. A higher gas temperature enlarges the cross-section. A coupling (18) containing a bimetallic element (20) acting upon the valve disc is positioned in the gas current inside the gas regulating valve.

IPC 1-7

**F23N 1/02**; **F23N 5/04**

IPC 8 full level

**F23N 1/02** (2006.01); **F23N 5/04** (2006.01)

CPC (source: EP)

**F23N 1/027** (2013.01); **F23N 5/047** (2013.01); **F23N 2225/04** (2020.01); **F23N 2225/21** (2020.01); **F23N 2233/06** (2020.01); **F23N 2235/20** (2020.01); **F23N 2235/24** (2020.01)

Cited by

WO2008047289A3

Designated contracting state (EPC)

CH DE FR GB LI NL

DOCDB simple family (publication)

**EP 0724117 A1 19960731**; **EP 0724117 B1 19980708**; DE 59502756 D1 19980813

DOCDB simple family (application)

**EP 95114195 A 19950909**; DE 59502756 T 19950909