

Title (en)
CORROSION INHIBITORS STABLE IN HARD WATER

Publication
EP 0026878 B2 19870311 (DE)

Application
EP 80105766 A 19800925

Priority
DE 2940258 A 19791004

Abstract (en)
[origin: ES8200644A1] Anticorrosive agent stable to hard water, which comprises an alkali metal salt, alkaline earth metal salt, or amine salt of a compound of the formula < IMAGE > in which R1 is branched C6-C13-alkyl or C5- or C6-cycloalkyl, or polycycloalkyl having from 6 to 13 carbon atoms optionally substituted by 1 or 2 C1-C4-alkyl groups, R2 is hydrogen or C1-C6-alkyl, and R3 is C1-C11-alkylene in linear or branched chain.

IPC 1-7
C23F 11/14

IPC 8 full level
C23F 11/14 (2006.01)

CPC (source: EP US)
C23F 11/145 (2013.01 - EP US)

Cited by
EP0760402A1; FR2738018A1; EP0606795A1; FR2700336A1; US5382667A

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

DOCDB simple family (publication)
EP 0026878 A1 19810415; EP 0026878 B1 19830406; EP 0026878 B2 19870311; AR 225193 A1 19820226; BR 8006378 A 19810414; CA 1146589 A 19830517; CS 216941 B2 19821231; DE 2940258 A1 19810416; DE 3062634 D1 19830511; ES 495437 A0 19811101; ES 8200644 A1 19811101; JP S5658978 A 19810522; PL 227072 A1 19810605; US 4348302 A 19820907; ZA 806124 B 19810930

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EP 80105766 A 19800925; AR 28275780 A 19801002; BR 8006378 A 19801003; CA 361517 A 19801003; CS 665680 A 19801002; DE 2940258 A 19791004; DE 3062634 T 19800925; ES 495437 A 19800929; JP 13682980 A 19801002; PL 22707280 A 19801003; US 19167780 A 19800929; ZA 806124 A 19801003