

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 A1 20190807 (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
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Citation (search report)
See references of WO 2018060799A1

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