

Title (en)
ANTI-CORROSION AGENT

Publication
EP 0112539 A3 19860108 (DE)

Application
EP 83112668 A 19831216

Priority
DE 3247892 A 19821224

Abstract (en)
[origin: EP0112539A2] Corrosion inhibitors in mineral oil-based lubricating oils and lubricating greases are monoamides of adducts of mono- or poly-unsaturated fatty acids (C16-22) and maleic anhydride or fumaric acid, which are produced by reacting the acids with ammonia, primary or secondary alkylamines (C1-22) to give monoamido-dicarboxylic acids. Reaction products with alkylamines (C8-20), e.g. dibutylamines, ethylhexylamines and dodecylamines, are preferred. The derivatives are viscous oils soluble in mineral oil; they are applied in quantities of 0.1 - 10 (1 - 2) %, relative to the mineral oil base. Production examples and testing of the extent of corrosion when used in lubricating oils.

IPC 1-7
C10M 1/36; **C10M 5/20**

IPC 8 full level
C10M 133/16 (2006.01); **C10M 159/12** (2006.01); **C10N 30/12** (2006.01); **C10N 50/10** (2006.01)

CPC (source: EP)
C10M 133/16 (2013.01); **C10M 2215/12** (2013.01); **C10N 2030/12** (2013.01); **C10N 2050/10** (2013.01)

Citation (search report)
• [A] US 2902499 A 19590901 - GOTTSHALL RALPH I, et al
• [A] FR 1483412 A 19670602 - BASF AG
• [A] DE 2357951 B2 19780216

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0112539 A2 19840704; **EP 0112539 A3 19860108**; BR 8307097 A 19840731; DE 3247892 A1 19840628; JP S59120692 A 19840712

DOCDB simple family (application)
EP 83112668 A 19831216; BR 8307097 A 19831223; DE 3247892 A 19821224; JP 23900883 A 19831220