Title (en)

REDUCTION OF COATING SURFACE IRREGULARITIES BY ELECTROSTATIC PRESSURE

Publication

EP 0465012 A3 19920422 (EN)

Application

EP 91305142 A 19910607

Priority

US 54457590 A 19900627

Abstract (en)

[origin: EP0465012A2] A time-efficient method for smoothing a surface 20 of an applied coating composition 22 is disclosed herein. In particular, the present invention sets forth a technique for expediting the subsidence of coating surface irregularities R1, R2. The technique of the present invention is applied subsequent to the application of the coating composition 22 to an electrically conductive object 24, which results in the formation of a coating surface 20. The technique of the present invention includes the step of generating electrically charged particles 40 in a volume of space adjacent to the coating surface 20. The charged particles 40 cause an electric field to develop across the coating composition 22, which induces the charged particles 40 to exert pressure on the coating surface 20. <IMAGE>

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IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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