

Title (en)

POLY(METH)ACRYLATE VISCOSITY INDEX IMPROVER, AND LUBRICATING OIL COMPOSITION AND LUBRICATING OIL ADDITIVE CONTAINING SAID VISCOSITY INDEX IMPROVER

Title (de)

POLY(METH)ACRYLAT VISKOSITÄTSINDEXVERBESSERER UND SCHMIERÖLZUSAMMENSETZUNG SOWIE SCHMIERÖLADDITIV MIT DIESEM VISKOSITÄTSINDEXVERBESSERER

Title (fr)

AMÉLIORANT D'INDICE DE VISCOSITÉ À BASE DE POLY(MÉTH)ACRYLATE, ET COMPOSITION D'HUILE LUBRIFIANTE ET ADDITIF POUR HUILE LUBRIFIANTE LE CONTENANT

Publication

**EP 2878657 B1 20180613 (EN)**

Application

**EP 13823599 A 20130724**

Priority

- JP 2012163619 A 20120724
- JP 2012163624 A 20120724
- JP 2012163622 A 20120724
- JP 2013079828 A 20130405
- JP 2013079816 A 20130405
- JP 2013079829 A 20130405
- JP 2013079830 A 20130405
- JP 2013079832 A 20130405
- JP 2013142014 A 20130705
- JP 2013142036 A 20130705
- JP 2013070100 W 20130724

Abstract (en)

[origin: EP2878657A1] The present invention provides a poly(meth)acrylate-based viscosity index improver comprising a polymer chain comprising a structural unit represented by the following formula (1), wherein a weight-average molecular weight Mw is 100000 or more, and a ratio of the weight-average molecular weight Mw to a number average molecular weight Mn, Mw/Mn, is 1.6 or less. [In the formula (1), R 1 represents hydrogen or a methyl group, and R 2 represents a C1 to C36 alkyl group.]

IPC 8 full level

**C10M 145/14** (2006.01); **C10N 30/02** (2006.01)

CPC (source: EP US)

**C10M 145/14** (2013.01 - EP US); **C10M 2209/084** (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 2030/68** (2020.05 - EP US); **C10N 2040/04** (2013.01 - EP US); **C10N 2040/25** (2013.01 - EP US)

Citation (examination)

- US 2009221461 A1 20090903 - VISGER DANIEL C [US], et al
- US 2012071374 A1 20120322 - YAGUCHI AKIRA [JP], et al
- US 2011237477 A1 20110929 - TAGAWA KAZUO [JP], et al

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)

**EP 2878657 A1 20150603**; **EP 2878657 A4 20150708**; **EP 2878657 B1 20180613**; CN 104411811 A 20150311; US 2015203782 A1 20150723; WO 2014017558 A1 20140130

DOCDB simple family (application)

**EP 13823599 A 20130724**; CN 201380034045 A 20130724; JP 2013070100 W 20130724; US 201314413773 A 20130724