

PATENT CLAIMS

1. A brewing module for an extraction appliance, comprising a first brewing module part and a second brewing module part which is movable relative to the first brewing module part, wherein the first and the second brewing module part form a discharge device for the discharge of an extraction product out of a capsule with extraction material, for the preparation of brewed drinks, and an injector for introducing an extraction fluid into the capsule, wherein the first brewing module part comprises a head with lateral guide means which define a first track and a second track for a capsule collar and wherein the first brewing module part moreover forms a rest which limits a movement of the capsule to the bottom when the capsule collar is located on the first track, wherein the lateral guide means are connected to the head and wherein the second brewing module part comprises a retrieval means which is designed to engage on the capsule collar and to move this into the second track, when opening the brewing chamber.
2. A brewing module according to claim 1, wherein the lateral guide means are arranged such that they are arranged within the brewing chamber given a closed brewing chamber.
3. A brewing module according to claim 1 or 2, wherein the lateral guide means are in contact with the capsule given a closed brewing chamber.
4. A brewing module according to any one of the preceding claims, wherein the retrieval means are engaged with the capsule given a closed brewing chamber.
5. A brewing module according to any one of the preceding claims, wherein the lateral guide means are connected to the head in a rigid manner.
6. A brewing module according to any one of the preceding claims, wherein the retrieval means is connected to a housing of the second brewing module part in a rigid manner.
7. A brewing module according to any one of the preceding claims, wherein a second restraining structure is arranged subsequent to the second track.
8. A brewing module according to any one of the preceding claims, wherein the second track with respect to the brewing chamber is arranged further inwards than the first track.
9. A brewing module according to claim 7, wherein the second track with respect to the brewing chamber is arranged further to the outside than the first track, and wherein the second

restraining structure is formed by a prominence which is arranged between the first track and the second track, wherein this prominence, towards the first track forms a ramp which is shallower than the second restraining structure.

10. A brewing module according to any one of the preceding claims, wherein the lateral guide means per side in each case comprise two guide means parts, and the retrieval means engage between the guide means parts in the closed condition of the brewing chamber.

11. A brewing module according to any one of the preceding claims, wherein the injector comprises a capsule seal which embraces the capsule along a peripheral lateral surface.

12. A brewing module according to claim 11, wherein the capsule seal comprises a single sealing lip which is designed projecting towards a location of the fluid injection.

13. A brewing module according to claim 10 or 11, comprising an onflow channel in the injector, said onflow channel guiding injected brewing water towards the capsule seal already before the beginning of the brewing process and permitting the seal to be pressed against the lateral surface.

14. A brewing module according to any one the preceding claims, further comprising mechanics for converting an activating movement into a movement of the second brewing module part relative to the first brewing module part, wherein these mechanics comprise a toggle lever with two toggle lever arms in each case with an outer rotation axis and with a common toggle joint, wherein the toggle joint in the closed condition of the brewing chamber is located on a side of the plane leading through the respective outer rotation axes of the toggle lever arms which is different than in the open condition of the brewing chamber.

15. An extraction appliance, comprising a water tank or water connection, a water heater, a water pump and a brewing module according to any one of the preceding claims, wherein the water tank, the water heater and the water pump are connected to the brewing module such that heated water which is delivered by the pump can be introduced through the injector into the capsule.

16. A method for brewing a brewed drink whilst using a capsule filled with an extraction material, and a brewing module according to any one of the claims 1 to 14, comprising the steps:

- inserting a portion capsule through an insert opening, so that a collar of the capsule is positioned on the first track, and that the capsule lies on the rest;

- closing the brewing chamber by way of moving the second brewing module part relative to the first brewing module part, in a manner such that the capsule is pierced at least by a perforation element of an injector which is formed by the first and/or the second brewing module part, by which means introduction openings arise in the capsule;
- introducing an extraction fluid into the capsule through the introduction openings;
- discharging an extraction fluid which has arisen in the capsule, out of the capsule through discharge openings which have been produced by perforation elements of a discharge device which is formed by the first and/or the second brewing module part;
- subsequent to the discharge, opening the brewing chamber by way of moving the second brewing module part relative to the first brewing module part, by which means the capsule is pulled away from the first brewing module part by the retrieval elements, until the collar is positioned along the second track, and continuing the opening process until the capsule drops downwards out of the opened brewing chamber.