

Title (en)  
 SPRAY NOZZLE, IN PARTICULAR FOR A SYSTEM FOR DISPENSING A PRESSURIZED FLUID PROVIDED WITH A PUSHBUTTON, AND DISPENSING SYSTEM COMPRISING SUCH A NOZZLE

Title (de)  
 SPRITZDÜSE, INSBESONDERE FÜR EIN SYSTEM ZUR VERTEILUNG EINES UNTER DRUCK STEHENDEN PRODUKTS, DAS MIT EINEM DRUCKKNOPF AUSGESTATTET IST, UND VERTEILUNGSSYSTEM, DAS EINE SOLCHE DÜSE UMFASST

Title (fr)  
 BUSE DE PULVERISATION, NOTAMMENT POUR UN SYSTEME DE DISTRIBUTION D'UN PRODUIT SOUS PRESSION MUNI D'UN BOUTON POUSSOIR, ET SYSTEME DE DISTRIBUTION COMPRENANT UNE TELLE BUSE

Publication  
**EP 3231516 A1 20171018 (FR)**

Application  
**EP 17165610 A 20170407**

Priority  
 FR 1653320 A 20160414

Abstract (en)  
 [origin: JP2017190188A] PROBLEM TO BE SOLVED: To provide a spray nozzle, in particular for a system for dispensing a pressurized fluid provided with a pushbutton, and a dispensing system comprising such a nozzle.SOLUTION: A spray nozzle (12), in particular for a system for dispensing a pressurized product provided with a pushbutton, includes a dispensing orifice (23) and a vortex chamber (22) in communication with the dispensing orifice (23). The vortex chamber includes a conical part (31) defined by a conical side surface (25). The conical side surface converges from an upstream end (26) toward a downstream supply end (27) of the dispensing orifice (23). The nozzle further includes at least one supply channel (24) of the vortex chamber, each supply channel (24) being in communication with the upstream end (26) of the conical part (31), the conical side surface (25) having at least one stepped part (33) provided with multiple steps (36).SELECTED DRAWING: Figure 2

Abstract (fr)  
 L'invention concerne une buse de pulvérisation, notamment pour un système de distribution d'un produit sous pression muni d'un bouton poussoir, la buse (12) comprenant un orifice de distribution (23) et une chambre tourbillonnaire (22) débouchant sur l'orifice de distribution (23), la chambre comportant une partie conique (31) délimitée par une surface latérale (25) conique, ladite surface latérale conique étant convergente depuis une extrémité amont (26) vers une extrémité aval (27) d'alimentation de l'orifice de distribution (23), la buse comprenant en outre au moins un canal (24) d'alimentation de ladite chambre tourbillonnaire, le ou les canaux (24) d'alimentation débouchant à l'extrémité amont (26) de la partie conique (31), la surface latérale (25) présentant au moins une portion étagée (33) munie d'une pluralité de niveaux (36).

IPC 8 full level  
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Citation (applicant)  
 FR 2952360 A1 20110513 - REXAM DISPENSING SYS [FR]

Citation (search report)  
 • [XY] WO 03061839 A1 20030731 - VERBENA CORP N V [NL], et al  
 • [X] US 3129893 A 19640421 - GREEN EDWARD HOWARD [US]  
 • [XI] US 4989790 A 19910205 - MARTIN DOUGLAS S [US], et al  
 • [YD] FR 2952360 A1 20110513 - REXAM DISPENSING SYS [FR]

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