

Title (en)  
RESERVOIR CAP

Title (de)  
BEHÄLTERKAPPE

Title (fr)  
BOUCHON DE RÉSERVOIR

Publication  
**EP 3351486 A1 20180725 (EN)**

Application  
**EP 18152698 A 20180122**

Priority  
IT 201700006851 A 20170123

Abstract (en)  
A reservoir cap (1) configured to be coupled to a neck (4A) of a container (4) at its opening (5), comprising a body (3) having a cup-shaped portion (9) closed at its bottom by a breakable wall (31), the first body (3) comprising at least one sealing element (32) with said neck (4A), the cap also comprising a cutter (2) provided with a head (20) from which extends a cylindrical surface (21) which is internally hollow that, when coupled to the cup-shaped portion, forms together with at least a part of the cup-shaped portion (9) a reservoir (S) for said product (10), the cutter sliding in a sealed manner inside the cup-shaped portion (9) and comprising a cutting surface (24) of the breakable wall (31) formed at a free end (22) of the cylindrical surface, the cup-shaped portion (9) being configured so that, when the cap is placed on the container (4) and the product is in the reservoir (S), the cutter (2), pushed with force against the breakable wall (31) thereof, at least partially separates the breakable wall from the cup-shaped portion (9) which causes the introduction of said product by fall into the container (4), characterised in that at least a part of the outer surface of the cutter is made of said thermoplastic material that absorbs moisture.

IPC 8 full level  
**B65D 51/28** (2006.01); **B65D 81/26** (2006.01)

CPC (source: EP US)  
**B65D 51/285** (2013.01 - EP US); **B65D 51/30** (2013.01 - US); **B65D 81/22** (2013.01 - US); **B65D 81/266** (2013.01 - EP US)

Citation (search report)

- [YD] EP 2704962 A1 20140312 - BORMIOLI ROCCO SPA [IT]
- [Y] EP 2093162 A1 20090826 - AIRSEC SAS [FR]
- [Y] EP 0454967 A2 19911106 - GAPLAST GMBH [DE]
- [Y] US 2016264323 A1 20160915 - JEON YOUNG-BOK [KR]
- [E] WO 2018060799 A1 20180405 - BORMIOLI ROCCO SPA [IT]

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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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