

Title (en)
Control device for gas burner

Title (de)
Regeleinrichtung für Gasbrenner

Title (fr)
Dispositif de régulation pour brûleur à gaz

Publication
EP 1382909 B1 20140604 (DE)

Application
EP 03016215 A 20030717

Priority
DE 10232653 A 20020718

Abstract (en)
[origin: EP1382909A1] The device has a main valve and a servovalve operated by an actuator to regulate opening of the main valve, which is operated by a membrane bounding a first gas chamber. The servovalve is a 3-way valve connected via gas lines to the first gas chamber, a second gas chamber in the inlet region and a third gas chamber in the outlet region. The 3-way valve arrangement optionally connects the first gas chamber to the second or third gas chamber. The device has a main valve and a servovalve operated by an actuator to regulate opening of the main valve, which is operated by a membrane (3) bounding a first gas chamber (5). The servovalve is a three-way valve (9) connected via gas lines (6-8) to the first gas chamber, a second gas chamber (4) in the inlet region and a third gas chamber (11) in the outlet region. The three-way valve arrangement optionally connects the first gas chamber to the second or third gas chamber.

IPC 8 full level
F23N 1/00 (2006.01)

CPC (source: EP US)
F23N 1/005 (2013.01 - EP US); **F23N 2235/20** (2020.01 - EP US); **Y10T 137/2521** (2015.04 - EP US)

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