

Title (en)

Use of N-Alkyl-beta-alanine-Derivatives for the manufacture of cleaning corrosion inhibitors

Title (de)

Verwendung von N-Alkyl-beta-alanin-Derivaten zur Herstellung von reinigenden Korrosionsschutzmitteln

Title (fr)

Utilisation de dérivés de N-Alkyl-beta-alanine pour la fabrication des inhibiteurs de corrosion nettoyants

Publication

EP 1184486 A2 20020306 (DE)

Application

EP 01119995 A 20010818

Priority

DE 10043040 A 20000901

Abstract (en)

N-alkyl- beta -alanine derivatives and their salts are used in aqueous systems as corrosion inhibitors with a simultaneous cleaning action. The use of compounds of formula (I) and/or (II) with a wt. ratio of (I):(II) = (2:0)-(0:2), preferably (1.5:0.5)-(1:1), in aqueous systems as corrosion inhibitors with a simultaneous cleaning action. In these compounds, R = an optionally branched, optionally multiple bond-containing, optionally substituted 8-18C hydrocarbon group; Ra, Rb, Rc = cations of alkali metals, ammonium salts or protonated amines; Rd = H or optionally branched and/or optionally double bond-containing 1-18C alkyl . An Independent claim is also included for anti-corrosion compositions containing 0.5-5 wt% (I) and/or (II), 0-2.0 wt% emulsifier, 1-0.5 wt% foam suppressant and water (to 100 wt%).

Abstract (de)

Die Erfindung betrifft die Verwendung von N-Alkyl-beta-alanin-Derivaten und deren Salzen der allgemeinen Formel (I) <IMAGE> und/oder <IMAGE> in wässrigen Systemen als Korrosionsschutzmittel mit gleichzeitiger Reinigungswirkung.

IPC 1-7

C23F 11/14; **C23G 1/19**

IPC 8 full level

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CPC (source: EP US)

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