

Title (en)

Actuator for the two-stage power regulation of a gas power burner.

Title (de)

Stellorgan für die zweistufige Leistungsregelung von Gas-Gebläsebrenner.

Title (fr)

Dispositif de manoeuvre pour la régulation de puissance à deux étages d'un brûleur soufflant à gaz.

Publication

EP 0495358 B1 19950301 (DE)

Application

EP 92100080 A 19920104

Priority

DE 4101260 A 19910117

Abstract (en)

[origin: EP0495358A2] The actuator for the two-stage power regulation of gas power burners is formed by a mixer which is connected upstream of the burner and contains a chamber, into which an air supply and a fuel gas supply open and from which mixing holes of a chamber wall, which is designed as a perforated mixer, lead to the mixture outlet of the mixer. The chamber contains a throttle member which is displaceable in relation to the perforated chamber wall and can be displaced from a full-load position which exposes the mixing holes of the perforated chamber wall into a part-load position, in which the mixing holes of the perforated chamber wall are partially covered by throttle member except for a predetermined smaller passage cross-section which is defined by throttle openings of the throttle member. In the part-load position of the throttle member, a shut-off member, which is displaceable together with the throttle member, closes an additional gas quantity outlet of a gas nozzle forming the opening of the gas supply into the chamber. <IMAGE>

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CPC (source: EP)

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