

Title (en)  
IMPROVED OLEFINIC COPOLYMER COMPOSITIONS FOR VISCOSITY MODIFICATION OF MOTOR OIL

Title (de)  
VERBESSERTE OLEFINCOPOLYMERZUSAMMENSETZUNGEN ZUR VISKOSITÄTSMODIFIZIERUNG VON MOTORÖL

Title (fr)  
COMPOSITIONS DE COPOLYMÈRE OLÉFINIQUE AMÉLIORÉES POUR UNE MODIFICATION DE LA VISCOSITÉ DE L'HUILE MOTEUR

Publication  
**EP 2328996 A1 20110608 (EN)**

Application  
**EP 08797513 A 20080808**

Priority  
US 2008072655 W 20080808

Abstract (en)  
[origin: WO2010016847A1] Lube oil compositions and methods for making the same are provided. The lubricating oil composition can include at least one propylene-based polymer comprising 60 wt% to 98 wt% propylene derived units, other units derived from one or more other alpha olefins, and a base oil. The propylene-based polymer can have a triad tacticity of 90% or more, a heat of fusion of less than 80 J/g, and a weight average molecular weight (Mw) as measured by GPC of from 70,000 to 250,000.

IPC 8 full level  
**C10M 143/04** (2006.01); **C08F 210/06** (2006.01); **C08L 23/14** (2006.01); **C10N 20/04** (2006.01); **C10N 30/02** (2006.01)

CPC (source: EP US)  
**C08L 23/142** (2013.01 - EP US); **C10M 143/04** (2013.01 - EP US); **C08L 23/04** (2013.01 - EP US); **C08L 23/0815** (2013.01 - EP US); **C08L 2205/06** (2013.01 - EP US); **C10M 2205/022** (2013.01 - EP US); **C10M 2205/024** (2013.01 - EP US); **C10M 2205/026** (2013.01 - EP US); **C10M 2205/028** (2013.01 - EP US); **C10N 2020/04** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/68** (2020.05 - EP US)

Citation (search report)  
See references of WO 2010016847A1

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)  
**WO 2010016847 A1 20100211**; CA 2733254 A1 20100211; CA 2733254 C 20131029; CN 102171318 A 20110831; EP 2328996 A1 20110608; EP 3214158 A1 20170906; JP 2011530617 A 20111222; JP 5933263 B2 20160608; US 2012015854 A1 20120119

DOCDB simple family (application)  
**US 2008072655 W 20080808**; CA 2733254 A 20080808; CN 200880131287 A 20080808; EP 08797513 A 20080808; EP 17150305 A 20080808; JP 2011522043 A 20080808; US 200813056246 A 20080808