

Title (en)
GAS SAFETY VALVE HAVING A RESET LOCK

Publication
EP 0073405 B1 19840627 (DE)

Application
EP 82107467 A 19820817

Priority
DE 3133075 A 19810821

Abstract (en)
[origin: US4442853A] A safety gas valve with latch against non-permitted reopening has the connector of the thermoelectric power unit located on the same side of the housing as the push button of the operating rod which is born shiftable and turnable in the housing. For this purpose, besides a first lever, carrying the closure member and a latch as part of the latching mechanism and cooperating with the power unit, there is provided a second lever which is tiltable around the stationary axis of the first lever. The one end of the second lever engages the armature pin of the power unit, where the other end is positioned opposite an inclined surface of the latch and disengages the latch from the first lever which carries the closure member. In the normal operating position, a projection of the latch keeps the safety valve open. After closing the valve manually, a portion of the latch is located opposite a stationary abutment until the power unit is deenergized after cooling down the thermocouple.

IPC 1-7
F23Q 9/14; F23N 5/10

IPC 8 full level
F16K 31/68 (2006.01); **F23N 5/10** (2006.01); **F23Q 9/14** (2006.01)

CPC (source: EP US)
F23N 5/107 (2013.01 - EP US); **F23Q 9/14** (2013.01 - EP US); **Y10T 74/20582** (2015.01 - EP US); **Y10T 137/1516** (2015.04 - EP US)

Designated contracting state (EPC)
BE DE FR GB IT NL

DOCDB simple family (publication)
EP 0073405 A1 19830309; EP 0073405 B1 19840627; DE 3133075 A1 19830310; DE 3260300 D1 19840802; DK 150034 B 19861124; DK 150034 C 19870511; DK 372682 A 19830222; US 4442853 A 19840417

DOCDB simple family (application)
EP 82107467 A 19820817; DE 3133075 A 19810821; DE 3260300 T 19820817; DK 372682 A 19820819; US 42387382 A 19820927