

Title (en)

Process and apparatus for cleaning a paint supply device in a painting installation

Title (de)

Verfahren und Vorrichtung zum Reinigen einer Lack-Förderleitung in einer Lackiereinrichtung

Title (fr)

Procédé et appareil pour nettoyer un système d'alimentation en peinture dans un appareil de revêtement

Publication

EP 1284162 B1 20051026 (DE)

Application

EP 02016688 A 20020726

Priority

DE 10140216 A 20010817

Abstract (en)

[origin: EP1284162A1] The equipment may have two containers (2,9) for lacquer paints of different colors. They have supply and return lines (5,6) and (10,11) connected to a paint supply changeover system (8). The output line (1) passes to the spray nozzle (4) via a control system (17). The purging system (23) has supplies of nitrogen (28) and purging fluid (29) connected to pressure regulators (34,38) and pressure sensors (35,39) and further control valves (36-40). Fluid flows through a purge line (24) to the nozzle.

IPC 1-7

B05B 12/14

IPC 8 full level

B08B 5/02 (2006.01); **B05B 12/14** (2006.01); **B05B 15/02** (2006.01); **B05B 15/55** (2018.01); **B05C 11/10** (2006.01); **B05D 3/10** (2006.01); **B08B 3/04** (2006.01); **B08B 9/02** (2006.01)

CPC (source: EP US)

B05B 12/14 (2013.01 - EP US); **B05B 15/55** (2018.01 - EP US); **B05B 12/1481** (2013.01 - EP US)

Cited by

CN106573266A; WO2016012100A1; US10625291B2; EP3130878B1; WO2021204748A1; EP3656476B1

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EP 1284162 A1 20030219; **EP 1284162 B1 20051026**; AT E307679 T1 20051115; CA 2398121 A1 20030217; CN 1238115 C 20060125; CN 1406677 A 20030402; DE 10140216 A1 20030306; DE 10140216 B4 20060209; DE 20118531 U1 20030116; DE 50204660 D1 20051201; ES 2250554 T3 20060416; JP 2003136030 A 20030513; JP 3828468 B2 20061004; MX PA02007943 A 20050908; US 2003041884 A1 20030306; US 2005139237 A1 20050630; US 7066186 B2 20060627; US 7117877 B2 20061010

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