

Title (en)
CONCENTRATED LUBRICANT AND AQUEOUS LUBRICANT SOLUTION BASED ON FATTY AMINES, PROCESS FOR PRODUCING THEM AND THEIR USE

Title (de)
SCHMIERMITTELKONZENTRAT UND WÄSSRIGE SCHMIERMITTELLÖSUNG AUF BASIS VON FETTAMINEN, VERFAHREN ZU DEREN HERSTELLUNG UND DEREN VERWENDUNG

Title (fr)
CONCENTRE DE MATIERE LUBRIFIANTE ET SOLUTION AQUEUSE DE MATIERE LUBRIFIANTE A BASE D'AMINES GRASSES, LEUR PROCEDE DE FABRICATION ET LEUR UTILISATION

Publication
EP 0652927 B1 19961218 (DE)

Application
EP 93917652 A 19930726

Priority
• DE 4225254 A 19920803
• EP 9301984 W 19930726

Abstract (en)
[origin: WO9403562A1] The invention relates to a concentrated lubricant based on fatty amines and possibly conventional diluents or auxiliary agents or additives, which contains at least one polyamine derivative of a fatty amine and/or a salt of such an amine, the proportion of said polyamine derivatives of fatty amines amounting to 1 to 100 wt% of the entire formulation. The invention also relates to a process for producing said concentrated lubricant and its use as a chain lubricant in the foodstuffs industry, especially in automatic chain and belt lubricating installations. In addition, an aqueous lubricant solution based on fatty amines containing at least one linear polyamine derivative of a fatty amine and the use of the lubricant solution as a chain lubricant in the foodstuffs industry is disclosed.

IPC 1-7
C10M 133/04; **C10M 173/02**

IPC 8 full level
C10M 133/06 (2006.01); **C10M 105/58** (2006.01); **C10M 133/04** (2006.01); **C10M 173/02** (2006.01)

CPC (source: EP KR US)
C10M 105/58 (2013.01 - EP US); **C10M 133/04** (2013.01 - EP KR US); **C10M 173/02** (2013.01 - EP KR US); **C10M 2201/02** (2013.01 - EP US); **C10M 2215/02** (2013.01 - EP US); **C10M 2215/04** (2013.01 - EP US); **C10M 2215/042** (2013.01 - EP US); **C10M 2215/26** (2013.01 - EP US); **C10M 2217/046** (2013.01 - EP US); **C10M 2217/06** (2013.01 - EP US); **C10N 2040/00** (2013.01 - EP US); **C10N 2040/30** (2013.01 - EP US); **C10N 2040/32** (2013.01 - EP US); **C10N 2040/34** (2013.01 - EP US); **C10N 2040/36** (2013.01 - EP US); **C10N 2040/38** (2020.05 - EP US); **C10N 2040/40** (2020.05 - EP US); **C10N 2040/42** (2020.05 - EP US); **C10N 2040/44** (2020.05 - EP US); **C10N 2040/50** (2020.05 - EP US); **C10N 2050/01** (2020.05 - EP US)

Cited by
DE102008009937A1

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

DOCDB simple family (publication)
WO 9403562 A1 19940217; AT E146518 T1 19970115; AU 4702693 A 19940303; AU 666038 B2 19960125; BR 9306831 A 19981208; CA 2141811 A1 19940217; CZ 26095 A3 19950913; DE 59304833 D1 19970130; DK 0652927 T3 19970609; EP 0652927 A1 19950517; EP 0652927 B1 19961218; ES 2096314 T3 19970301; FI 113784 B 20040615; FI 950437 A0 19950201; FI 950437 A 19950201; GR 3022255 T3 19970430; HU 9500337 D0 19950328; HU T69076 A 19950828; JP H07509517 A 19951019; KR 950702616 A 19950729; MX 9304645 A 19940228; NO 312418 B1 20020506; NO 944100 D0 19941027; NO 944100 L 19941027; NZ 254769 A 19960227; PL 307307 A1 19950515; SK 12695 A3 19950607; US 5474692 A 19951212; ZA 935573 B 19940203

DOCDB simple family (application)
EP 9301984 W 19930726; AT 93917652 T 19930726; AU 4702693 A 19930726; BR 9306831 A 19930726; CA 2141811 A 19930726; CZ 26095 A 19930726; DE 59304833 T 19930726; DK 93917652 T 19930726; EP 93917652 A 19930726; ES 93917652 T 19930726; FI 950437 A 19950201; GR 970400022 T 19970109; HU 9500337 A 19930726; JP 50496094 A 19930726; KR 19950700334 A 19950127; MX 9304645 A 19930802; NO 944100 A 19941027; NZ 25476993 A 19930726; PL 30730793 A 19930726; SK 12695 A 19930726; US 37962895 A 19950203; ZA 935573 A 19930802