

Title (en)  
GREASE COMPOSITION

Title (de)  
SCHMIERFETTZUSAMMENSETZUNG

Title (fr)  
COMPOSITION DE GRAISSE

Publication  
**EP 2824167 A4 20150923 (EN)**

Application  
**EP 13757298 A 20130301**

Priority  
• JP 2012047750 A 20120305  
• JP 2013055624 W 20130301

Abstract (en)  
[origin: EP2824167A1] Provided is a grease composition that has high lubricity, particularly excellent wear resistance, and shows only a small extent of deterioration in wear resistance with long-term use under high temperatures. The grease composition comprises at least one base oil selected from a mineral oil-based lubricant base oil and a synthetic lubricant base oil, an amide compound, a solid lubricant, and a urea-based thickener, wherein the amide compound is heated and melted at least once with the base oil.

IPC 8 full level  
**C10M 169/00** (2006.01); **C10M 169/06** (2006.01); **C10N 20/02** (2006.01); **C10N 20/06** (2006.01); **C10N 30/06** (2006.01); **C10N 40/02** (2006.01); **C10N 40/04** (2006.01); **C10N 50/10** (2006.01)

CPC (source: EP US)  
**C10M 169/00** (2013.01 - EP US); **C10M 169/06** (2013.01 - EP US); **C10M 2201/061** (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2205/0285** (2013.01 - EP US); **C10M 2213/062** (2013.01 - EP US); **C10M 2215/064** (2013.01 - EP US); **C10M 2215/0813** (2013.01 - EP US); **C10M 2215/1026** (2013.01 - EP US); **C10M 2215/221** (2013.01 - EP US); **C10M 2215/222** (2013.01 - EP US); **C10N 2020/011** (2020.05 - EP US); **C10N 2020/017** (2020.05 - EP US); **C10N 2020/02** (2013.01 - EP US); **C10N 2020/06** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2040/02** (2013.01 - EP US); **C10N 2040/04** (2013.01 - EP US); **C10N 2040/046** (2020.05 - EP US); **C10N 2050/10** (2013.01 - EP US); **C10N 2070/00** (2013.01 - EP US)

Citation (search report)  
• [I] EP 2341121 A1 20110706 - NOK KLUEBER CO LTD [JP]  
• [A] WO 2006114442 A1 20061102 - SHELL INT RESEARCH [NL], et al  
• [A] EP 2000524 A2 20081210 - JAPAN ENERGY CORP [JP]  
• See references of WO 2013133149A1

Designated contracting state (EPC)  
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**EP 2824167 A1 20150114**; **EP 2824167 A4 20150923**; **EP 2824167 B1 20180808**; CN 104160006 A 20141119; JP 2013181156 A 20130912; JP 5931510 B2 20160608; KR 102051688 B1 20191203; KR 20140129350 A 20141106; SG 11201404818T A 20141127; US 2015024981 A1 20150122; WO 2013133149 A1 20130912

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