

Claims

1. An infusion machine comprising:
 - an infusion chamber (1),
 - 5 - means (2) for receiving a capsule (9) of a product to be infused, bearing infusion data (22),
 - means (3, 19) for establishing a sealed communication between the infusion chamber (1) and the capsule (9) by means of a communication opening (6),
 - 10 - means (30) for discarding the capsule from the infusion chamber (1),
 - means (21) for recognising the infusion data (22) borne by the capsule (9),
 - the infusion chamber (1) having means for introducing water for infusion (34) and rinsing (4), and means (5) for conveying an infused liquid,
 - 15 the infusion machine being characterised in that the means (21) for recognising the infusion data are disposed outside the path (41) of steam leaving the infusion chamber (1) through the communication opening (6) in the infusion chamber after the capsule (9) has been discarded from the infusion chamber (1), and
 - 20 adapted to receive capsules, the infusion data (22) of which are provided on their base (23) opposite their filter membrane (13), and wherein the means (21) for recognising the infusion data (22) are carried by the front end (20) of the push member (19) facing the infusion chamber (1).
- 25 2. The infusion machine according to claim 1, wherein the means for receiving the capsule comprise a chute (2) having a lower edge (15) just above the means for establishing a sealed communication (3), and the means for recognising the infusion data (21) are arranged below this lower edge (15).
- 30 3. The infusion machine according to claim 2, wherein the means for recognising the infusion data (21) are arranged outside the casing (14) of the chute (2), on the opposite side to the infusion chamber (1).

4. The infusion machine according to one of claims 1 to 3, wherein the means (2, 19) for establishing a sealed communication between the infusion chamber (1) and the capsule (9) comprise a push member (19) arranged to move towards the communication opening (6) of the infusion chamber (1) and bearing the means (21) for recognising the infusion data (22).
5
5. The infusion machine according to claim 4, wherein the push member is the piston (19) of a jack (3).
10
6. The infusion machine according to one of claims 1 to 5, wherein the means for discarding the capsule comprise a pivoting support flap (30).
- 15 7. The infusion machine according to one of claims 1 to 6, wherein the means (21) for recognising the infusion data are connected to a controller (33) which controls various components (2, 4, 5, 30) of the infusion machine.