

Title (en)

AEROSOL SPRAY PRODUCT DISPENSING DEVICE, METHOD OF MANUFACTURING SUCH A DEVICE

Title (de)

AEROSOLZERSTÄUBERPRODUKTABGABEVORRICHTUNG, HERSTELLUNGSVERFAHREN DIESER VORRICHTUNG

Title (fr)

DISPOSITIF DE DISTRIBUTION DE PRODUIT DE PULVÉRISATION AÉROSOL, MÉTHODE DE FABRICATION DE CE DISPOSITIF

Publication

EP 3246269 A1 20171122 (EN)

Application

EP 17000755 A 20170503

Priority

IT UA201623258 U 20160518

Abstract (en)

An aerosol spray product dispensing device is illustrated, wherein the body or cap of the dispenser is formed by molding polypropylene or other plastic materials employing a step of molding the main body, followed by a step of compressing to fix the nozzle fan -dispensing fan which belongs to the first molding in its housing on the main body and then a second molding applies the dispenser button, usually of different color and different material and/or of the same material, to obtain a finished dispenser part. The dispensing element is practically finished with no need of welding operations of any part thereof.

IPC 8 full level

B65D 83/20 (2006.01); **B65D 83/28** (2006.01); **B65D 83/22** (2006.01)

CPC (source: EP)

B65D 83/206 (2013.01); **B65D 83/28** (2013.01); **B65D 83/226** (2013.01); **B65D 83/228** (2013.01)

Citation (search report)

- [A] WO 2013055323 A1 20130418 - APTARGROUP INC [US], et al
- [A] WO 2004078635 A2 20040916 - SEQUIST PERFECT DISPENSING FOREIGN INC [US]
- [A] EP 1206972 A1 20020522 - OREAL [FR]
- [A] EP 2004538 A2 20081224 - PRECISION VALVE CORP [US]
- [A] EP 0693439 A1 19960124 - COSTER TECNOLOGIE SPECIALI SPA [IT]
- [A] EP 2910491 A1 20150826 - COSTER TECNOLOGIE SPECIALI SPA [IT]
- [A] FR 2814727 A1 20020405 - OREAL [FR]
- [A] US 2015166250 A1 20150618 - BRACE GEOFFREY [US], et al

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)

EP 3246269 A1 20171122; **EP 3246269 B1 20181128**; ES 2712677 T3 20190514; PL 3246269 T3 20190531; TR 201902431 T4 20190321

DOCDB simple family (application)

EP 17000755 A 20170503; ES 17000755 T 20170503; PL 17000755 T 20170503; TR 201902431 T 20170503