

Title (en)

ARRANGEMENT FOR COUPLING A PRESSURIZED CONTAINER TO A GAS-DISPENSING DEVICE

Publication

EP 0305631 B1 19920923 (DE)

Application

EP 88100752 A 19850709

Priority

- DE 3430900 A 19840822
- DE 3430926 A 19840822
- DE 3430928 A 19840822

Abstract (en)

[origin: ES8703602A1] An easy to use system for connecting a bottle-type, gas containing pressurized vessel to a gas-withdrawal unit includes a valve assembly mounted on the pressurized vessel. A longitudinal axis of this valve assembly is substantially perpendicular to a longitudinal axis of the pressurized vessel resulting in an offset outlet design. The system also includes a housing with slotted links for guiding and holding the pressurized vessel as well as a centering device located in front of the gas-withdrawal unit for aiding alignment of an outlet of the valve assembly with an inlet port of the gas-withdrawal unit. A pivot lever is also provided to press and hold the outlet of the valve assembly gastight against the inlet port of the control unit.

IPC 1-7

B01F 3/04; B67D 1/00; F17C 13/00

IPC 8 full level

F17C 7/00 (2006.01); **B01F 3/04** (2006.01); **B67D 1/00** (2006.01); **B67D 1/04** (2006.01); **F17C 13/00** (2006.01); **F17C 13/04** (2006.01); **F17C 13/08** (2006.01)

CPC (source: EP US)

B01F 23/2361 (2022.01 - EP US); **B01F 33/5014** (2022.01 - EP US); **B67D 1/008** (2013.01 - EP US); **F17C 13/04** (2013.01 - EP US); **F17C 13/084** (2013.01 - EP US); **F17C 2205/0329** (2013.01 - EP US); **F17C 2205/0382** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0277544 A1 19880810; EP 0277544 B1 19920513; AT E48905 T1 19900115; AT E76037 T1 19920515; AT E80861 T1 19921015; CA 1246023 A 19881206; DE 3574901 D1 19900125; DE 3586058 D1 19920617; DE 3586684 D1 19921029; EP 0173822 A1 19860312; EP 0173822 B1 19891220; EP 0305631 A2 19890308; EP 0305631 A3 19890517; EP 0305631 B1 19920923; ES 546304 A0 19870216; ES 8703602 A1 19870216; JP H0554000 B2 19930811; JP S61112899 A 19860530; KR 910000038 B1 19910119; US 4646797 A 19870303

DOCDB simple family (application)

EP 88100753 A 19850709; AT 85108486 T 19850709; AT 88100752 T 19850709; AT 88100753 T 19850709; CA 489133 A 19850821; DE 3574901 T 19850709; DE 3586058 T 19850709; DE 3586684 T 19850709; EP 85108486 A 19850709; EP 88100752 A 19850709; ES 546304 A 19850821; JP 18377585 A 19850821; KR 8505523 D 19850731; US 76836385 A 19850822