

Title (en)

Bottle cap and method therefor

Title (de)

Flaschenverschluss und Verfahren zu seiner Herstellung

Title (fr)

Fermeture à vis et son procédé de fabrication

Publication

EP 1695917 B1 20080813 (EN)

Application

EP 05291978 A 20050923

Priority

- US 65463105 P 20050221
- US 10961005 A 20050419

Abstract (en)

[origin: US2006186081A1] A closure assembly includes an inner cap with threading along an inner surface. A threading profile extends along an outer surface of an inner cap sidewall. An outer cap is coupled with the inner cap. The outer cap includes an outer cap sidewall extending along at least a portion of the inner cap sidewall, and the outer cap sidewall is substantially cylindrical and uniformly smooth along at least an exterior face. The outer cap sidewall is sized and shaped to conceal the threading profile. An annular rim of the outer cap extends from an open end of the outer cap, and the annular rim is inwardly bent toward the inner cap. In another example, the annular rim extends over the inner cap sidewall and couples the outer cap with the inner cap with an interference fit.

IPC 8 full level

B65D 41/04 (2006.01); **B65D 51/18** (2006.01); **B65D 51/24** (2006.01); **B65D 55/08** (2006.01)

CPC (source: EP US)

B65D 41/0464 (2013.01 - EP US); **B65D 41/0492** (2013.01 - EP US); **B65D 51/18** (2013.01 - EP US); **B65D 51/245** (2013.01 - EP US); **B65D 55/0818** (2013.01 - EP US); **B65D 2251/0015** (2013.01 - EP US); **B65D 2251/0078** (2013.01 - EP US)

Cited by

NL1036202C2; WO2010020926A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

US 2006186081 A1 20060824; AT E404447 T1 20080815; DE 602005008896 D1 20080925; EP 1695917 A1 20060830; EP 1695917 B1 20080813; NZ 543528 A 20071026

DOCDB simple family (application)

US 10961005 A 20050419; AT 05291978 T 20050923; DE 602005008896 T 20050923; EP 05291978 A 20050923; NZ 54352805 A 20051114