

Title (en)

LUBRICANT COMPOSITION FOR AN ENGINE

Title (de)

SCHMIERMITTELZUSAMMENSETZUNG FÜR EINEN MOTOR

Title (fr)

COMPOSITION LUBRIFIANTE POUR MOTEUR

Publication

**EP 2844726 B1 20190911 (FR)**

Application

**EP 13723047 A 20130503**

Priority

- FR 1254149 A 20120504
- EP 2013059267 W 20130503

Abstract (en)

[origin: WO2013164457A1] The present invention relates to lubricant compositions for an engine, including at least one base oil, at least one polymer for improving the viscosity index, at least one organomolybdenum compound, and at least one polyalkylene glycol obtained by polymerizing or copolymerizing alkylene oxides including 3 to 8 carbon atoms, at least one of which is butylene oxide, the polyalkylene glycol content being 1 to 28 wt % relative to the total weight of the lubricant composition. The use of at least one polyalkylene glycol, obtained by polymerizing or copolymerizing alkylene oxides including 3 to 8 carbon atoms, at least one of which is butylene oxide, in a base oil enables a reduction in the wear of the connecting-rod bearings of internal combustion heat engines of vehicles having hybrid and/or micro-hybrid engines.

IPC 8 full level

**C10M 161/00** (2006.01); **C10N 30/02** (2006.01); **C10N 30/04** (2006.01); **C10N 30/06** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP KR RU US)

**C10M 161/00** (2013.01 - EP KR US); **C10M 169/04** (2013.01 - KR); **C10M 161/00** (2013.01 - RU); **C10M 2203/1025** (2013.01 - EP US); **C10M 2205/02** (2013.01 - EP US); **C10M 2205/022** (2013.01 - EP US); **C10M 2205/028** (2013.01 - EP US); **C10M 2205/04** (2013.01 - EP US); **C10M 2209/084** (2013.01 - EP US); **C10M 2209/105** (2013.01 - EP US); **C10M 2215/064** (2013.01 - EP US); **C10M 2219/068** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/06** (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 2209/105 + C10M 2209/106**
2. **C10M 2203/1025 + C10N 2020/02**
3. **C10M 2223/045 + C10N 2010/04**
4. **C10M 2205/022 + C10M 2205/028**
5. **C10M 2205/02 + C10M 2205/028**
6. **C10M 2205/02 + C10M 2205/04**
7. **C10M 2205/04 + C10M 2205/06**
8. **C10M 2219/068 + C10N 2010/12**
9. **C10M 2223/045 + C10N 2010/12**
10. **C10M 2209/105 + C10M 2209/106 + C10N 2020/04**
11. **C10M 2209/105 + C10M 2209/106 + C10N 2020/02**

US

1. **C10M 2209/105 + C10M 2209/106**
2. **C10M 2205/04 + C10M 2205/06**
3. **C10M 2223/045 + C10N 2010/12**
4. **C10M 2209/105 + C10M 2209/106 + C10N 2020/04**
5. **C10M 2209/105 + C10M 2209/106 + C10N 2020/02**
6. **C10M 2205/022 + C10M 2205/028**
7. **C10M 2205/02 + C10M 2205/028**
8. **C10M 2219/068 + C10N 2010/12**
9. **C10M 2205/02 + C10M 2205/04**
10. **C10M 2223/045 + C10N 2010/04**
11. **C10M 2203/1025 + C10N 2020/02**

Cited by

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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 2013164457 A1 20131107**; AR 092004 A1 20150318; BR 112014027292 A2 20170627; BR 112014027292 B1 20201027; CA 2871433 A1 20131107; CN 104334699 A 20150204; CN 104334699 B 20170721; EP 2844726 A1 20150311; EP 2844726 B1 20190911; ES 2757098 T3 20200428; FR 2990213 A1 20131108; FR 2990213 B1 20150424; HU E047063 T2 20200428; IN 9368DEN2014 A 20150717; JP 2015516007 A 20150604; JP 6295248 B2 20180314; KR 102125478 B1 20200708; KR 20150015455 A 20150210; MX 2014013431 A 20150414; MX 358778 B 20180904; PT 2844726 T 20191216; RU 2014147250 A 20160627; RU 2635569 C2 20171114; US 10604717 B2 20200331; US 2015126419 A1 20150507

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