Patent claims:

1. A portion capsule (1) for producing a beverage, said portion capsule (1) having a cavity in which a raw beverage material is provided, wherein, in order to produce the beverage, an opening (4, 14) is introducible into the portion capsule (3), characterized in that the opening (4, 14) is provided at a distance from a plane of symmetry (5, 6).

2. The portion capsule as claimed in claim 1 or according to the preamble of patent claim 1, characterized in that there are provided a plurality of openings (4, 14) which are distributed in an asymmetrical manner with respect to a first plane (5) that extends in an axial direction (12).

3. The portion capsule as claimed in either of the preceding claims, characterized in that the openings (4, 14) are distributed in a symmetrical manner with respect to a second plane (6).

4. The portion capsule as claimed in one of the preceding claims, characterized in that the opening (4, 14) is provided in the form of a triangle.

5. The portion capsule as claimed in one of the preceding claims, characterized in that at least two openings (4, 14) are provided along a first plane of symmetry (6) and preferably two openings are provided along a second plane of symmetry (5).

6. The portion capsule (1) as claimed in one of the preceding claims or according to the preamble of

patent claim 1, characterized in that a liquid flows through the cavity and flow takes place onto the capsule at a distance from a plane of symmetry (5, 6).

7. The portion capsule (1) as claimed in one of the preceding claims or according to the preamble of patent claim 1, characterized in that the membrane (3) has a liquid inlet (4) and a venting opening (14).

8. The portion capsule as claimed in one of the preceding claims, characterized in that an opening (9) is provided in the base of the portion capsule, centrally or at a distance from a plane of symmetry.

9. The portion capsule (1) as claimed in one of the preceding claims or according to the preamble of patent claim 1, characterized in that a venting opening (16) is provided in the base.

10. A method for producing a beverage, in which a liquid flows through a portion capsule (1), wherein the portion capsule has to be opened at two points (4, 9) before flow takes place therethrough, characterized in that at least one opening (4) is provided at a distance from a plane of symmetry (5, 6).

11. The method as claimed in claim 10 or according to the preamble of patent claim 10, characterized in that there are provided a plurality of openings (4) which are provided in an asymmetrical manner with respect to a first plane (5) that extends in an axial direction (12).

12. A method for producing a beverage, in which a liquid flows through the cavity (13) in a portion capsule (1), characterized in that flow takes place onto the portion capsule at a distance from one of its planes of symmetry (5, 6) that extends in an axial direction (12).

13. The method as claimed in claim 12 or according to the preamble of patent claim 12, characterized in that flow takes place through the portion capsule in an asymmetrical manner at least in sections and at least temporarily with respect to at least one plane of symmetry (5, 6).

14. The method as claimed in one of the preceding claims, characterized in that the axial direction of the portion capsule (1) is provided in a horizontal manner while flow takes place therethrough.

15. The method as claimed in one of the preceding claims or according to the preamble of patent claim 12, characterized in that, while the liquid (10) flows in, the cavity (13) in the portion capsule is vented at least temporarily via at least one, preferably both openings (14, 16).

Claims

1. A portion capsule (1) for producing a beverage, said portion capsule (1) having a membrane (3) and a cavity in which a raw beverage material is provided, wherein, in order to produce the beverage, a plurality of openings (4, 14), an inlet opening (4) and an outlet opening (9) are introduced, wherein the outlet opening (9) is formed in a base of the portion capsule (1), characterized in that the membrane (3) has the inlet opening (4) and a venting opening (14).

2. A portion capsule (1) for producing a beverage, said portion capsule (1) having a base and a cavity in which a raw beverage material is provided, wherein, in order to produce the beverage, a plurality of openings (4, 14), an inlet opening (4) and an outlet opening (9) are introduced, wherein the inlet opening (4) is formed in a membrane (3) of the portion capsule (1), characterized in that the outlet opening (9) and a venting opening (16) are provided in the base of the portion capsule (1).

3. The portion capsule as claimed in either of the preceding claims, characterized in that the outlet opening (9) is provided in the base of the portion capsule, centrally or at a distance from a plane of symmetry.

4. A method for producing a beverage, wherein a portion capsule (1) is provided with an inlet opening (4), an outlet opening (9) and a venting opening (14), wherein a membrane (3) of the portion capsule (1) is provided with the inlet opening (4) and the venting opening (14), wherein a liquid flows through a cavity (13) in the portion capsule (1), characterized in that, while

the liquid (10) flows in, the cavity (13) in the portion capsule (1) is vented at least temporarily via the venting opening (14).

5. The method as claimed in claim 4, wherein, once gas has escaped from the portion capsule (1), the venting opening (14) acts as a liquid inlet opening.

6. The method as claimed in either of claims 4 and 5, wherein at least one of the inlet opening or venting opening (4, 14) is provided at a distance from a plane of symmetry (5, 6) of the portion capsule (1).

7. The method as claimed in one of claims 4 to 6, wherein the venting opening (14) is provided above the inlet opening (4) with respect to the gravitational field of the Earth.

8. The method as claimed in one of claims 4 to 7, wherein the portion capsule (1) is provided with two inlet openings (4) and two venting openings (14), wherein the venting openings (14) are arranged in a vertical plane one above the other.

9. The method as claimed in claim 8, wherein the liquid (10) is supplied by means of a liquid inlet means which is arranged along the vertical plane between the two venting openings (14).

10. A method for producing a beverage, wherein a membrane (3) of a portion capsule (1) is provided with an inlet opening (4) and a base of the portion capsule (1) is provided with an outlet opening (9), characterized in that an additional venting opening (16) is introduced into the base.

11. The method as claimed in claim 10, wherein the additional venting opening (16) is introduced above the outlet opening (9) arranged in the base, with respect to the gravitational field of the Earth.