

Title (en)

BOTTLE CLOSURE

Title (de)

FLASCHENVERSCHLUSS

Title (fr)

BOUCHON POUR UNE BOUTEILLE

Publication

EP 1625078 A1 20060215 (DE)

Application

EP 04731163 A 20040505

Priority

- EP 2004004745 W 20040505
- DE 10322374 A 20030513

Abstract (en)

[origin: US2006266727A1] The invention relates to a closure for closing a bottle having a bottleneck (1) with an opening on which bottleneck an outer thread (5,6) is formed in the vicinity of the opening. In order to provide a closure that is easy to handle and can be fabricated inexpensively, the closure (2) has at least one, and particularly several, deformation regions which are plastically deformed so that in the outer peripheral surface of the closure they form indentations (21,22) and internally (25,26) they are adapted to the thread (5,6).

IPC 1-7

B65D 41/04

IPC 8 full level

B65D 41/04 (2006.01); **B65D 41/34** (2006.01); **B67B 3/12** (2006.01); **B67B 3/14** (2006.01); **B67B 3/20** (2006.01)

CPC (source: EP US)

B65D 41/0464 (2013.01 - EP US); **B65D 41/348** (2013.01 - EP US); **B67B 3/12** (2013.01 - EP US); **B67B 3/14** (2013.01 - EP US); **B67B 3/20** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2004101379 A1 20041125; WO 2004101379 A9 20050120; AT E403609 T1 20080815; AU 2004238496 A1 20041125; BR PI0410312 A 20060523; CA 2525424 A1 20041125; CN 1787952 A 20060614; DE 10322374 A1 20041223; DE 502004007784 D1 20080918; EP 1625078 A1 20060215; EP 1625078 B1 20080806; ES 2311819 T3 20090216; JP 2006528927 A 20061228; NO 20055780 D0 20051206; NO 20055780 L 20060116; RU 2005138492 A 20060427; RU 2328423 C2 20080710; US 2006266727 A1 20061130; ZA 200509137 B 20070328

DOCDB simple family (application)

EP 2004004745 W 20040505; AT 04731163 T 20040505; AU 2004238496 A 20040505; BR PI0410312 A 20040505; CA 2525424 A 20040505; CN 200480012927 A 20040505; DE 10322374 A 20030513; DE 502004007784 T 20040505; EP 04731163 A 20040505; ES 04731163 T 20040505; JP 2006529737 A 20040505; NO 20055780 A 20051206; RU 2005138492 A 20040505; US 55643505 A 20051111; ZA 200509137 A 20040505