

Title (en)

Sealing capsule for the mouth of a receptacle, in particular a bottle

Title (de)

Dichtungskapsel für die Öffnung eines Behälters, v.a. einer Flasche

Title (fr)

Capsule de fermeture pour ouverture de récipient, en particulier une bouteille

Publication

EP 1918218 A2 20080507 (EN)

Application

EP 07119586 A 20071030

Priority

IT TO20060781 A 20061102

Abstract (en)

The capsule (1) is intended to seal the mouth of a receptacle (2), in particular a bottle, which has a neck (3) with a top surface (4) and with an outer retaining collar (5) spaced from said top surface (4). The capsule (1) is formed as one piece and has: a ring (6) able to snap-engage beyond the retaining collar (5) of the receptacle (2), a cap (7) hinged with the ring (6) by means of an integral hinge (8) and having an inner tubular skirt (7a) able to engage in a liquid-tight manner against an inner surface (3a) of the neck (3) of the receptacle adjacent to the top surface (4) and, around said skirt (7a), an annular bearing surface (7b) intended to press against the top surface (4) of the neck of the receptacle, and a tamper-evident strip or band (9) able to connect the cap (7) to the ring (6) and be pulled off during initial opening of the capsule (1). The cap (7) has moreover an outer circumferential skirt (7c), coaxial with the inner skirt (7a) and able to engage in a liquid-tight manner against an outer surface (3b) of the neck (3) of the receptacle (2) adjacent to the top surface (4), so that the cap (7) is sealingly joined substantially continuously to a surface which extends astride the edge (4) of the mouth of the receptacle (2).

IPC 8 full level

B65D 41/32 (2006.01)

CPC (source: EP)

B65D 55/16 (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1918218 A2 20080507; EP 1918218 A3 20080820; IT TO20060781 A1 20080503

DOCDB simple family (application)

EP 07119586 A 20071030; IT TO20060781 A 20061102