

Title (en)

STERILE PACKAGING OF LIQUID AND SEMI-LIQUID SUBSTANCES

Publication

EP 0236152 B1 19891025 (FR)

Application

EP 87400072 A 19870114

Priority

FR 8600605 A 19860117

Abstract (en)

[origin: US4770323A] A sterile package for liquid and semi-liquid fluids comprises a container (1) containing the product to be dispensed (2). It is hermetically sealed by a breakable membrane seal (3) until first use, and includes an axial tube (4) extending from below the seal down to the bottom of the container (1). A dispensing head or cap (5) is fixed onto the neck (12) of the container and comprises a manually actuated member (6) for perforating the seal and for putting the dip tube into communication with a dispensing passage (7) which extends through the cap. The perforating member (6) is tubular, sliding axially and telescopically at one end of the dispensing passage (7). It comprises a snap-engagement mechanism (8) co-operating, at the end of its travel and after perforation of the seal (3), with complementary snap-engagement mechanism (10) on a fixed element of the package to cause the perforating member (6) to engage with the dip tube (4) in a positive sealing manner.

IPC 1-7

B65D 47/34; B65D 83/14; B67B 7/48; B67D 5/02

IPC 8 full level

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CPC (source: EP US)

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Cited by

FR2704530A1; CN111788008A; GB2296050A; GB2296050B; EP0679443A1; US5509578A; EP0354663A3; EP4220055A1

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