

Title (en)
CAP WITH TAMPERPROOF SECURITY RING

Publication
EP 0290720 B1 19930113 (DE)

Application
EP 88101943 A 19880210

Priority
DE 3715862 A 19870512

Abstract (en)
[origin: EP0290720A2] In a known plastic closure cap, its edge part is formed, as security ring, integrally with a screw cap via connection webs, the latter extending approximately radially in the transition from the outside circumference of the screw cap to the top circumference of the security ring. As a result of this radial arrangement of the connection webs, there is a risk that sharp tear-off ends of the connection webs remain on the outside circumference of the screw cap after it is unscrewed for the first time, which results in a risk of injury to the hands of the users of this closure cap. The risk of injury is to be ruled out completely by the new closure cap when it is unscrewed. In a closure cap with a tamper-proof security ring (3), which is constructed integrally with the screw cap (5) via connection webs (4), said connection webs (4) are sprayed onto the screw cap (5) in a lower position relative to the lower edge (15) of said screw cap. As a result, when the closure cap is unscrewed from a container for the first time, the tear-off ends of the connection webs (4) remain completely inside the lower edge (15) of the screw cap so that no tear-off ends projecting axially or radially over said lower edge result. <IMAGE>

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

IPC 8 full level
B65D 41/04 (2006.01); **B65D 41/34** (2006.01); **B65D 55/08** (2006.01)

CPC (source: EP)
B65D 41/0421 (2013.01); **B65D 41/3447** (2013.01)

Cited by
GB2223748A; US7621411B2; EP3828099A1; FR3103470A1

Designated contracting state (EPC)
AT DE FR GB IT

DOCDB simple family (publication)
EP 0290720 A2 19881117; **EP 0290720 A3 19900606**; **EP 0290720 B1 19930113**; AT E84486 T1 19930115; DE 3715862 A1 19881201; DE 3715862 C2 19900419; DE 3877413 D1 19930225

DOCDB simple family (application)
EP 88101943 A 19880210; AT 88101943 T 19880210; DE 3715862 A 19870512; DE 3877413 T 19880210