

Title (en)

SINGLE-SERVE CAPSULE FOR PRODUCING A BEVERAGE

Title (de)

PORTIONSKAPSEL ZUM HERSTELLEN EINES GETRÄNKES

Title (fr)

CAPSULE POUR LA PRÉPARATION D'UNE BOISSON

Publication

EP 3571140 A1 20191127 (DE)

Application

EP 18716094 A 20180323

Priority

- DE 102017005363 A 20170607
- EP 2018000112 W 20180323

Abstract (en)

[origin: WO2018224177A1] The invention relates to a single-serve capsule for producing a beverage such as coffee or tea in a beverage apparatus which, at its outlet end, is closed by a housing base and, at the opposite, inlet end, forms an opening which is closed by a sheet material, which can be perforated by a device in order for water containing a beverage substrate, granules and/or powder be forced into the capsule interior, wherein the housing base of the capsule has weak points which, in the presence of liquid pressure in the capsule interior, open, break or tear in order to allow liquid to pass from the interior of the capsule to the beverage outlet, and wherein the housing base is covered by a disc-like inner plate, of which the outer periphery has liquid passages through which, in the presence of liquid pressure, the liquid flows from the interior of the capsule to the weak points of the base.

IPC 8 full level

B65D 85/804 (2006.01)

CPC (source: EP RU US)

B65D 85/804 (2013.01 - RU); **B65D 85/8043** (2013.01 - EP RU US); **B65D 85/8049** (2020.05 - RU)

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)

DE 102017005363 A1 20181213; BR 112019019968 A2 20200428; CN 110546082 A 20191206; CO 2019011468 A2 20200228;
EP 3571140 A1 20191127; EP 3571140 B1 20240717; EP 3571140 C0 20240717; MX 2019012302 A 20200113; RU 2019130380 A 20210326;
RU 2019130380 A3 20210326; RU 2749230 C2 20210607; WO 2018224177 A1 20181213

DOCDB simple family (application)

DE 102017005363 A 20170607; BR 112019019968 A 20180323; CN 201880027398 A 20180323; CO 2019011468 A 20191017;
EP 18716094 A 20180323; EP 2018000112 W 20180323; MX 2019012302 A 20180323; RU 2019130380 A 20180323