

Title (en)  
SPRAY NOZZLE FOR A SPRAY TOOL

Title (de)  
SPRÜHDÜSE FÜR EIN SPRÜHWERKZEUG

Title (fr)  
BUSE DE PULVÉRISATION POUR UN OUTIL DE PULVÉRISATION

Publication  
**EP 3641947 B1 20201104 (DE)**

Application  
**EP 18773337 A 20180911**

Priority  
• DE 102017121274 A 20170914  
• DE 2018100767 W 20180911

Abstract (en)  
[origin: WO2019052601A1] A spray nozzle (1) has a dosing space (10) inside a nozzle housing (2), in which dosing space a release agent can be introduced, the volume of the dosing space (10) being variable by means of a dosing element (9). An active bleed unit is integrated into the spray nozzle (1) and can be adjusted automatically from a deactivated position to a bleed and open position via an actuation variable.

IPC 8 full level  
**F04B 17/05** (2006.01); **B05B 1/30** (2006.01); **B05B 7/04** (2006.01); **B05B 9/04** (2006.01); **B22D 17/20** (2006.01); **F04B 15/02** (2006.01); **F04B 53/06** (2006.01)

CPC (source: EP KR US)  
**B05B 1/1681** (2013.01 - US); **B05B 1/302** (2013.01 - EP KR); **B05B 7/0483** (2013.01 - EP KR); **B05B 9/0413** (2013.01 - EP KR); **B05B 11/047** (2013.01 - US); **B22D 17/2007** (2013.01 - EP KR US); **F04B 15/02** (2013.01 - EP KR); **F04B 17/05** (2013.01 - EP KR); **F04B 53/06** (2013.01 - EP KR); **B05B 15/534** (2018.02 - EP KR)

Cited by  
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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

DOCDB simple family (publication)  
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**DE 102017121274 A 20170914**; DE 2018100767 W 20180911; EP 18773337 A 20180911; ES 18773337 T 20180911; HU E18773337 A 20180911; KR 20207010584 A 20180911; PL 18773337 T 20180911; SI 201830200 T 20180911; US 202016812429 A 20200309