

Title (en)  
LUBRICATION OIL COMPOSITIONS

Title (de)  
SCHMIERÖLZUSAMMENSETZUNGEN

Title (fr)  
COMPOSITIONS D'HUILES LUBRIFIANTES

Publication  
**EP 2181182 A1 20100505 (EN)**

Application  
**EP 08798345 A 20080821**

Priority  
• US 2008073832 W 20080821  
• US 95772507 P 20070824

Abstract (en)  
[origin: US2009054283A1] This invention relates to lubrication oil compositions comprising (i) a base fluid stock comprising (a) a PO3G fluid (a polytrimethylene ether glycol that is a fluid at ambient temperature) and (b) a PO3G ester fluid (an ester of a polytrimethylene ether glycol that is a fluid at ambient temperature), and (ii) one or more fuel oil additives.

IPC 8 full level  
**C10M 107/34** (2006.01); **C10M 169/04** (2006.01); **C10N 10/04** (2006.01); **C10N 10/12** (2006.01); **C10N 20/02** (2006.01); **C10N 20/04** (2006.01); **C10N 30/06** (2006.01); **C10N 30/08** (2006.01); **C10N 30/12** (2006.01)

CPC (source: EP US)  
**C10M 107/34** (2013.01 - EP US); **C10M 169/04** (2013.01 - EP US); **C10M 2207/026** (2013.01 - EP US); **C10M 2207/289** (2013.01 - EP US); **C10M 2209/1055** (2013.01 - EP US); **C10M 2215/065** (2013.01 - EP US); **C10M 2215/223** (2013.01 - EP US); **C10M 2217/028** (2013.01 - EP US); **C10M 2219/044** (2013.01 - EP US); **C10M 2219/066** (2013.01 - EP US); **C10M 2219/106** (2013.01 - EP US); **C10M 2223/043** (2013.01 - EP US); **C10M 2223/047** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US); **C10N 2010/12** (2013.01 - EP US); **C10N 2020/02** (2013.01 - EP US); **C10N 2020/04** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/12** (2013.01 - EP US); **C10N 2030/18** (2013.01 - EP US); **C10N 2030/64** (2020.05 - EP US)

Citation (search report)  
See references of WO 2009029477A1

Citation (examination)  
US 6608168 B1 20030819 - NG HOWARD C [CA]

Cited by  
DE202011051064U1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**US 2009054283 A1 20090226**; AU 2008293753 A1 20090305; BR PI0815315 A2 20170509; CA 2696369 A1 20090305; CN 101784645 A 20100721; EP 2181182 A1 20100505; JP 2010537003 A 20101202; JP 5470249 B2 20140416; KR 20100059898 A 20100604; MX 2010002160 A 20100318; TW 200914605 A 20090401; WO 2009029477 A1 20090305

DOCDB simple family (application)  
**US 19569708 A 20080821**; AU 2008293753 A 20080821; BR PI0815315 A 20080821; CA 2696369 A 20080821; CN 200880103883 A 20080821; EP 08798345 A 20080821; JP 2010522018 A 20080821; KR 20107006367 A 20080821; MX 2010002160 A 20080821; TW 97132302 A 20080822; US 2008073832 W 20080821