

Title (en)
GREASE COMPOSITION

Title (de)
SCHMIERFETTZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE GRAISSE

Publication
EP 2935539 A1 20151028 (EN)

Application
EP 13811953 A 20131219

Priority
• JP 2012279391 A 20121221
• EP 2013077491 W 20131219

Abstract (en)
[origin: WO2014096258A1] A grease composition comprising base oil and as thickener calcium complex soap and lithium soap is disclosed. A higher fatty acid, an aromatic monocarboxylic acid and a lower fatty acid are used as carboxylic acids constituting the calcium complex soap and lithium soap. The grease composition has a high dropping point and excellent shear stability, and exhibits thermal stability and long bearing life.

IPC 8 full level
C10M 129/26 (2006.01)

CPC (source: EP US)
C10M 123/02 (2013.01 - US); **C10M 129/26** (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2205/0285** (2013.01 - EP US); **C10M 2207/1225** (2013.01 - EP US); **C10M 2207/1265** (2013.01 - EP US); **C10M 2207/1285** (2013.01 - EP US); **C10M 2207/1415** (2013.01 - EP US); **C10N 2010/02** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/10** (2013.01 - EP US); **C10N 2030/74** (2020.05 - EP US); **C10N 2040/02** (2013.01 - EP US); **C10N 2050/10** (2013.01 - EP US)

C-Set (source: EP US)
C10M 2203/1025 + **C10N 2020/02**

Citation (search report)
See references of WO 2014096258A1

Cited by
US11220650B2; WO2019068589A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014096258 A1 20140626; BR 112015014520 A2 20170711; BR 112015014520 B1 20201215; CN 104870620 A 20150826; CN 104870620 B 20171124; EP 2935539 A1 20151028; EP 2935539 B1 20170503; JP 2014122282 A 20140703; JP 6072532 B2 20170201; KR 102127029 B1 20200626; KR 20150099565 A 20150831; US 2015315509 A1 20151105

DOCDB simple family (application)
EP 2013077491 W 20131219; BR 112015014520 A 20131219; CN 201380067255 A 20131219; EP 13811953 A 20131219; JP 2012279391 A 20121221; KR 20157019030 A 20131219; US 201314653360 A 20131219