

Title (en)  
Control method for gas burner

Title (de)  
Regelungsverfahren für Gasbrenner

Title (fr)  
Procédé de commande pour un brûleur à gaz

Publication  
**EP 0962703 A3 20021030 (DE)**

Application  
**EP 99110256 A 19990527**

Priority  
DE 19824523 A 19980602

Abstract (en)  
[origin: EP0962703A2] An ionization signal from a sensor is used to adapt the gas-air mixture to different grades of gas. The ionization signal is used solely in an area near a burner's full-load operation for adjusting a transmission ratio. Outside the full-load operational area the gas-air mixture is regulated in relation to the transmission ratio. The area of the first operational stage is between 60 and 100% of the burner's full-load operation.

IPC 1-7  
**F23N 5/12**

IPC 8 full level  
**F23N 5/12** (2006.01)

CPC (source: EP)  
**F23N 5/123** (2013.01); **F23N 2227/20** (2020.01)

Citation (search report)  
• [A] DE 19502900 A1 19960801 - STIEBEL ELTRON GMBH & CO KG [DE]  
• [A] DE 29612014 U1 19960905 - BUDERUS HEIZTECHNIK GMBH [DE]  
• [A] DE 19618573 C1 19970626 - STIEBEL ELTRON GMBH & CO KG [DE]

Cited by  
EP1515089A3; NL1015797C2; US7344373B2; WO0155643A1; WO0214744A1; EP2667097A1; US6783355B2; EP2631541A1

Designated contracting state (EPC)  
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