

Title (en)
Fuel oiliness additive

Title (de)
Kraftstoffschmierzusatz

Title (fr)
Additif d'onctuosité pour carburant

Publication
EP 1522570 A3 20051130 (FR)

Application
EP 05000389 A 19981222

Priority

- EP 98963589 A 19981222
- FR 9716538 A 19971224
- FR 9803225 A 19980317

Abstract (en)
[origin: US6511520B1] The invention concerns an additive for motive fuel additive, in particular with low sulphur content not more than 500 ppm, consisting for the most part of a combination comprising 5 to 95 wt. % of a glycerol monoester R1-C(O)-O-CH2-CHO-CH2OH or R1-C(O)-O-CH(CH2OH)2, R1 being an alkyl chain containing 8 to 60 carbon atoms, or a monocyclic or polycyclic group comprising 8 to 60 carbon atoms, and from 5 to 95 wt % of a compound of formula R2-C(O)-X, R2 being an alkyl chain containing 8 to 24 carbon atoms, or a monocyclic or polycyclic group comprising 8 to 60 carbon atoms, and X being selected among (i) the groups OR0, R0 being a hydrocarbon radical comprising 1 to 8 carbon atoms, optionally substituted by one or several esters; and (ii) the groups derived from primary or secondary amines and alkanolamines with aliphatic hydrocarbon chain, comprising 1 to 18 carbon atoms.

IPC 1-7
C07C 231/02; C07C 213/06; C07C 67/03; C10L 1/18; C10L 1/14; C10L 10/04; C10L 1/22; C08K 5/00; C10M 105/32; C10M 105/56; C10M 111/02

IPC 8 full level
C07C 67/03 (2006.01); **C07C 213/06** (2006.01); **C07C 231/02** (2006.01); **C10L 1/14** (2006.01); **C10L 1/188** (2006.01); **C10L 1/19** (2006.01); **C10L 1/22** (2006.01); **C10L 1/222** (2006.01); **C10L 1/224** (2006.01); **C10L 10/04** (2006.01); **C10L 10/08** (2006.01); **C10L 1/18** (2006.01); **C10L 10/18** (2006.01)

CPC (source: EP KR US)
C10L 1/14 (2013.01 - EP US); **C10L 1/143** (2013.01 - EP US); **C10L 1/18** (2013.01 - KR); **C10L 1/19** (2013.01 - EP US); **C10L 1/191** (2013.01 - EP US); **C10L 1/224** (2013.01 - EP US); **C10L 10/08** (2013.01 - EP US); **C10L 1/1802** (2013.01 - EP US); **C10L 1/198** (2013.01 - EP US); **C10L 1/1985** (2013.01 - EP US); **C10L 1/2225** (2013.01 - EP US); **C10L 1/232** (2013.01 - EP US); **C10L 1/2335** (2013.01 - EP US); **C10L 1/238** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)
US 6511520 B1 20030128; AR 014163 A1 20010207; AT E290057 T1 20050315; BR 9807728 A 20000215; BR 9807728 B1 20100518; CA 2281635 A1 19990708; CA 2281635 C 20090217; DE 69829167 D1 20050407; DE 69829167 T2 20060413; EP 0961820 A1 19991208; EP 0961820 B1 20050302; EP 1522570 A2 20050413; EP 1522570 A3 20051130; ES 2242310 T3 20051101; FR 2772784 A1 19990625; FR 2772784 B1 20040910; HU 222537 B1 20030828; HU P0001251 A2 20000828; HU P0001251 A3 20010228; ID 23178 A 20000323; JP 3226497 B2 20011105; JP H11209766 A 19990803; KR 100598227 B1 20060707; KR 20000071202 A 20001125; MY 121333 A 20060128; NO 994055 D0 19990823; NO 994055 L 19991020; PL 189103 B1 20050630; PL 335330 A1 20000425; PT 961820 E 20050729; RU 2167919 C1 20010527; WO 9933938 A1 19990708

DOCDB simple family (application)
US 35599299 A 19991028; AR P980106647 A 19981223; AT 98963589 T 19981222; BR 9807728 A 19981222; CA 2281635 A 19981222; DE 69829167 T 19981222; EP 05000389 A 19981222; EP 98963589 A 19981222; ES 98963589 T 19981222; FR 9802823 W 19981222; FR 9803225 A 19980317; HU P0001251 A 19981222; ID 990919 A 19981222; JP 20235798 A 19980716; KR 19997007492 A 19990818; MY PI9805849 A 19981223; NO 994055 A 19990823; PL 33533098 A 19981222; PT 98963589 T 19981222; RU 99120297 A 19981222