

Title (en)
CLOSURE CAP

Title (de)
VERSCHLUSSKAPPE

Title (fr)
CAPUCHON DE FERMETURE

Publication
EP 4397597 A1 20240710 (EN)

Application
EP 23150161 A 20230103

Priority
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Abstract (en)
The invention relates to closure devices with opening indication element for bottles with a threaded neck. The closure cap comprises a closed sleeve (1), a sealing means, an open sleeve (3) forming a cavity (4) with the closed sleeve (1), as well as an indicator ring (5) with annular belt (6) placed in the cavity (4) with the ability to be released during the first opening and preventing the indicator ring (5) from returning to its initial position when the bottle is closed again. Technical result - increased reliability and security of the closure cap indicating any opening by improving the visual indication of opening of the bottle and strengthening the protection against its bad-faith reuse.

IPC 8 full level
B65D 41/04 (2006.01)

CPC (source: EP)
B65D 41/045 (2013.01); **B65D 41/0492** (2013.01); **B65D 2401/00** (2020.05)

Citation (applicant)

- FR 2217231 B1 19780303 - BOUCHAGE MECANIQUE [FR]
- RU 2223209 C2 20040210
- WO 2005001334 A1 20050106 - WORLDVISION CO LTD [JP], et al
- RU 191981 U1 20190829

Citation (search report)

- [A] WO 0123265 A1 20010405 - GUALA CLOSURES SPA [IT], et al
- [AD] RU 191981 U1 20190829
- [A] EP 0636552 A2 19950201 - BORMIOLI METALPLAST SPA [IT]

Designated contracting state (EPC)
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Designated extension state (EPC)
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