

Title (en)  
LUBRICANT COMPOSITION FOR A GAS ENGINE

Title (de)  
SCHMIERMITTELZUSAMMENSETZUNG FÜR EINEN GASMOTOR

Title (fr)  
COMPOSITION LUBRIFIANTE POUR MOTEUR A GAZ

Publication  
**EP 3481927 B1 20231227 (FR)**

Application  
**EP 17735149 A 20170706**

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• EP 2017066886 W 20170706

Abstract (en)  
[origin: WO2018007497A1] The invention relates to the use of a lubricant composition comprising at least one mineral base oil and at least one ester selected from among the polyol esters, for lubricating a gas engine.

IPC 8 full level  
**C10M 129/74** (2006.01); **C10M 105/38** (2006.01); **C10M 105/42** (2006.01); **C10M 111/02** (2006.01); **C10M 129/78** (2006.01); **C10M 169/04** (2006.01)

CPC (source: EP KR US)  
**C10M 111/02** (2013.01 - EP KR US); **C10M 129/74** (2013.01 - US); **C10M 143/06** (2013.01 - US); **C10M 161/00** (2013.01 - US); **C10M 169/044** (2013.01 - US); **C10M 2203/003** (2013.01 - US); **C10M 2203/1006** (2013.01 - EP KR US); **C10M 2203/1025** (2013.01 - EP KR US); **C10M 2205/026** (2013.01 - EP KR US); **C10M 2207/023** (2013.01 - EP KR US); **C10M 2207/026** (2013.01 - EP KR US); **C10M 2207/028** (2013.01 - EP KR US); **C10M 2207/283** (2013.01 - US); **C10M 2207/2835** (2013.01 - EP KR US); **C10M 2207/30** (2013.01 - EP KR US); **C10M 2209/084** (2013.01 - EP KR US); **C10M 2215/28** (2013.01 - EP KR US); **C10M 2219/046** (2013.01 - EP KR US); **C10M 2223/045** (2013.01 - EP KR US); **C10N 2030/04** (2013.01 - EP KR US); **C10N 2030/08** (2013.01 - EP KR US); **C10N 2030/10** (2013.01 - EP KR US); **C10N 2030/70** (2020.05 - EP KR US); **C10N 2040/25** (2013.01 - EP KR US); **C10N 2040/255** (2020.05 - US)

C-Set (source: EP US)  
EP  
1. **C10M 2223/045 + C10N 2010/04**  
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3. **C10M 2219/046 + C10N 2010/04**  
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5. **C10M 2209/084 + C10N 2020/02**  
US  
1. **C10M 2203/1025 + C10N 2020/02**  
2. **C10M 2209/084 + C10N 2020/02**  
3. **C10M 2223/045 + C10N 2010/04**  
4. **C10M 2207/028 + C10N 2010/04**  
5. **C10M 2219/046 + C10N 2010/04**

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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2018007497 A1 20180111**; CN 109477020 A 20190315; EP 3481927 A1 20190515; EP 3481927 B1 20231227; FR 3053697 A1 20180112; FR 3053697 B1 20190816; JP 2019520461 A 20190718; JP 2021185245 A 20211209; JP 7203168 B2 20230112; KR 102416394 B1 20220706; KR 20190023066 A 20190307; SG 11201900037P A 20190227; US 11697785 B2 20230711; US 2019203152 A1 20190704

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