

Title (en)

NEW BASE OIL FOR THE LUBRICANT INDUSTRY.

Title (de)

NEUES BASISÖL FÜR DIE SCHMIERSTOFFINDUSTRIE.

Title (fr)

NOUVELLE HUILE DE BASE POUR LA PRODUCTION DE LUBRIFIANTS.

Publication

EP 0489809 A1 19920617 (DE)

Application

EP 90913144 A 19900823

Priority

- DE 3929069 A 19890901
- EP 9001404 W 19900823

Abstract (en)

[origin: US5286397A] PCT No. PCT/EP90/01404 Sec. 371 Date Mar. 2, 1992 Sec. 102(e) Date Mar. 2, 1992 PCT Filed Aug. 23, 1990 PCT Pub. No. WO91/03531 PCT Pub. Date Mar. 21, 1991. A low-viscosity lubricant composition stable to high and low temperatures containing an ester oil which is the esterification product of an aliphatic dicarboxylic acid having 8 or 9 carbon atoms and a branched Guerbet alcohol having from 12 to 20 carbon atoms.

[origin: US5286397A] The invention concerns a high- and low-temperature-stable, low-viscosity lubricant composition based on dicarboxylic acid ester oils and prepared by the esterification of an aliphatic dicarboxylic acid having 8 and/or 9 C-atoms with a guerbetic alcohol mixture having at least 12 to 20 C-atoms.

Abstract (fr)

Composition lubrifiante à viscosité réduite, stable à de hautes et à de basses températures, à base d'huiles-esters d'acides dicarboxyliques obtenus par la réaction d'estérification d'un acide dicarboxylique aliphatique ayant 8 et/ou 9 atomes de carbone, avec un mélange de guerbétalcools ayant au moins 12 à 20 atomes de carbone.

IPC 1-7

C07C 69/34; C10M 105/36; C10N 40/00

IPC 8 full level

C07C 69/34 (2006.01); **C10M 105/36** (2006.01); **C10M 129/72** (2006.01); **C10N 20/00** (2006.01); **C10N 20/02** (2006.01); **C10N 30/02** (2006.01); **C10N 30/08** (2006.01); **C10N 40/00** (2006.01); **C10N 40/04** (2006.01); **C10N 40/08** (2006.01); **C10N 40/20** (2006.01)

CPC (source: EP US)

C10M 105/36 (2013.01 - EP US); **C10M 129/72** (2013.01 - EP US); **C10M 2207/282** (2013.01 - EP US); **C10M 2207/34** (2013.01 - EP US); **C10N 2040/00** (2013.01 - EP US); **C10N 2040/08** (2013.01 - EP US); **C10N 2040/20** (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)

Citation (search report)

See references of WO 9103531A1

Cited by

US5749947A; KR20160058864A; RU2668975C2; US8921289B2; US10150928B2; WO2015036293A1

Designated contracting state (EPC)

AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

US 5286397 A 19940215; AT E115175 T1 19941215; AU 6298490 A 19910408; CA 2066444 A1 19910302; DE 3929069 A1 19910307; DE 59007953 D1 19950119; EP 0489809 A1 19920617; EP 0489809 B1 19941207; ES 2064758 T3 19950201; JP 2848702 B2 19990120; JP H05500382 A 19930128; WO 9103531 A1 19910321

DOCDB simple family (application)

US 83633392 A 19920302; AT 90913144 T 19900823; AU 6298490 A 19900823; CA 2066444 A 19900823; DE 3929069 A 19890901; DE 59007953 T 19900823; EP 9001404 W 19900823; EP 90913144 A 19900823; ES 90913144 T 19900823; JP 51214390 A 19900823