

Title (en)

Cover for a tilt valve of an aerosol can

Title (de)

Abdeckung für ein Kipp-Ventil einer Aerosoldose

Title (fr)

Couvercle destiné à une valve à basculement d'une bombe aérosol

Publication

EP 2664559 A1 20131120 (EN)

Application

EP 12168321 A 20120516

Priority

EP 12168321 A 20120516

Abstract (en)

It is provided a cover for a tilt valve (20) of an aerosol can (32) comprising a sidewall (12) for connecting the cover (10) with a base plate (18) of the tilt valve (20) and/or with a can body (30) of the aerosol can (32), a top wall (14) for covering the base plate (18), wherein the whole top wall (14) is mainly unmovable with respect to the sidewall (12), wherein the top wall (14) comprises a guiding slit (22) for receiving a valve stem (24) of the tilt valve (20), wherein the guiding slit (22) comprises a length along an actuation direction (46) for tilting the valve stem (24) between a closed position, where an outlet passage (26) of the tilt valve (20) is closed, and a opened position, where the outlet passage (26) of the tilt valve (20) is opened, with respect to the base plate (18), wherein the top wall (14) and/or the sidewall (12) comprise a three-dimensional forming by which a finger depression (34) for receiving a human finger, particularly a human thumb, is provided, wherein the finger depression (34) extends up to a starting area (33) of the guiding slit (22), where the valve stem (24) is located in closed position. This enables an operation of aerosol cans (32) with a low risk of soiling or damaging the tilt valve (20) in a simple and cost efficient manner.

IPC 8 full level

B65D 83/46 (2006.01); **B65D 83/20** (2006.01)

CPC (source: EP)

B65D 83/205 (2013.01); **B65D 83/46** (2013.01)

Citation (applicant)

- US 3658294 A 19720425 - EWALD RONALD F
- US 4426026 A 19840117 - KNICKERBOCKER MICHAEL G [US]

Citation (search report)

- [X1] WO 2007037489 A1 20070405 - KOBAYASHI PHARMA [JP], et al
- [XY1] WO 2005082743 A2 20050909 - ROCEP LUSOL HOLDINGS [GB], et al
- [XY1] JP 2011098741 A 20110519 - EARTH CHEMICAL CO, et al

Cited by

CN107336920A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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