

Title (en)

GREASE COMPOSITION FOR USE IN CONSTANT VELOCITY JOINTS COMPRISING AT LEAST ONE TRI-NUCLEAR MOLYBDENUM COMPOUND

Title (de)

SCHMIERFETTZUSAMMENSETZUNG FÜR DOPPELGELENKE, DIE MINDESTENS EINE DREIKERNIGE MOLYBDÄNVERBINDUNG ENTHÄLT

Title (fr)

COMPOSITION DE GRAISSE DESTINÉE À DES LIAISONS JOINTS HOMOCINÉTIQUES FONCTIONNANT À VITESSE CONSTANTE, COMPRENANT AU MOINS UN COMPOSÉ MOLYBDÈNE TRI-NUCLÉAIRE

Publication

EP 2069462 A1 20090617 (EN)

Application

EP 06806103 A 20061007

Priority

EP 2006009716 W 20061007

Abstract (en)

[origin: WO2008040381A1] To solve the problem to provide for a new grease composition giving low wear and low friction primarily to constant velocity joints, a grease composition is suggested comprising a) a base oil composition; and b) 0,25 % by weight to 5 % by weight of at least one tri-nuclear molybdenum compound of the formula $\text{Mo}_{\text{L}}\text{S}_{\text{k}}\text{L}_{\text{n}}\text{Q}_{\text{Z1}}$ wherein L are independently selected legends 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 though 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.

IPC 8 full level

C10M 159/18 (2006.01); **C10M 169/06** (2006.01); **C10N 30/06** (2006.01)

CPC (source: EP KR US)

C10M 159/18 (2013.01 - EP KR US); **C10M 169/06** (2013.01 - EP KR US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2203/1065** (2013.01 - EP US); **C10M 2205/0206** (2013.01 - EP US); **C10M 2207/106** (2013.01 - EP US); **C10M 2207/2805** (2013.01 - EP US); **C10M 2215/1026** (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 2008040381A1

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 2008040381 A1 20080410; **WO 2008040381 A8 20090716**; BR PI0622179 A2 20111227; CN 101583701 A 20091118; EP 2069462 A1 20090617; KR 101124974 B1 20120327; KR 20090089846 A 20090824; US 2009247435 A1 20091001

DOCDB simple family (application)

EP 2006009716 W 20061007; BR PI0622179 A 20061007; CN 200680056024 A 20061007; EP 06806103 A 20061007; KR 20097007849 A 20061007; US 41960909 A 20090407