

Title (en)

A BEVERAGE CAPSULE WITH ANTI-DRIPPING MEMBRANE

Title (de)

GETRÄNKEKAPSEL MIT TROPFSCHUTZMEMBRAN

Title (fr)

CAPSULE DE BOISSON AVEC MEMBRANE ANTI-ÉGOUTTEMENT

Publication

**EP 2892824 A1 20150715 (EN)**

Application

**EP 13756172 A 20130903**

Priority

- EP 12183057 A 20120905
- EP 2013068164 W 20130903
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Abstract (en)

[origin: WO2014037339A1] The present invention concerns a beverage capsule (11) comprising capsule side walls (20), a capsule top, and a capsule bottom (21) having a dispensing outlet (22), that define a chamber for containing a food or beverage precursor ingredient soluble and/or extractable when a fluid is injected inside said chamber under pressure, said capsule (11) further comprising a pressure-sensitive membrane (25), characterized in that said pressure-sensitive membrane (25) comprises at least one weakened or precut zone defining a non-reclosable opening (26) which : (i) elastically and plastically opens, respectively widens when the fluid pressure inside said capsule reaches a predetermined value between 0.5 and 20 bar relative pressure, and then (ii) maintains a widen configuration after the fluid pressure within the chamber is released to an atmospheric pressure value, such that the width of said at least one opening (26) does not exceed 1 mm.

IPC 8 full level

**B65D 85/804** (2006.01)

CPC (source: EP US)

**B65D 17/404** (2017.12 - US); **B65D 65/38** (2013.01 - US); **B65D 85/8046** (2013.01 - EP US); **B65D 85/8055** (2020.05 - EP US); **B65D 2517/002** (2013.01 - US); **B65D 2565/388** (2013.01 - US)

Citation (search report)

See references of WO 2014037339A1

Cited by

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