

Title (en)  
LITHIUM COMPLEX GREASE WITH IMPROVED THICKENER YIELD

Title (de)  
LITHIUMKOMPLEX-SCHMIERFETT MIT ERHÖHTEM VERDICKUNGSMITTEL-ERTRAG

Title (fr)  
GRAISSE COMPLEXE AU LITHIUM AYANT UN RENDEMENT ÉPAISSISSANT AMÉLIORÉ

Publication  
**EP 2588583 A4 20140108 (EN)**

Application  
**EP 11803960 A 20110502**

Priority

- US 82715110 A 20100630
- US 2011034750 W 20110502

Abstract (en)  
[origin: US2012004153A1] Provided is an improved lithium complex grease. The grease composition has a higher thickener yield, yet good mechanical properties. The grease composition comprises a lubricating oil, a lithium complex thickener and a copolymer, which in one embodiment may comprise styrene and butadiene.

IPC 8 full level  
**C10M 169/02** (2006.01); **C10M 117/00** (2006.01); **C10M 117/02** (2006.01); **C10M 117/04** (2006.01); **C10M 119/00** (2006.01); **C10M 123/04** (2006.01); **C10N 40/02** (2006.01); **C10N 40/04** (2006.01); **C10N 50/10** (2006.01)

CPC (source: EP KR US)  
**C10M 117/00** (2013.01 - EP KR US); **C10M 117/02** (2013.01 - EP US); **C10M 117/04** (2013.01 - EP US); **C10M 119/00** (2013.01 - KR); **C10M 123/04** (2013.01 - KR); **C10M 169/02** (2013.01 - KR); **C10M 169/06** (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2203/108** (2013.01 - EP US); **C10M 2203/1085** (2013.01 - EP US); **C10M 2205/022** (2013.01 - EP US); **C10M 2205/024** (2013.01 - EP US); **C10M 2205/026** (2013.01 - EP US); **C10M 2205/04** (2013.01 - EP US); **C10M 2205/06** (2013.01 - EP US); **C10M 2207/022** (2013.01 - EP US); **C10M 2207/1256** (2013.01 - EP US); **C10M 2207/1265** (2013.01 - EP US); **C10M 2207/1276** (2013.01 - EP US); **C10M 2207/1285** (2013.01 - EP US); **C10M 2207/16** (2013.01 - EP US); **C10M 2219/044** (2013.01 - EP US); **C10N 2010/02** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2040/02** (2013.01 - EP US); **C10N 2040/04** (2013.01 - EP US); **C10N 2050/10** (2013.01 - EP US)

Citation (search report)

- [X] US 3929651 A 19751230 - MURRAY DONALD W, et al
- [XY] EP 0629689 A2 19941221 - EXXON RESEARCH ENGINEERING CO [US]
- [XY] US 5116522 A 19920526 - BROWN TERRANCE O [CA], et al
- See references of WO 2012005799A2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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DOCDB simple family (application)  
**US 82715110 A 20100630**; AU 2011276982 A 20110502; CA 2801532 A 20110502; CN 201180032027 A 20110502; EP 11803960 A 20110502; JP 2013518389 A 20110502; KR 20137002571 A 20110502; MX 2012014546 A 20110502; US 2011034750 W 20110502