

Title (en)

COMPOSITION AND METHOD FOR PREPARING CORROSION RESISTANT MULTIFUNCTIONAL COATINGS

Title (de)

ZUSAMMENSETZUNG UND VERFAHREN ZUR HERSTELLUNG VON KORROSIONSBESTÄNDIGEN MULTIFUNKTIONELLEN BESCHICHTUNGEN

Title (fr)

COMPOSITION ET PROCÉDÉ DE PRÉPARATION DE REVÊTEMENTS MULTIFONCTIONNELS RÉSISTANTS À LA CORROSION

Publication

**EP 3983579 A1 20220420 (EN)**

Application

**EP 19933017 A 20190612**

Priority

US 2019036858 W 20190612

Abstract (en)

[origin: WO2020251573A1] A multifunctional coating method involves cleaning a surface, applying a layer of corrosion-resistant alloy coating to the surface, and applying an oleo-hydrophobic composite coating over the corrosion-resistant alloy coating. An oil and gas pipe has an inner surface with a multifunctional coating applied using the multifunctional coating method, and has an inner oleo- hydrophobic composite coating, beneath the inner oleo-hydrophobic composite coating a corrosion-resistant alloy coating, and beneath the corrosion-resistant alloy coating untreated pipe or any other metallic substrate.

IPC 8 full level

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CPC (source: EP KR)

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