

Title (en)

LUBRICANT COMPOSITION CONTAINING VISCOSITY INDEX IMPROVER

Title (de)

SCHMIERMITTELZUSAMMENSETZUNG MIT VISKOSITÄTSINDEXVERBESSERER

Title (fr)

COMPOSITION LUBRIFIANTE CONTENANT UN AGENT AMÉLIORANT L'INDICE DE VISCOSITÉ

Publication

EP 2649167 A1 20131016 (EN)

Application

EP 11799913 A 20111206

Priority

- US 42176410 P 20101210
- US 2011063425 W 20111206

Abstract (en)

[origin: WO2012078572A1] The disclosed invention relates to lubricant compositions containing viscosity index improvers in the form of polymers comprising structural units derived from ethylene, propylene and butylenes.

IPC 8 full level

C10M 165/00 (2006.01); **C10M 167/00** (2006.01); **C10N 10/02** (2006.01); **C10N 10/04** (2006.01); **C10N 30/04** (2006.01); **C10N 40/25** (2006.01); **C10N 40/26** (2006.01)

CPC (source: EP KR US)

C10M 143/06 (2013.01 - US); **C10M 161/00** (2013.01 - KR); **C10M 165/00** (2013.01 - EP US); **C10M 167/00** (2013.01 - EP US); **C10M 169/04** (2013.01 - KR); **C10M 2203/1025** (2013.01 - EP US); **C10M 2205/022** (2013.01 - EP US); **C10M 2205/04** (2013.01 - EP US); **C10M 2207/026** (2013.01 - EP US); **C10M 2207/289** (2013.01 - EP US); **C10M 2215/064** (2013.01 - EP US); **C10M 2215/08** (2013.01 - EP US); **C10M 2215/28** (2013.01 - EP US); **C10M 2219/022** (2013.01 - EP US); **C10M 2219/046** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10M 2229/02** (2013.01 - EP US); **C10N 2010/02** (2013.01 - KR); **C10N 2020/017** (2020.05 - EP US); **C10N 2020/019** (2020.05 - EP US); **C10N 2020/02** (2013.01 - EP US); **C10N 2020/04** (2013.01 - EP US); **C10N 2030/04** (2013.01 - EP KR US); **C10N 2030/041** (2020.05 - EP US); **C10N 2030/08** (2013.01 - EP US); **C10N 2030/41** (2020.05 - EP US); **C10N 2030/42** (2020.05 - EP US); **C10N 2030/43** (2020.05 - EP US); **C10N 2030/45** (2020.05 - EP US); **C10N 2030/52** (2020.05 - EP US); **C10N 2030/68** (2020.05 - EP US); **C10N 2040/25** (2013.01 - EP US); **C10N 2040/251** (2020.05 - EP US); **C10N 2040/252** (2020.05 - EP US); **C10N 2040/253** (2020.05 - EP US); **C10N 2040/255** (2020.05 - EP US); **C10N 2040/26** (2013.01 - EP US)

Citation (search report)

See references of WO 2012078572A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012078572 A1 20120614; BR 112013014297 A2 20160920; CA 2820583 A1 20120614; CA 2820583 C 20181030; CN 103354832 A 20131016; CN 103354832 B 20151125; EP 2649167 A1 20131016; EP 2649167 B1 20160309; JP 2013544948 A 20131219; JP 5897030 B2 20160330; KR 101815338 B1 20180130; KR 20130130003 A 20131129; SG 190994 A1 20130731; US 2014005086 A1 20140102

DOCDB simple family (application)

US 2011063425 W 20111206; BR 112013014297 A 20111206; CA 2820583 A 20111206; CN 201180067197 A 20111206; EP 11799913 A 20111206; JP 2013543249 A 20111206; KR 20137017069 A 20111206; SG 2013043146 A 20111206; US 201113991707 A 20111206