

Title (en)
REACTION PRODUCTS OF SULFONE OR CARBOXAMIDO CARBOXYLIC ACIDS WITH ALKANOL AMINES, AND THEIR USE AS CORROSION INHIBITORS WITH LOW FOAM FORMATION

Publication
EP 0029529 B1 19830525 (DE)

Application
EP 80106805 A 19801105

Priority
DE 2947418 A 19791124

Abstract (en)
[origin: US4344862A] Products which have been obtained by reacting an acid of the formula I <IMAGE> I where R1 and R2 are hydrogen, fluorine, chlorine, bromine or alkyl or alkoxy of 1 to 4 carbon atoms, but the sum of the carbon atoms of R1 and R2 is not greater than 7 and preferably not greater than 3, A is a benzene, naphthalene or anthracene radical or a biphenyl structure, such as a diphenyl, diphenylmethane, diphenyl ether, diphenyl sulfide, diphenyl sulfoxide or diphenyl sulfone radical, R3 is hydrogen, alkyl of not more than 4 carbon atoms, beta -cyanoethyl or hydroxyalkyl of 2 to 4 carbon atoms, R4 is hydrogen, fluorine, chlorine, bromine, alkyl or alkoxy of 1 to 4 carbon atoms, hydroxyl or carboxyl and X is -SO2- or -CO-, with an amine of the formula II <IMAGE> II where R5 and R6 are hydrogen, C1-C4-alkyl, C2-C4-hydroxyalkyl and/or <IMAGE> R7 and R8 being hydrogen, C1-C4-alkyl or C2-C4-hydroxyalkyl and n being an integer from 2 to 4, in the ratio, expressed in terms of equivalents, of from 1:1 to 1:4, and corrosion inhibitors which contain these products, with or without the admixture of an alkanolamine/boric acid reaction product.

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IPC 8 full level
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