

Title (en)
METHOD FOR IMPROVING CORROSION RESISTANCE OF REINFORCED CONCRETE

Title (de)
VERFAHREN ZUR VERBESSERUNG DER KORROSIONSBESTÄNDIGKEIT VON STAHLBETON

Title (fr)
PROCEDE PERMETTANT D'AUGMENTER LA RESISTANCE A LA CORROSION DU BETON ARME

Publication
EP 1027478 A1 20000816 (DE)

Application
EP 98951521 A 19981014

Priority
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• EP 9806512 W 19981014

Abstract (en)
[origin: US6224943B1] The method for improving the corrosion resistance of reinforced concrete coated with a thermal spray coat of metals, especially of zinc or zinc alloys, is effected by electrically connecting said spray coat with the armour and additionally coating it with a polyurethane resin which is applied as a low-viscosity solution in organic solvents.

IPC 1-7
C23F 13/02; **C23C 4/18**

IPC 8 full level
C23C 4/18 (2006.01); **C23F 13/02** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 9923282A1

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US 6224943 B1 20010501; AU 745500 B2 20020321; AU 9750198 A 19990524; BR 9813171 A 20000822; CA 2307831 A1 19990514; CA 2307831 C 20061212; CN 1207444 C 20050622; CN 1276839 A 20001213; DE 19748105 C1 19981029; DE 59802985 D1 20020314; DK 1027478 T3 20020521; EP 1027478 A1 20000816; EP 1027478 B1 20020130; ES 2172223 T3 20020916; HK 1028795 A1 20010302; IL 135739 A0 20010520; IL 135739 A 20040927; NO 20002130 D0 20000426; NO 20002130 L 20000426; NO 319769 B1 20050912; PT 1027478 E 20020628; TR 200001150 T2 20000821; WO 9923282 A1 19990514

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