

Title (en)
CORROSION-INHIBITING MEANS AND COMPOSITIONS CONTAINING THEM

Publication
EP 0096619 B1 19870121 (FR)

Application
EP 83401050 A 19830526

Priority
FR 8209426 A 19820528

Abstract (en)
[origin: CA1202169A] PATENT APPLICATION entitled : Anticorrosion means and composition containing same. In the name of : UNION CHIMIQUE ET INDUSTRIELLE DE L'OUEST This invention relates to a corrosion inhibitor for protecting metallic surfaces which are in contact with water, in particular circuits, apparatus and devices which use water as energetic or thermic fluid, said corrosion inhibitor being a fluorophosphate compound selected from the group consisting of: (i) compound of the formula $M_2\text{IPO}_3\text{F}$, xH_2O (ii) compound of the formula LiMIPO_3F , xH_2O (iii) compound of the formula NaMIPO_3F , xH_2O (iv) compound of the formula MIIPO_3F , xH_2O (v) compound of the formula $\text{M}_2\text{IMII}(\text{PO}_3\text{F})_2$, xH_2O (vi) compound of the formula MIPO_2F_2 , xH_2O (vii) compound of the formula $\text{MII}(\text{PO}_2\text{F}_2)_2$, xH_2O (wherein MI is Na, K, Rb, Cs or HN4; MII is Mg, Ca, Ba, Sr, Zn, Cd, Mn, Ni or Co; and x is an integer or a fractional number comprised between 0 and 6) and (viii) mixtures thereof.

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Citation (examination)
JOURNAL OF APPLIED ELECTROCHEMISTRY, vol. 13, no. 3, mai 1983, pages 317-323 M. DUPRAT et al.: "Les monofluorophosphates de zinc et de potassium en tant qu'inhibiteurs de la corrosion d'un acier au carbone en solution de NaCl à 3%"

Cited by
US5071579A; EP0481669A3; EP0176197A3; EP0506339A1; EP0322183A3; US5314755A; EP0288812A1; WO9214796A1

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