

Title (en)

CAPSULE FOR MACHINES FOR PREPARING INFUSED BEVERAGES AND PROCESS FOR MAKING A CAPSULE

Title (de)

KAPSEL FÜR MASCHINEN ZUM ZUBEREITEN EINES BRÜHGETRÄNKES UND HERSTELLUNGSVERFAHREN EINES KAPSELS

Title (fr)

CAPSULE POUR MACHINES POUR PRÉPARER UNE BOISSON INFUSÉE ET PROCÉDÉ DE FABRICATION D'UNE CAPSULE

Publication

EP 3604175 A1 20200205 (EN)

Application

EP 19188804 A 20190729

Priority

IT 201800007760 A 20180802

Abstract (en)

A capsule (100) for machines for preparing infused beverages is described, comprising: a body (2) shaped like a bowl, comprising a side wall (4) extending around an axis (X-X) and a bottom wall (3); said body being made of paper or paper material; said body (2) being sized so as to contain a predetermined amount of a powdered preparation for preparing an infused beverage; said capsule (100) being further provided with an annular peripheral edge (18) designed to abut against a bearing surface of an infusion chamber of an infusion assembly when the capsule (100) is inserted into said chamber; said annular peripheral edge (18) comprising a first annular portion (19) made integrally with said bowl body (2); said first annular portion (19) having a head surface (26) arranged substantially parallel to the axis (X-X) at its radially outer perimeter; and an annular reinforcing element (20) comprising a second annular portion (21) applied to said first annular portion (19), said second annular portion (21) having a head surface (26) arranged substantially parallel to the axis (X-X) at its radially outer perimeter; at least one liquid-proofing glue or resin layer applied at least at and covering said head surfaces (26, 27). A process for making said capsule is also described.

IPC 8 full level

B65D 85/804 (2006.01)

CPC (source: EP US)

B65D 85/8043 (2013.01 - EP US); **B65D 65/466** (2013.01 - EP)

Citation (search report)

- [A] EP 2573008 A1 20130327 - CAPITANI SRL [IT]
- [A] US 2011247975 A1 20111013 - RAPPARINI GINO [IT]
- [A] WO 2010006936 A1 20100121 - NESTEC SA [CH], et al
- [A] AU 2015238913 A1 20151112 - NESTEC SA [CH]
- [A] DE 202015100812 U1 20160527 - HUBER CHRISTOPH [CH]
- [A] DE 69205232 T2 19960314 - NESTLE SA [CH]

Cited by

EP4056368A1; EP3922571A1

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 3604175 A1 20200205; **EP 3604175 B1 20210505**; ES 2880689 T3 20211125; IT 201800007760 A1 20200202

DOCDB simple family (application)

EP 19188804 A 20190729; ES 19188804 T 20190729; IT 201800007760 A 20180802