

Title (en)  
IMPROVED SPRAYING HEAD

Title (de)  
VERBESSERTER SPRÜHKOPF

Title (fr)  
TETE DE PULVERISATION AMELIOREE.

Publication  
**EP 2983832 A2 20160217 (FR)**

Application  
**EP 14722261 A 20140404**

Priority  
• FR 1353102 A 20130408  
• FR 2014050814 W 20140404

Abstract (en)  
[origin: WO2014167224A2] The invention relates to a spraying head (1) for a device for dispensing a fluid product, said spraying head (1) comprising a body (10) defining an ejection channel (11) ending in a dispensing opening (12), an insert (20) being arranged in said ejection channel (11), the downstream end of said insert (20) defining with the downstream end portion of said ejection channel (11), a spraying profile in the direction of flow of the product, said insert (20) comprising a resiliently deformable portion (21) suitable for deforming in order to absorb and/or compensate for the size variations of said body (10) and/or of said insert (20), and/or to compensate for deformations and/or movements of said insert (20) in said body (10), said resiliently deformable portion (21) of the insert (20) comprising axially and/or radially deformable tabs (210) and/or a portion (220) that is overmoulded with deformable material and/or one or more radial openings (230) passing through said insert (20) and/or at least one angled strip of deformable material (240).

IPC 8 full level  
**B05B 11/00** (2006.01)

CPC (source: EP US)  
**B05B 11/0067** (2013.01 - EP US); **B05B 11/0072** (2013.01 - EP US); **B05B 11/1047** (2023.01 - EP US); **B05B 11/1077** (2023.01 - EP US); **B05B 11/1016** (2023.01 - EP US)

Citation (search report)  
See references of WO 2014167224A2

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)  
**FR 3004128 A1 20141010; FR 3004128 B1 20170113**; CN 105209176 A 20151230; CN 105209176 B 20170412; EP 2983832 A2 20160217; EP 2983832 B1 20170719; JP 2016522013 A 20160728; JP 6348970 B2 20180627; US 10092920 B2 20181009; US 2016339464 A1 20161124; WO 2014167224 A2 20141016; WO 2014167224 A3 20141218

DOCDB simple family (application)  
**FR 1353102 A 20130408**; CN 201480026713 A 20140404; EP 14722261 A 20140404; FR 2014050814 W 20140404; JP 2016507032 A 20140404; US 201414782484 A 20140404