

Title (en)

USE OF AN OIL COMPOSITION FOR TEMPORARY TREATMENT OF METAL SURFACES

Title (de)

VERWENDUNG EINER ÖLZUSAMMENSETZUNG ZUR TEMPORÄREN BEHANDLUNG VON METALLOBERFLÄCHEN

Title (fr)

UTILISATION D'UNE COMPOSITION HUILEUSE POUR LE TRAITEMENT TEMPORAIRE DES SURFACES METALLIQUES

Publication

EP 1287097 A1 20030305 (FR)

Application

EP 01936526 A 20010515

Priority

- FR 0101476 W 20010515
- FR 0006465 A 20000519

Abstract (en)

[origin: WO0188068A1] The invention concerns the use of an oil composition for temporarily protecting and lubricating metal surfaces, characterised in that said composition contains: at least 30 % of at least a saturated or unsaturated C \leq 18 fatty acid triglyceride (Compound A); 5 to 30 % of at least a C \leq 18 fatty acid triglyceride with oleic acid content of at least 60 wt. % (Compound B); 5 to 30 % of at least an ester derived from condensation of a C1-C12, preferably, C1-C2 aliphatic alcohol, with a C \leq 18 fatty acid (Compound C); and optionally 5 to 20 % of at least an amide derived from condensation of a C \leq 18 fatty acid, and a C2-C6 mono- di- or tri-alkanolamine (Compound D). The invention also concerns a corresponding oil composition.

IPC 1-7

C10M 101/04; **C10M 111/02**; **C10M 169/04**

IPC 8 full level

C10M 111/02 (2006.01); **C10M 101/04** (2006.01); **C10M 105/34** (2006.01); **C10M 105/38** (2006.01); **C10M 133/16** (2006.01); **C10M 169/04** (2006.01); **C10N 30/06** (2006.01); **C10N 30/12** (2006.01); **C10N 40/24** (2006.01)

CPC (source: EP US)

C10M 101/04 (2013.01 - EP US); **C10M 105/34** (2013.01 - EP US); **C10M 105/38** (2013.01 - EP US); **C10M 105/68** (2013.01 - EP US); **C10M 111/02** (2013.01 - EP US); **C10M 129/70** (2013.01 - EP US); **C10M 129/74** (2013.01 - EP US); **C10M 133/16** (2013.01 - EP US); **C10M 159/08** (2013.01 - EP US); **C10M 169/04** (2013.01 - EP US); **C10M 2207/281** (2013.01 - EP US); **C10M 2207/2815** (2013.01 - EP US); **C10M 2207/283** (2013.01 - EP US); **C10M 2207/2835** (2013.01 - EP US); **C10M 2207/284** (2013.01 - EP US); **C10M 2207/2845** (2013.01 - EP US); **C10M 2207/40** (2013.01 - EP US); **C10M 2207/401** (2013.01 - EP US); **C10M 2207/402** (2013.01 - EP US); **C10M 2207/404** (2013.01 - EP US); **C10M 2207/4045** (2013.01 - EP US); **C10M 2215/08** (2013.01 - EP US); **C10M 2215/0806** (2013.01 - EP US); **C10M 2215/082** (2013.01 - EP US); **C10M 2215/086** (2013.01 - EP US); **C10M 2215/1006** (2013.01 - EP US); **C10M 2215/12** (2013.01 - EP US); **C10M 2215/122** (2013.01 - EP US); **C10M 2215/285** (2013.01 - EP US); **C10N 2030/12** (2013.01 - EP US); **C10N 2030/64** (2020.05 - EP US); **C10N 2040/20** (2013.01 - EP US); **C10N 2040/24** (2013.01 - EP US)

Citation (search report)

See references of WO 0188068A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0188068 A1 20011122; AT E286955 T1 20050115; AU 6241301 A 20011126; BR 0110908 A 20030311; CA 2408878 A1 20011122; DE 60108380 D1 20050217; DE 60108380 T2 20051222; EP 1287097 A1 20030305; EP 1287097 B1 20050112; ES 2239137 T3 20050916; FR 2809116 A1 20011123; FR 2809116 B1 20020830; JP 2004515564 A 20040527; US 2004029749 A1 20040212; US 6919302 B2 20050719

DOCDB simple family (application)

FR 0101476 W 20010515; AT 01936526 T 20010515; AU 6241301 A 20010515; BR 0110908 A 20010515; CA 2408878 A 20010515; DE 60108380 T 20010515; EP 01936526 A 20010515; ES 01936526 T 20010515; FR 0006465 A 20000519; JP 2001585277 A 20010515; US 27640202 A 20021115