

Title (en)

One-piece container for preserving in a separated condition and mixing at least two products

Title (de)

Einteiliger Behälter zur getrennten Aufbewahrung und Mischung von mindestens zwei Produkten

Title (fr)

Récipient monocorps, pour le conditionnement séparé et le mélange d'au moins deux produits

Publication

EP 0790190 B1 19991013 (FR)

Application

EP 97400061 A 19970114

Priority

FR 9601884 A 19960215

Abstract (en)

[origin: EP0790190A1] The container comprises a body (1) with a main cavity (1.1) for a first product, and a second cavity (2.1) inside the first, closed by a cap (2). The main cavity is closed by a sealing lid (3). The body is of a thermoplastic material such as polyethylene, polypropylene, or an ethylene-propylene copolymer made by thermal moulding or injection. The secondary cavity incorporates a central projection (2,3) which pushes off its cap when a finger pressure is applied to it from below, enabling the two products to mix. In variants of the design the secondary cavity's cap can be attached to the main lid, or the secondary cavity can be in the form of an additional container attached to the inside of the main lid, with a projection on the base forming its cap.

IPC 1-7

B65D 25/08; **B65D 81/32**

IPC 8 full level

B65D 25/08 (2006.01); **B65D 81/32** (2006.01)

CPC (source: EP US)

B65D 25/08 (2013.01 - EP US); **B65D 81/3216** (2013.01 - EP US); **Y10S 215/08** (2013.01 - EP US)

Cited by

GB2331976A; US7163102B2; WO9928210A1; WO2007043088A1; WO03006323A3

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0790190 A1 19970820; **EP 0790190 B1 19991013**; BR 9700217 A 19981103; CN 1065197 C 20010502; CN 1169942 A 19980114; DE 69700608 D1 19991118; DE 69700608 T2 20000210; ES 2140186 T3 20000216; FR 2744991 A1 19970822; FR 2744991 B1 19980320; JP 2974632 B2 19991110; JP H09221141 A 19970826; JP H11193032 A 19990721; MX 9701055 A 19980531; US 5893452 A 19990413

DOCDB simple family (application)

EP 97400061 A 19970114; BR 9700217 A 19970207; CN 97104896 A 19970214; DE 69700608 T 19970114; ES 97400061 T 19970114; FR 9601884 A 19960215; JP 2944197 A 19970213; JP 30605198 A 19981027; MX 9701055 A 19970211; US 80010197 A 19970213