

Title (en)
SCREW CAP

Title (de)
SCHRAUBVERSCHLUSS

Title (fr)
BOUCHON A VIS

Publication
EP 1429973 A1 20040623 (DE)

Application
EP 02776933 A 20020820

Priority
• DE 10146817 A 20010920
• EP 0209287 W 20020820

Abstract (en)
[origin: WO03026980A1] The invention relates to a screw cap for containers, especially for bottles. The inventive screw cap comprises a bottom from which a peripheral jacket extends which is provided with a retaining device for fixating the screw cap on the container, and a securing strip, provided on the rim of the jacket facing away from the bottom and linked with the screw cap via a specified rupture line. The securing strip has at least one expansion zone that preferably effects an extensibility of the securing strip at an angle of its periphery. The screw cap is further characterized in that the securing strip (11) has at least one elastic zone (39) that is formed by the lower section of the securing strip (11) between a retaining web (29) and an elastic retaining strip (35).

IPC 1-7
B65D 41/34; **B65D 55/08**; **B67B 3/02**

IPC 8 full level
B65D 41/34 (2006.01)

CPC (source: EP US)
B65D 41/3428 (2013.01 - EP US); **B65D 2401/25** (2020.05 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03026980 A1 20030403; AR 036563 A1 20040915; AT E365134 T1 20070715; BR 0212688 A 20041019; BR 0212688 B1 20121016; CN 100542902 C 20090923; CN 1589215 A 20050302; CO 5560600 A2 20050930; DE 10146817 A1 20030417; DE 50210359 D1 20070802; EC SP045010 A 20040723; EG 24594 A 20091213; EP 1429973 A1 20040623; EP 1429973 B1 20070620; ES 2287320 T3 20071216; MX PA04002609 A 20050217; NO 20041297 L 20040611; PE 20030367 A1 20030410; US 2005045578 A1 20050303; US 7712619 B2 20100511; UY 3917 U 20030930

DOCDB simple family (application)
EP 0209287 W 20020820; AR P020103537 A 20020920; AT 02776933 T 20020820; BR 0212688 A 20020820; CN 02822800 A 20020820; CO 04026430 A 20040319; DE 10146817 A 20010920; DE 50210359 T 20020820; EC SP045010 A 20040309; EG 2002091042 A 20020921; EP 02776933 A 20020820; ES 02776933 T 20020820; MX PA04002609 A 20020820; NO 20041297 A 20040329; PE 2002000914 A 20020917; US 49009304 A 20041013; UY 3917 U 20020919