

Title (en)
REGULATING DEVICE FOR A GAS BURNER

Title (de)
REGELEINRICHTUNG FÜR GASBRENNER

Title (fr)
SYSTEME DE REGULATION POUR BRULEUR A GAZ

Publication
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Application
EP 99927777 A 19990527

Priority
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• EP 9903671 W 19990527

Abstract (en)
[origin: WO9963273A1] Regulating devices for gas burners are used to provide a gas/air mixture for a burner. Regulating devices are also known which have a variable transmission ratio between gas pressure and combustion air pressure or gas flow and combustion air flow. The required measurement of pressure in all known regulating devices is carried out pneumatically. The inventive regulating device has a sensor (19) that generates an electrical or electronic signal (22) and that is arranged between a first line guiding the gas flow and a second line (14) guiding a combustion air flow. The regulating device is also fitted with a summation device (26) that calculates the electrical or electronic signal (22) of the sensor (19) using an auxiliary signal (27). A regulating signal (24) generated from an output signal (30) of the summation device (26) is used to alter the gas flow.

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Cited by
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