

Title (en)

Screw cap with liner

Title (de)

Schraubkappe mit eingelegter Dichtung

Title (fr)

Capsule de bouchage à vis à joint rapporté

Publication

EP 0693434 B1 19980520 (FR)

Application

EP 95401711 A 19950719

Priority

FR 9408993 A 19940720

Abstract (en)

[origin: EP0693434A1] A stopper for the threaded neck of a receptacle comprises: (a) a base surface (5), and (b) an annular skirt (6) projecting from the base and with an internal thread, and with: (c) a hermetic circular joint (4) of dia. greater than the exterior dia. of the neck of the receptacle, fixed in the body of the capsule adjacent to the base. The body of the capsule has means for tightening the joint against the outer face and the exterior edge of the neck, formed by an interior rim at the intersection of the skirt and the base of the capsule body. The joint (4) is formed by, or contains, a plastic material with high modulus of rigidity, as a barrier against gas, and the rim (9) defines, within the body of the capsule, at a height greater than the thickness of the joint (4), a truncated cone with an angle at the top not greater than 90 degrees C, and fitting together by a concave part (12) with the base (5), and by a concave part (13) with the skirt (6). <IMAGE>

IPC 1-7

B65D 41/04

IPC 8 full level

B65D 41/04 (2006.01)

CPC (source: EP US)

B65D 41/045 (2013.01 - EP US)

Cited by

FR2783509A1; DE19712364A1; CN113291618A; DE102019133231A1; CN111332597A; DE102019133231B4; US6220466B1; US8016148B2; WO0040472A1; WO9735779A1

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