

Title (en)  
Method for controlling gas burners

Title (de)  
Regelungsverfahren für Gasbrenner

Title (fr)  
Procédé pour commander des brûleurs

Publication  
**EP 1215440 A3 20040630 (DE)**

Application  
**EP 01129735 A 20011213**

Priority  
DE 10062844 A 20001215

Abstract (en)  
[origin: EP1215440A2] Regulation of the fuel mixture ratio for a gas burner in which, during burner start-up, the rate of increase of the ionization signal is measured and compared with a reference value. When the rate of increase of the ionization signal varies by a predetermined amount from the reference value a new mixture ratio is set. The ionization signal corresponding to 70 to 100 percent loading of the gas burner is used as a reference value.

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

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

CPC (source: EP)  
**F23N 5/123** (2013.01)

Citation (search report)  
• [A] DE 19831648 A1 20000127 - STIEBEL ELTRON GMBH & CO KG [DE]  
• [AD] DE 19824523 A1 19991209 - HONEYWELL BV [NL]

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1215440 A2 20020619; EP 1215440 A3 20040630; EP 1215440 B1 20060614**; AT E330180 T1 20060715; DE 10062844 A1 20020711; DE 10062844 B4 20051215; DE 50110141 D1 20060727; DK 1215440 T3 20060904; ES 2266080 T3 20070301

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