

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: US6681813B2] The invention relates to a device for the removal of fluid from a container (10), which carries a gas and which in the area of a collection point (12) for the liquid has a removal connection (14), to which can be connected a collection container (18) by means of a removal conduit (16), which container can be connected through an equalization conduit (20) with an equalization connection (22) arranged on the container (10), which connection is different from the removal connection (14). In this manner a liquid removal device of small structure is made available as a maintenance unit which can be connected with only very short time period of the container being out of commission and in turn can also be rapidly separated therefrom.

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)

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