

Title (en)

CLOSURE PROVIDED WITH A CONTAINER FOR REPEATED CLOSING OF BOTTLES, PLASTIC BOTTLES AND OTHER VESSELS

Title (de)

MIT EINEM BEHÄLTER VERSEHENER VERSCHLUSS ZUM WIEDERHOLTEN VERSCHLIESSEN VON FLASCHEN, KUNSTSTOFFFLASCHEN UND ANDEREN BEHÄLTERN

Title (fr)

ELEMENT D'OBTURATION COMBINE A UN CONTENANT, POUR FERMETURE REPETEE DE BOUTEILLES, DE BOUTEILLES DE PLASTIQUE ET D'AUTRE RECEPTACLES

Publication

EP 1701891 A1 20060920 (EN)

Application

EP 04800454 A 20041105

Priority

- SI 2004000036 W 20041105
- SI 200300274 A 20031107

Abstract (en)

[origin: WO2005044686A1] A closure provided with a container for repeated closing of bottles, plastic bottles and the like, said container containing a prefabricated contents, e.g. an ingredient in the form of a powder, tablet or even liquid and paste. The closure of the invention consists of a part (1) intended to be positioned on a neck (7) of a vessel (4) and of a container (8) containing an ingredient in the form of a powder or granule intended to be introduced into the vessel (4), preferably directly before use and is prefabricated and contained in the container (8) and tightly and hygienically acceptably closed by a closure (14), whereby the part (1) is provided with an internal thread (2) engaging with a thread (3) of an optional vessel (4), e.g. bottle, plastic bottle etc. and with a sealing seat (5) bearing on an edge (6) of a neck (7) of the vessel (4) and also seals when the closure (1) is screwed onto the neck (7). The container (8) is designed as a vessel partly introduced in the part (1) so that they are mutually connected with a thread (9), a one-way clutch (10) and a sealing element (11), whereby after the first screwing-in of the container (8) into the part (1) said one-way clutch (10) prevents mutual unscrewing and only manual removal of the sealing element (11) enables a unique mutual screwing of the part (1) and the container (8) in a way that when the container (8) is screwed into the part (1), the edge (15) of the container intended to break the closure (12) and preferably slanted, breaks the closure (14), preferably almost over its entire area in order for the content of the container (8) to pour into the vessel (4), whereby the closure (14) remains connected with the container (8).

IPC 8 full level

B65D 51/28 (2006.01)

CPC (source: EP)

B65D 51/2828 (2013.01)

Citation (search report)

See references of WO 2005044686A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005044686 A1 20050519; EP 1701891 A1 20060920; SI 21653 A 20050630

DOCDB simple family (application)

SI 2004000036 W 20041105; EP 04800454 A 20041105; SI 200300274 A 20031107