

Title (en)
DEVICE EQUIPPED WITH A TANK FOR CONTAINING A FIRST SUBSTANCE AND SUITABLE FOR CLOSING A BOTTLE FOR CONTAINING A SECOND SUBSTANCE TO BE KEPT SEPARATED FROM THE FIRST SUBSTANCE UNTIL THE MOMENT OF THE MIXING WITH IT

Title (de)
VORRICHTUNG MIT EINEM BEHÄLTER ZUR AUFNAHME EINES ERSTEN STOFFES UND ZUM VERSCHLIESSEN EINES FLASCHE ZUR AUFNAHME EINES ZWEITEN, VOM ERSTEN STOFF BIS ZUM MISCHZEITPUNKT GETRENNTEN STOFFES

Title (fr)
DISPOSITIF ÉQUIPÉ D'UN RÉSERVOIR POUR CONTENIR UNE PREMIÈRE SUBSTANCE ET APPROPRIÉ POUR FERMER UNE BOUTEILLE POUR CONTENIR UNE SECONDE SUBSTANCE À MAINTENIR SÉPARÉE DE LA PREMIÈRE SUBSTANCE JUSQU'AU MOMENT DU MÉLANGE AVEC CELLE-CI

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Abstract (en)
[origin: WO2014115111A2] The present invention refers to a device (10) equipped with a tank (16) for containing a first substance (S1) and suitable for closing the mouth (14) of a bottle (11) for containing a second substance (S2) to be kept separated from the first substance (S1) until the moment of the mixing with it, in which the device (10) comprises a closure cap (15) associable with the mouth (14) of the bottle (11) and in the internal volume of which a tank (16) is defined for containing the first substance (S1), in which the tank (16) has an end which, in assembling conditions of the device (10) on the bottle (11), faces the bottom (12) of the bottle (11) and that is closed by a frangible base (17), and breaking means (18) of the frangible base (17) associated in a movable manner with the closure cap (15) and actuatable from the outside for breaking the frangible base (17), in which the closure cap (15) comprises a first tubular body (19) which is at least partially, axially and in a seal manner, insertable into the mouth (14) and in the internal volume of which the tank (16) is defined, and a second tubular body (20) which is made from a material impermeable to fluids, axially inserted with interference making an interlock fixing into the first tubular body (19) and closed at a transversal section by a lamina portion (21) which is also made from a material impermeable to fluids, and in which the frangible base (17) comprises the lamina portion (21) and the walls of the second tubular body (20) adhere in a seal manner to at least one portion of the internal lateral surface of the first tubular body (19) which delimits the tank (16) so as to form an internal coating.

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