CLAIMS

1. Method for preparing a cold beverage with an apparatus (1) for mixing and holding a beverage, said apparatus comprising :

- a container body (2), comprising a floor (21) and a sidewall (22) extending upwardly and longitudinally from the floor to an upper edge (221),
- a removable and rotatable mixing device (23) positioned within the container body,
- a motor (3) cooperating with the mixing device (23) through the floor of the container body in order to rotate the mixing device,

wherein the method comprises the step of :

- providing a mixing device (23), a part of said mixing device being covered with ice,
- positioning said mixing device in the container body (2) in order to cooperate with the motor,
- introducing at least one beverage liquid in the container body,
- actuating the motor (3) to rotate the mixing device in the at least one beverage liquid.

2. Method according to Claim 1, wherein the at least one beverage liquid is a ready-to-drink beverage, preferably a ready-to-drink beverage resulting from a previous preparation from a beverage preparation apparatus.

3. Method according to Claim 1, wherein at least one soluble beverage ingredient and at least one aqueous liquid diluent are introduced in the container body.

4. Method according any one of the precedent claims, wherein the mixing device (23) comprises a connecting means (233) designed to removably engage with a corresponding positioning means (211) at the floor of the container body of the apparatus.

5. Method according to any one of the precedent claims, wherein the apparatus comprises a heater and the heater is switched on before and/or at the beginning of the step of actuating the motor (3) to rotate the mixing device in the at least one beverage liquid.

6. System of :

- an apparatus (1) for mixing and storing a beverage, said apparatus comprising :

a container body (2), comprising a floor (21) and a sidewall (22) extending upwardly and longitudinally from the floor to an upper edge (221),

a removable and rotatable mixing device (23) positioned within the container body,

a motor (3) cooperating with the mixing device (23) through the floor of the container body in order to rotate the mixing device,

and

- a mould for freezing an ice shape from water around said mixing device (23) of the apparatus, wherein said mould (4) comprises a compartment (41) for receiving and storing water and the mixing device (23).

7. System according to the precedent claim, wherein :

- the mixing device of the apparatus comprising a connecting means (233) designed to removably engage with a positioning means (211) inside the apparatus,

and

- the bottom of the compartment (411) of the mould presents a means (42) to fix said mixing device of the apparatus inside the compartment, said fixing means engaging with the connecting means (233) of the mixing device.

8. Method for producing a mixing device, a part of said mixing device being covered with ice, with a mould (4),

wherein said mixing device (23) comprises a connecting means (233) designed to removably engage with a positioning means inside an apparatus for mixing, storing and drinking a beverage, and

wherein said mould (4) comprises a compartment (41) for receiving and storing water and the mixing device (23), and

wherein the bottom of the compartment (411) presents a means (42) to fix the mixing device inside the compartment, said fixing means engaging with the connecting means (233) of the mixing device,

said method comprising the steps of :

a) fixing the mixing device (23) in the compartment (41) of the mould by engaging the connecting means (233) of the mixing device with the fixing means (42) at the bottom of the compartment of the mould,

b) filling the compartment (41) of the mould with water,

c) freezing water in the mould,

d) removing the mixing device (23) covered with ice from the mould.

9. Method for producing a mixing device, a part of said mixing device being covered with ice, with a mould, for freezing an ice shape from water, said ice shape being designed to fit around the mixing device,

wherein said mould (4) comprises a compartment (41) for receiving and storing water, and wherein the centre of the compartment is designed to reproduce the external shape of the mixing device,

said method comprising the steps of :

a) filling the compartment (41) of the mould with water,

b) freezing water in the mould,

c) removing the moulded frozen piece of ice (5) from the mould,

d) covering the mixing device (23) with the moulded frozen piece of ice (5).