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(54) **Title:** CAPSULE, BEVERAGE PRODUCTION MACHINE AND SYSTEM FOR THE PREPARATION OF A NUTRI-
TIONAL PRODUCT

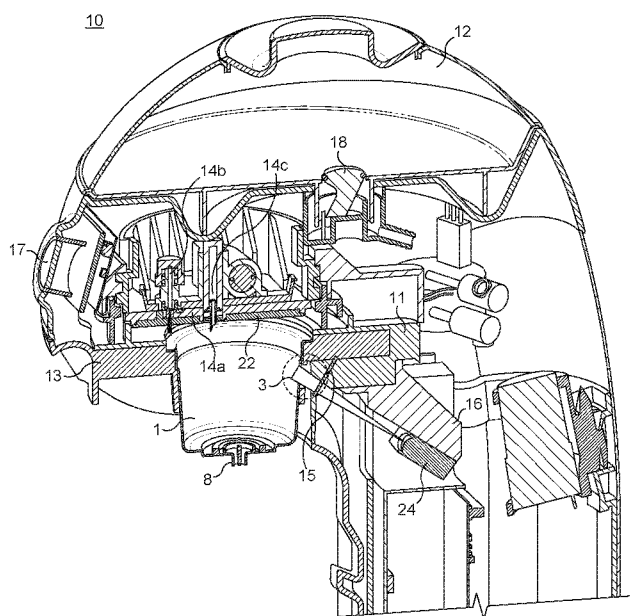


FIG. 3

(57) **Abstract:** The present invention presents a capsule 1 having an inlet face C, which is formed by a circular section 2a and a bulge section 2b extending from the circular section 2a giving the inlet face C a not symmetric in rotation. The capsule 1 further has an optically readable code 3 on a side wall 4 of a cup-shaped body of the capsule 1 opposite the bulge section 2b. The present invention further presents a beverage production machine with a capsule holder 13 for holding a capsule 1 in such a way in the beverage production machine 10, that the optically readable code can be read by a code reader 24. Liquid can be supplied to the capsule to produce a nutritional product. The present invention provides means to prevent the optically readable code 3 and the code reader 24, respectively, from being contaminated with liquid, vapor, dirt or the like. An automatic detection of the capsule type, and a corresponding automatic setting of preparation parameters by the beverage production machine 1 becomes possible, and is more reliable than state of the art solutions.



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