

Title (en)
Container closure.

Title (de)
Behälterverschluss.

Title (fr)
Fermeture de récipient.

Publication
EP 0631943 A3 19950802 (DE)

Application
EP 94110152 A 19940629

Priority
DE 4321705 A 19930630

Abstract (en)
[origin: EP0631943A2] A screw cap contains, on its cylindrical outer wall, a grooving which continues into the outer annular region of the lid section. The grooving consists of lamella ribs each having a slightly inclined long side and a short side which lies in a plane lying around the longitudinal mid-axis of the container closure. An outer cap which can be fitted onto the screw cap has a lid section which is convex relative to the screw cap, is supported centrally on the lid section of the screw cap, and can be deformed elastically into an approximately flat alignment by applying axial force. During this process, projections moulded onto the inner side of the lid section of the outer cap engage in the grooving of the lid section of the screw cap so that a torque can be transmitted in the opening direction. In the opposite direction of rotation, the outer cap is connected by end faces of an annular shoulder to projections of the screw cap. The screw cap can be used as a single closure or in combination with the outer cap as a child-resistant pressure/rotary closure. <IMAGE>

IPC 1-7
B65D 50/04

IPC 8 full level
B65D 50/04 (2006.01)

CPC (source: EP)
B65D 50/041 (2013.01)

Citation (search report)
• [Y] US 3055524 A 19620925 - GLASBRENNER STANLEY N
• [Y] EP 0112683 A1 19840704 - MERCK & CO INC [US]
• [A] US 3934744 A 19760127 - CURRY JOHN JOSEPH
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