

Title (en)  
Lubricating composition

Title (de)  
Schmiermittelzusammensetzung

Title (fr)  
Composition de lubrification

Publication  
**EP 2248878 A1 20101110 (EN)**

Application  
**EP 09159279 A 20090501**

Priority  
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Abstract (en)  
The present invention provides a lubricating composition comprising: - a base oil; - a molybdenum-containing compound; and - a fatty acid amide. Furthermore, the present invention provides the use of the lubricating composition, in particular in a gas engine, in order to improve friction reduction properties (in particular according to the SRV test of DIN 51834-1).

IPC 8 full level  
**C10M 141/08** (2006.01); **C10N 10/12** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP)  
**C10M 141/08** (2013.01); **C10M 2207/289** (2013.01); **C10M 2215/08** (2013.01); **C10M 2219/068** (2013.01); **C10N 2030/02** (2013.01); **C10N 2030/06** (2013.01); **C10N 2030/45** (2020.05); **C10N 2030/52** (2020.05); **C10N 2040/25** (2013.01)

C-Set (source: EP)  
**C10M 2219/068** + **C10N 2010/12**

Citation (applicant)  
• US 2007265176 A1 20071115 - POIRIER MARC-ANDRE [CA], et al  
• US 2008015127 A1 20080117 - LOPER JOHN T [US], et al  
• US 6562765 B1 20030513 - BOFFA ALEXANDER B [US]  
• EP 0776959 A2 19970604 - SHELL INT RESEARCH [NL]  
• EP 0668342 A1 19950823 - SHELL INT RESEARCH [NL]  
• WO 9721788 A1 19970619 - EXXON RESEARCH ENGINEERING CO [US]  
• WO 0015736 A2 20000323 - EXXON RESEARCH ENGINEERING CO [US]  
• WO 0014188 A2 20000316 - EXXON RESEARCH ENGINEERING CO [US]  
• WO 0014187 A2 20000316 - EXXON RESEARCH ENGINEERING CO [US]  
• WO 0014183 A1 20000316 - EXXON RESEARCH ENGINEERING CO [US]  
• WO 0014179 A1 20000316 - EXXON RESEARCH ENGINEERING CO [US]  
• WO 0008115 A1 20000217 - EXXON RESEARCH ENGINEERING CO [US]  
• WO 9941332 A1 19990819 - EXXON RESEARCH ENGINEERING CO [US]  
• EP 1029029 A1 20000823 - MOBIL OIL CORP [US]  
• WO 0118156 A1 20010315 - TOTAL RAFFINAGE DISTRIBUTION [FR], et al  
• WO 0157166 A1 20010809 - MOBIL OIL CORP [US]  
• WO 02070631 A2 20020912 - SHELL INT RESEARCH [NL], et al  
• KIRK-OTHEMER: "Encyclopedia of Chemical Technology", vol. 14, pages: 477 - 526

Citation (search report)  
• [E] EP 2080798 A1 20090722 - IDEMITSU KOSAN CO [JP] & WO 2008050681 A1 20080502 - IDEMITSU KOSAN CO [JP], et al  
• [X] US 5356547 A 19941018 - ARAI KATSUYA [JP], et al  
• [X] WO 9637581 A1 19961128 - EXXON RESEARCH ENGINEERING CO [US], et al

Cited by  
EP2441818A1; US9885004B2; US10190072B2

Designated contracting state (EPC)  
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