

Title (en)

Drinking bottle closure with reset function

Title (de)

Trinkflaschenverschluss mit Rückstellfunktion

Title (fr)

Fermeture pour bouteille de boisson refermable automatiquement

Publication

EP 2457842 B1 20150527 (DE)

Application

EP 11004654 A 20110608

Priority

DE 202010015802 U 20101125

Abstract (en)

[origin: EP2457842A1] The cap (1) has a mouthpiece turning cap unit (2) and a screw cap unit (5) provided with two sealing cylinders, respectively, where the cylinders comprise two breakthroughs. The cylinders are plugged into each other and rotatable against each other, where the cylinders form a valve. A reset spring is clamped into a recess of the screw cap unit when the valve is opened by rotation of a mouthpiece and automatically released from the recess when the valve is closed by loosening of the mouthpiece into a rest position. The spring comprises an elastomer plastic part.

IPC 8 full level

B65D 47/26 (2006.01); **B65D 47/32** (2006.01)

CPC (source: EP)

B65D 47/263 (2013.01); **B65D 47/32** (2013.01)

Cited by

USD883737S; USD860716S; EP3802352A4; WO2017201590A1; US9834345B2; USD871133S; USD883738S; US10926925B2; US11273961B2; US11794960B2; USD896572S; USD913746S; USD913745S; US10959552B2; USD988789S; US11034505B2; US11814235B2; US11021314B2; US11524833B2; US11840365B2; USD876905S; USD897151S; USD899871S; US10959553B2; USD935268S; USD960660S; US11503932B2; US11930944B2; USD1018214S

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 202010015802 U1 20110210; DE 102010053518 A1 20120531; EP 2457842 A1 20120530; EP 2457842 B1 20150527

DOCDB simple family (application)

DE 202010015802 U 20101125; DE 102010053518 A 20101204; EP 11004654 A 20110608