

Title (en)

SCREW CAP, ESPECIALLY MADE OF PLASTIC, FOR CLOSING A BOTTLE OR THE LIKE

Title (de)

SCHRAUBKAPPE, INSBESONDERE AUS KUNSTSTOFF, ZUM VERSCHLIESSEN EINER FLASCHE ODER DERGLEICHEN

Title (fr)

BOUCHON FILETE, EN PARTICULIER EN PLASTIQUE, DESTINE A FERMER UNE BOUTEILLE OU SIMILAIRE

Publication

EP 0752957 B1 19990324 (DE)

Application

EP 95908932 A 19950211

Priority

- DE 4411097 A 19940330
- EP 9500502 W 19950211

Abstract (en)

[origin: WO9526910A1] A screw cap, especially one made of plastic, for closing a bottle or the like, with a cylindrical threaded section having a female thread to be screwed on the male thread of a bottle-neck, connected to the security ring via break points, on which there are inwardly-directed catches to engage with an outer collar on a bottle-neck. The free edge (14) of the cylindrical part (3) has at least one axial projection (15) which engages positively in a recess (17) in the opposite edge of the security ring (11) in the circumferential direction and releasably in the axial direction. This positive toothing ensures that, when the screw cap is first screwed on the neck of a bottle, the webs (10) are not sheared off by increased torques which can be applied if the catches run on the outer collar of the bottle-neck under tension.

IPC 1-7

B65D 41/34

IPC 8 full level

B65D 41/34 (2006.01); **B65D 50/00** (2006.01); **B65D 55/08** (2006.01)

IPC 8 main group level

B65D (2006.01)

CPC (source: EP)

B65D 41/3452 (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9526910 A1 19951012; AT E178011 T1 19990415; AU 1707295 A 19951023; AU 689544 B2 19980402; BR 9507255 A 19971007; CA 2186584 A1 19951012; CN 1059400 C 20001213; CN 1154094 A 19970709; CZ 283996 A3 19970312; CZ 287909 B6 20010314; DE 4411097 A1 19951005; DE 4411097 C2 19960321; DE 59505443 D1 19990429; DK 0752957 T3 19991011; EP 0752957 A1 19970115; EP 0752957 B1 19990324; ES 2131808 T3 19990801; FI 963840 A0 19960926; FI 963840 A 19960926; GR 3030218 T3 19990831; HU 218000 B 20000528; HU 9602672 D0 19961128; HU T75899 A 19970528; JP 3777192 B2 20060524; JP H09510940 A 19971104; NO 309712 B1 20010319; NO 964080 D0 19960927; NO 964080 L 19960927; PL 178507 B1 20000531; PL 316534 A1 19970120

DOCDB simple family (application)

EP 9500502 W 19950211; AT 95908932 T 19950211; AU 1707295 A 19950211; BR 9507255 A 19950211; CA 2186584 A 19950211; CN 95192397 A 19950211; CZ 283996 A 19950211; DE 4411097 A 19940330; DE 59505443 T 19950211; DK 95908932 T 19950211; EP 95908932 A 19950211; ES 95908932 T 19950211; FI 963840 A 19960926; GR 990401304 T 19990513; HU 9602672 A 19950211; JP 52536595 A 19950211; NO 964080 A 19960927; PL 31653495 A 19950211