

Title (en)
LUBRICATING OIL COMPOSITION

Title (de)
SCHMIERÖLZUSAMMENSETZUNG

Title (fr)
COMPOSITION D'HUILE LUBRIFIANTE

Publication
EP 2878658 A1 20150603 (EN)

Application
EP 13823689 A 20130724

Priority
• JP 2012163622 A 20120724
• JP 2013070092 W 20130724

Abstract (en)
A lubricating oil composition comprising a lubricating base oil having a kinematic viscosity at 100°C of 1 to 10 mm²/s, and a branched poly(meth)acrylate viscosity index improver containing a structural unit represented by the following formula (1) in the proportion of 30 to 90 mol % and having a branching degree of 0.1 to 8.0: wherein R 1 represents hydrogen or a methyl group, and R 2 represents a linear or branched hydrocarbon group having a carbon number of 6 or less.

IPC 8 full level
C10M 145/14 (2006.01); **C10N 20/02** (2006.01); **C10N 20/04** (2006.01); **C10N 30/00** (2006.01); **C10N 30/02** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP US)
C10M 145/14 (2013.01 - EP US); **C10M 161/00** (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2207/289** (2013.01 - EP US); **C10M 2209/084** (2013.01 - EP US); **C10M 2215/28** (2013.01 - EP US); **C10M 2219/068** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10N 2020/02** (2013.01 - EP US); **C10N 2020/071** (2020.05 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/54** (2020.05 - EP US); **C10N 2030/68** (2020.05 - EP US); **C10N 2040/252** (2020.05 - EP US); **C10N 2040/255** (2020.05 - EP US)

Cited by
CN108473903A

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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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2878658 A1 20150603; **EP 2878658 A4 20160302**; **EP 2878658 B1 20180905**; CN 104487553 A 20150401; CN 104487553 B 20161228; JP 6129173 B2 20170517; JP WO2014017556 A1 20160711; US 2015184109 A1 20150702; WO 2014017556 A1 20140130

DOCDB simple family (application)
EP 13823689 A 20130724; CN 201380039460 A 20130724; JP 2013070092 W 20130724; JP 2014526979 A 20130724; US 201314416194 A 20130724