

Title (en)

Corrosion inhibitors containing N,N,1-trisubstituted prop-2-ynyl amines.

Title (de)

Korrosionsschutzmittel, die N,N,1-trisubstituierte Prop-2-ynylamine enthalten.

Title (fr)

Inhibiteurs de corrosion contenant prop-2-ynylamines N,N,1-trisubstitués.

Publication

EP 0080794 A1 19830608 (EN)

Application

EP 82304806 A 19820913

Priority

- US 30166781 A 19810914
- US 31170681 A 19811015
- US 32623681 A 19811201
- US 32630981 A 19811201
- US 35229582 A 19820225

Abstract (en)

A novel acetylenic amine and an aqueous composition containing said amine for inhibiting the corrosion of metals is described. The composition comprises a non-oxidizing acid, and, as a corrosion inhibitor, an effective amount of tertiary amine containing acetylenic unsaturation having the formula: <CHEM> wherein R1 and R2 are independently C1-C8 alkyl or phenyl and R3 is selected from the group of branched chain C7-C10 alkyl, cinnamyl optionally mono- or di-substituted with halo, C1-C8 alkyl and/or C1-C8 alkoxy; mono- or di-similarly substituted phenyl or, when R1 and R2 are other than C1-C2 alkyl, then R3 can be unsubstituted phenyl.

IPC 1-7

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IPC 8 full level

C23F 11/04 (2006.01); **C23G 1/06** (2006.01)

CPC (source: EP)

C23F 11/04 (2013.01); **C23G 1/068** (2013.01)

Citation (search report)

- [A] US 2273141 A 19420217 - WALTER REPPE, et al
- [A] US 2766285 A 19561009 - HENNION GEORGE F
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- [AD] US 3079345 A 19630226 - MONROE ROGER F, et al

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EP2729442A4; EP0805144A1; US5808160A; EP0827949A1; US5840986A; GB2532990A; US10787745B2; US10982337B2

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