

Title (en)
CAPSULE FOR INFUSING A BEVERAGE

Title (de)
KAPSEL ZUR INFUSION EINES GETRÄNKES

Title (fr)
CAPSULE POUR INFUSION DE BOISSON

Publication
EP 3998221 A4 20220831 (EN)

Application
EP 20836052 A 20200304

Priority
• ES 201931167 U 20190709
• ES 2020070159 W 20200304

Abstract (en)
[origin: EP3998221A1] The capsule for infusing a beverage comprises a structure in the form of a bowl (1) which includes a base (6), a lateral wall (9) and a mouth which is closed by a cover (3). A first objective of the invention is to reduce the amount of plastic material employed in the manufacture of the capsule; a second objective of the invention is to reduce the complexity of its manufacture; and a third objective of the invention is to achieve the opening of the capsule by means of the breaking of a laminar membrane (5) solely by means of an increase in the pressure of the liquid mixture within the capsule without physical contact of an additional element in order to break said laminar membrane (5) which separates a lower chamber from an upper chamber. All of the above enables an emulsion of the foodstuff (for example, coffee) with the formation of a long-lasting rich, abundant cream.

IPC 8 full level
B65D 85/804 (2006.01)

CPC (source: EP)
B65D 85/8052 (2020.05)

Citation (search report)
• [Y] EP 3315429 A1 20180502 - COCATECH S L U [ES]
• [A] WO 2018025120 A1 20180208 - BISIO PROGETTI SPA [IT]
• [Y] WO 2008087553 A1 20080724 - REWISA AG [CH], et al
• [Y] EP 3071495 A1 20160928 - BISIO PROGETTI SPA [IT]
• [Y] WO 2018154437 A1 20180830 - BISIO PROGETTI SPA [IT]
• [Y] DE 102007024579 A1 20081127 - INDE PLASTIK BETR SGMBH [DE]
• [AP] IT 201800004732 A1 20191019
• [E] WO 2020216972 A1 20201029 - COCATECH S L U [ES]
• See also references of WO 2021005251A1

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)
EP 3998221 A1 20220518; EP 3998221 A4 20220831; EP 3998221 B1 20230920; EP 3998221 C0 20230920; ES 1235376 U 20190927; ES 1235376 Y 20191218; ES 2961339 T3 20240311; JP 2022540438 A 20220915; WO 2021005251 A1 20210114

DOCDB simple family (application)
EP 20836052 A 20200304; ES 201931167 U 20190709; ES 2020070159 W 20200304; ES 20836052 T 20200304; JP 2022500826 A 20200304