

Title (en)

ANTICORROSIVE BLACK COATING ON ZINC ALLOY AND METHOD FOR MAKING SAME

Title (de)

SCHWARZER KORROSIONBESTÄNDIGER ÜBERZUG AUF ZINKLEGIERUNG UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

COUCHE NOIRE ANTICORROSIVE SUR UN ALLIAGE DE ZINC ET SON PROCEDE DE PREPARATION

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Application

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- FR 0009716 A 20000725

Abstract (en)

[origin: WO0207902A2] The invention concerns a method for depositing an anticorrosive black coating on a zinc alloy which consists in treating the zinc alloy in a first step with an aqueous acid solution of Cr³⁺ containing one or several complexing agents and in treating the resulting passivated zinc alloy in a second step with an aqueous suspension containing organic polymers and anticorrosive metal oxides and black pigments. The invention also concerns a black anticorrosive coating with two layers on a zinc alloy, the first layer of the anticorrosive coating having a weight (in Cr) of 1 to 4 mg/dm².

IPC 8 full level

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