Claims

1. A method of manufacturing a coffee container (1a-1g) compatible with a beverage preparation device for preparing a coffee beverage upon injection of liquid into the coffee container, the method comprising the steps of:

- providing different container wall means (2,2a,3a-3g) for enclosing a predefined container volume, wherein the different container wall members (2,2a,3a-3g) are designed for forming alternative container types comprising a first container type for preparing a short coffee beverage with a predefined container volume of between 9ml and 11ml, a second container type for preparing a long coffee beverage with a predefined container volume of between 16ml and 20 ml, and optionally a third container type for preparing a medium size coffee beverage with a predefined container volume of between 13ml and 16ml, wherein the different container wall members include:

a primary wall member;

a first wall member for the first container type;

a second wall member for the second container type; and

a third wall member for the third container type, wherein each of the first wall member, the second wall member, and the third wall member are configured to form each of the first container type, the second container type, and the third container type, respectively, with the primary wall member,

selecting one of the first container wall member(s), the second wall member, and the third wall member as a selected container wall member,

compacting an amount of bulk coffee material to a coffee tablet under a predefined compaction force in the container volume between the selected container wall member(2,2a,3a-3g),

wherein the predefined compaction force is set based on at least the predefined container volume and/or on a particular type of beverage to be prepared from the provided container, and

wherein the predefined compaction force for the first container type configured for preparing the short coffee beverage is set to a value between 1kN and 2.5kN, for the second container type configured for preparing the long coffee beverage is set to a value between 2kN and 5kN, and for the third container type configured for preparing the medium size coffee beverage is set to a value between 1kN and 7kN.

2. The method according to claim 1,

wherein the predefined compaction force is based also on a granulometry of the bulk coffee material and/or on a roasting value of the bulk coffee material.

3. The method according to claim 2,
wherein the granulometry of the bulk coffee material is between 150 to 600 μm and/or wherein the roasting value of the bulk coffee material is between 50 and 120 CTN.

4. The method according to claim 1,
wherein the predefined compaction force is lower for a small particle size and higher for a larger particle size of the bulk coffee material.

5. The method according to claim 1,
wherein the different container wall members comprise a a first enclosing sheet and a second enclosing sheet (2,2a,3a-3g), and wherein the method comprises the step of sealingly connecting the first enclosing sheet and the second enclosing sheet about a circumference of the amount of coffee material under formation of a circumferential flange-like rim portion (4) of the coffee container.

6. The method according to claim 1, wherein a height of the coffee container is between 5mm and 30mm.

7. The method according to claim 5, wherein the first enclosing sheet and the second enclosing sheet are convex.

8. The method according to claim 5, wherein the first enclosing sheet is planar and the second enclosing sheet is convex.

9. A method of manufacturing coffee containers for preparing a coffee beverage upon injection of liquid into each of the coffee containers, the method comprising:

for each of the coffee containers, selecting and providing a container wall member for enclosing a predefined container volume, wherein the coffee container comprise

(i) a first container for a short coffee and having a first predefined container type for which the predefined container volume is between 9ml and 11ml

(ii) a second container for a long coffee having a second predefined container type for which the predefined container volume is between 16ml and 20ml, and

(iii) a third container for a medium coffee and having a third predefined container type for which the predefined container volume is between 13ml and 16ml;

compacting a first bulk coffee material having a granulometry between 200µm and 300µm to a first coffee tablet under a first predefined compaction force in the predefined container volume between the container wall

member of the first container, wherein the fist predefined compaction force for the first container type configured for preparing the short coffee is between 1kN and 2.5kN,

compacting a second bulk coffee material having a granulometry between 300µm and 400µm to a second coffee tablet under a second predefined compaction force in the predefined container volume between the container wall member of the second container, where in the second predefined compaction force for the second container type configured for preparing the long coffee is between 2.5kN and 3.5kN; and

compacting a third bulk coffee material to a third coffee tablet having a granulometry between 150µm and 600µm different than the granulometry of the first and second bulk coffee material under a third predefined compaction force in the predefined container volume between the container wall member of the third container, wherein the third predefined compaction force for the third container type for preparing the medium coffee is between 1kN and 7kN.