

Title (en)
PRODUCT APPLICATOR DEVICE AND USE THEREOF

Title (de)
PRODUKTAPPLIKATORVORRICHTUNG UND VERWENDUNG DAVON

Title (fr)
DISPOSITIF APPLICATEUR DE PRODUIT ET SON UTILISATION

Publication
EP 2667744 A1 20131204 (FR)

Application
EP 12702588 A 20120106

Priority
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Abstract (en)
[origin: WO2012101353A1] The invention relates to a product applicator device comprising: a reservoir (20) that extends along a central axis (X) between a proximal end (22) and a distal end (23); a cap (52) that is connected to the distal end of the reservoir, said cap having an opening (54) along the central axis; a spherical plug valve (57) mounted such that it can pivot in the cap in order to selectively open and close the reservoir; and a rod (16) extending along the central axis as far as an applicator head (19), which rod can move axially between retracted and extended positions. The plug valve is opened and the rod is subsequently extended by actuating a base (3) which is mounted such that it can move with respect to an external body (2) that is solidly connected to the cap.

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A45D 40/26 (2006.01)

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Citation (search report)
See references of WO 2012101353A1

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WO 2012101353 A1 20120802; CN 103442613 A 20131211; CN 103442613 B 20160316; EP 2667744 A1 20131204; EP 2667744 B1 20150311; ES 2538388 T3 20150619; FR 2970849 A1 20120803; FR 2970849 B1 20130222; JP 2014503328 A 20140213; JP 5878561 B2 20160308; KR 101832205 B1 20180413; KR 20140009271 A 20140122; US 2013302081 A1 20131114; US 9179757 B2 20151110

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