

Title (en)

Fluid dispensing container with a bottle comprising a dispensing device connected to a dip tube

Title (de)

Abgabebehälter für Flüssigkeiten in Form einer Flasche, mit einem an ein Steigrohr ausschliessenden Abgabeorgan

Title (fr)

Récipient distributeur d'un produit fluide comportant un flacon muni d'un organe de distributeur relié à un tube plongeur

Publication

EP 0945367 A1 19990929 (FR)

Application

EP 99400676 A 19990319

Priority

FR 9803591 A 19980324

Abstract (en)

The distributor unit (3) on the transparent or translucent bottle (1) neck (2) has a plunger-tube (4) pointing towards the bottom of the bottle. The plunger tube is surrounded over at least part of its length by a casing tube (5) which has a longitudinal bore (19) intersected by the plunger tube. The bottle is at atmospheric pressure, and the distributor is in the form of a pump. The casing tube is fixed by an intermediate piece (6) inserted into the bottle-neck and which comprises a flange (15) resting on the rim (9) of the neck. A cylindrical skirt (14) has fixtures (17) on its inner surface near its opposite end to the flange. The fixtures cooperate with matching fixtures (20) near one end of the casing tube.

Abstract (fr)

Récipient distributeur de produit fluide comportant un flacon (1) muni d'un goulot (2) sur lequel est fixé un organe distributeur (3), ledit organe distributeur étant pourvu d'un tube plongeur (4), qui s'étend vers le fond du flacon (1) pour alimenter l'organe distributeur (3), caractérisé en ce que le flacon est réalisé en matériau transparent ou translucide et en ce que le tube plongeur (4) est entouré, sur au moins une partie de sa longueur, d'un tube d'habillage (5) pourvu d'un alésage longitudinal (19) à travers lequel s'étend ledit tube plongeur (4). <IMAGE>

IPC 1-7

B65D 83/14; **B05B 11/00**

IPC 8 full level

B05B 11/00 (2006.01); **B05B 15/37** (2018.01); **B65D 47/34** (2006.01); **B65D 83/14** (2006.01); **B05B 15/00** (2006.01)

CPC (source: EP US)

B05B 11/1042 (2023.01 - US); **B05B 15/37** (2018.01 - EP US); **B65D 83/32** (2013.01 - EP US); **B05B 11/1047** (2023.01 - EP)

Citation (applicant)

DE 3710788 A1 19881110 - FUHRIG WOLFGANG [DE]

Citation (search report)

- [DXY] DE 3710788 A1 19881110 - FUHRIG WOLFGANG [DE]
- [Y] US 4212332 A 19800715 - CECIL HOWARD E [US], et al
- [YA] US 3658215 A 19720425 - EWALD RONALD F
- [Y] GB 2212222 A 19890719 - BESPAC PLC [GB]
- [A] US 4475667 A 19841009 - ORI PETER [US], et al

Cited by

FR2910251A1; FR2955091A1; EP2457667A1; FR2967981A1; FR2970474A1; FR2907320A1; EP2446970A1; FR2966808A1; US8978932B2; WO2008050004A3

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0945367 A1 19990929; FR 2776627 A1 19991001; FR 2776627 B1 20000609; US 6119897 A 20000919

DOCDB simple family (application)

EP 99400676 A 19990319; FR 9803591 A 19980324; US 27460799 A 19990323