

Title (en)

Device for spraying liquids, particularly paints.

Title (de)

Vorrichtung zum Versprühen von Flüssigkeiten, insbesondere Farbe.

Title (fr)

Dispositif de pulvérisation de liquides, en particulier de peinture.

Publication

EP 0664161 A1 19950726 (DE)

Application

EP 95100260 A 19950110

Priority

DE 4401488 A 19940119

Abstract (en)

The device has a nozzle (3), which is operated without air. The nozzle is moved into alignment with a paint channel (2), for pressurized ejection of paint. The paint jet is enclosed with air jets, by air channels. A turning device (1,9) moves the nozzle through 180 deg. into a cleaning position, in which the nozzle outlet faces the paint channel. The turning device has a spherical turnable holder (1) for the nozzle in a housing, and a connected turning lever (9). Two air channels are located in a plane diametrically opposite to each other. Their discharges are directed towards the flat sides of the flat paint jet.

Abstract (de)

Vorrichtung zum Versprühen von Flüssigkeiten, insbesondere Farbe, umfaßt eine luftlos betreibbare Düse (3), die mit einem Farbkanal (2) zum Austreiben von Farbe unter Druck in Fluchtung bringbar ist, Luftkanäle (13, 14; 15, 16) zum Lenken von Luftstrahlen auf den aus der Düse ausgetriebenen Farbstrahl sowie eine Wendeeinrichtung (1, 9) zum Verdrehen der Düse (3) in eine um 180° verdrehte Reinigungsstellung, in welcher die Düsenaustrittsöffnung dem Farbkanal (2) zugewandt ist. <IMAGE>

IPC 1-7

B05B 15/02; **B05B 7/08**

IPC 8 full level

B05B 7/08 (2006.01); **B05B 15/02** (2006.01); **B05B 15/534** (2018.01)

CPC (source: EP)

B05B 7/0815 (2013.01); **B05B 15/534** (2018.01)

Citation (search report)

- [A] US 3116882 A 19640107 - VORK WILLIAM D
- [A] GB 1200012 A 19700729 - DELAVAN WATSON LTD
- [A] PATENT ABSTRACTS OF JAPAN vol. 14, no. 20 (C - 676) 17 January 1989 (1989-01-17)
- [A] DATABASE WPI Section PQ Week 5187, 30 December 1987 Derwent World Patents Index; Class P42, AN 87-361128

Cited by

CN112547386A; EP0804969A3; CN110653077A; WO9809733A1

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