

Title (en)  
Two-stage pressurised atomising nozzle

Title (de)  
Zweistufige Druckzerstäuberdüse

Title (fr)  
Buse de pulvérisation par pression à deux étages

Publication  
**EP 0924460 B1 20030423 (DE)**

Application  
**EP 97811007 A 19971222**

Priority  
EP 97811007 A 19971222

Abstract (en)  
[origin: EP0924460A1] Both feed channels issue in a turbulence and/or swirl chamber limited by a first closure component in relation to an outer space and by a second closure component in relation to the first feed channel. At least one connecting channel in the second closure component is connected with the first feed channel and via an outlet aperture in the first closure component with the outer space. In the turbulence and/or swirl chamber a separate central changeover body (16) divides the chamber into at least two part chambers. Each part chamber via at least one turbulence producer channel (18) is connected with the first feed channel (6), via at least one swirl channel (11) with the second feed channel (7) and via an outlet aperture (13) with the outer space.

IPC 1-7  
**F23D 11/38**; **F23D 11/40**; **F23C 7/00**; **B05B 7/04**; **B05B 7/10**

IPC 8 full level  
**B05B 1/34** (2006.01); **B05B 7/04** (2006.01); **B05B 7/10** (2006.01); **F23C 7/00** (2006.01); **F23D 11/26** (2006.01); **F23D 11/38** (2006.01); **F23D 11/40** (2006.01); **B05B 1/14** (2006.01)

CPC (source: EP)  
**B05B 1/3421** (2013.01); **B05B 7/0408** (2013.01); **B05B 7/0475** (2013.01); **B05B 7/10** (2013.01); **F23C 7/002** (2013.01); **F23D 11/26** (2013.01); **F23D 11/383** (2013.01); **F23D 11/402** (2013.01); **B05B 1/14** (2013.01); **F23C 2900/07002** (2013.01); **F23D 2204/00** (2013.01)

Cited by  
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