

Title (en)
Closure device

Title (de)
Verschlussvorrichtung

Title (fr)
Dispositif de fermeture

Publication
EP 0882656 A1 19981209 (EN)

Application
EP 98114045 A 19960222

Priority
• EP 96301179 A 19960222
• GB 9504262 A 19950303

Abstract (en)
A closure (10) comprises a cap having a top wall (11) and a depending skirt (13), said skirt (13) having an internal screw thread (14) for engagement in use with a complementary external screw thread on a container to be closed by the closure (10), the closure (10) further comprising a tamper-evident ring (30) axially aligned with skirt (13). Formation (32) projects inwardly from ring (30) for snap-engagement beneath a retaining bead on the container to restrain ring (30) against axial movement when closure (10) is first unscrewed. Frangible bridges (20) integrally secure ring (30) to skirt (13) and provide tamper evidence when the closure is first unscrewed. Bridges (20) are radially inclined to the closure axis, being attached to skirt (13) at one of their ends and from there extending inwardly and downwardly to attachment to formation (32) at their other ends. Bridges (20) may be narrower in section adjacent skirt (13). Skirt (13) and ring (30) may have complementary formations (46, 36; See Figure 4) which interengage when closure (10) is screwed onto a container. <IMAGE>

IPC 1-7
B65D 41/34

IPC 8 full level
B65D 41/34 (2006.01)

CPC (source: EP)
B65D 41/3409 (2013.01)

Citation (search report)
• [XY] FR 2339541 A1 19770826 - ASTRA PLASTIQUE [FR]
• [YA] EP 0080846 A1 19830608 - JOHNSEN JORGENSEN PLASTICS LTD [GB]

Cited by
GB2414230A; WO2016054720A1

Designated contracting state (EPC)
BE DE FR GB IT NL

DOCDB simple family (publication)
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

DOCDB simple family (application)
GB 9504262 A 19950303; DE 69603521 T 19960222; DE 69613719 T 19960222; EP 96301179 A 19960222; EP 98114045 A 19960222