

Title (en)
LUBRICATING COMPOSITION CONTAINING ASHFREE ANTIWEAR AGENT BASED ON TARTARIC ACID DERIVATIVE AND A MOLYBDENUM COMPOUND

Title (de)
SCHMIERMITTELZUSAMMENSETZUNG MIT ASCHEFREIEM VERSCHLEISSSCHUTZMITTEL AUF DER BASIS EINES WEINSÄUREDÉRIVATS UND EINER MOLYBDÄNVERBINDUNG

Title (fr)
COMPOSITION LUBRIFIANTE CONTENANT UN AGENT ANTI-USURE À BASE D'UN DÉRIVÉ D'ACIDE TARTARIQUE ET D'UN COMPOSÉ MOLYBDIQUE

Publication
EP 2152838 B1 20121017 (EN)

Application
EP 08755509 A 20080515

Priority
• US 2008063671 W 20080515
• US 93994907 P 20070524

Abstract (en)
[origin: WO2008147704A1] The invention provides a lubricating composition containing an oil of lubricating viscosity, an oil soluble molybdenum compound, and an ashless antiwear agent. The invention further provides for a new antioxidant. The lubricating composition is suitable for lubricating an internal combustion engine.

IPC 8 full level
C10M 141/12 (2006.01); **C10M 129/76** (2006.01)

CPC (source: EP KR US)
C10M 129/72 (2013.01 - KR); **C10M 129/76** (2013.01 - KR); **C10M 141/12** (2013.01 - EP KR US); **C10M 2207/028** (2013.01 - EP US); **C10M 2207/10** (2013.01 - EP US); **C10M 2207/24** (2013.01 - EP US); **C10M 2207/262** (2013.01 - EP US); **C10M 2207/281** (2013.01 - EP US); **C10M 2207/289** (2013.01 - EP US); **C10M 2215/02** (2013.01 - EP US); **C10M 2215/08** (2013.01 - EP US); **C10M 2215/082** (2013.01 - EP US); **C10M 2215/086** (2013.01 - EP US); **C10M 2215/224** (2013.01 - EP US); **C10M 2215/28** (2013.01 - EP US); **C10M 2219/046** (2013.01 - EP US); **C10M 2219/062** (2013.01 - EP US); **C10M 2219/068** (2013.01 - EP US); **C10M 2219/089** (2013.01 - EP US); **C10M 2223/043** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP KR US); **C10N 2030/10** (2013.01 - EP US); **C10N 2030/42** (2020.05 - EP US); **C10N 2030/43** (2020.05 - EP US); **C10N 2030/45** (2020.05 - EP US); **C10N 2040/25** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008147704 A1 20081204; CA 2688098 A1 20081204; CA 2688098 C 20160419; CN 101679900 A 20100324; EP 2152838 A1 20100217; EP 2152838 B1 20121017; EP 2463358 A1 20120613; EP 2463358 B1 20150715; JP 2010528156 A 20100819; KR 101496484 B1 20150309; KR 20100019539 A 20100218; US 2010197536 A1 20100805

DOCDB simple family (application)
US 2008063671 W 20080515; CA 2688098 A 20080515; CN 200880017335 A 20080515; EP 08755509 A 20080515; EP 12158486 A 20080515; JP 2010509454 A 20080515; KR 20097027028 A 20080515; US 59810408 A 20080515