

Title (en)
DEVICE FOR POSITIONING A CAPSULE ON THE NECK OF A BOTTLE

Title (de)
VORRICHTUNG ZUM POSITIONIEREN EINE KAPPE AUF EINEM FLASCHENHALS

Title (fr)
APPAREIL POUR POSITIONNER UNE CAPSULE SUR LE COL D'UNE BOUTEILLE

Publication
EP 3699107 A1 20200826 (EN)

Application
EP 20158561 A 20200220

Priority
IT 201900002655 A 20190225

Abstract (en)
A device for positioning a capsule on the neck of a bottle, comprising: a cup-like element (2), which has a longitudinal axis (X) and is provided with a cavity (21), conformed to house a capsule (C), and a bottom (22); a suction means, connected to the cup-like element (2) for creating a depression in the cavity (21); a main body (3), associated with the cup (2), and connected to a motor means, arranged to rotate the main body (3) about an axis of oscillation (Y), perpendicular to the longitudinal axis (X), and to translate the main body (3) on a perpendicular plane to the axis of oscillation (Y). The cup-like element (2) is connected to a stem (4), concentric to the longitudinal axis (X), which has an internal conduit (41), placed in communication with the cavity (21) of the cup-like element (2), at least a first opening (42) and a second opening (43). The stem (4) is sealingly inserted in a seat (31) of the main body (3), rotatably about the longitudinal axis (X). The seat (31) has a toroidal cavity (32), placed in communication with the suction means and with the second opening (43) of the stem (4). The stem (4) is connected to a rotor (5) for rotation about the longitudinal axis (X).

IPC 8 full level
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CPC (source: EP)
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Citation (search report)

- [Y] EP 1041033 A2 20001004 - ROBINO & GALANDRINO SPA [IT]
- [Y] FR 1182515 A 19590625 - OWENS ILLINOIS GLASS CO
- [Y] EP 2492238 A1 20120829 - UHLMANN PAC SYSTEME GMBH & CO [DE]
- [A] EP 2733112 A1 20140521 - ROBINO & GALANDRINO SPA [IT]
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Designated contracting state (EPC)
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