

Title (en)

DEVICE FOR REMOVING FLUID FROM A CONTAINER

Title (de)

VORRICHTUNG ZUM ENTFERNEN VON FLUID AUS EINEM BEHÄLTER

Title (fr)

DISPOSITIF POUR L'ELIMINATION D'UN FLUIDE HORS D'UN RESERVOIR

Publication

EP 1254318 A1 20021106 (DE)

Application

EP 01900471 A 20010119

Priority

- DE 10006014 A 20000211
- EP 0100608 W 20010119
- US 51438800 A 20000228

Abstract (en)

[origin: WO0159308A1] The invention concerns a device for removing fluid from a container (10) having a gas and a tapping connector (14) in the area of a fluid collecting point (12). A collecting tank (18) can be connected to said tapping connector by means of a tapping line (16). The collecting tank can be in turn connected to a compensation connector (22) disposed in the container (10) by means of a compensation line (20), said compensation connector being different from the tapping connector (14). This makes it possible to provide a small fluid tapping device as maintenance unit that can be connected to the container and disconnected therefrom with little idle time.

IPC 1-7

F15B 21/04; **F17C 1/00**

IPC 8 full level

F15B 1/24 (2006.01); **F15B 21/041** (2019.01); **F15B 1/08** (2006.01); **F17C 1/00** (2006.01); **F17C 7/00** (2006.01); **F17C 13/04** (2006.01)

CPC (source: EP US)

F15B 1/08 (2013.01 - EP US); **F15B 21/041** (2013.01 - EP US); **F17C 7/00** (2013.01 - EP US); **F17C 13/04** (2013.01 - EP US); **F15B 2201/205** (2013.01 - EP US); **F15B 2201/31** (2013.01 - EP US); **F15B 2201/411** (2013.01 - EP US); **F15B 2201/4155** (2013.01 - EP US); **F17C 2201/0109** (2013.01 - EP US); **F17C 2201/035** (2013.01 - EP US); **F17C 2201/056** (2013.01 - EP US); **F17C 2205/0335** (2013.01 - EP US); **F17C 2205/0394** (2013.01 - EP US); **F17C 2205/0397** (2013.01 - EP US); **F17C 2221/014** (2013.01 - EP US); **F17C 2223/0123** (2013.01 - EP US); **F17C 2223/047** (2013.01 - EP US); **F17C 2227/0192** (2013.01 - EP US); **F17C 2270/05** (2013.01 - EP US)

Citation (search report)

See references of WO 0159308A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0159308 A1 20010816; AT E242434 T1 20030615; CA 2401712 A1 20010816; CA 2401712 C 20070410; DE 50100295 D1 20030710; EP 1254318 A1 20021106; EP 1254318 B1 20030604; JP 2003528264 A 20030924; JP 4689926 B2 20110601; NO 20023778 D0 20020809; NO 20023778 L 20020923; US 2003075234 A1 20030424; US 6681813 B2 20040127

DOCDB simple family (application)

EP 0100608 W 20010119; AT 01900471 T 20010119; CA 2401712 A 20010119; DE 50100295 T 20010119; EP 01900471 A 20010119; JP 2001558618 A 20010119; NO 20023778 A 20020809; US 18262502 A 20020801