

Title (en)
METHOD OF VISCOSITY CONTROL

Title (de)
VERFAHREN ZUR REGULIERUNG DER VISKOSITÄT

Title (fr)
PROCEDE DE REGULATION DE VISCOSITE

Publication
EP 1844128 A1 20071017 (EN)

Application
EP 05853765 A 20051213

Priority
• US 2005044925 W 20051213
• US 63843704 P 20041222

Abstract (en)
[origin: WO2006068866A1] This invention relates to a method of lubricating an internal combustion engine comprising at least one of a crankcase, a gear and a wet-clutch, said method comprising supplying to said crankcase, gear and wet-clutch a lubricating composition comprising: (a) an oil of lubricating viscosity; and (b) a viscosity modifier with a number average molecular weight from 1000 to 75,000, wherein the lubricating composition has a SAE viscosity grade from XW-Y, wherein X is from 0 to 20 and Y is from 20 to 50; and wherein the lubricating composition has a phosphorus content from a metal hydrocarbyl dithiophosphate of 0.12 wt % or less.

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

CPC (source: EP US)
C10M 143/00 (2013.01 - EP US); **C10M 145/14** (2013.01 - EP US); **C10M 149/02** (2013.01 - EP US); **C10M 161/00** (2013.01 - EP US); **C10M 169/044** (2013.01 - EP US); **C10M 2205/02** (2013.01 - EP US); **C10M 2205/04** (2013.01 - EP US); **C10M 2209/084** (2013.01 - EP US); **C10M 2217/02** (2013.01 - EP US); **C10N 2020/02** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/42** (2020.05 - EP US); **C10N 2030/68** (2020.05 - EP US); **C10N 2040/04** (2013.01 - EP US); **C10N 2040/255** (2020.05 - EP US); **F01M 9/02** (2013.01 - EP US)

Citation (search report)
See references of WO 2006068866A1

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

DOCDB simple family (publication)
WO 2006068866 A1 20060629; WO 2006068866 A9 20080221; CN 101120077 A 20080206; CN 101120077 B 20120704; EP 1844128 A1 20071017; EP 1844128 B1 20171108; ES 2648996 T3 20180109; JP 2008525583 A 20080717; JP 5004237 B2 20120822; US 2008096778 A1 20080424; US 2010212624 A1 20100826

DOCDB simple family (application)
US 2005044925 W 20051213; CN 200580048298 A 20051213; EP 05853765 A 20051213; ES 05853765 T 20051213; JP 2007548277 A 20051213; US 72236805 A 20051213; US 77315010 A 20100504