

Title (en)

Corrosion-inhibiting agent for functional fluids, water-miscible lubricating concentrate and its use.

Title (de)

Korrosionsschutzmittel für funktionelle Flüssigkeiten, wassermischbares Konzentrat und dessen Verwendung

Title (fr)

Inhibiteur de corrosion pour fluides fonctionnels, concentré de lubrifiant miscible à l'eau et son utilisation

Publication

EP 1652909 A1 20060503 (DE)

Application

EP 04024857 A 20041019

Priority

EP 04024857 A 20041019

Abstract (en)

The fatty acid (25-60 wt.%) is mono/di/tri ethanol amine, mono propanol amine, mono isopropanol amine, 2-amino-2-methyl-1-propanol, 2-amino-2-ethyl, 3-propandiol, diglycolamine, coco mono/poly ethanol amide fatty acid or tall oil mono ethanol/propanol amide fatty acid. The alcohol is isopropanol, n-butanol, butyldiglycol, hexyleneglycol, butyltriglycol, benzyl alcohol or phenoxyethanol. The carboxylic acid is sebacic acid, undecandioic acid, dodecandioic acid or p-tert-butylbenzoic acid. An independent claim is included for a water-miscible concentrate for functional fluids.

IPC 8 full level

C10M 157/04 (2006.01); **C10M 161/00** (2006.01); **C10M 173/00** (2006.01)

CPC (source: EP US)

C10M 157/04 (2013.01 - EP US); **C10M 161/00** (2013.01 - EP US); **C10M 173/00** (2013.01 - EP US); **C10M 2201/062** (2013.01 - EP US); **C10M 2203/0206** (2013.01 - EP US); **C10M 2207/021** (2013.01 - EP US); **C10M 2207/0215** (2013.01 - EP US); **C10M 2207/046** (2013.01 - EP US); **C10M 2207/124** (2013.01 - EP US); **C10M 2207/126** (2013.01 - EP US); **C10M 2207/127** (2013.01 - EP US); **C10M 2207/1273** (2013.01 - EP US); **C10M 2207/1403** (2013.01 - EP US); **C10M 2207/141** (2013.01 - EP US); **C10M 2209/103** (2013.01 - EP US); **C10M 2209/104** (2013.01 - EP US); **C10M 2209/108** (2013.01 - EP US); **C10M 2209/109** (2013.01 - EP US); **C10M 2215/04** (2013.01 - EP US); **C10M 2215/042** (2013.01 - EP US); **C10M 2215/08** (2013.01 - EP US); **C10M 2215/0806** (2013.01 - EP US); **C10M 2215/082** (2013.01 - EP US); **C10M 2215/222** (2013.01 - EP US); **C10M 2215/223** (2013.01 - EP US); **C10M 2219/044** (2013.01 - EP US); **C10M 2223/04** (2013.01 - EP US); **C10N 2030/12** (2013.01 - EP US); **C10N 2040/08** (2013.01 - EP US); **C10N 2040/20** (2013.01 - EP US); **C10N 2070/02** (2020.05 - EP US)

Citation (search report)

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- [A] EP 0591771 A1 19940413 - SVILUPPO MATERIALI SPA [IT], et al
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Designated extension state (EPC)

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DOCDB simple family (publication)

EP 1652909 A1 20060503; **EP 1652909 B1 20080305**; **EP 1652909 B2 20110427**; AR 055503 A1 20070822; AT E388218 T1 20080315; AU 2005296748 A1 20060427; AU 2005296748 B2 20100909; CN 101044230 A 20070926; CN 101044230 B 20101110; CY 1108108 T1 20140212; DE 502004006426 D1 20080417; DK 1652909 T3 20080707; DK 1652909 T4 20110815; ES 2304575 T3 20081016; ES 2304575 T5 20111018; HK 1089786 A1 20061208; HR P20080237 T3 20080630; HR P20080237 T4 20110831; MX 2007004705 A 20070907; PL 1652909 T3 20080829; PL 1652909 T5 20110930; PT 1652909 E 20080609; RU 2007118665 A 20081127; RU 2397275 C2 20100820; SI 1652909 T1 20080831; SI 1652909 T2 20110930; US 2007298983 A1 20071227; US 7851420 B2 20101214; WO 2006042730 A1 20060427; ZA 200701941 B 20081029

DOCDB simple family (application)

EP 04024857 A 20041019; AR P050104363 A 20051019; AT 04024857 T 20041019; AU 2005296748 A 20051017; CN 200580035806 A 20051017; CY 081100572 T 20080602; DE 502004006426 T 20041019; DK 04024857 T 20041019; EP 2005011149 W 20051017; ES 04024857 T 20041019; HK 06111658 A 20061023; HR P20080237 T 20080529; MX 2007004705 A 20051017; PL 04024857 T 20041019; PT 04024857 T 20041019; RU 2007118665 A 20051017; SI 200430722 T 20041019; US 66516005 A 20051017; ZA 200701941 A 20070306