

Title (en)
LUBRICATION OIL COMPOSITION

Title (de)
SCHMIERMITTELZUSAMMENSETZUNGEN

Title (fr)
COMPOSITION D'HUILE LUBRIFIANTE

Publication
EP 0731829 A4 19970122 (EN)

Application
EP 95904189 A 19941129

Priority
• JP 32972193 A 19931130
• US 9413767 W 19941129

Abstract (en)
[origin: WO9515368A1] A lubricating oil composition comprising a basestock oil and, based on the oil composition, (A) 0.01 to 10 % by weight of oxymolybdenum monoglyceride or oxymolybdenum diethylate amide and (B) 0.5 to 7 % by weight of a metal dithiocarbamate represented by general formula (I), where M represents metal such as zinc, R<1> to R<4> represent C1-C30 oleophilic group at least one of which is a secondary oleophilic group. The composition may also contain (C) 0.01 to 5 % by weight of an organic amide compound. The lubricating oil composition is excellent in wear resistance, exhibiting a low coefficient of friction, capable of improving fuel economy and improved for copper corrosiveness, as well as capable of providing a low coefficient of friction already from the initial stage of operation.

IPC 1-7
C10M 137/00

IPC 8 full level
C10M 141/12 (2006.01); **C10M 163/00** (2006.01); **C10N 10/02** (2006.01); **C10N 10/04** (2006.01); **C10N 10/08** (2006.01); **C10N 10/10** (2006.01); **C10N 10/12** (2006.01); **C10N 10/16** (2006.01); **C10N 30/06** (2006.01); **C10N 30/12** (2006.01); **C10N 40/04** (2006.01); **C10N 40/06** (2006.01); **C10N 40/08** (2006.01)

CPC (source: EP US)
C10M 129/10 (2013.01 - EP); **C10M 133/12** (2013.01 - EP); **C10M 133/16** (2013.01 - EP); **C10M 133/44** (2013.01 - EP); **C10M 133/56** (2013.01 - EP); **C10M 135/10** (2013.01 - EP); **C10M 135/18** (2013.01 - EP); **C10M 159/18** (2013.01 - EP); **C10M 159/24** (2013.01 - EP); **C10M 163/00** (2013.01 - EP US); **C10M 2205/00** (2013.01 - EP); **C10M 2205/026** (2013.01 - EP); **C10M 2205/06** (2013.01 - EP); **C10M 2207/023** (2013.01 - EP); **C10M 2207/024** (2013.01 - EP); **C10M 2207/026** (2013.01 - EP); **C10M 2207/027** (2013.01 - EP); **C10M 2207/028** (2013.01 - EP); **C10M 2207/09** (2013.01 - EP); **C10M 2207/123** (2013.01 - EP); **C10M 2207/129** (2013.01 - EP); **C10M 2207/144** (2013.01 - EP); **C10M 2207/146** (2013.01 - EP); **C10M 2207/22** (2013.01 - EP); **C10M 2207/262** (2013.01 - EP); **C10M 2207/288** (2013.01 - EP); **C10M 2209/084** (2013.01 - EP); **C10M 2215/04** (2013.01 - EP); **C10M 2215/042** (2013.01 - EP); **C10M 2215/06** (2013.01 - EP); **C10M 2215/064** (2013.01 - EP); **C10M 2215/065** (2013.01 - EP); **C10M 2215/066** (2013.01 - EP); **C10M 2215/067** (2013.01 - EP); **C10M 2215/068** (2013.01 - EP); **C10M 2215/08** (2013.01 - EP); **C10M 2215/082** (2013.01 - EP); **C10M 2215/086** (2013.01 - EP); **C10M 2215/12** (2013.01 - EP); **C10M 2215/122** (2013.01 - EP); **C10M 2215/22** (2013.01 - EP); **C10M 2215/221** (2013.01 - EP); **C10M 2215/223** (2013.01 - EP); **C10M 2215/225** (2013.01 - EP); **C10M 2215/226** (2013.01 - EP); **C10M 2215/26** (2013.01 - EP); **C10M 2215/28** (2013.01 - EP); **C10M 2215/30** (2013.01 - EP); **C10M 2217/046** (2013.01 - EP); **C10M 2217/06** (2013.01 - EP); **C10M 2219/044** (2013.01 - EP); **C10M 2219/046** (2013.01 - EP); **C10M 2219/066** (2013.01 - EP); **C10M 2219/068** (2013.01 - EP); **C10M 2219/10** (2013.01 - EP); **C10M 2219/102** (2013.01 - EP); **C10M 2219/104** (2013.01 - EP); **C10M 2219/106** (2013.01 - EP); **C10M 2223/045** (2013.01 - EP); **C10M 2227/061** (2013.01 - EP); **C10M 2227/09** (2013.01 - EP); **C10M 2229/02** (2013.01 - EP); **C10M 2229/05** (2013.01 - EP); **C10N 2010/02** (2013.01 - EP); **C10N 2010/04** (2013.01 - EP); **C10N 2010/08** (2013.01 - EP); **C10N 2010/10** (2013.01 - EP); **C10N 2010/12** (2013.01 - EP); **C10N 2010/14** (2013.01 - EP); **C10N 2010/16** (2013.01 - EP US)

Citation (search report)
• [Y] EP 0113045 A1 19840711 - HONDA MOTOR CO LTD [JP], et al
• [A] EP 0562172 A1 19930929 - IDEMITSU KOSAN CO [JP]
• [Y] PATENT ABSTRACTS OF JAPAN vol. 017, no. 617 (C - 1129) 15 November 1993 (1993-11-15)
• See references of WO 9515368A1

Cited by
US9920275B2; US10246661B2; US9447351B2

Designated contracting state (EPC)
BE DE FR GB IT NL

DOCDB simple family (publication)
WO 9515368 A1 19950608; CA 2174931 A1 19950608; EP 0731829 A1 19960918; EP 0731829 A4 19970122; JP H07150177 A 19950613

DOCDB simple family (application)
US 9413767 W 19941129; CA 2174931 A 19941129; EP 95904189 A 19941129; JP 32972193 A 19931130