

Title (en)

METHOD FOR APPLYING AN ANTI-CORROSION COATING ON PARTS OF A DUCT INCLUDING THE USE OF A SILANE AQUEOUS SOLUTION AND AN EPOXY POWDERY PAINT

Title (de)

VERFAHREN ZUM AUFBRINGEN EINES KORROSIONSSCHUTZÜBERZUGS AUF TEILE EINER ROHRLEITUNG MIT VERWENDUNG EINER WÄSSRIGEN SILANLÖSUNG UND EINES EPOXIDPULVERLACKS

Title (fr)

PROCEDE D'APPLICATION D 'UN REVETEMENT ANTICORROSION SUR LES PIECES D'UNE CANALISATION, INCLUANT L'UTILISATION DE SOLUTION AQUEUSE DE SILANE ET DE PEINTURE POUDRE EPOXY

Publication

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Application

**EP 07858414 A 20071009**

Priority

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Abstract (en)

[origin: WO2008062108A2] The invention relates to a method for applying a single-layer or multi-layer anti-corrosion coating on a metallic substrate being part of a pipe or a duct accessory to be buried or submerged for conveying a fluid such as water, petroleum products, gas or sanitising products. According to the invention, the method comprises: a) preparing the surface of the substrate by mechanical means only; b) applying an adhesion promoter on the prepared surface comprising a an aqueous solution of at least one silane without any further chemical process; c) applying a layer of an epoxy-resin powdery paint on the surface coated with the adhesion promoter; and d) applying at least one thermal process to the surface at least of the substrate, wherein at least one step d) for thermal processing is carried out between steps a) and b) or between steps b) and c).

IPC 8 full level

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Citation (search report)

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