

Title (en)

Storage and dispensing system for a pasty fluid or a liquid

Title (de)

Aufbewahrung- und Ausgabevorrichtung eines patösen oder flüssigen Fluids

Title (fr)

Dispositif de stockage et de distribution d'un produit liquide ou pâteux

Publication

EP 2324929 A1 20110525 (FR)

Application

EP 09176891 A 20091124

Priority

- EP 09176891 A 20091124
- FR 0802755 A 20080521

Abstract (en)

The device (1) has a storage bottle (21) for storing liquid or pasty products, and including an opening. Bottom (3) of the device is in contact with distal end of the bottle, and a cylindrical neck (18) is formed at proximal end of the bottle. A dip tube is engaged with the storage bottle. Distal end of the tube is formed near the bottom of the storage bottle and proximal end provided with an irreversible fixing unit for fixing the tube on the opening of the storage bottle. An orifice (14) comprises a dip tube receiving unit ensuring maintenance of the tube in the bottle.

Abstract (fr)

Le dispositif 1 de stockage et de distribution comprend : - un flacon de stockage (21) du produit liquide ou pâteux, possédant un fond (3) à son extrémité distale et un goulot (18) à son extrémité proximale ; - un tube plongeur (8) engagé dans le flacon (21) présentant une extrémité distale venant à proximité du fond du flacon et une extrémité proximale présentant des moyens de fixation irréversibles sur l'ouverture du flacon.

IPC 8 full level

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CPC (source: EP US)

B05B 11/0054 (2013.01 - EP US); **B05B 11/1047** (2023.01 - EP); **B05B 15/30** (2018.01 - EP); **B65D 1/323** (2013.01 - EP); **B65D 49/12** (2013.01 - EP); **B65D 55/024** (2013.01 - EP); **B05B 11/0008** (2013.01 - EP); **B05B 11/0037** (2013.01 - EP US); **B05B 11/1023** (2023.01 - EP)

Citation (applicant)

- FR 2377946 A1 19780818 - OREAL [FR]
- FR 2873999 A1 20060210 - REXAM DISPENSING SYSTEMS SAS [FR]
- FR 2880001 A1 20060630 - VALOIS SAS [FR]
- EP 0854391 A1 19980722 - XEROX CORP [US]

Citation (search report)

- [XD] FR 2377946 A1 19780818 - OREAL [FR]
- [XD] FR 2873999 A1 20060210 - REXAM DISPENSING SYSTEMS SAS [FR]
- [XD] FR 2880001 A1 20060630 - VALOIS SAS [FR]
- [XD] EP 0584391 A1 19940302 - SUPERMATIC KUNSTSTOFF AG [CH]
- [E] FR 2931462 A1 20091127 - SERIPLAST [FR]
- [A] US 6006952 A 19991228 - LUCAS MONTY J [US]
- [A] JP H11169760 A 19990629 - MITANI VALVE CO LTD
- [A] FR 2593147 A1 19870724 - AEROSOL INVENTIONS DEV [CH]
- [A] EP 1671705 A1 20060621 - SERIPLAST [FR]
- [A] FR 2758311 A1 19980717 - VALOIS [FR]

Cited by

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Designated extension state (EPC)

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