

Title (en)
REGULATING DEVICE FOR GAS BURNERS

Title (de)
REGELEINRICHTUNG FÜR GASBRENNER

Title (fr)
DISPOSITIF DE REGULATION POUR BRULEUR DE GAZ

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Application
EP 00934993 A 20000509

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• EP 0004126 W 20000509

Abstract (en)
[origin: US6579087B1] The invention relates to a control means for gas burners. Control means for gas burners are used for supplying a gas flow and a combustion air flow to a burner. In this procedure, the gas flow is adjustable in dependence on the combustion air pressure. In the case of known control means, pressure measurement is effected by means of a diaphragm, i.e. pneumatically. This pneumatic pressure measurement restricts the scope of application of known control means. In the case of the control means according to the invention, there is provided a sensor (16) which generates an electric or electronic signal 19 which is used for adjusting the gas valve 11 (FIG. 1).

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See references of WO 0070267A1

Cited by
EP2685169A1; EP2966354A1; EP2829803A1; EP2685167A1; EP2685168A1; EP2363642A1; EP3477201A1; WO2019081464A1; EP2685168B1; EP2405198A1; EP2623865A1

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