

Title (en)  
PAINTING DEVICE

Title (de)  
LACKIERVORRICHTUNG

Title (fr)  
DISPOSITIF DE PEINTURE

Publication  
**EP 1119420 B1 20051026 (DE)**

Application  
**EP 00960395 A 20000804**

Priority  
• DE 19937474 A 19990807  
• EP 0007596 W 20000804

Abstract (en)  
[origin: WO0110564A1] Prior art painting devices are perceived as being disadvantageous in that a relatively large amount of paint is lost during cleaning carried out using a scraper, and by virtue of the fact that the color changing device can not be fully cleaned. In order to prevent this drawback, the invention provides that the scraping station (66) assigned to the color changing device (48) is arranged on the end of the color changing device (48) facing away from the connecting device (12). This enables the scraper, during a cleaning process, to also move through the color changing device (48) and to clean the same. In order to prevent a contamination of the paint supply device (60, 62, 64), a control element (18) closes a paint valve (54, 56, 58), which has just been opened, at the moment in which the scraper moves past the opening of the corresponding paint supply line (61, 63, 65). The position of the scraper is detected by a sensor (50) in the area of the color changing device (48). The residual paint present in the color changing device (48) between the opening of the corresponding paint supply line (61, 63, 65) and the scraping station (66) is carried away via a residual paint channel (72).

IPC 1-7  
**B05B 12/14**; **B05B 15/02**; **B08B 9/055**

IPC 8 full level  
**B05B 15/02** (2006.01); **B05B 15/55** (2018.01); **B08B 9/04** (2006.01)

CPC (source: EP)  
**B05B 12/1481** (2013.01); **B05B 15/55** (2018.01); **B08B 9/055** (2013.01); **B08B 9/0551** (2013.01)

Cited by  
CN111939449A; EP2669305A1

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DOCDB simple family (publication)  
**WO 0110564 A1 20010215**; AT E307678 T1 20051115; CA 2346419 A1 20010215; CZ 20011228 A3 20020313; DE 19937474 A1 20010322; DE 19937474 C2 20010802; DE 50011440 D1 20051201; EP 1119420 A1 20010801; EP 1119420 B1 20051026

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