

Title (en)
Aerosol cap with lock

Title (de)
Aerosoldosenverschluss mit Schloss

Title (fr)
Capuchon d'aérosol avec verrou

Publication
EP 2228319 B1 20130529 (EN)

Application
EP 09155090 A 20090313

Priority
EP 09155090 A 20090313

Abstract (en)
[origin: EP2228319A1] The present invention relates to an aerosol cap (1) comprising a base portion (2) and an aerosol actuation portion (10) for interfacing with an aerosol can (4), in particular the fluid exit tubing (5) from the aerosol can (4), wherein the aerosol actuation portion (10) is rotationally held in the aerosol cap (1). The aerosol cap (1) further comprises a slidable or rotatable locking mechanism (20) having both a locked orientation and an unlocked orientation. The locking mechanism (20) comprises one or more locking extensions (21) which, when the locking mechanism (20) is in the locked orientation, align with one or more blocking surfaces (11) of the aerosol cap (1) to stop rotation of the aerosol actuation portion (10). Additionally, when the locking mechanism (20) is in the unlocked orientation, the one or more locking extensions do not align with the one or more blocking surfaces (11) of the aerosol cap (1) or align with gaps formed in the one or more blocking surfaces (11) of the aerosol cap (1), thus allowing rotation of the actuation portion (10).

IPC 8 full level
B65D 83/16 (2006.01)

CPC (source: EP)
B65D 83/206 (2013.01); **B65D 83/22** (2013.01); **B65D 83/226** (2013.01); **B65D 83/228** (2013.01)

Citation (examination)
• US 3918614 A 19751111 - STEIMAN WOLF
• US 3828982 A 19740813 - STEIGERWALD C

Cited by
JP2012171643A; JP2013525224A; JP2013166572A; FR3031344A1; US9986809B2; WO2018194445A1; WO2016110508A1; US10131488B2; US10426979B2; US11311749B2

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
EP 2228319 A1 20100915; EP 2228319 B1 20130529

DOCDB simple family (application)
EP 09155090 A 20090313