

Title (en)

Method for pretreating reinforced steel, wrought iron or cast iron before galvanic coating

Title (de)

Verfahren zur Vorbehandlung von gehärtetem Stahl, Schmiedeeisen oder Eisenguss vor einer galvanischen Beschichtung

Title (fr)

Procédé de prétraitement d'acier durci, de fer forgé ou de fonte de fer avant un revêtement galvanisé

Publication

**EP 2130950 B1 20100922 (DE)**

Application

**EP 08010120 A 20080603**

Priority

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Abstract (en)

[origin: EP2130950A1] Method for pretreating an electrolytic substrate, which is to be coated with zinc and/or zinc alloy, comprises cathodic etching in diluted acid, where: the substrate is hardened steel, wrought iron or cast iron; during the cathode etching, the cathode and anode are separated by an ion exchange membrane; the cathode comprises hydrochloric acid (catholyte); and the anode comprises an aqueous mineral acid, except hydrochloric acid, and/or alkyl sulfonic acid (anolyte). An independent claim is included for a method for electrolytic coating of the substrate with mono- or multi-layers of zinc and/or zinc alloy comprising pretreating the substrate by the above process, before coating.

IPC 8 full level

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