

Title (en)
CAPSULE FOR BEVERAGES

Title (de)
KAPSEL FÜR GETRÄNKE

Title (fr)
CAPSULE POUR BOISSONS

Publication
EP 3983313 B1 20220706 (EN)

Application
EP 21711959 A 20210218

Priority
• IT 202000003425 A 20200219
• IT 202000007669 A 20200409
• IB 2021051366 W 20210218

Abstract (en)
[origin: WO2021165866A1] A capsule (1) is proposed comprising a casing (2) that extends about an axis (Z), which comprises a base wall (201) and a side wall (202) defining a cavity (203) containing an initial product to be joined to a fluid to obtain a final product, and a flanged edge (212) extending from said side wall (202) and comprising, at the outer end, an annular bead (205). A covering element (3) is fixed to the flanged edge (212) to close the cavity (203); a sealing element (4) is associated with the flanged edge (212) to make a fluidic seal with a dispensing machine. The casing (2) is made of aluminium and the sealing element (4) comprises a cellulose-based ring (401). The flanged edge (212) comprises a first portion (211) which comprises the annular bead (205) and a second portion (207) contiguous with the side wall (202), which is annular and lies on a first plane; the first portion (211) is contained in a half-space, defined by the first plane and facing the base wall (201), extends in a direction parallel to the axis (Z) towards the base wall (201) as far as a free edge (205') of the annular bead (205) and is defined without discontinuity from a border (2') of the casing (2) as far as the second portion (207) through the annular bead (205), between the first portion (211) and the side wall (202) facing the first portion (211), a recess (210) being defined in which the ring (401) is accommodated, the free edge (205') of the annular bead (205) being at a respective first distance (D1) from the first plane that is greater than or the same as the thickness of the ring (401), so that the recess (210) contains the ring (401) entirely.

IPC 8 full level
B65D 85/804 (2006.01)

CPC (source: EP IL US)
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Citation (opposition)
Opponent : Dualit Ltd.
• WO 2019092144 A1 20190516 - GORT BARTEN ALEX [GB]
• EP 1654966 A1 20060510 - NESTEC SA [CH]
• WO 2016186488 A1 20161124 - DOUWE EGBERTS BV [NL]
• WO 2007113100 A2 20071011 - NESTEC SA [CH], et al
• WO 2015101394 A1 20150709 - LANDMAX LTD [CN], et al
• US 2011297005 A1 20111208 - MARILLER ALAIN [CH]
• WO 2020225390 A1 20201112 - GORT BARTEN ALEX [GB], et al
• WO 2010137956 A1 20101202 - SARA LEE DE NV [NL], et al

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