

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 B1 20210602 (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

IPC 8 full level

**B05B 1/34** (2006.01); **B05B 11/00** (2006.01)

CPC (source: CN EP KR US)

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Cited by

FR3106765A1; EP3530355A1; FR3078271A1; WO2021156573A1

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