

Title (en)
LUBRICATING OIL COMPOSITION

Title (de)
SCHMIERÖLZUSAMMENSETZUNG

Title (fr)
COMPOSITION D'HUILE LUBRIFIANTE

Publication
EP 2878658 B1 20180905 (EN)

Application
EP 13823689 A 20130724

Priority
• JP 2012163622 A 20120724
• JP 2013070092 W 20130724

Abstract (en)
[origin: EP2878658A1] 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

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 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