

Title (en)
LUBRICANT COMPOSITIONS CONTAINING COMPLEX ESTERS

Title (de)
SCHMIERSTOFFZUSAMMENSETZUNGEN EINTHALTEND KOMPLEXESTER

Title (fr)
COMPOSITIONS DE LUBRIFIANTS CONTENANT DES ESTERS COMPLEXES

Publication
EP 2027234 B1 20180131 (DE)

Application
EP 07725786 A 20070602

Priority

- EP 2007004908 W 20070602
- DE 102006027602 A 20060613

Abstract (en)
[origin: CA2655040A1] Proposed are lubricant compounds with a good shear stability defined by the loss of the kinematic viscosity at 100 °C, containing base oil and a synthetic complex ester, the complex ester having a kinematic viscosity at 40 °C of greater than 400 and up to 50,000 mm²/s and being obtained by conversion of a) polyols and monocarbonic acids and dicarbonic acids, or of b) polyols and mono-alcohols and dicarbonic acids, or of c) polyols and mono-alcohols and monocarbonic acids and dicarbonic acids. In addition the use of the said lubricant compounds containing the complex esters as oils for vehicle transmission, axles, industrial drives, compressors, turbines or engines is proposed.

IPC 8 full level
C10M 105/42 (2006.01); **C10M 111/02** (2006.01); **C10M 129/78** (2006.01); **C10M 169/04** (2006.01); **C10N 20/02** (2006.01); **C10N 40/04** (2006.01); **C10N 40/08** (2006.01); **C10N 40/12** (2006.01); **C10N 40/25** (2006.01); **C10N 40/30** (2006.01)

CPC (source: EP KR US)
C10M 105/42 (2013.01 - EP US); **C10M 111/02** (2013.01 - EP US); **C10M 129/78** (2013.01 - EP KR US); **C10M 169/04** (2013.01 - EP KR US); **C10M 169/044** (2013.01 - EP US); **C10M 169/048** (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2205/0285** (2013.01 - EP US); **C10M 2207/282** (2013.01 - EP US); **C10M 2207/30** (2013.01 - EP US); **C10M 2207/301** (2013.01 - EP US); **C10M 2209/084** (2013.01 - EP US); **C10M 2209/086** (2013.01 - EP US); **C10N 2020/02** (2013.01 - EP US); **C10N 2020/071** (2020.05 - EP US); **C10N 2030/02** (2013.01 - KR); **C10N 2030/68** (2020.05 - EP US); **C10N 2040/04** (2013.01 - EP KR US); **C10N 2040/08** (2013.01 - EP US); **C10N 2040/12** (2013.01 - EP US); **C10N 2040/135** (2020.05 - EP US); **C10N 2040/25** (2013.01 - EP US); **C10N 2040/252** (2020.05 - EP US); **C10N 2040/255** (2020.05 - EP US); **C10N 2040/26** (2013.01 - EP US); **C10N 2040/30** (2013.01 - EP US)

Cited by
EP2345710A1; WO2011085969A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

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DE 102006027602 A1 20071220; AU 2007260340 A1 20071221; AU 2007260340 B2 20111215; BR PI0713592 A2 20121106; CA 2655040 A1 20071221; CN 101466817 A 20090624; CN 101466817 B 20130612; EP 2027234 A2 20090225; EP 2027234 B1 20180131; HK 1129235 A1 20091120; JP 2009540070 A 20091119; KR 20090016703 A 20090217; MX 2008014259 A 20081126; US 2009186787 A1 20090723; WO 2007144079 A2 20071221; WO 2007144079 A3 20080228

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