

Title (en)  
LUBRICATING COMPOSITIONS CONTAINING SYNTHETIC ESTER BASE OIL, MOLYBDENUM COMPOUNDS AND THIADIAZOLE-BASED COMPOUNDS

Title (de)  
SCHMIERMITTEL, ENTHALTEND SYNTHETISCHES ESTERGRUNDÖL, MOLYBDÄNVERBINDUNGEN UND VERBINDUNGEN AUF THIADIAZOL-BASIS

Title (fr)  
COMPOSITIONS LUBRIFIANTES CONTENANT DE L'HUILE DE BASE D'ESTER SYNTHETIQUE, DES COMPOSES DE MOLYBDENE ET DES COMPOSES A BASE DE THIADIAZOLE

Publication  
**EP 1673422 A1 20060628 (EN)**

Application  
**EP 04794562 A 20041008**

Priority

- US 2004033246 W 20041008
- US 51051303 P 20031010
- US 51915103 P 20031112

Abstract (en)  
[origin: WO2005035700A1] A lubricating composition providing excellent anti-wear protection for corrosion-resistant materials which comprises a major amount of a synthetic ester base oil, and a minor amount of a molybdenum compound and an anti-wear additive selected from the group consisting of 1,3,4-thiadiazole derivatives as an anti-wear additive, the reaction products of 2,5-dimercapto-1,3,4-thiadiazole dimers and poly(ether)glycols, and 2,5-dimercapto-1,3,4-thiadiazole monomer and mixtures thereof. Also described is a method for imparting anti-wear properties to a corrosion resistant material, comprising using the lubricating composition of the invention.

IPC 1-7  
**C10M 135/36**; C10M 139/00

IPC 8 full level  
**C10M 135/00** (2006.01); **C10M 135/36** (2006.01); **C10M 139/00** (2006.01); **C10M 141/10** (2006.01); **C10M 161/00** (2006.01); **C10M 169/04** (2006.01); C10N 10/12 (2006.01); C10N 30/06 (2006.01); C10N 40/12 (2006.01); C10N 50/10 (2006.01); C10N 70/00 (2006.01)

CPC (source: EP)  
**C10M 135/00** (2013.01); **C10M 141/10** (2013.01); **C10M 161/00** (2013.01); **C10M 169/04** (2013.01); **C10M 169/044** (2013.01); C10M 2207/0285 (2013.01); C10M 2207/2835 (2013.01); C10M 2209/103 (2013.01); C10M 2209/105 (2013.01); C10M 2219/068 (2013.01); C10M 2219/106 (2013.01); C10M 2221/043 (2013.01); C10M 2223/045 (2013.01); C10N 2010/12 (2013.01); C10N 2030/06 (2013.01); C10N 2040/12 (2013.01); C10N 2040/13 (2013.01); C10N 2050/10 (2013.01); C10N 2060/10 (2013.01); C10N 2070/02 (2020.05)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005035700 A1 20050421**; EP 1673422 A1 20060628; EP 1673422 A4 20091230; JP 2007507600 A 20070329

DOCDB simple family (application)  
**US 2004033246 W 20041008**; EP 04794562 A 20041008; JP 2006534382 A 20041008