

Title (en)
Child-proof container closure

Title (de)
Behälterverschluss mit Kindersicherung

Title (fr)
Fermeture de récipient à l'épreuve des enfants

Publication
EP 0701949 A3 19961120 (DE)

Application
EP 95113000 A 19950818

Priority
DE 4433160 A 19940917

Abstract (en)
[origin: EP0701949A2] The threaded neck (3) is made of plastic deformable under finger pressure. Teeth (2,5) near the threaded neck and screw cap (1) engage when the screw cap is completely screwed on. The screw cap can only be unscrewed when either the threaded neck and or the screw cap is deformed near the teeth so to disengage. At least one radial protuberance (17) between the threaded neck and the screw cap is positioned on the threaded neck on screw cap and staggered in a peripheral direction to the teeth. The radial distance between the outermost surface of the protuberance and the axis (18) of the screw cap corresponds to the inner radius of the screw cap axially outside the threaded part.

IPC 1-7
B65D 41/04; **B65D 47/06**

IPC 8 full level
B65D 41/04 (2006.01); **B65D 47/06** (2006.01); **B65D 50/04** (2006.01)

CPC (source: EP)
B65D 47/063 (2013.01); **B65D 50/046** (2013.01)

Citation (search report)

- [A] DE 9206318 U1 19920730
- [A] DE 4329036 A1 19940210 - HERBERTS GMBH [DE]
- [A] WO 9318983 A1 19930930 - STOLZ HEINRICH GMBH [DE]
- [A] US 4473162 A 19840925 - DONOGHUE ROBERT J [US]
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EP4021816A4; WO2015137944A1; WO2021042018A1

Designated contracting state (EPC)
DE ES FR IT NL

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EP 0701949 A2 19960320; **EP 0701949 A3 19961120**; **EP 0701949 B1 19980610**; DE 4433160 A1 19960321; DE 59502477 D1 19980716; PL 310496 A1 19960318

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EP 95113000 A 19950818; DE 4433160 A 19940917; DE 59502477 T 19950818; PL 31049695 A 19950915