

Publication

EP 0719852 A3 19960731

Application

EP 95309479 A 19951222

Priority

JP 33960194 A 19941228

Abstract (en)

[origin: EP0719852A2] A lubricant oil composition comprising a minor portion of calcium sulfonate(s), barium sulfonate(s), or mixture thereof being neutral or having the total base number of 100 mg KOG/g or less, and straight chain univalent fatty acid(s) having 8 to 18 carbon atoms and a major portion of a base oil of mineral oil series and/or synthetic oil series, said base oil having a kinematic viscosity of 10 to 500 mm²/s at 40 DEG C. The lubricant oil composition of the present invention exerts excellent separation properties from a cutting fluid prepared by diluting a water-soluble cutting fluid. Therefore, the composition so readily separates and floats in a reservoir tank for the cutting fluid that the composition can be removed simply by means of an oil skimmer and the like. Thus, the properties of the water-soluble cutting fluid can be maintained for a long term, with no occurrence of poor work environment due to rot and so on.

IPC 1-7

C10M 141/08; C10M 163/00; C10M 169/04

IPC 8 full level

C10M 141/08 (2006.01); **C10M 163/00** (2006.01); **C10M 169/04** (2006.01); **C10M 173/00** (2006.01); **C10N 10/04** (2006.01); **C10N 20/02** (2006.01); **C10N 30/00** (2006.01); **C10N 40/22** (2006.01)

CPC (source: EP)

C10M 101/02 (2013.01); **C10M 129/40** (2013.01); **C10M 135/10** (2013.01); **C10M 141/08** (2013.01); **C10M 159/24** (2013.01); **C10M 163/00** (2013.01); **C10M 169/04** (2013.01); **C10M 169/045** (2013.01); **C10M 173/00** (2013.01); **C10M 2201/02** (2013.01); **C10M 2203/06** (2013.01); **C10M 2203/10** (2013.01); **C10M 2203/1006** (2013.01); **C10M 2203/102** (2013.01); **C10M 2203/1025** (2013.01); **C10M 2203/1045** (2013.01); **C10M 2203/1065** (2013.01); **C10M 2203/1085** (2013.01); **C10M 2205/026** (2013.01); **C10M 2207/125** (2013.01); **C10M 2207/126** (2013.01); **C10M 2207/129** (2013.01); **C10M 2207/281** (2013.01); **C10M 2207/282** (2013.01); **C10M 2207/283** (2013.01); **C10M 2207/286** (2013.01); **C10M 2207/34** (2013.01); **C10M 2219/044** (2013.01); **C10M 2219/046** (2013.01); **C10M 2223/04** (2013.01); **C10M 2223/042** (2013.01); **C10N 2040/22** (2013.01); **C10N 2050/01** (2020.05)

Citation (search report)

- [X] GB 1103533 A 19680214 - GULF RESEARCH DEVELOPMENT CO
- [A] DE 2854975 A1 19800710 - HOECHST AG
- [A] DATABASE WPI Section Ch Week 8628, Derwent World Patents Index; Class H07, AN 86-182144, XP002004523

Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

EP 0719852 A2 19960703; **EP 0719852 A3 19960731**; **EP 0719852 B1 20051123**; CA 2165868 A1 19960629; CA 2165868 C 20061031; DE 69534628 D1 20051229; DE 69534628 T2 20060810; ES 2253743 T3 20060601; JP H08183980 A 19960716; SG 50391 A1 19980720

DOCDB simple family (application)

EP 95309479 A 19951222; CA 2165868 A 19951221; DE 69534628 T 19951222; ES 95309479 T 19951222; JP 33960194 A 19941228; SG 1995002383 A 19951228