

Title (en)  
Control device for gas burners

Title (de)  
Regeleinrichtung für Gasbrenner

Title (fr)  
Dispositif de commande pour brûleurs à gaz

Publication  
**EP 1382910 B1 20091028 (DE)**

Application  
**EP 03016214 A 20030717**

Priority  
DE 10232647 A 20020718

Abstract (en)  
[origin: EP1382910A2] The device has 2 main valves in series and 2 servovalves operated by an actuator to regulate opening of main valves operated by membranes bounding two gas chambers. The regulator gas inlet and outlet are connected to the first and second main valves' gas chambers respectively. A connection between the first main valve's first and second gas chambers and the second main valve's second gas chamber is made and broken by the first servovalve. The device has two main valves arranged in series and two servovalves (9,29) operated by an actuator to regulate opening of the main valves, which are operated by membranes (3,23) bounding first and second gas chambers (4,5;24,25). The regulator's gas inlet (14) and outlet (15) are connected to the first and second main valves' gas chambers respectively. A connection between the first main valve's first and second gas chambers and the second main valve's second gas chamber can be made and broken by the first servovalve (9).

IPC 8 full level  
**F23N 5/24** (2006.01); **F23N 1/00** (2006.01)

CPC (source: EP US)  
**F23N 1/005** (2013.01 - EP US); **F23N 5/245** (2013.01 - EP US); **F23N 2235/14** (2020.01 - EP US); **F23N 2235/18** (2020.01 - EP US); **F23N 2235/20** (2020.01 - EP US); **Y10T 137/7762** (2015.04 - EP US); **Y10T 137/7764** (2015.04 - EP US); **Y10T 137/7782** (2015.04 - EP US); **Y10T 137/7836** (2015.04 - EP US); **Y10T 137/87917** (2015.04 - EP US)

Cited by  
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Designated contracting state (EPC)  
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