

Title (en)

POLYALKYLENE GLYCOL-BASED LUBRICANT COMPOSITION

Title (de)

SCHMIERMITTELZUSAMMENSETZUNG AUF POLYALKYLENGLYKOLBASIS

Title (fr)

COMPOSITION LUBRIFIANTE A BASE DE POLYALKYLENE GLYCOLS

Publication

EP 3430109 A1 20190123 (FR)

Application

EP 17710009 A 20170315

Priority

- FR 1652188 A 20160315
- EP 2017056058 W 20170315

Abstract (en)

[origin: WO2017157979A1] The present application relates to a lubricant composition comprising: - an oil selected from among polyalkylene glycols (PAG); and - a nitrogen compound selected from among amine phosphates or amine tungstates. Said lubricant composition is particularly suitable for lubricating a vehicle engine, preferably a motor vehicle engine.

IPC 8 full level

C10M 169/04 (2006.01); **C10N 10/12** (2006.01); **C10N 30/06** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP KR US)

C10M 107/34 (2013.01 - US); **C10M 133/54** (2013.01 - US); **C10M 135/18** (2013.01 - US); **C10M 137/08** (2013.01 - US); **C10M 169/04** (2013.01 - EP KR US); **C10M 2203/1025** (2013.01 - EP KR US); **C10M 2205/04** (2013.01 - EP KR US); **C10M 2207/026** (2013.01 - EP KR US); **C10M 2207/262** (2013.01 - EP KR US); **C10M 2209/084** (2013.01 - EP KR US); **C10M 2209/1033** (2013.01 - EP KR US); **C10M 2209/1045** (2013.01 - EP KR US); **C10M 2209/1055** (2013.01 - EP KR US); **C10M 2209/1065** (2013.01 - EP KR US); **C10M 2209/1075** (2013.01 - EP KR US); **C10M 2215/064** (2013.01 - EP KR US); **C10M 2215/26** (2013.01 - US); **C10M 2215/28** (2013.01 - EP US); **C10M 2219/068** (2013.01 - EP US); **C10M 2223/043** (2013.01 - EP KR US); **C10M 2223/045** (2013.01 - EP KR US); **C10M 2227/066** (2013.01 - EP KR US); **C10M 2227/09** (2013.01 - EP KR US); **C10N 2030/04** (2013.01 - EP KR US); **C10N 2030/06** (2013.01 - EP KR US); **C10N 2030/54** (2020.05 - EP KR US); **C10N 2040/25** (2013.01 - EP KR US)

C-Set (source: EP US)

EP

1. **C10M 2209/1045 + C10M 2209/1055 + C10M 2209/1075**
2. **C10M 2209/1055 + C10M 2209/1065 + C10M 2209/1075**
3. **C10M 2209/1045 + C10M 2209/1055**
4. **C10M 2209/1045 + C10M 2209/1055 + C10M 2209/1085**
5. **C10M 2209/1055 + C10M 2209/1065 + C10M 2209/1085**
6. **C10M 2219/068 + C10N 2010/12**
7. **C10M 2227/09 + C10N 2010/12**
8. **C10M 2203/1025 + C10N 2020/02**
9. **C10M 2223/045 + C10N 2010/04**
10. **C10M 2207/262 + C10N 2010/04**
11. **C10M 2205/04 + C10M 2205/06 + C10N 2060/02**

US

1. **C10M 2209/1045 + C10M 2209/1055 + C10M 2209/1075**
2. **C10M 2209/1055 + C10M 2209/1065 + C10M 2209/1075**
3. **C10M 2209/1045 + C10M 2209/1055**
4. **C10M 2209/1045 + C10M 2209/1055 + C10M 2209/1085**
5. **C10M 2209/1055 + C10M 2209/1065 + C10M 2209/1085**
6. **C10M 2219/068 + C10N 2010/12**
7. **C10M 2203/1025 + C10N 2020/02**
8. **C10M 2223/045 + C10N 2010/04**
9. **C10M 2207/262 + C10N 2010/04**
10. **C10M 2205/04 + C10M 2205/06 + C10N 2060/02**
11. **C10M 2227/09 + C10N 2010/12**

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017157979 A1 20170921; BR 112018068691 A2 20190115; CN 109072121 A 20181221; EP 3430109 A1 20190123; FR 3048976 A1 20170922; FR 3048976 B1 20200207; JP 2019508562 A 20190328; KR 102372804 B1 20220311; KR 20180126478 A 20181127; MX 2018011045 A 20190124; US 10982169 B2 20210420; US 2019071616 A1 20190307

DOCDB simple family (application)

EP 2017056058 W 20170315; BR 112018068691 A 20170315; CN 201780017795 A 20170315; EP 17710009 A 20170315; FR 1652188 A 20160315; JP 2018548392 A 20170315; KR 20187026779 A 20170315; MX 2018011045 A 20170315; US 201716084823 A 20170315