

Title (en)

ADAPTER FOR A MANUALLY OPERATED DISPENSING DEVICE FOR A LIQUID CONTAINER

Title (de)

ADAPTER FÜR EINE HANDBETÄTIGTE ABGABEVORRICHTUNG FÜR FLÜSSIGKEITSBEHÄLTER

Title (fr)

ADAPTATEUR DESTINE A UN DISPOSITIF DE DISTRIBUTION MANUEL POUR UN RESERVOIR DE LIQUIDE

Publication

EP 1296881 B1 20041103 (DE)

Application

EP 01951540 A 20010531

Priority

- DE 20010029 U 20000605
- DE 10027740 A 20000605
- EP 0106208 W 20010531

Abstract (en)

[origin: US2003160071A1] The invention relates to an adapter (20) for a manually operated dispensing device (120) for a fluid that is/can be pressurized in a container. Said dispensing device comprises: a tubular adapter housing (34) that comprises a connecting conduit between the uptake tube and the through channel of the housing of the dispensing device, whereby the adapter housing has a respective connecting sleeve (42) for the connecting nipple of said housing and an uptake tube sleeve (44) for the uptake tube; several inlets (46) for the fluid in the substantially reversed position of the container in relation to the dispensing device, whereby the adapter housing forms at least one section of said inlets; an inlet valve (48) within the adapter housing for releasing the inlets substantially simultaneously when a pressure acts on the fluid in the container in the substantially reversed position of the container; a shut-off valve (50) that is positioned inside a valve chamber (52) of the adapter housing, in such a way that it can be freely displaced in an axial manner between two end positions and a valve chamber (52) with a diameter that is greater than the diameter of the shut-off valve.

IPC 1-7

B65D 83/36; **B05B 11/00**

IPC 8 full level

B05B 11/00 (2006.01); **B65D 83/14** (2006.01); **B65D 83/36** (2006.01)

CPC (source: EP US)

B05B 11/0059 (2013.01 - EP US); **B05B 11/1018** (2023.01 - EP US); **B65D 83/36** (2013.01 - EP US)

Cited by

CN102678643A; DE102004048248B3

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)

US 2003160071 A1 20030828; **US 6974055 B2 20051213**; AT E281373 T1 20041115; AU 7244101 A 20011217; DE 50104408 D1 20041209; EP 1296881 A1 20030402; EP 1296881 B1 20041103; ES 2232644 T3 20050601; PT 1296881 E 20050228; WO 0194237 A1 20011213

DOCDB simple family (application)

US 29737703 A 20030424; AT 01951540 T 20010531; AU 7244101 A 20010531; DE 50104408 T 20010531; EP 0106208 W 20010531; EP 01951540 A 20010531; ES 01951540 T 20010531; PT 01951540 T 20010531