

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
3 December 2009 (03.12.2009)

PCT

(10) International Publication Number  
**WO 2009/145823 A3**

(51) International Patent Classification:

C10M 145/14 (2006.01) C10N 30/02 (2006.01)  
C10M 169/04 (2006.01) C10N 40/08 (2006.01)  
C10N 20/02 (2006.01) C10N 30/00 (2006.01)

(21) International Application Number:

PCT/US2009/001981

(22) International Filing Date:

31 March 2009 (31.03.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/072,429 31 March 2008 (31.03.2008) US

(71) Applicant (for all designated States except US):

**EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; 1545 Route 22 East, P. O. Box 900, Annandale, NJ 08801-0900 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **HOLT, David, G.L.** [GB/US]; 18 Saddler Drive, Medford, NJ 08055 (US).

(74) Agents: **BAKUN, Estelle, C.** et al.; Exxonmobil Research And Engineering Company, 1545 Route 22 East, P. O. Box 900, Annandale, NJ 08801-0900 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available):

ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) Date of publication of the international search report:

25 February 2010

(54) Title: UNEXPECTED SHEAR STABILITY BENEFITS OF SYNTHETIC OILS AND VISCOSITY MODIFIER COMBINATIONS

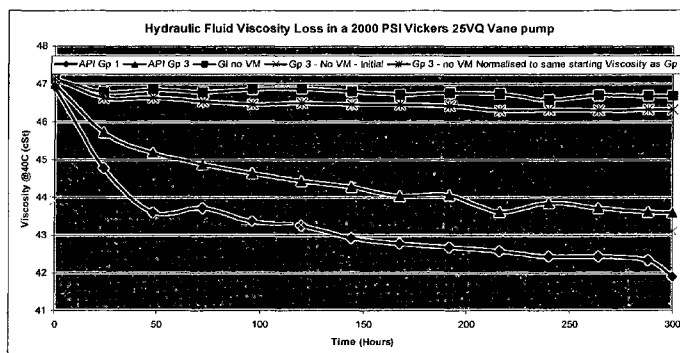


Figure 1

(57) Abstract: In one embodiment, a lubricating oil with favorable shear stability is disclosed. The lubricating oil comprising a major amount of base stock selected from the group consisting of Group II, Group III, Group IV, Group V, and any combination thereof, a viscosity index improver comprising a polymethacrylate with a permanent shear stability index of less than 45 defined by ASTM 5621 with 10 percent polymer in a Group I mineral oil, an antioxidant additive and a corrosion additive. In a second embodiment a method of improving shear stability is disclosed. In a third embodiment, a method of blending an oil to provide improved shear stability and favorable viscosity index is disclosed.



WO 2009/145823 A3

**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/US2009/001981

**A. CLASSIFICATION OF SUBJECT MATTER**  
 INV. C10M145/14 C10M169/04  
 ADD. C10N40/08 C10N20/02 C10N30/02 C10N30/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**  
 Minimum documentation searched (classification system followed by classification symbols)  
 C10M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
 EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	US 5 520 832 A (ALEXANDER ALBERT G [CA]) 28 May 1996 (1996-05-28) page 3, columns 3,4; examples D,E; table 2	1-18
X	US 2008/015400-A1 (MATSUI SHIGEKI [JP] ET AL) 17 January 2008 (2008-01-17) paragraphs [0177], [0178], [0182], [0190] - [0197]; tables 3-6	1-3, 9-11, 13-18
X	WO 96/27648 A (EXXON RESEARCH ENGINEERING CO [US]) 12 September 1996 (1996-09-12) page 1, line 25 - page 7; tables 1,2	1-12, 14, 16, 18
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Further documents are listed in the continuation of Box C.  See patent family annex.

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Date of the actual completion of the international search  4 December 2009	Date of mailing of the international search report  28/12/2009
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer  Pöllmann, Klaus
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**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/US2009/001981

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/US2009/001981
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