

Title (en)  
LUBRICANT COMPOSITION

Title (de)  
SCHMIERMITTELZUSAMMENSETZUNG

Title (fr)  
COMPOSITION LUBRIFIANTE

Publication  
**EP 3746529 A1 20201209 (EN)**

Application  
**EP 19702383 A 20190128**

Priority  
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Abstract (en)  
[origin: WO2019149645A1] A lubricant composition is prepared having a base oil composition and an additive composition comprising a molybdenum dialkyldithiocarbamate and an organic friction modifier such as an oil-soluble mono-, di- or tri-glyceride of at least one hydroxyl polycarboxylic acid, or a derivative thereof may, especially when used in combination with a base oil composition of a functionally modified poly-alpha-olefin (e.g. alpha-olefin and ester copolymer), a poly-alpha-olefin and optionally an additive carrier such as an alkylated naphthalene. The lubricant composition of the present invention finds particular application as a lubricant composition for robotics and robotic gearboxes, industrial gears and wind turbine gears and especially for gearboxes having a rolling element (such as a spherical bearing or a cylindrical bearing). It provides enhanced longevity, good elastomer compatibility and good anti-wear properties. Embodiments of the invention also demonstrate excellent protection against leaks and sludge.

IPC 8 full level  
**C10M 141/08** (2006.01); **C10M 111/04** (2006.01); **C10N 10/04** (2006.01); **C10N 10/12** (2006.01); **C10N 30/06** (2006.01); **C10N 40/02** (2006.01); **C10N 40/04** (2006.01)

CPC (source: EP US)  
**C10M 107/10** (2013.01 - US); **C10M 111/04** (2013.01 - EP); **C10M 129/34** (2013.01 - US); **C10M 129/36** (2013.01 - US); **C10M 133/16** (2013.01 - US); **C10M 135/18** (2013.01 - US); **C10M 141/08** (2013.01 - EP); **C10M 143/08** (2013.01 - US); **C10M 169/044** (2013.01 - US); **C10M 2205/0285** (2013.01 - EP US); **C10M 2205/223** (2013.01 - EP); **C10M 2207/026** (2013.01 - EP); **C10M 2207/127** (2013.01 - US); **C10M 2207/128** (2013.01 - US); **C10M 2207/282** (2013.01 - EP); **C10M 2207/283** (2013.01 - EP); **C10M 2207/289** (2013.01 - EP); **C10M 2215/064** (2013.01 - EP); **C10M 2215/08** (2013.01 - EP US); **C10M 2219/068** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP); **C10N 2010/04** (2013.01 - EP); **C10N 2010/12** (2013.01 - US); **C10N 2020/02** (2013.01 - US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/36** (2020.05 - EP); **C10N 2030/40** (2020.05 - EP US); **C10N 2040/02** (2013.01 - EP US); **C10N 2040/04** (2013.01 - EP US)

Citation (search report)  
See references of WO 2019149645A1

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