

Title (en)  
LUBRICANT COMPOSITION

Title (de)  
SCHMIERMITTELZUSAMMENSETZUNG

Title (fr)  
COMPOSITION LUBRIFIANTE

Publication  
**EP 3409751 A4 20190724 (EN)**

Application  
**EP 17744351 A 20170126**

Priority  
• JP 2016013271 A 20160127  
• JP 2017002825 W 20170126

Abstract (en)  
[origin: EP3409751A1] Provided is a lubricant composition that, even when the viscosity thereof has decreased, can suppress abrasion of bearings, etc. and scoring of gear tooth surfaces, etc. A lubricant composition that contains a lubricant base oil and a sulfur-based extreme pressure agent. The lubricant composition is characterized in that the amount of active sulfur in the extreme pressure agent is 5-30 mass% and in that the extreme pressure agent content of the lubricant composition is 5-15 mass% with respect to the mass of the whole composition.

IPC 8 full level  
**C10M 135/04** (2006.01); **C10M 135/02** (2006.01); **C10N 20/02** (2006.01); **C10N 20/04** (2006.01); **C10N 30/00** (2006.01); **C10N 30/06** (2006.01); **C10N 30/10** (2006.01); **C10N 40/04** (2006.01); **C10N 60/14** (2006.01)

CPC (source: EP US)  
**C10M 107/02** (2013.01 - US); **C10M 135/02** (2013.01 - EP US); **C10M 135/04** (2013.01 - EP US); **C10M 151/04** (2013.01 - US); **C10M 169/04** (2013.01 - US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2205/0285** (2013.01 - EP US); **C10M 2205/173** (2013.01 - EP US); **C10M 2209/023** (2013.01 - US); **C10M 2215/28** (2013.01 - EP US); **C10M 2219/02** (2013.01 - EP US); **C10M 2219/022** (2013.01 - EP US); **C10M 2221/041** (2013.01 - US); **C10M 2223/043** (2013.01 - EP US); **C10M 2223/047** (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 2030/10** (2013.01 - EP US); **C10N 2040/04** (2013.01 - EP US)

C-Set (source: EP US)  
**C10M 2215/28 + C10N 2060/14**

Citation (search report)  
• [I] EP 1785473 A1 20070516 - AFTON CHEMICAL CORP [US]  
• See references of WO 2017131121A1

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)  
**EP 3409751 A1 20181205; EP 3409751 A4 20190724; EP 3409751 B1 20211215**; JP 2017132875 A 20170803; SG 11201806375X A 20180830; US 2019048284 A1 20190214; WO 2017131121 A1 20170803

DOCDB simple family (application)  
**EP 17744351 A 20170126**; JP 2016013271 A 20160127; JP 2017002825 W 20170126; SG 11201806375X A 20170126; US 201716073213 A 20170126