

Title (en)

METHOD FOR PROTECTING A METAL SURFACE BY MEANS OF A CORROSION-INHIBITING COATING

Title (de)

VERFAHREN ZUM SCHÜTZEN EINER METALLISCHEN OBERFLÄCHE MIT EINER KORROSIONS-INHIBIERENDEN BESCHICHTUNG

Title (fr)

PROCEDE DE PROTECTION D'UNE SURFACE METALLIQUE AU MOYEN D'UN REVETEMENT INHIBITEUR DE CORROSION

Publication

EP 1776196 A2 20070425 (DE)

Application

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Abstract (en)

[origin: WO2006015756A1] A process is disclosed for coating metallic surfaces with an anti-corrosive composition that contains a conductive polymer and is a dispersion that contains the at least one conductive polymer mainly or entirely in particulate form, as well as a binder system. The conductive polymer is at least one polymer based on polyphenylene, polyfuran, polyimidazole, polyphenanthrene, polypyrrole, polythiophene and/or polythiophenylene charged with anti-corrosive mobile anions. Alternatively, the metallic surfaces can be first coated with a dispersion based on conductive polymers in particulate form, then coated with a composition which contains a binder system.

IPC 8 full level

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CPC (source: EP US)

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