

Title (en)
CLOSURE WITH A POURING DEVICE

Publication
EP 0304972 B1 19910717 (FR)

Application
EP 88201271 A 19880621

Priority
BE 8700829 A 19870727

Abstract (en)
[origin: JPS6445266A] PURPOSE: To exactly set a container from its seal condition to the discharge condition by furnishing the inside of a cap with a cylindrical core which has a knife for cutting a seal lid stuck on a pourer aperture, moving the cylindrical core in the axial direction by removal of a certificate band in the lower section of the cap to undergo unsealing, and keeping the cylindrical core in an unsealed state. CONSTITUTION: A plug element 4 has a cylindrical crown 5 with a cam groove 6 and is connected to a cylindrical core 10 by a continuous spacer 9. The core forms a part of the plug 4 and is introduced into a cylindrical guide 12 in the vicinity of a top portion 11. In order that the cylindrical core 10 can pass from the start position to a completely pushed position by removal of a certificate band 3, polypropylene having sufficient flexibility is used for the spacer 9 for forming a hinge and gives which characteristics to a knife 14. A turning cap 7 makes the spacer 9 impossible to return the initial position of cylindrical core 10 when it reaches the lowest position, so that a pourer aperture provided in the top of the cap 7 can be opened and closed.

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B65D 47/36

IPC 8 full level
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CPC (source: EP US)
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Cited by
US5020690A; DE9200191U1; EP1847470A3; DE4121249A1; AU2010356074B2; DE3914518A1; EP0585997A1; NL1008486C2; EP1237797A4; FR2729924A1; US5992692A; EP0520939A1; EP0402310A1; NL2005329C2; FR2729920A1; US6000578A; FR2647089A1; US5228592A; AU644368B2; GR900100375A; US8893912B2; US6315165B1; US8561846B2; WO2012033405A1; WO9426608A1; WO9944904A3; WO9700817A1; WO9623707A1; WO2011162788A1; WO9623706A1; WO9014288A3

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