

Title (en)

DEVICE FOR EMPTYING CONTAINERS FILLED WITH LIQUIDS

Title (de)

VORRICHTUNG ZUM ENTLEREEN VON MIT FLÜSSIGKEITEN GEFÜLLTEN BEHÄLTERN

Title (fr)

DISPOSITIF POUR VIDER DES RECIPIENTS REMPLIS DE LIQUIDES

Publication

EP 1107918 B1 20030312 (DE)

Application

EP 99944414 A 19990817

Priority

- DE 19838685 A 19980826
- EP 9906007 W 19990817

Abstract (en)

[origin: US6543654B1] The invention relates to a device for emptying containers (2) filled with liquids, especially canisters and barrels, with an adapter (5) that can be fixed in a bung hole (3) of the container (2). The adapter (5) is fitted with a suction lance (7) pointing towards the container and has a degassing device. The device has a coupling piece (6) that can be attached to the adapter (5) for connecting a suction device (9). The adapter (5) has a set breaking point (10) surrounding the connection of the suction lance (7) by means of which the suction lance (7) can be pushed into the interior of the container. In a special embodiment, the set breaking point (10) is configured as a series of holes surrounding the central part (5b) connected to the suction lance (7).

IPC 1-7

B65D 47/06

IPC 8 full level

B65D 47/06 (2006.01); **B67D 7/02** (2010.01)

CPC (source: EP US)

B65D 47/06 (2013.01 - EP US); **B67D 7/0277** (2013.01 - EP US); **B67D 7/0288** (2013.01 - EP US)

Designated contracting state (EPC)

AT CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

US 6543654 B1 20030408; AT E234233 T1 20030315; CA 2341593 A1 20000309; CA 2341593 C 20070807; DE 19838685 C1 19991125; DE 59904551 D1 20030417; DK 1107918 T3 20030714; EP 1107918 A1 20010620; EP 1107918 B1 20030312; ES 2194502 T3 20031116; JP 2002523314 A 20020730; WO 0012403 A1 20000309

DOCDB simple family (application)

US 76338301 A 20010221; AT 99944414 T 19990817; CA 2341593 A 19990817; DE 19838685 A 19980826; DE 59904551 T 19990817; DK 99944414 T 19990817; EP 9906007 W 19990817; EP 99944414 A 19990817; ES 99944414 T 19990817; JP 2000567453 A 19990817