

Title (en)
Improved security closure.

Title (de)
Sicherheitsverschluss.

Title (fr)
Fermeture de sécurité.

Publication
EP 0396205 A1 19901107 (EN)

Application
EP 90201134 A 19900504

Priority
ES 8901452 A 19890505

Abstract (en)
The stopper is of the type comprising an upper portion forming the stopper body (1) as such, configured by a hollow cylinder of revolution open at the lower end and provided on the inner sidewall thereof with an outwardly extending thread. A circular skirt (2) is attached to the stopper body by way of points or threads (3) which may break on unscrewing. The invention relates to the means that said skirt includes for retention below the arcuate ridge with which bottlenecks are provided. These means are formed by protuberances (5) hollowed out in the outside/inside direction. The projection towards the inner side of said protuberances of semispherical or similar shape, can yield when screwing on the stopper, passing over the thread area and the neck ridge, providing on the other hand sufficient strength on unscrewing the stopper to cause the points or threads to break.

IPC 1-7
B65D 41/34

IPC 8 full level
B65D 41/34 (2006.01)

CPC (source: EP)
B65D 41/3428 (2013.01)

Citation (search report)
• [XP] EP 0343102 A2 19891123 - CROWN CORK AG [CH]
• [AP] EP 0337046 A1 19891018 - BORMIOLI METALPLAST SPA [IT]
• [A] FR 2134264 A1 19721208 - SCAL GP CONDIT ALUMINIUM [FR]
• [A] US 4813562 A 19890321 - BEGLEY DOUGLAS G [US]

Cited by
JP2008239184A

Designated contracting state (EPC)
AT BE CH DE DK FR GB GR IT LI LU NL SE

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