

Title (en)

CAPSULE FOR INFUSION AND SOLUBLE BEVERAGES WITH ANTI-DRIP SYSTEM

Title (de)

KAPSEL FÜR INFUSIONS- UND LÖSLICHE GETRÄNKE MIT TROPFSCHUTZSYSTEM

Title (fr)

CAPSULE POUR BOISSONS INFUSÉES ET SOLUBLES AVEC SYSTÈME ANTI-GOUTTE

Publication

**EP 3585708 A1 20200101 (EN)**

Application

**EP 18712456 A 20180220**

Priority

- IT 201700019425 A 20170221
- IB 2018051033 W 20180220

Abstract (en)

[origin: WO2018154437A1] A capsule (1) for the preparation of infusion or soluble beverages comprises, among other things, an inner base (33) having a labyrinth (30) adapted to prevent, by capillarity, the passage of the infused beverage towards the opening (31) when the pressure inside the capsule (1) drops below a threshold value. In particular, the labyrinth (30) comprises a plurality of capillary channels (321), each capillary channel (321) being defined between two adjacent labyrinth portions (30) and closed at the top by the sealing disc (5). Advantageously, the section of the capillary channels (321) ranges from 0.01 mm<sup>2</sup> to 0.36 mm<sup>2</sup>, preferably between 0.08 mm<sup>2</sup> and 0.15 mm<sup>2</sup>.

IPC 8 full level

**B65D 85/804** (2006.01)

CPC (source: EP RU US)

**B65D 85/8055** (2020.05 - EP RU US)

Citation (search report)

See references of WO 2018154437A1

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 2018154437 A1 20180830**; BR 112019014927 A2 20200331; CN 110312665 A 20191008; CN 110312665 B 20211008; EP 3585708 A1 20200101; EP 3585708 B1 20210120; ES 2871375 T3 20211028; IT 201700019425 A1 20180821; RU 2743305 C1 20210216; US 2019367260 A1 20191205

DOCDB simple family (application)

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