

Title (en)
DEVICE FOR CLOSING CONTAINERS, SUCH AS BOTTLES, CANS OR THE LIKE

Title (de)
VORRICHTUNG ZUM VERSCHLIESSEN VON BEHÄLTERN WIE FLASCHEN, DOSEN ODER DERGLEICHEN

Title (fr)
DISPOSITIF DE FERMETURE DE RÉCIPIENTS, TELS QUE DES BOUTEILLES, DES BOÎTES OU SIMILAIRES

Publication
EP 3608251 A2 20200212 (EN)

Application
EP 19190225 A 20190806

Priority
IT 201800007923 A 20180807

Abstract (en)
Closing device for containers, such as bottles, cans, or the like, comprising a stable coupling element (220) at a dispensing opening (201) of said container (200) and a removable closing element (230), to close said dispensing opening, comprising engaging members (233) of said closing element (230) in said closing position, wherein, the stable coupling element (220) at a container opening consists of a cylindrical capsule which peripherally delimits at least one dispensing duct (224) open at the two ends of said capsule, said capsule (220) having a stable coupling end to be coupled to the wall (201) that surrounds an opening of said container (200), said capsule (220) having an end opposite the container (200) and provided with removable coupling members (227) to be removably coupled to a closing element (230); a closing element (230) shaped as a cylindrical cup and having coupling members (233) intended to engage the coupling members (227) at the opposite-to-the-container end of said capsule (220), characterized in that said closing element (230) has an axial annular extension (240) at the head end facing the container (200), the annular extension (240) being connected to the said closing element (230) by a number of bridges (245) of material spread along its circumference, said axial extension (240) of the closing element (230) being provided with axial and/or circumferential retaining members cooperating with retaining members integral with said capsule (220), so that upon removal of said closing element (230), the bridges of material (245) are cut due to a relative circumferential and/or axial movement between said closing element (230) and said ring (240).

IPC 8 full level
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Citation (applicant)
• US 4299328 A 19811110 - OCHS CHARLES S, et al
• IT 1232510 B 19920217 - INVAT SRL [IT]
• IT 1257289 B 19960112 - FIAT AUTO SPA
• IT 1133343 B 19860709 - POLI LUIGIA [IT]
• IT 1180803 B 19870923 - INVAT SRL [IT]
• IT 1180804 B 19870923 - INVAT SRL [IT]
• IT 1225818 B 19901206 - NORDICA SPA [IT]

Designated contracting state (EPC)
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