

Title (en)

AMMONIUM SALTS OF POLYMALEIC ACID AND THEIR APPLICATION AS CORROSION INHIBITORS IN MINERAL OILS

Publication

EP 0050736 B1 19840118 (DE)

Application

EP 81107454 A 19810919

Priority

DE 3039977 A 19801023

Abstract (en)

[origin: US4435298A] Salts of polymaleic acids, having molecular weights of from 200 to 1,500, with amines, of the formula <IMAGE> where R1 and R2 are identical or different and each is hydrogen, C9-C20-alkyl or C9-C20-alkenyl and R3 is C9-C20-alkyl or C9-C20-alkenyl.

IPC 1-7

C10L 1/22

IPC 8 full level

C10L 1/22 (2006.01); **C10L 1/222** (2006.01); **C10L 1/224** (2006.01)

CPC (source: EP US)

C10L 1/2222 (2013.01 - EP US); **C10L 1/224** (2013.01 - EP US)

Cited by

EP0065191A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 81107454 A 19810919; AT 81107454 T 19810919; CA 388536 A 19811022; DE 3039977 A 19801023; DE 3161978 T 19810919; US 30676581 A 19810929