

Title (en)
Calcium/lithium complex greases, capsuled constant velocity joint containing such lubricant greases, use of same and method for producing same

Title (de)
Calcium/Lithium -Komplexfette, gekapseltes Gleichlaufgelenk enthaltend derartige Schmierfette, deren Verwendung und Verfahren zu deren Herstellung

Title (fr)
Graisses complexes de calcium/lithium, joints de transmission homocinétiques encapsulés comprenant de telles graisses de lubrification, leur utilisation et leur procédé de fabrication

Publication
EP 2154229 B1 20190102 (DE)

Application
EP 09009621 A 20090724

Priority
DE 102008034959 A 20080725

Abstract (en)
[origin: EP2154229A2] Calcium/lithium-complex grease-composition (I) comprises: at least base oil; at least one additive; at least one thickener, where the thickener is a complex soap containing a calcium/lithium soap and at least one complexing agent; and excessive calcium hydroxide, where the composition has a calcium to lithium molar ratio of 1-5 to 1. An independent claim is included for a constant velocity joints having an encapsulation in a lubrication point, where the encapsulation comprises a thermoplastic elastomer comprising ester bonds or (I).

IPC 8 full level
C10M 117/02 (2006.01); **C07C 51/41** (2006.01); **C10M 117/04** (2006.01); **C10M 117/06** (2006.01); **C10M 121/04** (2006.01); **C10N 10/02** (2006.01); **C10N 10/04** (2006.01); **C10N 40/04** (2006.01); **C10N 50/10** (2006.01)

CPC (source: EP US)
C10M 117/02 (2013.01 - EP US); **C10M 117/04** (2013.01 - EP US); **C10M 117/06** (2013.01 - EP US); **C10M 121/04** (2013.01 - EP US); **C10M 2201/0856** (2013.01 - EP US); **C10M 2201/0876** (2013.01 - EP US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2203/1065** (2013.01 - EP US); **C10M 2207/1225** (2013.01 - EP US); **C10M 2207/1236** (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 2207/2613** (2013.01 - EP US); **C10N 2010/02** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US); **C10N 2020/02** (2013.01 - EP US); **C10N 2030/36** (2020.05 - EP US); **C10N 2030/68** (2020.05 - EP US); **C10N 2040/046** (2020.05 - EP US); **C10N 2050/10** (2013.01 - EP US)

Citation (examination)
• US 2929782 A 19600322 - SPROULE LORNE W, et al
• WO 9602615 A1 19960201 - KYODO YUSHI [JP]

Cited by
CN107207989A; RU2717349C2; WO2014096258A1; WO2016124653A1; US10752859B2; EP2462209B1

Designated contracting state (EPC)
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 SE SI SK SM TR

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DOCDB simple family (application)
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