Title (en)

Device for storing and applying a spreadable product

Title (de)

Verpackungs- und Auftragvorrichtung für ein ablösbares Produkt

Title (fr)

Dispositif de conditionnement et d'application d'un produit délitable

Publication

EP 0876777 B1 20020130 (FR)

Application

EP 98400935 A 19980415

Priority

FR 9705587 A 19970505

Abstract (en)

[origin: EP0876777A1] The container (D) comprises a tube (1) which is open at one end (16), a cup (7) at the other end to hold the stick product (B), and a removable cap (2) with a seal (18) inside its closed end (17). The seal comprises at least one block (19) of a compressible elastic cellular material which fits against the upper edge (14a) of the tube (1) when the cap is in the closed position. The cellular material is e.g. of polyethylene, PVC, polyether or silicone foam, with a facing layer of aluminium foil, metal/plastic, ceramic, plastic or leather; the plastic layer can be of an elastomer, polyethylene, polypropylene, EVA or EVOH. A second seal (15) is fitted between the cup and the other end of the tube.

IPC 1-7

A45D 40/06; A45D 40/04

IPC 8 full level

A45D 40/00 (2006.01); **A45C 13/00** (2006.01); **A45D 40/04** (2006.01); **A45D 40/06** (2006.01)

CPC (source: EP)

A45C 13/008 (2013.01); **A45D 40/04** (2013.01); **A45D 40/06** (2013.01)

Citation (examination)

EP 0900032 A1 19990310 - OREAL [FR]

Cited by

EP2543276A1; EP1133937A1; FR2806273A1; CN100418453C; US8985881B2; US6843611B2; US7144171B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0876777 A1 19981111; **EP 0876777 B1 20020130**; AR 011724 A1 20000830; CA 2234827 A1 19981105; CA 2234827 C 20030930; CN 1116843 C 20030806; CN 1221586 A 19990707; DE 69803620 D1 20020314; DE 69803620 T2 20021107; ES 2172091 T3 20020916; FR 2762763 A1 19981106; FR 2762763 B1 19990709; JP 3040374 B2 20000515; JP H10337215 A 19981222; US 6116802 A 20000912

DOCDB simple family (application)

EP 98400935 A 19980415; AR P980102061 A 19980504; CA 2234827 A 19980504; CN 98109728 A 19980504; DE 69803620 T 19980415; ES 98400935 T 19980415; FR 9705587 A 19970505; JP 12132598 A 19980430; US 7071898 A 19980504