

Title (en)  
LUBRICATING OIL COMPOSITION

Title (de)  
SCHMIERÖLZUSAMMENSETZUNG

Title (fr)  
COMPOSITION D'UNE HUILE LUBRIFIANTE

Publication  
**EP 2013322 A1 20090114 (EN)**

Application  
**EP 07728686 A 20070501**

Priority  
• EP 2007054232 W 20070501  
• EP 06252350 A 20060503  
• EP 07728686 A 20070501

Abstract (en)  
[origin: WO2007128740A1] A lubricating oil composition comprising lubricating oil base oil, one or more anti-wear additives and one or more poly (hydroxycarboxylic acid) amide salt derivatives preparable by reaction of an amine and a poly (hydroxycarboxylic acid) of formula (I) wherein Y is hydrogen or optionally substituted hydrocarbyl group, A is a divalent optionally substituted hydrocarbyl group and n is from 1 to 100, preferably from 1 to 10, with an acid or a quaternizing agent; and a method of reducing deposits in an internal combustion engine, which method comprises lubricating said internal combustion engine with said lubricating oil composition.

IPC 8 full level  
**C10M 141/06** (2006.01); **C10M 141/10** (2006.01); **C10M 161/00** (2006.01); **C10M 163/00** (2006.01); **C10N 30/04** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP KR US)  
**C10M 141/06** (2013.01 - EP KR US); **C10M 141/10** (2013.01 - EP KR US); **C10M 161/00** (2013.01 - EP KR US); **C10M 163/00** (2013.01 - EP US); **C10M 2215/08** (2013.01 - EP US); **C10M 2217/041** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10N 2030/04** (2013.01 - EP US); **C10N 2040/25** (2013.01 - EP KR US)

Citation (search report)  
See references of WO 2007128740A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

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DOCDB simple family (publication)  
**WO 2007128740 A1 20071115**; AR 060833 A1 20080716; BR PI0711265 A2 20110830; CA 2650628 A1 20071115; CN 101473020 A 20090701; CN 101473020 B 20130619; EP 2013322 A1 20090114; JP 2009535473 A 20091001; JP 5484896 B2 20140507; KR 20090006871 A 20090115; MX 2008013918 A 20081112; RU 2008147667 A 20100610; RU 2458108 C2 20120810; US 2008026973 A1 20080131; ZA 200809245 B 20091028

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