

Title (en)  
SCREW CAP

Title (de)  
SCHRAUBKAPPE

Title (fr)  
BOUCHON FILETE

Publication  
**EP 0912412 A1 19990506 (DE)**

Application  
**EP 96910157 A 19960506**

Priority  
IB 9600405 W 19960506

Abstract (en)  
[origin: WO9742092A1] The safety seal device comprises a tear-off strip (5) and a band section (4). The band section (4) is subdivided into circular arc sections (14) and U-shaped sections (15). The band section (4) is provided with wedge-shaped locking elements (6). In addition the band section (4) is joined to the body (3) of the screw cap via first breakaway webs (10). The U-shaped sections (15) form spring elements (11 and 13) in the band section (4) thereby elastically suspending the locking elements (6). For this reason the locking elements (6) can elastically give when the screw cap (1) is first unscrewed, so that the safety closure cannot be plastically deformed when the screw cap is screwed on, which would jeopardise its security.

IPC 1-7  
**B65D 41/34**

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

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

Citation (search report)  
See references of WO 9742092A1

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

DOCDB simple family (publication)  
**WO 9742092 A1 19971113**; AT E194951 T1 20000815; AU 5345296 A 19971126; DE 59605662 D1 20000831; DK 0912412 T3 20001030; EP 0912412 A1 19990506; EP 0912412 B1 20000726; ES 2149460 T3 20001101; GR 3034334 T3 20001229; PT 912412 E 20001229; US 6039199 A 20000321

DOCDB simple family (application)  
**IB 9600405 W 19960506**; AT 96910157 T 19960506; AU 5345296 A 19960506; DE 59605662 T 19960506; DK 96910157 T 19960506; EP 96910157 A 19960506; ES 96910157 T 19960506; GR 20000402022 T 20000906; PT 96910157 T 19960506; US 21675098 A 19981217