

Apparatus For Preparing Brewed Beverages, And Capsule, Capsule System And Method For Producing A Brewed Beverage

Abstract

An apparatus (1) for preparing brewed beverages comprises a brewing chamber (6), at which are provided an inlet for heated water and an outlet (22) for the brewed beverage, wherein the brewing chamber (6) has an opening (20), at which can be arranged a capsule (15) containing substances which are effective for the brewing operation, the capsule having a capsule opening (12), which is connected, at least in part, to the brewing chamber (6), and a floor (18) opposite the capsule opening (12), wherein the floor (18) of the capsule (15) has provided adjacent to it at least one light source (40), which emits light into the floor (18) at an entry surface (41), wherein the floor (18) contains at least one light conductor (45), by means of which the light emitted into the floor (18) is directed to at least one coupling-out surface (44) on the floor (18) of the capsule (15), and a light detector (36) is arranged opposite the at least one coupling-out surface (44). Identification of the capsule can be carried out effectively as a result.

[FIG. 2]