

Title (en)
Engine oil composition

Title (de)
Motorölsammensetzung

Title (fr)
Composition d'huile moteur

Publication
EP 1111028 A1 20010627 (EN)

Application
EP 00850216 A 20001220

Priority
JP 36544599 A 19991222

Abstract (en)
Engine oil compositions comprise (A) a lubricating base oil having a kinematic viscosity at 100 DEG C of 2 to 6 mm²/s, a viscosity index of 120 or more, and a total aromatics content of 15 percent by mass or less and (B) a polymethacrylate-based viscosity index improver in such an amount that the composition has a kinematic viscosity at 100 DEG C of 4.0 to 9.3 mm²/s. Disclosed are also engine oil compositions which comprise (A) a lubricating base oil having a kinematic viscosity at 100 DEG C of 2 to 6 mm²/s, a viscosity index of 120 or more, and a total aromatics content of 15 percent by mass or less; (B) a polymethacrylate-based viscosity index improver in such an amount that the composition has a kinematic viscosity at 100 DEG C of 4.0 to 9.3 mm²/s; and (C) molybdenum dithiocarbamate.

IPC 1-7
C10M 169/04

IPC 8 full level
C10M 161/00 (2006.01); **C10M 169/04** (2006.01); **C10N 20/02** (2006.01); **C10N 30/00** (2006.01); **C10N 30/02** (2006.01); **C10N 30/06** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP US)
C10M 101/02 (2013.01 - EP US); **C10M 105/06** (2013.01 - EP US); **C10M 105/36** (2013.01 - EP US); **C10M 105/38** (2013.01 - EP US); **C10M 107/08** (2013.01 - EP US); **C10M 107/10** (2013.01 - EP US); **C10M 135/18** (2013.01 - EP US); **C10M 145/14** (2013.01 - EP US); **C10M 169/044** (2013.01 - EP US); **C10M 2203/06** (2013.01 - EP US); **C10M 2203/065** (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2203/1045** (2013.01 - EP US); **C10M 2203/1065** (2013.01 - EP US); **C10M 2205/028** (2013.01 - EP US); **C10M 2205/026** (2013.01 - EP US); **C10M 2205/0265** (2013.01 - EP US); **C10M 2205/0285** (2013.01 - EP US); **C10M 2207/281** (2013.01 - EP US); **C10M 2207/282** (2013.01 - EP US); **C10M 2207/2825** (2013.01 - EP US); **C10M 2207/283** (2013.01 - EP US); **C10M 2207/2835** (2013.01 - EP US); **C10M 2207/2855** (2013.01 - EP US); **C10M 2207/286** (2013.01 - EP US); **C10M 2207/34** (2013.01 - EP US); **C10M 2209/084** (2013.01 - EP US); **C10M 2219/066** (2013.01 - EP US); **C10M 2219/068** (2013.01 - EP US); **C10N 2010/12** (2013.01 - EP US); **C10N 2020/01** (2020.05 - EP US); **C10N 2040/25** (2013.01 - EP US); **C10N 2040/251** (2020.05 - EP US); **C10N 2040/252** (2020.05 - EP US); **C10N 2040/253** (2020.05 - EP US); **C10N 2040/255** (2020.05 - EP US); **C10N 2040/26** (2013.01 - EP US); **C10N 2040/28** (2013.01 - EP US)

Citation (search report)
• [X] US 5744430 A 19980428 - INOUE KIYOSHI [JP], et al
• [X] EP 0931827 A1 19990728 - TONEN CORP [JP]
• [X] EP 0757093 A1 19970205 - TONEN CORP [JP], et al
• [PX] EP 1013749 A2 20000628 - ASAHI DENKA KOGYO KK [JP]

Cited by
EP1749876A3; EP2439256A4; US8691739B2; WO2006060255A1; WO03008522A1; WO03064573A1; WO03064572A1; EP2112217A4

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1111028 A1 20010627; **EP 1111028 A9 20011219**; **EP 1111028 B1 20171122**; JP 2001181664 A 20010703; US 2001027169 A1 20011004

DOCDB simple family (application)
EP 00850216 A 20001220; JP 36544599 A 19991222; US 73943300 A 20001218