

Title (en)
LUBRICATING OIL COMPOSITION

Title (de)
SCHMIERÖLZUSAMMENSETZUNG

Title (fr)
COMPOSITION D'HUILE LUBRIFIANTE

Publication
EP 2092046 A1 20090826 (EN)

Application
EP 08701644 A 20080123

Priority
• EP 2008050763 W 20080123
• JP 2007012784 A 20070123

Abstract (en)
[origin: WO2008090179A1] The present invention aims to provide a lubricating oil composition capable of use in for example the bearings of a high-speed main shaft having ceramics ball antifriction bearings operating under severe conditions of high speed and high load. To this end the present invention provides a lubricating oil composition, in particular for lubrication of ceramics, comprising a base oil; and at least one additive selected from the group consisting of : (i) an acid amide obtainable by reacting an amine with a saturated monocarboxylic acid having from 12 to 30 carbons or an unsaturated monocarboxylic acid having from 18 to 24 carbons; (ii) sarcosinic acid; and (iii) an aspartic acid derivative.

IPC 8 full level
C10M 141/08 (2006.01); **C10M 141/10** (2006.01); **C10M 161/00** (2006.01); **C10M 169/04** (2006.01)

CPC (source: EP US)
C10M 141/08 (2013.01 - EP US); **C10M 141/10** (2013.01 - EP US); **C10M 161/00** (2013.01 - EP US); **C10M 169/04** (2013.01 - EP US); **C10M 169/041** (2013.01 - EP US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2205/0206** (2013.01 - EP US); **C10M 2205/173** (2013.01 - EP US); **C10M 2207/026** (2013.01 - EP US); **C10M 2207/34** (2013.01 - EP US); **C10M 2215/04** (2013.01 - EP US); **C10M 2215/064** (2013.01 - EP US); **C10M 2215/08** (2013.01 - EP US); **C10M 2217/044** (2013.01 - EP US); **C10M 2217/046** (2013.01 - EP US); **C10M 2219/044** (2013.01 - EP US); **C10M 2219/068** (2013.01 - EP US); **C10M 2223/043** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10M 2223/047** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/12** (2013.01 - EP US); **C10N 2040/00** (2013.01 - EP US); **C10N 2040/02** (2013.01 - EP US)

Citation (search report)
See references of WO 2008090179A1

Designated contracting state (EPC)
NL

DOCDB simple family (publication)
WO 2008090179 A1 20080731; CN 101568627 A 20091028; EP 2092046 A1 20090826; JP 2008179669 A 20080807; JP 5237562 B2 20130717; US 2010009878 A1 20100114

DOCDB simple family (application)
EP 2008050763 W 20080123; CN 200880001328 A 20080123; EP 08701644 A 20080123; JP 2007012784 A 20070123; US 44763908 A 20080123