

Title (en)

Anticorrosive multilayer coating system for metal surfaces

Title (de)

Korrosionsbeständiger mehrschichtiger Beschichtungssystem für Metalloberflächen

Title (fr)

Système de revêtement anticorrosion multicouche pour surface métallique

Publication

**EP 0803297 A1 19971029 (EN)**

Application

**EP 97201023 A 19970407**

Priority

- EP 97201023 A 19970407
- EP 96201109 A 19960425

Abstract (en)

Proposed is an anticorrosive multilayer coating system for metal surfaces, more particularly pipes and storage tanks, comprising at least a primer coat (a) based on a non-conductive binder, followed by a second or further top coats (b), characterised in that the primer coat (a) is an electroinsulating powder coating layer based on an epoxy resin, alkyd resin, polyester resin, melamine-containing resin, polyurethane resin and/or polyacrylate resin, and, optionally, a filler, pigment and/or adjuvant, and the outer top coat (b) is an electrically conductive powder coating layer based on an epoxy resin, alkyd resin, polyester resin, melamine-containing resin, polyurethane resin and/or polyacrylate resin incorporating 0,1 to 50% by weight of an electrically conductive resin, filler, pigment and/or adjuvant capable of providing a conductive outer layer with, optionally, a structured and/or wrinkle finish, calculated on the overall weight of this outer layer.

IPC 1-7

**B05D 7/14**

IPC 8 full level

**B05D 7/14** (2006.01)

CPC (source: EP)

**B05D 7/14** (2013.01); **B05D 7/146** (2013.01)

Citation (search report)

- [A] DE 3101778 A1 19820826 - MAIER JOSEF
- [A] EP 0487438 A1 19920527 - BENARD AIME [FR], et al
- [DA] CA 1013625 A 19770712 - HOOKER CHEMICALS PLASTICS CORP
- [A] WO 8202155 A1 19820708 - POLYMER CORP [US]

Cited by

CN112708322A; CN107987566A; WO2014201290A1; US9296895B2

Designated contracting state (EPC)

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