

Title (en)

DEVICE FOR THE SEPARATE CONSERVATION OF A FIRST SUBSTANCE TO BE MIXED WITH A SECOND SUBSTANCE CONTAINED IN A BOTTLE AND FOR CLOSING SAID BOTTLE

Title (de)

VORRICHTUNG ZUR GETRENNTEN AUFBEWAHRUNG EINER ERSTEN SUBSTANZ, DIE ZUM MISCHEN MIT EINER ZWEITEN SUBSTANZ VORGESEHEN IST, DIE IN EINER FLASCHE ENTHALTEN IST, UND ZUM VERSCHLIESSEN DER BESAGTEN FLASCHE

Title (fr)

DISPOSITIF POUR LA CONSERVATION SÉPARÉE D'UNE PREMIÈRE SUBSTANCE À MÉLANGER AVEC UNE SECONDE SUBSTANCE CONTENUE DANS UNE BOUTEILLE ET POUR LA FERMETURE DE LADITE BOUTEILLE

Publication

**EP 3037363 A1 20160629 (EN)**

Application

**EP 15201621 A 20151221**

Priority

IT MI20142203 A 20141222

Abstract (en)

Device for the separate conservation of a first substance to be mixed with a second substance contained in a bottle (6) and for simultaneously closing said bottle comprising a generally concave plug (2) that comprises a substantially cylindrical or frusto-conical portion (21) and an edge portion (22) suitable for making a seal on the mouth (5) of said bottle (6). Inside said substantially cylindrical or frusto-conical portion (21) a cavity (25) is formed, also preferably cylindrical or frusto-conical, in which a fracturing element (3) is inserted, which for this purpose is externally shaped so as to match the cavity itself. Said fracturing element is hollow inside to contain the first substance and a membrane (4) is fixedly connected to the plug so as to close the cavity (25). Said fracturing element has a fracturing tip or edge (34) suitable for penetrating and perforating said membrane when it moves downwards.

IPC 8 full level

**B65D 51/28** (2006.01)

CPC (source: EP)

**B65D 51/2835** (2013.01)

Citation (applicant)

IT 1252265 B 19950608 - INGE SPA

Citation (search report)

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- [X] WO 2004113190 A1 20041229 - CEDEVITA D O O PREHRAMBENA IND [HR], et al
- [X] WO 2012117281 A1 20120907 - COSWELL SPA [IT], et al
- [A] US 8408389 B1 20130402 - ANDERSON MICHAEL R [US]
- [A] DE 202009010086 U1 20090924 - GENMONT BIOTECH INC SHANHUA [TW]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

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