

Title (en)
PLUG FOR GLASS BOTTLES

Title (de)
VERSCHLUSS FÜR GLASFLASCHEN

Title (fr)
BOUCHON POUR BOUTEILLES EN VERRE

Publication
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Application
EP 10825271 A 20101018

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Abstract (en)
The invention relates to plugs for glass bottles that can be used for automated closure, for long-term preservation of wine and champagne, and for other liquids. The plug for glass bottles includes a cap 1 with a recess 15, a lower portion in the form of a flask 2 with a flange 13, wherein a skirt with fillers (9) is formed on the flask, the plug includes a rod (3) with a working member (14) capable of movement relative to the flask (2), and a given movement of the rod is ensured by guiding members and travel stops (12), and the cap (1) is represented by a portion of the flask; the upper portion of the cap includes a cavity; a button (4) is mounted so as to be fixed or mobile on the upper end of the rod (3); the button (4) closes the cavity of the cap (1); at least one fixation (5) is formed on the outer side of the flask; the walls of the flask (8) in the area where the fixations are provided are capable of deformation, and a pusher (6) and a return cam (7) are formed inside the flask preferably on inner side of the flask; the rod (3) interacts with a fixation (5) via the pusher (6) and the return cam (7). In the case of pressurized beverages, a metal flange (11) is further formed on the cap. The present plug for glass bottles provides a reliable structure, a long-term preservation, and easy and safe initial and repeated closing and unsealing of the bottles.

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