

Title (en)

Pressure reducing valve with adapter for the distribution of gases from high pressure gas containers.

Title (de)

Druckreduzierventil mit Adapter zur Ableitung von Gasen aus Gashochdruckbehältern.

Title (fr)

Dispositif adaptateur-détendeur de distribution de gaz pour conteneurs de gaz à haute pression.

Publication

EP 0467769 A1 19920122 (FR)

Application

EP 91401973 A 19910716

Priority

FR 9009089 A 19900717

Abstract (en)

[origin: US5127436A] The device comprises an assembly intended to be mounted on a closure valve of a high pressure container and comprises a manual control device operating a distribution valve in which the upstream end communicates with the closure valve, a pressure reducer and a safety device against over pressures between the distribution valve and an outlet for connection to a user circuit, as well as a manometer which measures the pressure upstream of the distribution valve. A pusher-rod operates the valve of the closure valve in response to a movement of the distribution valve.

Abstract (fr)

Le dispositif comprend un ensemble (8) destiné à être monté sur une valve d'obturation (3) d'un conteneur haute pression (1) et comprend un organe de commande manuelle (28) actionnant un clapet de distribution (11) dont l'amont communique (34) avec la valve d'obturation (3), un détendeur (14) et un dispositif de sécurité contre les surpressions (23) entre le clapet de distribution (11) et une sortie (22) de raccordement à un circuit utilisateur, ainsi qu'un manomètre (36) mesurant la pression en amont du clapet de distribution (11). Une tige-poussoir (35) actionne le clapet (4) de la valve d'obturation (3) en réponse à un actionnement du clapet de distribution (11). <IMAGE>

IPC 1-7

F16K 1/00; **F17C 13/00**

IPC 8 full level

F17C 13/00 (2006.01); **F17C 13/04** (2006.01)

CPC (source: EP US)

F17C 13/04 (2013.01 - EP US); **F17C 2205/0329** (2013.01 - EP US); **F17C 2205/0335** (2013.01 - EP US); **F17C 2205/0338** (2013.01 - EP US); **F17C 2205/0385** (2013.01 - EP US); **F17C 2205/0394** (2013.01 - EP US); **F17C 2260/021** (2013.01 - EP US); **F17C 2270/0745** (2013.01 - EP US); **Y10T 137/87981** (2015.04 - EP US); **Y10T 137/88046** (2015.04 - EP US); **Y10T 137/88054** (2015.04 - EP US)

Citation (search report)

- [A] FR 2123892 A5 19720915 - CLESSE SEAP
- [A] EP 0333968 A2 19890927 - LIQUIPIBIGAS S P A [IT]
- [A] EP 0033139 A2 19810805 - KERNFORSCHUNGSANLAGE JUELICH [DE], et al

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EP0937941A1; DE2951955U1; FR2930619A1; CN102016281A; EP0848205A1; EP0747796A1; FR2735209A1; US5975121A; US8869845B2; WO2007048957A1; WO2009138628A1; US8156961B2; US8225816B2; US8408247B2; US8136791B2

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