

Title (en)

Bottom delivery package.

Title (de)

Behälter mit Bodenentleerungsöffnung.

Title (fr)

Récipient avec ouverture de vidange dans son fond.

Publication

EP 0412390 A1 19910213 (EN)

Application

EP 90114577 A 19900730

Priority

- GB 9006212 A 19900320
- US 39107089 A 19890808

Abstract (en)

An unequivocal bottom delivery package (15) with a self sealing valve (32) for storing and dispensing a fluid material. The package has a shipping configuration in which a shipping cap (18) is located over the self sealing valve (32) to provide leakage resistance during shipment. Upon receipt it is obvious that operation of the package first necessitates removal of the shipping cap (18). Removal of the shipping cap (18) transforms the package into a dispensing configuration. The dispensing configuration provides easy one step dispensing and makes it obvious that the container (20) is intended to be stored with the self sealing valve (32) disposed downwardly and without capping the self sealing valve (32) between uses. A travel cap (17) is provided for placement over the self sealing valve (32), transforming the package into a traveling configuration, which provides leakage resistance during subsequent transportation. It is obvious the package is not intended to be placed into the travelling configuration between every use. A refill opening (90) with closing means (91) can also be provided.

IPC 1-7

B65D 1/32

IPC 8 full level

B65D 1/32 (2006.01); **B65D 25/24** (2006.01); **B65D 47/20** (2006.01)

CPC (source: EP)

B65D 1/32 (2013.01); **B65D 25/24** (2013.01); **B65D 47/2031** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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