

Title (en)

Integral self-closing dispensing closure for a tube.

Title (de)

Integrierter selbstschliessender Spenderverschluss für eine Tube.

Title (fr)

Fermeture intégrale du type distributeur à obturation automatique pour un tube.

Publication

EP 0463658 B1 19951129 (EN)

Application

EP 91201306 A 19910529

Priority

US 53077790 A 19900530

Abstract (en)

[origin: EP0463658A1] A self-closing membrane closure (19) that is an integral part of the shoulder (15) of a tube container (10) provides for an efficient method for packaging and dispensing paste-like products. The self-closing membrane is formed at the same time as the supporting shoulder by compression molding or a related technique. This negates the need for any assembly and the potential for leakage. In addition to the self-closing membrane closure, there can also be cap fitted over the membrane closure. <IMAGE>

IPC 1-7

B65D 35/52; **B65D 35/12**

IPC 8 full level

B65D 35/12 (2006.01); **B65D 47/20** (2006.01)

CPC (source: EP)

B65D 35/12 (2013.01); **B65D 47/2031** (2013.01)

Cited by

US11034486B2; SE1730325A1; US5927567A; US6457613B1; US2013249978A1; US8985165B2; EP0692428A1; US5669208A; US6616019B2; US10464719B2; US10017316B2; US7306127B2; WO2019103675A1; WO0151360A3; US6705790B2; US6425704B2; US6869242B2; US6641319B2; US6673295B1; US7041246B2; US10392163B2; US7306128B2; US7842215B2; WO2006089434A1; WO2012028849A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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