

Title (en)

Method for preventing corrosion of a reinforced concrete structure

Title (de)

Verfahren zur Korrosionsverhinderung einer armierten Betonstruktur

Title (fr)

Méthode pour empêcher la corrosion d'une structure en béton armé

Publication

EP 0591775 B1 19951220 (EN)

Application

EP 93115369 A 19930923

Priority

JP 26881892 A 19921007

Abstract (en)

[origin: EP0591775A1] A method for preventing corrosion of a reinforced concrete structure having a reinforcing steel embedded therein, which comprises coating an aggregate-containing primer on the surface of the reinforced concrete structure, to form a primer layer having a rough surface, metal-spraying aluminum, an aluminum alloy or a zinc-aluminum pseudo alloy on the primer layer to form a metal spray coating layer, and applying a direct current voltage across the metal spray coating layer as an anode and the reinforcing steel as a cathode to conduct a corrosion preventive current. <IMAGE>

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C23F 13/00; C23F 13/16

IPC 8 full level

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Cited by

DE19828827C1; GB2485887A; GB2485887B; US6224943B1; US6376102B1; US6673309B1; WO2014067267A1; WO0000659A1; WO9950478A3; WO9923282A1; WO9600805A1

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