

Title (en)  
METHOD FOR INCREASING THE CORROSION RESISTANCE OF A QUENCHED AND SELF-TEMPERED REINFORCEMENT BAR MADE OF STEEL

Publication  
**EP 0285593 B1 19910529 (FR)**

Application  
**EP 88870053 A 19880329**

Priority  
BE 8700353 A 19870403

Abstract (en)  
[origin: EP0285593A1] Process in which, during the quenching and self-tempering, a layer protecting against corrosion is formed at the surface of the bar. This layer can be produced by phosphatising with manganese, by oxidation with blowing-in an oxidising agent or by the application of a paint or of a resin. The phosphatising can be preceded by pickling. The protective layer can then be coated with a film of drying oil.

IPC 1-7  
**C21D 8/08**; **C23C 22/73**; **E04C 5/01**

IPC 8 full level  
**C21D 8/08** (2006.01); **C23C 8/10** (2006.01); **C23C 22/73** (2006.01); **E04C 5/01** (2006.01)

CPC (source: EP)  
**C21D 8/08** (2013.01); **C23C 8/10** (2013.01); **C23C 22/73** (2013.01); **E04C 5/015** (2013.01)

Cited by  
FR2659356A1; US5554872A; EP3040495A1; WO03091480A1; WO9632522A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0285593 A1 19881005**; **EP 0285593 B1 19910529**; AT E63957 T1 19910615; BE 1000432 A6 19881206; DE 3862982 D1 19910704; ES 2023510 B3 19920116

DOCDB simple family (application)  
**EP 88870053 A 19880329**; AT 88870053 T 19880329; BE 8700353 A 19870403; DE 3862982 T 19880329; ES 88870053 T 19880329