

Title (en)
Lubricating oil compositions for marine diesel engines

Title (de)
Schmiermittelzusammensetzungen für Schiffsdieselmotoren

Title (fr)
Composition lubrifiante pour la lubrification d'un moteur diesel marin

Publication
EP 1298189 A1 20030402 (EN)

Application
EP 01308354 A 20010928

Priority
EP 01308354 A 20010928

Abstract (en)
A residual fuel oil-fuelled diesel engine lubricating oil composition for marine and stationary applications comprising, or made by admixing: (a) a basestock of lubricating viscosity, in a major amount; and (b) an oil-soluble or oil-dispersible molybdenum compound, in a minor amount; wherein the oil composition has a TBN from 20 to 100 as measured according to ASTM D-2896 and a viscosity at 100 DEG C in the range from 9 to 30 mm²/s as measured according to ASTM D-445. The lubricating oil compositions of the present invention demonstrate improved cylinder liner wear performance.

IPC 1-7
C10M 163/00

IPC 8 full level
C10M 169/04 (2006.01); **C10M 101/02** (2006.01); **C10M 105/04** (2006.01); **C10M 105/36** (2006.01); **C10M 105/38** (2006.01); **C10M 107/08** (2006.01); **C10M 129/06** (2006.01); **C10M 129/28** (2006.01); **C10M 133/56** (2006.01); **C10M 135/14** (2006.01); **C10M 135/18** (2006.01); **C10M 137/10** (2006.01); **C10M 139/00** (2006.01); **C10M 159/18** (2006.01); **C10M 159/22** (2006.01); **C10M 159/24** (2006.01); **C10M 163/00** (2006.01); **C10N 10/04** (2006.01); **C10N 10/12** (2006.01); **C10N 20/02** (2006.01); **C10N 30/06** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP US)
C10M 163/00 (2013.01 - EP US); **C10M 2203/108** (2013.01 - EP US); **C10M 2207/028** (2013.01 - EP US); **C10M 2207/262** (2013.01 - EP US); **C10M 2215/28** (2013.01 - EP US); **C10M 2219/046** (2013.01 - EP US); **C10M 2219/066** (2013.01 - EP US); **C10M 2219/068** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10M 2227/066** (2013.01 - EP US); **C10M 2227/09** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US); **C10N 2010/12** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/52** (2020.05 - EP US); **C10N 2040/252** (2020.05 - EP US); **C10N 2060/14** (2013.01 - EP US)

Citation (search report)

- [X] EP 0839894 A1 19980506 - IDEMITSU KOSAN CO [JP]
- [Y] EP 1087008 A1 20010328 - INFINEUM INT LTD [GB]
- [Y] US 5629272 A 19970513 - NAKAZATO MORIKUNI [JP], et al
- [Y] US 6143701 A 20001107 - BOFFA ALEXANDER B [US]
- [A] WO 9620265 A1 19960704 - CHEVRON CHEM CO [US], et al
- [A] US 4842755 A 19890627 - DUNN ADRIAN [GB]
- [A] US 4283294 A 19810811 - CLARKE CHRISTOPHER T
- [A] US 6074993 A 20000613 - WADDUPS MALCOLM [US], et al
- [A] US 5744430 A 19980428 - INOUE KIYOSHI [JP], et al
- [A] US 5658862 A 19970819 - VRAHOPOULOU ELISAVET P [US]
- [A] US 6277794 B1 20010821 - DUNN ADRIAN [GB]

Cited by
WO2007047446A1; RU2496859C2; EP2292724A1; EP1522572A1; AU2004218713B2; GB2461611A; GB2461611B; EP1728849A1; AU2006202228B2; AU2006202228A8; AU2006202228B8; US8377857B2; US7939478B2; WO2006014866A1

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)
EP 1298189 A1 20030402; AT E306527 T1 20051015; CA 2405648 A1 20030328; CA 2405648 C 20070206; DE 60212026 D1 20060720; DE 60212026 T2 20060928; ES 2246374 T3 20060216; JP 2003119484 A 20030423; SG 118159 A1 20060127; US 2003073590 A1 20030417

DOCDB simple family (application)
EP 01308354 A 20010928; AT 02078107 T 20020730; CA 2405648 A 20020927; DE 60212026 T 20020730; ES 02078107 T 20020730; JP 2002283697 A 20020927; SG 200205913 A 20020927; US 23819202 A 20020910