

Title (en)

VEGETABLE OIL LUBRICANT COMPRISING ALL-HYDROPROCESSED SYNTHETIC OILS

Title (de)

PFLANZENÖLSCHMIERMITTEL MIT KOMPLETT WASSERSTOFFBEHANDELTEN SYNTHETISCHEN ÖLEN

Title (fr)

LUBRIFIANT A BASE D'HUILE VEGETALE CONTENANT TOUTES LES HUILES SYNTHETIQUES HYDROTRAITEES

Publication

EP 1711586 A1 20061018 (EN)

Application

EP 04788747 A 20040913

Priority

- US 2004030030 W 20040913
- US 50266903 P 20030912

Abstract (en)

[origin: US2005059562A1] The present invention discloses vegetable oil based compositions having an effective combination of properties including lubricity, rheology, electrical insulating value and microbial biodegradability making them particularly useful for the proper functioning of mechanical devices.

IPC 8 full level

C10M 111/02 (2006.01); **C10M 169/04** (2006.01)

CPC (source: EP KR US)

C10M 111/02 (2013.01 - EP US); **C10M 169/00** (2013.01 - KR); **C10M 169/04** (2013.01 - EP KR US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2205/026** (2013.01 - EP US); **C10M 2207/026** (2013.01 - EP US); **C10M 2207/401** (2013.01 - EP US); **C10M 2207/4045** (2013.01 - EP US); **C10M 2209/084** (2013.01 - EP US); **C10M 2215/064** (2013.01 - EP US); **C10M 2215/08** (2013.01 - EP US); **C10M 2215/223** (2013.01 - EP US); **C10M 2215/224** (2013.01 - EP US); **C10M 2223/043** (2013.01 - EP US); **C10N 2030/64** (2020.05 - EP US); **C10N 2040/08** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2005059562 A1 20050317; AU 2004273094 A1 20050324; AU 2004273094 B2 20080710; BR PI0414367 A 20061114; BR PI0414367 B1 20150901; BR PI0414367 B8 20170627; CA 2538768 A1 20050324; CA 2538768 C 20110412; CN 1867654 A 20061122; CN 1867654 B 20100616; EP 1711586 A1 20061018; EP 1711586 A4 20080820; JP 2007505194 A 20070308; JP 4625456 B2 20110202; KR 100855112 B1 20080828; KR 20060126945 A 20061211; MX PA06002862 A 20060614; NZ 545920 A 20091030; WO 2005026300 A1 20050324; ZA 200602890 B 20111026

DOCDB simple family (application)

US 93976504 A 20040913; AU 2004273094 A 20040913; BR PI0414367 A 20040913; CA 2538768 A 20040913; CN 200480029860 A 20040913; EP 04788747 A 20040913; JP 2006526403 A 20040913; KR 20067006505 A 20060404; MX PA06002862 A 20040913; NZ 54592004 A 20040913; US 2004030030 W 20040913; ZA 200602890 A 20060407