

Title (en)

METHOD AND COMPOSITION FOR INHIBITING CORROSION OF METAL SURFACES IN AQUEOUS SOLUTIONS

Publication

EP 0037221 B1 19840725 (EN)

Application

EP 81301199 A 19810320

Priority

- US 13481280 A 19800328
- US 13481380 A 19800328

Abstract (en)

[origin: EP0037221A1] 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 (examination)

DE 2643422 A1 19780330 - KURITA WATER IND LTD [JP], et al

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