

Title (en)
Process for dezincing galvanized steel

Title (de)
Verfahren zum Entzinken galvanisierten Stahls

Title (fr)
Procédé de dézingage de l'acier galvanisé

Publication
EP 1236816 A1 20020904 (EN)

Application
EP 02075407 A 19980424

Priority
EP 98918703 A 19980424

Abstract (en)
A process for removing zinc from galvanized steel. The galvanized steel is immersed in an electrolyte containing at least about 15% by weight of sodium or potassium hydroxide and having a temperature of at least about 75 DEG C and the zinc is galvanically corroded from the surface of the galvanized steel. The material serving as the cathode is principally a material having a standard electrode potential which is immediate of the standard electrode potentials of zinc and cadmium in the electrochemical series. The corrosion rate may be accelerated by increasing the number density of corrosion sites in the galvanized steel by mechanically abrading or deforming the galvanized steel. <IMAGE>

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C25F 5/00

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C25F 5/00 (2006.01)

CPC (source: EP)
C25F 5/00 (2013.01)

Citation (search report)
• [X] WO 9602689 A1 19960201 - HOOGO VENS GROEP BV [NL], et al
• [E] US 5779878 A 19980714 - MORGAN WILLIAM A [CA], et al

Designated contracting state (EPC)
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