

Title (en)  
Sprayer device

Title (de)  
Zerstäubervorrichtung

Title (fr)  
Dispositif de pulvérisation

Publication  
**EP 2128042 A1 20091202 (EN)**

Application  
**EP 09251216 A 20090429**

Priority  
GB 0807723 A 20080429

Abstract (en)  
The present application relates to a sprayer device (1) comprising: a container (2) holding a liquid medium to be discharged as a spray by the device (1), said container (2) having an outlet (8) at an upper end of the container and being formed with an upper shoulder region (6) that is of increasing external cross-section going in a direction downwardly away from said upper end of the body, a nozzle (11) capable of communicating with the outlet (8), an actuator mechanism (4) operable to effect discharge of the liquid medium from said nozzle (11), a cap unit (3) mounted on an upper region of the container (2) so as to enclose the outlet, and a sleeve (13) pre-formed as a component separate of the cap unit and being seated on the shoulder region (6) of the container (2).

IPC 8 full level  
**B65D 83/20** (2006.01); **B65D 83/38** (2006.01); **B05B 11/00** (2006.01)

CPC (source: EP GB US)  
**B05B 11/00** (2013.01 - GB); **B05B 11/0038** (2018.07 - EP); **B65D 83/14** (2013.01 - GB); **B65D 83/206** (2013.01 - EP US); **B65D 83/384** (2013.01 - EP GB); **B05B 11/0037** (2013.01 - EP US); **B65D 2203/12** (2013.01 - EP)

Citation (search report)

- [XY] US 2998165 A 19610829 - DE ELORZA JOHN
- [XA] US 2007241134 A1 20071018 - GURRISI PAUL [US], et al
- [X] WO 2005115876 A1 20051208 - NARDONE PETER [AU]
- [AY] US 4226340 A 19801007 - TROESCH LOUIS
- [A] US 2002145005 A1 20021010 - SANCHEZ MARCEL [FR]
- [A] US 2005133542 A1 20050623 - KOLANUS GUNTER [DE]
- [A] WO 2007022422 A2 20070222 - SUMMIT PACKAGING SYST [US], et al

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR 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)  
**GB 0807723 D0 20080604**; **GB 2459655 A 20091104**; **GB 2459655 B 20130529**; EP 2128042 A1 20091202; EP 2128042 B1 20140910

DOCDB simple family (application)  
**GB 0807723 A 20080429**; EP 09251216 A 20090429