

Title (en)

A DISPENSING SYSTEM OF COMESTIBLE CREAM

Title (de)

AUSGABESYSTEM FÜR ESSBARE CREME

Title (fr)

SYSTÈME DE DISTRIBUTION DE CRÈME COMESTIBLE

Publication

EP 3840892 B1 20231206 (EN)

Application

EP 19770196 A 20190820

Priority

- IT 201800008152 A 20180822
- IB 2019057004 W 20190820

Abstract (en)

[origin: WO2020039343A1] A dispensing system of comestible cream (1) is described, comprising: a container of comestible cream (2) which in turn comprises: first chamber (3); a first opening (4) which is in communication with the first chamber (3); a second chamber (5) which is in communication with the first chamber (3); a dispensing conduit (6) which is in fluid communication with the outside and which communicates with the second chamber (5) for dispensing the comestible cream towards the outside. The container of comestible cream (2) comprises a first piston (7) which is slidable along the internal walls of the first chamber (3) in order to reduce the volume of the first chamber (3). The dispensing system of comestible cream (1) comprises a second piston (8) which is slidable along the internal walls of the second chamber (5) and is configured so that during an operating cycle: the activating of the second piston (8) from a first position (A) to a second position (B) determines a depression in the second chamber (5) which causes conveying of a first part of comestible cream into the second chamber (5) and the sliding of the first piston (7) along the internal walls of the first chamber (3); the activating of the second piston (8) from the second position (B) towards the first position (A) determines an overpressure in the second chamber (5) which causes dispensing towards the outside of a second part of comestible cream.

IPC 8 full level

B05B 11/00 (2023.01); **B05B 11/02** (2023.01); **B05B 11/10** (2023.01)

CPC (source: EP)

B05B 11/028 (2023.01); **B05B 11/1001** (2023.01); **B05B 11/1067** (2023.01)

Citation (examination)

- JP H06298269 A 19941025 - YOSHINO KOGYOSHO CO LTD
- DE 102007007402 A1 20070830 - RPC BRAMLAGE GMBH [DE]
- DE 29717034 U1 19990128 - WISCHERATH JOSEF GMBH CO KG [DE]
- US 5842605 A 19981201 - LEHMKUHL ROBERT A [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 2020039343 A1 20200227; EP 3840892 A1 20210630; EP 3840892 B1 20231206; EP 3840892 C0 20231206; ES 2975539 T3 20240708; IT 201800008152 A1 20200222

DOCDB simple family (application)

IB 2019057004 W 20190820; EP 19770196 A 20190820; ES 19770196 T 20190820; IT 201800008152 A 20180822