

Title (en)

CLOSURE CAP COOPERATING WITH A BOTTLE CONTAINER

Title (de)

MIT EINEM FLASCHENBEHÄLTNIS ZUSAMMENWIRKENDE VERSCHLUSSKAPPE

Title (fr)

CAPUCHON DE FERMETURE COOPERANT AVEC UNE BOUTEILLE

Publication

EP 1383688 A1 20040128 (DE)

Application

EP 02735273 A 20020419

Priority

- DE 10121448 A 20010502
- EP 0204339 W 20020419

Abstract (en)

[origin: WO02087984A1] The invention relates to a closure cap (1) which cooperates with a bottle container (4). A catching protection (5) is disposed on the neck (3) of the bottle container (4) and a lower-engaging projection (6') is disposed on the closure cap (1). An insert (2) is associated with the closure cap (1). Said insert (2) can be fixed to the neck (3) of the bottle, resulting in a structurally advantageous, functionally reliable solution whereby the insert (2) is provided with means (22, 26) for rotationally secure retention on the neck (3) of the bottle and the closure cap (1) which can be pressed onto said insert (2) can be unscrewed from the insert (2).

IPC 1-7

B65D 41/17; **B65D 50/04**

IPC 8 full level

B65D 41/17 (2006.01); **B65D 50/04** (2006.01)

CPC (source: EP US)

B65D 50/046 (2013.01 - EP US)

Cited by

DE112015006573B4; WO2012022475A1; USD841471S; WO2016188588A1; US10689168B2

DOCDB simple family (publication)

WO 02087984 A1 20021107; **WO 02087984 B1 20030109**; AT E284818 T1 20050115; BR 0209328 A 20040720; CA 2445854 A1 20021107; DE 10121448 A1 20021107; DE 50201791 D1 20050120; EP 1383688 A1 20040128; EP 1383688 B1 20041215; ES 2233823 T3 20050616; HU 228664 B1 20130528; HU P0400086 A2 20040428; HU P0400086 A3 20051128; MX PA03009951 A 20040630; PL 199463 B1 20080930; PL 366849 A1 20050207; PT 1383688 E 20050531; US 2004182814 A1 20040923; US 7334694 B2 20080226

DOCDB simple family (application)

EP 0204339 W 20020419; AT 02735273 T 20020419; BR 0209328 A 20020419; CA 2445854 A 20020419; DE 10121448 A 20010502; DE 50201791 T 20020419; EP 02735273 A 20020419; ES 02735273 T 20020419; HU P0400086 A 20020419; MX PA03009951 A 20020419; PL 36684902 A 20020419; PT 02735273 T 20020419; US 47662904 A 20040510