

Title (en)
SCREW CAP COMPRISING A TAMPER-EVIDENT BAND

Title (de)
SCHRAUBKAPPE MIT GARANTIEBAND

Title (fr)
BOUCHON FILETE A BANDE D'INVOLABILITE

Publication
EP 1397296 A1 20040317 (DE)

Application
EP 02780752 A 20020524

Priority
• CH 0200277 W 20020524
• CH 11042001 A 20010618

Abstract (en)
[origin: WO02102678A1] At least one cutting element (20) is provided on a closure comprised of a spout (3) and of a screw cap (5), which can be screwed thereon and which has a tamper-evident band (11). The tamper-evident band (11) is joined to the lower edge (12) of the outer wall (7) of the screw cap via specified rupture location bridges (10). The at least one cutting element outwardly projects through an intermediate space (14). When the screw cap (5) is unscrewed for the first time, the at least one cutting element (20) cuts through the specified rupture location bridges (10). The distance (a) between the tamper-evident band upper edge (13) and the lower edge (12) of the screw cap is provided with a measure whereby enabling this distance (a) to be surmounted only once all specified rupture location bridges are cut through.

IPC 1-7
B65D 41/34

IPC 8 full level
B65D 41/34 (2006.01); **B65D 55/02** (2006.01)

CPC (source: EP US)
B65D 41/3409 (2013.01 - EP US); **B65D 55/024** (2013.01 - EP US)

Citation (search report)
See references of WO 02102678A1

Cited by
CN106800136A

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

DOCDB simple family (publication)
WO 02102678 A1 20021227; AT E304486 T1 20050915; DE 50204271 D1 20051020; DK 1397296 T3 20051219; EP 1397296 A1 20040317; EP 1397296 B1 20050914; EP 1397296 B8 20051123; ES 2247388 T3 20060301; US 2004206720 A1 20041021; US 7077278 B2 20060718

DOCDB simple family (application)
CH 0200277 W 20020524; AT 02780752 T 20020524; DE 50204271 T 20020524; DK 02780752 T 20020524; EP 02780752 A 20020524; ES 02780752 T 20020524; US 48116903 A 20031218