

Title (en)

SINGLE-DOSE CAPSULE FOR MACHINES DELIVERING INFUSED BEVERAGES, IN PARTICULAR COFFEE

Title (de)

EINZELDOSIS-KAPSEL FÜR MASCHINEN ZUR ABGABE VON GETRÄNKEN, INSBESONDERE KAFFEE

Title (fr)

CAPSULE À DOSE UNIQUE DESTINÉE À DES MACHINES DISTRIBUANT DES BOISSONS INFUSÉES, EN PARTICULIER DU CAFÉ

Publication

**EP 3917859 A1 20211208 (EN)**

Application

**EP 20703085 A 20200115**

Priority

- IT 201900001291 A 20190129
- IB 2020050298 W 20200115

Abstract (en)

[origin: WO2020157592A1] A disposable and single-dose capsule (1) for a machine for preparing infused beverages, said capsule (1) comprising: a main body (100) shaped like a cup, having - a containment region (110) of a measured dose of a coffee powder; and - a dispensing region (120), which has a toroidal infusion chamber (121) and an outlet duct (122) in communication with the chamber (121) and configured for dispensing of the beverage; a membrane (400) separating the reception (110) and dispensing (120) regions, which is torn by the fluid pressure which is established within the main body (100) during the preparation of the beverage; a filtering disc (300) arranged within the containment region (110) and abutting on the membrane (400), which has a raised crown portion (310) provided with a plurality of openings (301), which crown portion (310) is arranged on the opposite side of the infusion chamber (121), wherein the fluid passing through the openings (301) of the crown portion (310) tears the membrane (400) and flows into the chamber (121) and from the latter through the outlet duct (122).

IPC 8 full level

**B65D 85/804** (2006.01)

CPC (source: EP)

**B65D 85/8043** (2013.01)

Citation (search report)

See references of WO 2020157592A1

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 2020157592 A1 20200806**; EP 3917859 A1 20211208

DOCDB simple family (application)

**IB 2020050298 W 20200115**; EP 20703085 A 20200115