

Title (en)  
Nozzle for spraying a surface

Title (de)  
Düse zum Besprühen einer Fläche

Title (fr)  
Buse de pulvérisation d'un fluide sur une surface

Publication  
**EP 1170059 B1 20060906 (DE)**

Application  
**EP 01115038 A 20010621**

Priority  
• DE 10033190 A 20000707  
• DE 10041120 A 20000822

Abstract (en)  
[origin: EP1170059A2] Nozzle (1) used for spraying a surface comprises a housing (2a) with a feed channel (14), an outlet opening for the spray liquid, and a baffle plate (6) for guiding the stream emerging from the outlet opening. The outlet opening lies in the area (3a) to be sprayed. The baffle plate is arranged on a piston rod (16) guided centrally in the feed channel. In one of its end positions the baffle plate closes the outlet opening so that it is moved by the pressure of the liquid against the force of a restoring spring (5) into a second end position defined by a stop (18), and in this end position lies a distance in front of the outlet opening. Preferred Features: The piston rod passes through a ring slot (8) in front of the outlet opening.

IPC 8 full level  
**B05B 1/04** (2006.01); **B05B 1/26** (2006.01); **B05B 1/30** (2006.01); **B05B 15/10** (2006.01)

CPC (source: EP KR US)  
**B05B 1/04** (2013.01 - KR); **B05B 1/265** (2013.01 - EP US); **B05B 1/267** (2013.01 - EP US); **B05B 1/3006** (2013.01 - EP US);  
**B05B 1/3073** (2013.01 - EP US)

Cited by  
RU2635155C1; RU2669176C2; RU2625705C1; RU2635118C1; RU2622798C1; RU2631275C1; RU2669177C2; RU2631276C1; RU2659057C1; RU2609467C1; RU2616858C1; CN113950377A; RU2481159C1; RU2647114C2; RU2648067C2; RU2656443C1; RU2622301C1; RU2667279C1; CN110080352A; RU2647200C2; RU2654017C2; RU2667789C1; RU2669833C2; DE102011007128B3; RU2649551C1; RU2665534C1; RU2616862C1; RU2639704C1; RU2666407C1; RU2645506C1; RU2646718C2; RU2646926C1; RU2650922C1; EP2511012A1; WO2020244913A1

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