

Title (en)  
Gas boiler valve assembly

Title (de)  
Ventilanordnung für einen Gazheizkessel

Title (fr)  
Assemblage de soupape pour chaudière à gaz

Publication  
**EP 0697563 A1 19960221 (EN)**

Application  
**EP 95112769 A 19950814**

Priority  
IT MI941747 A 19940817

Abstract (en)  
A gas boiler valve assembly comprises a gas path (3) extending between a gas inlet opening (4) and a gas outlet opening (5) to a burner, adjustably intercepted by a disk (17) operated by respective membrane control means (21). Advantageously, the valve assembly comprises control devices (22, 23) capable of driving in a broad modulation range the membrane control means (21) in response to the air flow fed to the burner and, respectively, to an electrical signal proportional to the thermal power required to the burner. <MATH>

IPC 1-7  
**F23N 1/00**; **F23N 1/02**; **F23N 5/18**

IPC 8 full level  
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**F23N 1/007** (2013.01); **F23N 1/027** (2013.01); **F23N 5/188** (2013.01); **F23N 5/18** (2013.01); **F23N 2235/16** (2020.01); **F23N 2235/20** (2020.01)

Citation (search report)

- [X] DE 9101263 U1 19910425
- [X] EP 0532453 A1 19930317 - VAILLANT JOH GMBH & CO [DE]
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