

Title (en)

A METHOD AND MACHINE FOR MANUFACTURING A CAPSULE FOR SMOKING ARTICLES, A CAPSULE FOR SMOKING ARTICLES, AND USE OF THIS CAPSULE IN AN AUTOMATIC MACHINE

Title (de)

VERFAHREN UND MASCHINE ZUR HERSTELLUNG EINER KAPSEL FÜR RAUCHARTIKEL, KAPSEL FÜR RAUCHARTIKEL UND VERWENDUNG DIESER KAPSEL IN EINER AUTOMATISCHEN MASCHINE

Title (fr)

PROCÉDÉ ET MACHINE DE FABRICATION D'UNE CAPSULE POUR ARTICLES À FUMER, CAPSULE POUR ARTICLES À FUMER ET UTILISATION DE CETTE CAPSULE DANS UNE MACHINE AUTOMATIQUE

Publication

**EP 3932226 A1 20220105 (EN)**

Application

**EP 21182749 A 20210630**

Priority

IT 202000016105 A 20200703

Abstract (en)

The present invention relates to a method for manufacturing a capsule (1) for smoking articles. The capsule (1) comprises: a longitudinal development axis (H), a side wall (2) having a predetermined dimension, a lower end edge (20) and an upper end edge (21), a bottom (3), an opening (4) to allow the introduction of a product, and a closing element (5), arranged to close the opening (4). The method comprises the steps of: e) providing the side wall (2) of the capsule (1); and f) filling the capsule (1) with a product; In particular, the method also includes the steps of: g) determining the amount of product to be introduced into the capsule (1) before step b); and h) arranging the bottom (3) and/or the closing element (5) at a definite distance (D) from the lower end edge (20) and/or the upper end edge (21) based on the quantity of product determined in step c).

IPC 8 full level

**A24F 40/70** (2020.01)

CPC (source: EP US)

**A24F 40/20** (2020.01 - US); **A24F 40/42** (2020.01 - US); **A24F 40/70** (2020.01 - EP US); **B65B 1/02** (2013.01 - US); **B65B 1/04** (2013.01 - US); **B65B 1/30** (2013.01 - US); **B65B 7/28** (2013.01 - US); **B65B 57/00** (2013.01 - US); **B65D 85/70** (2013.01 - US); **B65B 59/001** (2019.04 - EP)

Citation (search report)

- [XYI] EP 3424670 A1 20190109 - GD SPA [IT]
- [X] US 2019216128 A1 20190718 - FUJITA NORITOSHI [LU]
- [XY] US 2017233114 A1 20170817 - CHRISTENSEN STEVEN [US], et al
- [A] WO 2019123297 A1 20190627 - GD SPA [IT]

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 3932226 A1 20220105**; IT 202000016105 A1 20220103; JP 2022013806 A 20220118; US 2022000185 A1 20220106

DOCDB simple family (application)

**EP 21182749 A 20210630**; IT 202000016105 A 20200703; JP 2021106260 A 20210628; US 202117363957 A 20210630