

Title (en)  
CAPSULE

Title (de)  
KAPSEL

Title (fr)  
CAPSULE

Publication  
**EP 4048608 B1 20230607 (EN)**

Application  
**EP 20800727 A 20201020**

Priority  
• IT 201900019424 A 20191021  
• IB 2020059852 W 20201020

Abstract (en)  
[origin: WO2021079267A1] Described is a capsule (1) comprising: - a casing (2) which has an axis (Z) of longitudinal extension, the casing (2) comprising a base wall (201) and a lateral wall (202) defining an open cavity (203), designed to contain an initial product to be added to a fluid to obtain a final product, and a flange edge (204) extending from said lateral wall (202); - a covering element (3) fixed to the flange edge (204) for closing the cavity (203), which can be perforated by an extraction device of a dispensing machine in which the capsule (1) can be used; - a closing element (4) fixed to the base wall (201) which can be perforated by a fluid injection device of the dispensing machine comprising piercing blades. The base wall (201) comprises an edge region (205), which is annular and extends up to the lateral wall (202), a central region (206), and a groove (207), which is interposed between the central region (206) and the edge region (205) and is shaped to receive the piercing blades; and wherein the closing element (4) has a central portion (401), configured for being fixed to the central region (206) and an edge portion (402), configured for being fixed to the edge region (205), and wherein the central region (206) and the edge region (205) extend on respective planes which are offset from each other along the axis (Z) in such a way that an intermediate portion (403) of the closing element (4), interposed between the central portion (401) and the edge portion (402) for closing the groove (207), is inclined.

IPC 8 full level  
**B65D 85/804** (2006.01)

CPC (source: EP US)  
**B65D 65/40** (2013.01 - US); **B65D 65/466** (2013.01 - US); **B65D 85/8043** (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 2021079267 A1 20210429**; AU 2020371288 A1 20220512; CA 3158170 A1 20210429; EP 4048608 A1 20220831; EP 4048608 B1 20230607; ES 2951085 T3 20231017; IT 201900019424 A1 20210421; JP 2022553319 A 20221222; US 2022388763 A1 20221208

DOCDB simple family (application)  
**IB 2020059852 W 20201020**; AU 2020371288 A 20201020; CA 3158170 A 20201020; EP 20800727 A 20201020; ES 20800727 T 20201020; IT 201900019424 A 20191021; JP 2022523477 A 20201020; US 202017770166 A 20201020