

Title (en)

Vacuum package closed by a lid

Title (de)

Durch einen Deckel verschlossene Vakuumverpackung

Title (fr)

Conditionnement sous vide fermé par un couvercle

Publication

**EP 0807588 A1 19971119 (FR)**

Application

**EP 97401039 A 19970507**

Priority

FR 9605984 A 19960514

Abstract (en)

The container is closed by a lid (6) with an outer vertical wall (7) and a lug and cam (9) mechanism. The container has the upper surface of its rim (3) shaped with concentric annular grooves (5). The ridges (11) between the grooves have a triangular cross-section. When the container is closed the ridges engage with a seal coating (10) on the inside of lid, e.g. of a polymer or rubber. Alternatively, the edge of the container rim has a truncated conical shape, sloping outwards forming an angle of some 170 - 175 degrees. This configuration means that the ridges penetrate the seal coating to different depths, making it easier to break the vacuum when the lid is opened.

Abstract (fr)

L'invention concerne un conditionnement comportant un récipient (1) dont l'ouverture (2) est bordée par une paroi (3) annulaire qui possède une surface terminale (4) et un couvercle (6) maintenu sur le récipient grâce à la différence de pression établie entre ses deux faces, dans lequel la surface terminale (4) de la paroi annulaire (3) est striée de rainures (5) concentriques. <IMAGE>

IPC 1-7

**B65D 81/20**; **B65D 1/10**

IPC 8 full level

**B65D 1/10** (2006.01); **B65D 81/20** (2006.01)

CPC (source: EP)

**B65D 1/10** (2013.01); **B65D 81/2015** (2013.01)

Citation (search report)

- [A] FR 2387856 A1 19781117 - BOUCHAGE MECANIQUE [FR]
- [A] FR 41653 E 19330310 - PARFUMERIE HOUBIGANT

Cited by

WO03018430A1

Designated contracting state (EPC)

BE DE ES GB IT NL PT

DOCDB simple family (publication)

**EP 0807588 A1 19971119**; **EP 0807588 B1 19990310**; DE 69700128 D1 19990415; DE 69700128 T2 19990909; ES 2131427 T3 19990716; FR 2748732 A1 19971121; FR 2748732 B1 19980626

DOCDB simple family (application)

**EP 97401039 A 19970507**; DE 69700128 T 19970507; ES 97401039 T 19970507; FR 9605984 A 19960514