

Title (en)

Flexible material container for liquids.

Title (de)

Flüssigkeitsbehälter aus biegsamem Stoff.

Title (fr)

Récipient en matière souple destiné à recevoir un liquide.

Publication

EP 0115990 A1 19840815 (FR)

Application

EP 84400177 A 19840126

Priority

FR 8301359 A 19830128

Abstract (en)

[origin: EP0115990B1] 1. A container of a flexible or semi-rigid material for receiving a liquid, characterized in that it has two planar bearing sides (2) forming a dihedron whose angle (alpha) is smaller than 90 degrees when the container is filled with liquid, these two planar sides (2) being interconnected by a neck (5) at the end of which is formed a liquid-expelling opening, the two planar bearing sides (2) are part of two semi-shells (1) fixed to each other on their periphery in a median plane relative to which these two semi-shells (1) are symmetrical, the fixing being preferably achieved by welding, and this container is provided with a liquid expelling passageway (12) whose outlet opening is located at a level higher than the level (N) of the liquid when the container bears on one of its bearing sides (2), and the distribution of the weight of the full or empty container is so chosen that the vertical passing through its centre of gravity is located inside the perimeter of one of the bearing sides (2) bearing on a horizontal plane.

Abstract (fr)

Récipient en matière souple ou semi-rigide destiné à recevoir un liquide tel qu'un produit d'entretien, présentant deux faces planes (2) d'appui sur un plan de support (4), formant un dièdre dont l'angle (α) est inférieur à 90° lorsque le récipient est rempli de liquide et a sa forme normale; les deux moitiés (1) du récipient sont fixées ensemble suivant un cordon (3) rigide d'assemblage, et le récipient comporte des renflements sphériques (7) permettant son obturation. Ce récipient est nettement moins onéreux que les flacons en matière plastique habituels.

IPC 1-7

B65D 35/02; **B65D 75/58**

IPC 8 full level

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CPC (source: EP US)

B65D 75/32 (2013.01 - EP US); **B65D 75/324** (2013.01 - EP US); **B65D 75/52** (2013.01 - EP US); **B65D 75/5811** (2013.01 - EP US); **Y10S 383/907** (2013.01 - EP US)

Citation (search report)

- FR 1065305 A 19540524
- US 3635376 A 19720118 - HELLSTROM HAROLD RICHARD
- FR 2160179 A5 19730622 - MERCK PATENT GMBH

Cited by

WO2013012323A1; NL2007144C2; EP0299124A3; US4988016A; EP2492210A1; EP0862879A1; NL1005295C2; EP0192348A3; EP0225251A1; FR2590546A1; US4709821A; AU593304B2; WO8802339A1; WO8700819A1; WO2012113515A1

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