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(54) Title: COMPOSTABLE POD FOR BEVERAGE PREPARATION

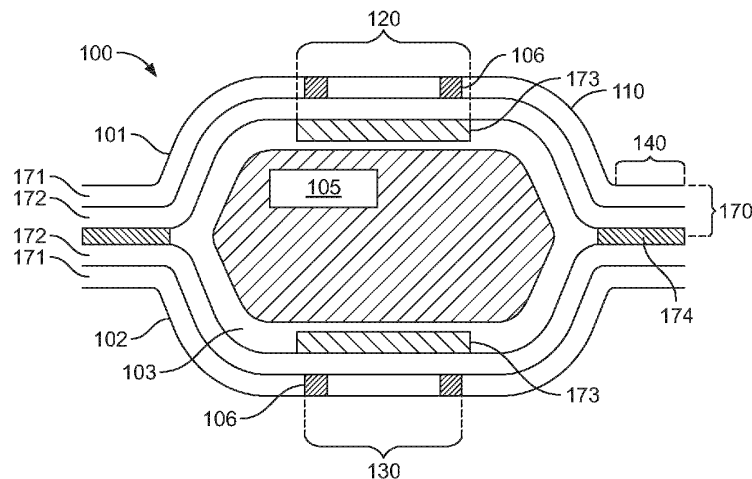


FIG. 1

(57) Abstract: The invention relates to a pod (100, 200) for preparing a beverage in a beverage production machine, wherein the pod (100, 200) is made of a biodegradable, preferably compostable, material composition and comprises a pod body (110) composed of two half-shells (101, 102) being connected to each other along their respective circumferential flange (140) so as to delimit a chamber (103) for containing a substance (105) for the preparation of the beverage. The at least one half-shell comprises in a layered manner: • A primary layer (171) made of a paper-based material; • A secondary layer (172) with at least an oxygen barrier function and optionally a water barrier function; and • An at least partial, tertiary layer (173) with a filter function. The primary layer of said at least one half-shell (106) comprises at least one non-traversing pre-cut hole and/or scratch forming a pre-cut pattern (108) or scratch's pattern (I, CE) over at least a delivery portion (130) of the half-shell adapted to interact with external opening elements of the beverage production machine, under the effect of rising pressure of the fluid being injected into the pod (100, 200) through an injection portion (120) on

[Continued on next page]

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the other half-shell (101, 102), to dispense the prepared beverage from the pod (100, 200). The invention also relates to the use of said pod in a beverage production machine.