

Title (en)

SALTS OF ALKENYLSUCCINAMIC ACIDS, PROCESS FOR THEIR PREPARATION AND THEIR USE AS CORROSION INHIBITORS

Publication

EP 0191952 B1 19880907 (DE)

Application

EP 85116667 A 19851231

Priority

DE 3501180 A 19850116

Abstract (en)

[origin: US4722812A] Salts of alkenylsuccinic acid monoamides of the formulae <IMAGE> wherein R1 is C6-C22-alkenyl, preferably C9-C18-alkenyl, A is the protonized radical of an amidoamine of the formula II <IMAGE> II R2 is C5-C22-alkyl, preferably C10-C18-alkyl, C5-22-alkenyl or cycloalkyl, preferably C10-C18-alkenyl or cycloalkyl, R3 is a group of the formula <IMAGE> R4 is either a group of the formula -COR2, R5 at the same time being hydrogen, or R4 and R5 at the same time have the same meaning as R3, Y is hydrogen or methyl, n is a number from 0 to 12 and x is a number from 1 to 3. These compounds are suitable as corrosion inhibitors in water-in-oil emulsions, in particular for petroleum and petroleum products.

IPC 1-7

C07C 103/153; **C07C 103/44**; **C07C 103/87**; **C23F 11/14**

IPC 8 full level

C07C 231/00 (2006.01); **C07C 67/00** (2006.01); **C07C 231/02** (2006.01); **C07C 231/12** (2006.01); **C07C 233/09** (2006.01); **C07C 233/36** (2006.01); **C07C 233/38** (2006.01); **C23F 11/14** (2006.01)

CPC (source: EP US)

C23F 11/145 (2013.01 - EP US)

Cited by

EP1359208A3; EP0464473A1; EP0359048A3; EP0606795A1; FR2700336A1; US5382667A

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

DE 3501180 A1 19860717; DE 3564805 D1 19881013; EP 0191952 A1 19860827; EP 0191952 B1 19880907; JP S61167651 A 19860729; US 4722812 A 19880202

DOCDB simple family (application)

DE 3501180 A 19850116; DE 3564805 T 19851231; EP 85116667 A 19851231; JP 440886 A 19860114; US 81872686 A 19860114