

Title (en)
LUBRICATING OIL COMPOSITION

Title (de)
SCHMIERÖLZUSAMMENSETZUNG

Title (fr)
COMPOSITION D'HUILE LUBRIFIANTE

Publication
EP 2878659 A1 20150603 (EN)

Application
EP 13823712 A 20130724

Priority

- JP 2012163624 A 20120724
- JP 2013079828 A 20130405
- JP 2013079816 A 20130405
- JP 2013079829 A 20130405
- JP 2013079830 A 20130405
- JP 2013079832 A 20130405
- JP 2013070101 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 poly(meth)acrylate viscosity index improver containing a structural unit represented by the formula (1) in a proportion of 30 to 90 mol% and having a hydrocarbon main chain ratio of 0.18 or less: 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 30/02** (2006.01)

CPC (source: EP US)
C10M 145/14 (2013.01 - EP US); **C10M 161/00** (2013.01 - US); **C10M 2201/087** (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2207/262** (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 2010/04** (2013.01 - EP US); **C10N 2010/12** (2013.01 - EP US); **C10N 2020/02** (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 2030/54** (2020.05 - EP US); **C10N 2030/68** (2020.05 - EP US); **C10N 2040/04** (2013.01 - EP US); **C10N 2040/25** (2013.01 - EP US); **C10N 2040/252** (2020.05 - EP US); **C10N 2040/255** (2020.05 - EP US)

C-Set (source: EP US)

EP

1. **C10M 2219/068 + C10N 2010/12**
2. **C10M 2203/1025 + C10N 2020/02**
3. **C10M 2223/045 + C10N 2010/04**
4. **C10M 2207/262 + C10N 2010/04**

US

1. **C10M 2223/045 + C10N 2010/04**
2. **C10M 2203/1025 + C10N 2020/02**
3. **C10M 2219/068 + C10N 2010/12**
4. **C10M 2207/262 + C10N 2010/04**

Cited by
EP3896142A1; EP4194531A1; US11939550B2; US11365367B2; WO2019005738A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2878659 A1 20150603; **EP 2878659 A4 20160309**; CN 104487554 A 20150401; CN 104487554 B 20180313; JP 6125503 B2 20170510; JP WO2014017559 A1 20160711; US 2015203785 A1 20150723; WO 2014017559 A1 20140130

DOCDB simple family (application)
EP 13823712 A 20130724; CN 201380039481 A 20130724; JP 2013070101 W 20130724; JP 2014526981 A 20130724; US 201314416339 A 20130724