

Title (en)

Safety system to prevent accidental leakage in gas circuits and receivers.

Title (de)

Sicherheitsanlage zur Vermeidung von unversehener Leckage von Gasgeräten.

Title (fr)

Système de sécurité pour empêcher une fuite accidentelle dans un appareil à gaz.

Publication

EP 0565474 A1 19931013

Application

EP 93500028 A 19930308

Priority

- ES 9200526 A 19920310
- ES 9202179 A 19921029
- ES 9202375 A 19921125

Abstract (en)

The invention is based on creating a system which shuts off the supply of gas automatically, whenever the circuit has a leak or the receivers are mishandled, possible causes of leaks being allowing the gas to exit without lighting the burner; lighting the burner pushing the safety button and for uncontrollable reasons the flame being extinguished, either due to failed supply or by chance; and lighting the burner and not pushing the safety button. The supply is automatically cut off and the possible leak cancelled by action of a number of mechanical, electrical, mechanical-electrical and/or electronic means, working in conjunction with each other. <IMAGE>

IPC 1-7

F23N 5/18; **F23N 5/24**

IPC 8 full level

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Citation (search report)

- [A] EP 0264856 A2 19880427 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] FR 2587087 A1 19870313 - BENTZ GHEORGHE [FR]
- [A] GB 186989 A 19221009 - JAMES HUGH POWELL
- [A] FR 2285597 A1 19760416 - ANVAR [FR]
- [A] PATENT ABSTRACTS OF JAPAN vol. 6, no. 267 (M-182)25 December 1982 & JP-A-57 157 932 (NIPPON DENKI) 29 September 1982

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