

Title (en)

Apparatus and method for cleaning floor gratings in paint booths

Title (de)

Vorrichtung und Verfahren zur Reinigung der Gitterroste einer Lackierkabine

Title (fr)

Dispositif et procédé de nettoyage des caillebotis dans les cabines de peinture

Publication

EP 1312419 B1 20050309 (DE)

Application

EP 02009734 A 20020430

Priority

DE 10155759 A 20011114

Abstract (en)

[origin: EP1312419A1] To clean the lattice grids (9) in a paint spray cabin (1), they are sprayed with a cleaning fluid (10) containing a coagulant under a high pressure of ≤ 600 bar, during a break in painting while the painted workpiece is still in place, and preferably at least once every working day. The cleaning action is through a sliding spray unit (23), moved over the lattice grids, with spray jets rotating on a circular path. The cleaning fluid is caught in a trap (11,12) under the lattice grids, and passed to a filter (16).

IPC 1-7

B05B 15/12; B08B 3/02; B05B 3/06

IPC 8 full level

B05B 3/06 (2006.01); **B05B 14/41** (2018.01); **B05B 15/12** (2006.01); **B08B 3/02** (2006.01)

CPC (source: EP)

B05B 3/06 (2013.01); **B05B 14/41** (2018.01); **B08B 3/024** (2013.01)

Cited by

CN109078790A; CN115646698A; EP1518612A1; FR2860173A1; US11198145B2; WO2011057787A1; WO2007065298A1

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