

Title (en)  
Closure device

Title (de)  
Verschlussvorrichtung

Title (fr)  
Dispositif de fermeture

Publication  
**EP 0882656 B1 20010704 (EN)**

Application  
**EP 98114045 A 19960222**

Priority  
• EP 96301179 A 19960222  
• GB 9504262 A 19950303

Abstract (en)  
[origin: EP0729894A2] A closure 10 comprises a cap 11 having a skirt 13 depending therefrom, skirt 13 having an internal screw thread 14 or equivalent for engagement with a complementary formation on a container (not shown), and the closure 10 further comprising a tamper-evident ring 30 attached to skirt 13 by frangible bridges 20 and at least a portion of tamper-evident ring 30 having an undercut profile 32 for engagement behind a protrusion on the neck of a container during removal of closure 10. This ensures effective separation of tamper-evident ring 30 from closure 10, with retention of tamper-evident ring on the container neck. Preferably, bridges 20 extend in a non-axial direction from the bottom rim 16 of skirt 13 to the radially innermost extremity of tamper-evident ring 30. Bridges 20 may be narrower in section adjacent skirt 13. Optionally, skirt 13 and tamper-evident ring 30 have complementary formations (46, 36; See Figure 4) which interengage when closure 10 is screwed onto a container. The undercut profile 32 is preferably provided on a series of radially inwardly projecting nibs 31 formed on the inner surface of the ring 30, the nibs being of ratchet configuration for engagement with dogs formed on a container neck. <IMAGE>

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

IPC 8 full level  
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**GB 2295143 A 19960522; GB 2295143 B 19980422; GB 9504262 D0 19950419**; DE 69603521 D1 19990909; DE 69603521 T2 20000203; DE 69613719 D1 20010809; DE 69613719 T2 20020508; EP 0729894 A2 19960904; EP 0729894 A3 19970212; EP 0729894 B1 19990804; EP 0882656 A1 19981209; EP 0882656 B1 20010704

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