

Title (en)

CONTAINER WITH A SCREW CLOSURE PROVIDED WITH A TAMPER PREVENTION ELEMENT

Publication

EP 0373569 A3 19901031 (DE)

Application

EP 89122858 A 19891211

Priority

DE 8815335 U 19881210

Abstract (en)

[origin: EP0373569A2] A container closure designed as a screw closure 7 with an annular tamper prevention element 11 adjoining the screw closure via thin lugs 10 designed as predetermined breaking points, which element 11, on screwing on, is capable of going beyond a conical flank of an annular projection surrounding the filling neck, which has the screw thread, of the container, and which, on unscrewing, is blocked by its opposite steep flank, is to be developed in such a manner that the destruction of the lugs 10 can be brought about when the container is opened without the inconvenient tendency of the tamper prevention element at least at some points to climb over the annular projection. To this end, the cylindrical region of the filling neck below its annular projection is equipped with advantageously at least two wedge-shaped protuberances, and the tamper prevention element 11 is provided with noses 12, which are wedge-shaped in the opposite direction, in such a manner that the protuberances of the filling neck and the noses of the tamper prevention element form a locking mechanism which, although it allows the screwing on of the screw closure 7, locks the security ring upon unscrewing, however, so that the lugs 10 can be sheared off by the torque applied upon unscrewing. <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)

- [X] EP 0281284 A2 19880907 - COPE ALLMAN PLASTICS LTD [GB]
- [A] EP 0146237 A1 19850626 - CONTINENTAL WHITE CAP INC [US]
- [A] US 2162712 A 19390620 - JOHN HAMBERGER

Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

DE 8815335 U1 19890216; EP 0373569 A2 19900620; EP 0373569 A3 19901031

DOCDB simple family (application)

DE 8815335 U 19881210; EP 89122858 A 19891211