

Title (en)

Method and composition for inhibiting corrosion of metal surfaces in aqueous solutions.

Title (de)

Verfahren und Zusammensetzung zur Verhinderung der Korrosion von Metalloberflächen in wässrigen Lösungen.

Title (fr)

Procédé et composition pour l'inhibition de la corrosion de surfaces métalliques en contact avec un milieu aqueux.

Publication

EP 0037221 A1 19811007 (EN)

Application

EP 81301199 A 19810320

Priority

- US 13481280 A 19800328
- US 13481380 A 19800328

Abstract (en)

There is disclosed a method for inhibiting corrosion of metal surfaces in contact with aqueous systems which comprises adding either separately or together (i) a water soluble chromate and (ii) a copolymer of acrylic acid or a water soluble salt thereof and a hydroxylated lower alkyl acrylate, the treatment being zinc-free and phosphate free. There is also disclosed a composition for such a treatment comprising a zinc-free and phosphate-free mixture of said chromate and said copolymer.

IPC 1-7

C23F 11/12; C23F 11/18

IPC 8 full level

C23F 11/08 (2006.01)

CPC (source: EP)

C23F 11/08 (2013.01)

Citation (search report)

- US 3658710 A 19720425 - PUCKORIOUS PAUL R, et al
- GB 2013726 A 19790815 - AMCHEM PROD
- GB 1255964 A 19711208 - GRACE W R & CO [US]

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

EP 0037221 A1 19811007; EP 0037221 B1 19840725; AU 533121 B2 19831103; AU 5955780 A 19811001; CA 1147137 A 19830531; DE 3164965 D1 19840830; NZ 194191 A 19830510

DOCDB simple family (application)

EP 81301199 A 19810320; AU 5955780 A 19800624; CA 363696 A 19801031; DE 3164965 T 19810320; NZ 19419180 A 19800630