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 container, the method comprising the steps of:

- ~~selecting and~~ providing different container wall means (2,2a,3a-3g) for enclosing a predefined container volume, said different selectable container wall means (2,2a,3a-3g) being designed for forming alternative types of containers such as at least a first and a second predefined container type for preparing a short and a long coffee beverage, and optionally at least a third predefined container type for preparing a medium size coffee beverage,
- selecting one container wall means,
- compacting an amount of bulk coffee material such as roast and ground coffee particles to a coffee tablet under predefined compaction force in the container volume between the selected container wall means (2,2a,3a-3g),
- wherein the applied compaction force is set based on at least the ~~provided~~ selected container volume and~~/or~~ on a particular type of beverage to be prepared from the provided container,
- wherein the applied compaction force is set to a value between 0.5 to 15kN, preferably between 1kN and 10kN,
- wherein the applied compaction force is set relatively lower for a smaller container volume respectively a lower amount of coffee material enclosed in the container volume and set relatively higher for a larger container volume respectively a larger amount of coffee material enclosed in the container volume.

2. The method according to claim 1,

wherein the applied compaction force is set based also on the granulometry of the provided bulk coffee material and/or on the roasting value of the bulk coffee material.

3. The method according to any of the preceding claims, wherein a granulometry of the bulk coffee material lies between 150 to 600 μm and/or wherein the roasting value of the bulk coffee material lies between 50 and 120 CTN.

4. The method according to any of the preceding claims, wherein the applied compaction force is set lower for a small particle size and set higher for a larger particle size of the bulk coffee material.

5. The method according to any of the preceding claims, wherein the method comprises the step of sealingly connecting a first and second enclosing sheet (2,2a,3a-3g) constituting the container wall means about a circumference of the enclosed amount of coffee material under formation of a circumferential flange-like rim portion (4) of the container.

~~6. The method according to any of the preceding claims, wherein the different selectable container wall means (2,2a,3a-3g) are designed for forming alternative types of containers such as at least a first and a second predefined container type for preparing a short and a long coffee beverage, and optionally at least a third predefined container type for preparing a medium size coffee beverage.~~

67. The method according to claim 16, wherein the container type for preparing a short coffee beverage has a volume of between 5ml and 15ml, preferably between 9ml and 11ml, the container type for preparing a

long coffee beverage has a volume of between 15ml and 50ml, preferably between 16ml and 20ml, and wherein the container type for preparing a medium size coffee beverage has a volume of between 13ml and 16ml.

~~8~~7. The method according to claim 6 ~~or 7~~,
wherein the compaction force for a container type designed for preparing a short coffee beverage is set to a value between 0.5kN and 5kN, for a container type designed for preparing a long coffee beverage is set to a value between 0.5kN and 15kN, and for a container type designed for preparing a medium size coffee beverage is set to a value between 1kN and 7kN.

~~9. A coffee container (1a-1g) for preparing a coffee beverage upon injection of liquid into the container,~~
~~the coffee container comprising container wall means (2,2a,3a-3g) enclosing a predefined volume of between 5ml to 50ml filled with compacted coffee material such as roast and ground coffee particles,~~
~~wherein the coffee material is present in a form compacted under a compaction force of 0.5 to 15kN, preferably of 1kN to 10kN.~~

~~10. The coffee container according to claim 9,~~
~~wherein the height of the container is comprised between 5 mm and 30 mm, preferably between 10 mm and 22 mm, and the diameter of the container is comprised between 30-70mm, preferably between 35mm to 55mm.~~

~~8~~11. A kit of coffee containers (1a-1g) compatible with a beverage preparation device for preparing a coffee beverage upon injection of liquid into the container, said kit

comprising at least two, preferably three different containers ~~according to any of claims 9 or 10~~,
wherein the containers comprise different container wall means (2,2a,3a-3g) for enclosing a predefined container volume, said different selectable container wall means (2,2a,3a-3g) being designed for forming alternative types of containers such as at least a first and a second predefined container type for preparing a short and a long coffee beverage, and optionally at least a third predefined container type for preparing a medium size coffee beverage,
wherein the respective containers differ in a volume enclosed by the container wall means and~~/or~~ in a particular type of beverage to be prepared from the respective containers, and
wherein the coffee material in the respective containers is present in a form compacted under a different compaction force.

~~12~~9. The kit according to claim ~~11~~8,
wherein the respective containers differ in their height but comprise an equal outer diameter.

~~13~~10. The kit according to claim ~~11~~ 8 or ~~12~~9,
wherein the kit comprises a first container having a container volume of between 5ml and 15ml, preferably between 9ml and 11ml, for preparing a short coffee beverage, a second container having a container volume of between 15ml and 50ml, preferably between 16ml and 20ml, for preparing a long coffee beverage, and optionally a third container having a container volume of between 13ml and 16ml for preparing a medium size coffee beverage.

~~14~~11. The kit according to any of claims ~~11~~ 8 to ~~13~~1012,
wherein the compaction force for the coffee material in the container designed for preparing a short coffee beverage

lies between 0.5kN and 10kN, for a container designed for preparing a long coffee beverage lies between 0.5kN and 15kN, and for a container designed for preparing a medium size coffee beverage lies between 1kN and 7kN.

~~15~~12. The kit according to any of claims ~~11~~ 8 to ~~14~~11, wherein the different containers of the kit comprise coffee material of different granulometry, preferably between 150 to 600 µm and/or of different roasting value, preferably between 50 and 120CTN.