CLAIMS

1. Beverage dispenser (10) comprising :

- a housing (1),

- at least one refillable container (2) for storing bulk beverage ingredient, said container comprising :

  . a tank (22),

  . a discharge port (5) at the outlet of the tank,

- at least one beverage preparation unit (3) operatively linked to the container for preparing a beverage from the stored bulk beverage ingredient,

- a door (4),

wherein the at least one refillable container (2) is positioned in the housing (1) and the housing is closed by the door (4), and

wherein the discharge port (5) of the at least one refillable container is closed at rest and is opened if a pressure is exerted on it, and

wherein the discharge port (5) of the container interacts with the door (4) so that : ~~the discharge port (5) is opened when the door is closed and is closed when the door is opened.~~

- when the door is closed, the door contacts the discharge port (5) of the container so that said discharge port is actuated in an opened position, and

- when the door is opened and does not contact the discharge port (5) of the container, said discharge port is in a closed position.

~~2. Beverage dispenser according to the precedent claim, wherein the discharge port (5) of the at least one refillable container is closed at rest and is opened if a pressure is exerted on it.~~

~~3~~2. Beverage dispenser according to ~~any one of~~ the precedent claim~~s~~, wherein the discharge port (5) comprises :

- an internal delivery tube (51) comprising a hollowing-out (52) in its bottom part,

- external movable means (53) comprising a hollowing-out (54) in its bottom part, said external movable means covering at least a part of the internal delivery tube (51) and being movable between :

  . a position in which the both hollowing-outs (52, 54) of the internal delivery tube and of the external movable means overlap each other, and

. a position in which the surface of the external movable means (53) overlaps and closes the hollowing-out (52) of the delivery tube.

43. Beverage dispenser according to the precedent claim, wherein a part of the external movable means (53) is pushed by the internal face of the door when said door is closing.

~~5~~4. Beverage dispenser according to Claim ~~3~~ 2 or ~~4~~ 3 wherein the internal delivery tube (51) is a cylinder.

~~6~~5. Beverage dispenser according to any one of Claims ~~3~~ 2 to ~~5~~4, wherein the internal delivery tube (51) comprises a partial weir (55) in front of its hollowing-out (52).

~~7~~6. Beverage dispenser according to any one of Claims ~~3~~ 2 to ~~6~~5, wherein the external movable means (53) is a cylinder.

~~8~~7. Beverage dispenser according to any of Claims ~~3~~ 2 to ~~7~~6, wherein the discharge port comprises at least one elastic member (56) able to exert a force on the movable means (53) so as to push said means away from the container (2).

~~9~~8. Beverage dispenser according to the precedent claim, wherein the elastic member is a spring or metal blades (56) fixed on one end (56a) to the refillable container and cooperating on the other end (56b) with the external movable means (53).

~~10~~9. Beverage dispenser according to the precedent claim, wherein the elastic member (56) cooperates with pins (57) on the lateral sides of the external movable means (53).

~~11~~10. Beverage dispenser according to any one of Claims ~~8~~ 7 to ~~10~~9, wherein the elastic member (56) exerts a force sufficient to displace the external movable means (53) to a position in which its hollowing-out (54) does not overlap the hollowing-out (52) of the internal cylinder.

~~12~~11. Beverage dispenser according to any one of the precedent claims, wherein the internal side of the door presents at least one bump (41) cooperating with the discharge port (5) of the at least one refillable container when the door is closed.

~~13~~12. Beverage dispenser according to any one of the precedent claims, wherein the door (4) comprises an electromagnetic lock.

~~14~~13. Beverage dispenser according to any one of Claims ~~8~~ 7 to ~~11~~10, wherein the door (4) comprises an electromagnetic lock and the force of the electromagnet (42) of the electromagnetic lock is