

Title (en)  
HAND HELD AEROSOL DISPENSER

Title (de)  
TRAGBARER AEROSOLSPRÜHER

Title (fr)  
Distributeur aérosol portatif

Publication  
**EP 2342147 A1 20110713 (EN)**

Application  
**EP 09740908 A 20091029**

Priority  

- EP 2009064314 W 20091029
- EP 08168360 A 20081105
- GB 0911507 A 20090703
- EP 09740908 A 20091029

Abstract (en)  
[origin: WO2010052168A1] An ergonomically excellent hand-held aerosol dispenser (1) comprising an aerosol container (3) and an attached spray through cap (2), the container (3) having a valve (15) at its top and a waisted section (4) towards its upper end, the upper expansion of the waisted section (4) smoothly continuing into the attached cap (2), the attached cap (2) reaching a maximum cross-sectional dimension which decreases further up and having: (i) an actuator button (6) located on its surface (8) above its maximum cross-sectional dimension, said button (6) being angled upwards at from 15° to 50°; (ii) a spray aperture (7) on the opposite side of the cap (2) from the actuator button (6); and (iii) an associated spray channel (15) providing a fluid connection between the valve (15) on the container (3) and the spray aperture (7); the dimensions of the dispenser (1) allowing the consumer to grip the dispenser (1) around the waisted section (4) of the container and, with the same hand, press upon the actuator button (6) with an index finger to operate the dispenser (1).

IPC 8 full level  
**B65D 83/16** (2006.01); **B65D 83/14** (2006.01)

CPC (source: EP US)  
**B65D 83/206** (2013.01 - EP US); **B65D 83/22** (2013.01 - EP US); **B65D 83/38** (2013.01 - EP US); **B65D 2215/04** (2013.01 - EP US)

Citation (search report)  
See references of WO 2010052168A1

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 SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**WO 2010052168 A1 20100514**; AR 074279 A1 20110105; AU 2009312916 A1 20100514; AU 2009312916 B2 20140522; BR PI0916052 A2 20151110; BR PI0916052 B1 20191119; BR PI0916052 B8 20191224; CA 2742553 A1 20100514; CA 2742553 C 20170912; CN 102341319 A 20120201; CN 102341319 B 20131120; EA 020972 B1 20150331; EA 201170641 A1 20111230; EP 2342147 A1 20110713; EP 2342147 B1 20140611; ES 2485641 T3 20140814; GB 0911507 D0 20090812; JP 2012507450 A 20120329; JP 5576871 B2 20140820; MX 2011004846 A 20110728; PL 2342147 T3 20141128; US 2012037668 A1 20120216

DOCDB simple family (application)  
**EP 2009064314 W 20091029**; AR P090104271 A 20091029; AU 2009312916 A 20091029; BR PI0916052 A 20091029; CA 2742553 A 20091029; CN 200980154860 A 20091029; EA 201170641 A 20091029; EP 09740908 A 20091029; ES 09740908 T 20091029; GB 0911507 A 20090703; JP 2011533728 A 20091029; MX 2011004846 A 20091029; PL 09740908 T 20091029; US 200913127251 A 20091029