

Title (en)  
Valve for compressed or liquefied gas bottles.

Title (de)  
Ventil für Druck- oder Flüssiggasflaschen.

Title (fr)  
Robinet pour bouteilles de gaz comprimés ou liquéfiés.

Publication  
**EP 0496091 B1 19940824 (FR)**

Application  
**EP 91121914 A 19911220**

Priority  
FR 9100449 A 19910116

Abstract (en)  
[origin: EP0496091A1] The valve comprises a shutting device (64) between an outlet passage (60) for the gases and an inlet passage (62), an external switching means connected to the said shutting device (64) in order to move the latter between an open position and a shut position and a pressure reducing valve (66) for controlling the gas flow pressure when the shutting device (64) is in the open position. <??>In order to allow the filling of the bottle and the off-take of the gas through the same opening, a pipe (76) is provided in parallel between the inlet passage (62) and the outlet passage (60) bypassing the pressure reducing valve (64) and is equipped with means allowing the flow of filling gas from the outlet passage (60) towards the inlet passage (62) and preventing the flow of the gases in the opposite direction. <IMAGE>

IPC 1-7  
**F17C 13/04**

IPC 8 full level  
**F17C 13/04** (2006.01)

CPC (source: EP US)  
**F17C 13/04** (2013.01 - EP US); **F17C 2205/0329** (2013.01 - EP US); **F17C 2205/0332** (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 2223/0123** (2013.01 - EP US); **F17C 2223/0153** (2013.01 - EP US); **F17C 2227/048** (2013.01 - EP US); **Y10T 137/87917** (2015.04 - EP US); **Y10T 137/88054** (2015.04 - EP US)

Cited by  
EP1120590A3; FR3003627A1; CN105485518A; EA029630B1; AU2014358968B2; US10563821B2; WO2014154954A1; WO2015082850A1; US10955091B2; WO2018001561A1

Designated contracting state (EPC)  
DE DK ES GB IT SE

DOCDB simple family (publication)  
**EP 0496091 A1 19920729; EP 0496091 B1 19940824**; DE 69103619 D1 19940929; DE 69103619 T2 19941222; DK 0496091 T3 19941114; ES 2059028 T3 19941101; FR 2671598 A1 19920717; FR 2671598 B1 19930416; US 5232019 A 19930803

DOCDB simple family (application)  
**EP 91121914 A 19911220**; DE 69103619 T 19911220; DK 91121914 T 19911220; ES 91121914 T 19911220; FR 9100449 A 19910116; US 82111992 A 19920115