

Title (en)

VEGETABLE OIL-BASED LUBRICANTS FOR INTERNAL COMBUSTION ENGINES

Title (de)

SCHMIERMITTEL AUF PFLANZENÖLBASIS FÜR VERBRENNUNGSMOTOREN

Title (fr)

LUBRIFIANTS A BASE D'HUILE VEGETALE, POUR MOTEURS A COMBUSTION INTERNE

Publication

EP 0873385 A1 19981028 (FR)

Application

EP 96919881 A 19960509

Priority

- FR 9600694 W 19960509
- FR 9505693 A 19950509

Abstract (en)

[origin: WO9635766A1] An internal combustion engine lubricant contains a vegetable oil with an oleic acid content of more than 77 %, at least one first alkylselenium antioxidant, a first dispersant, a pour point depressant and a detergent, wherein said lubricant may advantageously contain polybutene, which allows the used lubricant to be burned in the combustion chamber(s) of the engine.

IPC 1-7

C10M 169/04

IPC 8 full level

C10M 169/04 (2006.01)

CPC (source: EP)

C10M 101/04 (2013.01); **C10M 107/02** (2013.01); **C10M 133/12** (2013.01); **C10M 133/52** (2013.01); **C10M 145/14** (2013.01); **C10M 169/044** (2013.01); **C10M 2201/065** (2013.01); **C10M 2205/0206** (2013.01); **C10M 2205/026** (2013.01); **C10M 2205/028** (2013.01); **C10M 2207/40** (2013.01); **C10M 2207/401** (2013.01); **C10M 2207/404** (2013.01); **C10M 2207/4045** (2013.01); **C10M 2209/084** (2013.01); **C10M 2215/04** (2013.01); **C10M 2215/06** (2013.01); **C10M 2215/064** (2013.01); **C10M 2215/065** (2013.01); **C10M 2215/066** (2013.01); **C10M 2215/067** (2013.01); **C10M 2215/068** (2013.01); **C10M 2215/086** (2013.01); **C10M 2215/24** (2013.01); **C10M 2215/26** (2013.01); **C10M 2215/28** (2013.01); **C10M 2217/046** (2013.01); **C10M 2217/06** (2013.01); **C10N 2020/01** (2020.05); **C10N 2040/25** (2013.01); **C10N 2040/251** (2020.05); **C10N 2040/252** (2020.05); **C10N 2040/253** (2020.05); **C10N 2040/255** (2020.05); **C10N 2040/28** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FI GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9635766 A1 19961114; AT E232900 T1 20030315; CA 2220056 A1 19961114; DE 69626314 D1 20030327; DE 69626314 T2 20031211; EP 0873385 A1 19981028; EP 0873385 B1 20030219; FR 2733994 A1 19961115; FR 2733994 B1 19970808

DOCDB simple family (application)

FR 9600694 W 19960509; AT 96919881 T 19960509; CA 2220056 A 19960509; DE 69626314 T 19960509; EP 96919881 A 19960509; FR 9505693 A 19950509