

Title (en)

Upright liquid containing system with self seal valve.

Title (de)

Stehende Flüssigkeit enthaltendes System mit Selbstverschlussventil.

Title (fr)

Système vertical contenant un liquide avec valve de fermeture automatique.

Publication

EP 0586778 A1 19940316 (EN)

Application

EP 92870144 A 19920910

Priority

EP 92870144 A 19920910

Abstract (en)

The invention relates to a container system (1) for a liquid which has a viscosity below 1000 mPas. The container system (1) comprises a discharge (13) which is sealed by a retractive self seal valve (3). In particular, the invention relates to a standing plastic bottle for dishwashing liquids having a retractive self sealing valve (3) over its discharge orifice (13). When squeezing the bottle to discharge liquid the retractive self sealing valve (3) pops out first before a slit (25) in the top portion (4) of the self sealing valve (3) opens to squirt out liquid. Upon releasing pressure from the bottle the slit (25) closes and the valve (3) retracts. This provides improved separation between the liquid and the bottle cap such that a less messy discharging operation is achieved. <IMAGE>

IPC 1-7

B65D 47/20; **B65D 47/06**

IPC 8 full level

B65D 47/06 (2006.01); **B65D 47/20** (2006.01)

CPC (source: EP)

B65D 47/063 (2013.01); **B65D 47/2031** (2013.01)

Citation (search report)

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- [A] US 2175052 A 19391003 - BULL ARTHUR W, et al

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Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0586778 A1 19940316; AU 4839093 A 19940329; BR 9307039 A 19990629; CA 2143332 A1 19940317; CN 1087596 A 19940608; JP H08506307 A 19960709; MX 9305547 A 19940429; TR 27060 A 19941011; WO 9405552 A1 19940317

DOCDB simple family (application)

EP 92870144 A 19920910; AU 4839093 A 19930830; BR 9307039 A 19930830; CA 2143332 A 19930830; CN 93119087 A 19930910; JP 50731993 A 19930830; MX 9305547 A 19930909; TR 76593 A 19930902; US 9308059 W 19930830