

Title (en)  
CAPSULE WITH STRUCTURE FOR CONTAINING AND RELEASING A PRODUCT

Title (de)  
KAPSEL MIT STRUKTUR ZUR AUFNAHME UND ABGABE EINES PRODUKTS

Title (fr)  
CAPSULE À STRUCTURE DESTINÉE À CONTENIR ET À LIBÉRER UN PRODUIT

Publication  
**EP 3519319 B1 20201028 (EN)**

Application  
**EP 17777971 A 20170913**

Priority  
• IT 201600097495 A 20160928  
• IB 2017055519 W 20170913

Abstract (en)  
[origin: WO2018060799A1] A closure capsule for closing a container, comprising: -a support (2) for a first product, said support (2) being applicable to a container and comprising a frangible bottom (20); -a cutter (3) comprising a drum (31) having at a first end (33), a cutting edge (30) to be positioned opposite the frangible bottom (20); said drum (31) forming or contributing to forming a concavity (32) which extends starting from said first end (33). The capsule (1) assumes at least a first and a second configuration. In the first configuration the frangible bottom (20) is intact and at least said frangible bottom (20) and said concavity (32) form in combination a chamber (200) adapted to contain the first product. In the second configuration said frangible bottom (20) is open to allow a mixing of the first product with a product present in the container (10). At least a part of the cutter (3) is defined at least by: - a matrix (41) made of a plastic material; - particles (42) absorbing humidity dispersed within the matrix (41); - a surface coating (43) that acts as a barrier to the passage of humidity, said surface coating (43) surrounding the matrix (41) made of plastic material.

IPC 8 full level  
**B65D 81/26** (2006.01); **B65D 51/28** (2006.01); **B65D 51/30** (2006.01)

CPC (source: EP US)  
**B65D 25/08** (2013.01 - US); **B65D 51/285** (2013.01 - EP US); **B65D 51/30** (2013.01 - EP US); **B65D 81/266** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**WO 2018060799 A1 20180405**; BR 112019006140 A2 20190618; BR 112019006140 B1 20221116; CA 3038463 A1 20180405; CA 3038463 C 20211109; EP 3519319 A1 20190807; EP 3519319 B1 20201028; ES 2840077 T3 20210706; IT 201600097495 A1 20180328; MX 2019003518 A 20190911; US 2019248569 A1 20190815

DOCDB simple family (application)  
**IB 2017055519 W 20170913**; BR 112019006140 A 20170913; CA 3038463 A 20170913; EP 17777971 A 20170913; ES 17777971 T 20170913; IT 201600097495 A 20160928; MX 2019003518 A 20170913; US 201716329320 A 20170913