

Title (en)
Control device for gas burners

Title (de)
Regeleinrichtung für Gasbrenner

Title (fr)
Dispositif de commande pour brûleur à gaz

Publication
EP 0644377 B1 19961023 (DE)

Application
EP 93114902 A 19930916

Priority
EP 93114902 A 19930916

Abstract (en)
[origin: EP0644377A1] In a gas/air control device, the differential pressure signal which is characteristic of the combustion air throughput is linked pneumatically (35, 36, 38, 40, 41) to the outlet gas pressure (Pg) and an actuating variable for the diaphragm-controlled main gas valve (15) is obtained from this. <IMAGE>

IPC 1-7
F23N 5/18; **F23N 1/10**; **F23N 1/02**

IPC 8 full level
F23N 1/02 (2006.01); **F23N 1/10** (2006.01); **F23N 5/18** (2006.01)

CPC (source: EP US)
F23N 1/027 (2013.01 - EP US); **F23N 1/107** (2013.01 - EP US); **F23N 5/188** (2013.01 - EP US); **F23N 5/18** (2013.01 - EP US);
F23N 2225/04 (2020.01 - EP US); **F23N 2225/06** (2020.01 - EP US); **F23N 2225/19** (2020.01 - EP US); **F23N 2233/08** (2020.01 - EP US);
F23N 2235/20 (2020.01 - EP US); **F23N 2235/24** (2020.01 - EP US); **F23N 2900/05181** (2013.01 - EP US); **Y10T 137/2521** (2015.04 - EP US)

Cited by
EP1635117A1; DE102010051122A1; EP1510756A1; CN107560185A; FR2875289A1; EP2014979A3; CN104807036A; DE102018001441A1;
DE102004038673B3; FR2982007A1; EP2604918A1; US7249610B2; EP1626321A1; EP0833106A2; WO2019161965A1; US11360496B2;
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