

Title (en)

PROCESS AND DEVICE FOR CONTROLLING THE EMISSION CURRENT IN A POWDER COATING INSTALLATION

Publication

EP 0559608 A3 19931027 (DE)

Application

EP 93810109 A 19930219

Priority

CH 73192 A 19920306

Abstract (en)

[origin: EP0559608A2] In order to monitor the corona discharge current in powder coating installations, the current flowing (I) from the workpiece (3) is measured. Variations of the current intensity (I) are proportional to the variation of the corona discharge current at the electrode (9) in the corona zone (5). The variations can be caused by fouling of the electrode (9), a drop in the voltage at the electrode (9) or in the contact earthing of the workpiece (3). <IMAGE>

IPC 1-7

C23C 24/00; **B05D 1/06**

IPC 8 full level

B05B 5/10 (2006.01); **B05D 1/06** (2006.01); **C23C 4/12** (2006.01); **C23C 24/00** (2006.01)

CPC (source: EP)

B05B 5/10 (2013.01); **B05D 1/06** (2013.01); **C23C 4/12** (2013.01); **C23C 24/00** (2013.01)

Citation (search report)

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