

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)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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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