

Title (en)
Method of controlling a burner

Title (de)
Verfahren zur Regelung eines Gasbrenners

Title (fr)
Procédé de réglage d'un brûleur

Publication
EP 1207340 B1 20050112 (DE)

Application
EP 01126826 A 20011110

Priority

- DE 10057224 A 20001118
- DE 10057234 A 20001118
- DE 10057225 A 20001118
- DE 20101085 U 20010120

Abstract (en)
[origin: EP1207340A2] The ignition system performs an automatic check of the control system and checks ignition of the pilot burner and the main burner. The sequence starts with production of an electric spark to ignite the pilot burner. The first phase involves setting the gas flow control to minimum, with lean gas-air mixture. Different target values for the mixture are set as the ignition sequence proceeds.

IPC 1-7
F23D 14/60; **F23N 5/12**

IPC 8 full level
F23D 14/60 (2006.01); **F23D 14/72** (2006.01); **F23N 5/12** (2006.01)

CPC (source: EP)
F23D 14/60 (2013.01); **F23D 14/725** (2013.01); **F23N 5/123** (2013.01); **F23N 2227/20** (2020.01)

Cited by
US11608983B2; DE102007060073B3; EP3477201A1; EP1515089A3; EP1522790A3; US8721325B2; US11940147B2; US11608984B1; WO2007093312A1; WO2019081464A1; EP2103873A2; DE102008015311A1; WO2022234359A1

Designated contracting state (EPC)
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