

Title (en)  
LUBRICATION OIL COMPOSITIONS

Title (de)  
SCHMIERÖLZUSAMMENSETZUNGEN

Title (fr)  
COMPOSITIONS D'HUILE DE LUBRIFICATION

Publication  
**EP 2181181 A1 20100505 (EN)**

Application  
**EP 08828627 A 20080821**

Priority  
• US 2008073853 W 20080821  
• US 95772207 P 20070824

Abstract (en)  
[origin: US2009054284A1] This invention relates to lubrication oil compositions comprising (i) an acid ester (monoester and/or diester) of polytrimethylene ether glycol; and (ii) a vegetable oil lubricant.

IPC 8 full level  
**C10M 105/38** (2006.01); **C10M 107/34** (2006.01); **C10M 111/04** (2006.01); **C10N 20/02** (2006.01); **C10N 20/04** (2006.01); **C10N 30/02** (2006.01)

CPC (source: EP US)  
**C10M 105/38** (2013.01 - EP US); **C10M 107/34** (2013.01 - EP US); **C10M 111/04** (2013.01 - EP US); **C10M 2207/401** (2013.01 - EP US); **C10M 2207/402** (2013.01 - EP US); **C10M 2209/1045** (2013.01 - EP US); **C10M 2209/1055** (2013.01 - EP US); **C10N 2020/04** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/64** (2020.05 - EP US)

Citation (search report)  
See references of WO 2009029482A1

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AL BA MK RS

DOCDB simple family (publication)  
**US 2009054284 A1 20090226**; AU 2008293758 A1 20090305; BR PI0815243 A2 20190924; CA 2696371 A1 20090305; CN 101784643 A 20100721; EP 2181181 A1 20100505; JP 2010537004 A 20101202; KR 20100043109 A 20100427; MX 2010002153 A 20100318; TW 200914604 A 20090401; WO 2009029482 A1 20090305

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**US 19571008 A 20080821**; AU 2008293758 A 20080821; BR PI0815243 A 20080821; CA 2696371 A 20080821; CN 200880104211 A 20080821; EP 08828627 A 20080821; JP 2010522023 A 20080821; KR 20107006368 A 20080821; MX 2010002153 A 20080821; TW 97132304 A 20080822; US 2008073853 W 20080821