

Title (en)

GREASE COMPOSITION FOR USE IN CONSTANT VELOCITY JOINTS COMPRISING AT LEAST TWO DIFFERENT MOLYBDENUM COMPOUNDS

Title (de)

SCHMIERFETTZUSAMMENSETZUNG FÜR DOPPELGELENKE, DIE MINDESTENS ZWEI VERSCHIEDENE MOLYBDÄNVERBINDUNGEN ENTHÄLT

Title (fr)

COMPOSITION DE GRAISSE POUR LIAISONS HOMOCINÉTIQUES FONCTIONNANT À VITESSE CONSTANTE, COMPRENANT AU MOINS DEUX COMPOSÉS DE MOLYBDÈNE DIFFÉRENTS

Publication

EP 2069463 A1 20090617 (EN)

Application

EP 06792401 A 20061007

Priority

EP 2006009717 W 20061007

Abstract (en)

[origin: WO2008040382A1] In order to provide for a grease composition reducing or preventing noise, vibration and harshness (NVH) in the driveline, a grease composition for use in constant velocity joints is suggested, comprising a) a base oil composition; b) at least one tri-nuclear molybdenum compound of the formula $\text{Mo}_3\text{S}_k\text{L}_n\text{Q}_2$, wherein L are independently selected ligands having organo groups with a sufficient number of carbon atoms to render the compound soluble or dispersible in the oil, n is from 1 to 4, k varies from 4 through 7, Q is selected from the group of neutral electron donating compounds such as amines, alcohols, phosphines, and ethers, and z ranges from 0 to 5 and includes non-stoichiometric values. c) at least one further molybdenum containing compound; and d) at least one simple and/or complex soap thickener.

IPC 8 full level

C10M 169/06 (2006.01); **C10N 30/06** (2006.01); **C10N 40/04** (2006.01)

CPC (source: EP KR US)

C10M 113/08 (2013.01 - KR); **C10M 125/12** (2013.01 - KR); **C10M 169/06** (2013.01 - EP US); **C10M 2207/106** (2013.01 - EP US); **C10M 2219/00** (2013.01 - EP US); **C10M 2219/044** (2013.01 - EP US); **C10M 2219/0445** (2013.01 - EP US); **C10M 2219/068** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10M 2227/09** (2013.01 - EP US); **C10N 2010/02** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US); **C10N 2010/12** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP KR US); **C10N 2030/76** (2020.05 - EP US); **C10N 2040/046** (2020.05 - EP US); **C10N 2050/10** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2008040382A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008040382 A1 20080410; BR PI0622181 A2 20111227; CN 101511986 A 20090819; EP 2069463 A1 20090617; KR 101267758 B1 20130523; KR 20090086949 A 20090814; US 2009247437 A1 20091001

DOCDB simple family (application)

EP 2006009717 W 20061007; BR PI0622181 A 20061007; CN 200680056013 A 20061007; EP 06792401 A 20061007; KR 20097007850 A 20061007; US 41969409 A 20090407