

Title (en)
CAPSULE

Title (de)
KAPSEL

Title (fr)
CAPSULE

Publication
EP 3844083 A1 20210707 (EN)

Application
EP 19769240 A 20190808

Priority
• IT 201800008257 A 20180830
• IB 2019056749 W 20190808

Abstract (en)
[origin: WO2020044146A1] Described is a capsule (1) comprising a case (2), which includes a base wall (201), comprising a outlet opening (206), and a side wall (202), defining a cavity (203) for containing an initial preparation (P) to be joined to a fluid (F) to obtain a final preparation (FP); a flanged edge (204) extending from the side wall (202). The capsule comprises a covering element (3) fixed to the flanged edge (204) in order to hermetically seal the cavity (203) and a closing element (4) fixed in an at least partly detachable manner to the base wall (201) in order to hermetically seal the outlet opening (206). The capsule also comprises a nozzle (5) fixed to the covering element (3) which extends through the outlet opening (206). The nozzle (5) comprises: a first end (501) and a second end (502) which are opposite to one another, between which extends an outer wall (503), wherein the first end (501) comprises an inlet opening (504) for receiving a device (6) for injecting fluid (F) and wherein the second end (502) comprises a dispensing opening (505) for allowing the final preparation (FP) to come out in a use container (7); a conduit (506) which extends from the inlet opening (504) to the dispensing opening (505), the outer wall (503) being configured for feeding to the cavity (203) the fluid received from the inlet opening (504) in a step of injecting the fluid (F) and for discharging the final preparation (FP) from the cavity (203) to the dispensing opening (505) in a step of dispensing the final preparation (FP). The nozzle (5) comprises a further conduit (510) containing a further initial preparation (PP); wherein the further conduit (510) is separated from the conduit (506) and extends up to a further dispensing opening (509) in the second end (502) for allowing the further initial preparation (PP) to come out, separately from the final preparation (FP) in a further dispensing step.

IPC 8 full level
B65D 85/804 (2006.01)

CPC (source: EP US)
B65D 85/8049 (2020.05 - EP US); **B65D 85/8052** (2020.05 - EP US); **B65D 85/8061** (2020.05 - EP US)

Citation (search report)
See references of WO 2020044146A1

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)
WO 2020044146 A1 20200305; EP 3844083 A1 20210707

DOCDB simple family (application)
IB 2019056749 W 20190808; EP 19769240 A 20190808