

Title (en)

CYLINDER VALVE FOR CONTROLLING GAS FLOW FROM A HIGH PRECYLINDER VALVE FOR CONTROLLING GAS FLOW FROM A HIGH PRESSURE STORAGE CYLINDER SURE STORAGE CYLINDER

Publication

EP 0200543 A3 19870729 (EN)

Application

EP 86303279 A 19860430

Priority

US 72941485 A 19850501

Abstract (en)

[origin: EP0200543A2] Valve body 9 screws into the top of the cylinder and fits under the standard cap in place of the usual manual valve. Flow from the cylinder through valve inlet 6 is controlled by spring-loaded valve 22 which can be opened by button 40 acting through sealing diaphragm 37 on pin 31 projecting from valve 22. Button 40 is actuated by a piston 50 driven by fluid pressure supplied through a remote control valve 60. The outlet from the valve body is fitted with a spring-biassed valve which is opened when a connector is attached to the outlet. Between this valve and the outlet is a one-way flow restrictor.

IPC 1-7

F17C 13/04; F16K 41/12

IPC 8 full level

F17C 13/04 (2006.01)

CPC (source: EP)

F17C 13/04 (2013.01); **F17C 2205/0329** (2013.01); **F17C 2205/035** (2013.01); **F17C 2205/0382** (2013.01)

Citation (search report)

- [A] FR 2163837 A5 19730727 - PROCEDES SEM
- [A] DE 2155452 A1 19730517 - YAMATO SANGYO CO LTD
- [A] US 3192782 A 19650706 - CLARENCE WANTZ
- [A] FR 2176727 A1 19731102 - SOLVAY [BE]

Cited by

FR2779247A1; EP0298272A3; DE3722692A1; GB2211586A; GB2211586B; US10247732B2

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

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