

Title (en)  
LUBRICATING OIL COMPOSITION

Title (de)  
SCHMIERÖLZUSAMMENSETZUNG

Title (fr)  
COMPOSITION D'HUILE DE GRAISSAGE

Publication  
**EP 3064564 A4 20170712 (EN)**

Application  
**EP 14857806 A 20141030**

Priority  
• JP 2013225391 A 20131030  
• JP 2014078993 W 20141030

Abstract (en)  
[origin: EP3064564A1] Provided is a lubricating oil composition containing (A) 70 mass% or more and 95 mass% or less of a poly- $\pm$ -olefin base oil, (B) 5 mass% or more and 20 mass% or less of an ester-based base oil, and (C) an ester-based defoaming agent, the poly- $\pm$ -olefin base oil (A) being a polymer of an  $\pm$ -olefin having 8 to 12 carbon atoms. The lubricating oil composition is able to keep excellent defoaming performance over a long period of time and is suitable as a step-up gear oil composition for wind power generation.

IPC 8 full level  
**C10M 169/04** (2006.01); **C10M 105/32** (2006.01); **C10M 105/38** (2006.01); **C10M 107/10** (2006.01); **C10M 145/14** (2006.01); **C10N 20/04** (2006.01); **C10N 30/18** (2006.01); **C10N 40/04** (2006.01)

CPC (source: EP US)  
**C10M 105/34** (2013.01 - US); **C10M 107/10** (2013.01 - US); **C10M 129/72** (2013.01 - US); **C10M 145/14** (2013.01 - US); **C10M 169/04** (2013.01 - EP US); **C10M 2203/10** (2013.01 - EP US); **C10M 2203/108** (2013.01 - EP US); **C10M 2205/022** (2013.01 - EP US); **C10M 2205/026** (2013.01 - EP US); **C10M 2205/0285** (2013.01 - EP US); **C10M 2207/2805** (2013.01 - EP US); **C10M 2207/2815** (2013.01 - US); **C10M 2207/282** (2013.01 - US); **C10M 2207/2835** (2013.01 - EP US); **C10M 2209/084** (2013.01 - EP US); **C10M 2215/04** (2013.01 - EP US); **C10M 2219/068** (2013.01 - EP US); **C10M 2223/04** (2013.01 - EP US); **C10M 2223/041** (2013.01 - EP US); **C10M 2223/043** (2013.01 - EP US); **C10M 2229/02** (2013.01 - EP US); **C10N 2020/02** (2013.01 - EP US); **C10N 2020/04** (2013.01 - EP US); **C10N 2030/10** (2013.01 - EP US); **C10N 2030/18** (2013.01 - EP US); **C10N 2040/04** (2013.01 - EP US)

Citation (search report)  
• [XA] US 2010048438 A1 20100225 - CAREY JAMES T [US], et al  
• [XA] US 7988361 B1 20110802 - MORI NATSUHIKO [JP], et al  
• [I] US 2012135903 A1 20120531 - ABE SHOTA [JP], et al  
• [I] US 2011275867 A1 20111110 - OKADA TAHEI [JP]  
• [A] US 3340193 A 19670905 - FIELDS JOSEPH E, et al  
• See references of WO 2015064722A1

Designated contracting state (EPC)  
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