

Title (en)

CAPSULE, METHOD FOR REALISING A CAPSULE AND REEL THAT CAN BE USED TO REALISE THE CAPSULE

Title (de)

KAPSEL, VERFAHREN ZUR HERSTELLUNG EINER KAPSEL UND ROLLE ZUR HERSTELLUNG DER KAPSEL

Title (fr)

CAPSULE, PROCÉDÉ DE RÉALISATION D'UNE CAPSULE ET BOBINE POUVANT ÊTRE UTILISÉE POUR RÉALISER LA CAPSULE

Publication

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Application

EP 21716548 A 20210316

Priority

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Abstract (en)

[origin: WO2021186336A1] A capsule (1) is described herein, comprising: - a casing (2), for example made of compostable material, which comprises a base wall (201) and a side wall (202) defining a cavity (203) containing an initial product (P) to be combined with a fluid to obtain a final product, and a flanged edge (204) extending from said side wall (202); - a covering element (3; 3'), fixed to the flanged edge (204) so as to close the cavity (203), which is perforable by an extraction device of a dispensing machine and through which the final product can be dispensed; wherein the covering element (3; 3') is made of a material comprising a layered structure, for example compostable, comprising a first layer (301) of coating, which is an external layer and is, for example, a barrier to oxygen and moisture, a second layer (302), also being a coating layer, which is for example a barrier to oxygen and moisture, a third layer (303) of support, which is interposed between the first layer (301) of coating and the second layer (302) of coating and is mutually coupled thereto, for example made of PLA or being cellulose-based; the capsule (1) comprising - at least one filtering element (401; 402), for example made of compostable material, interposed between the covering element (3; 3') and the initial product (P), - wherein the filtering element (401; 402) is separate with respect to the covering element (3; 3'), the filtering element (401; 402) and the covering element (3; 3') being mutually distinct components so as to ensure that after passing through the filtering element (401; 402), the final product present between the filtering element (401; 402) and the covering element (3; 3') can keep the covering element (3; 3') spaced from the filtering element (401; 402). A method is also described herein for making the capsule (1) and a reel of material, usable for making the capsule.

IPC 8 full level

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CPC (source: EP)

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