

Title (en)
LUBRICANT OIL COMPOSITION

Title (de)
SCHMIERÖLZUSAMMENSETZUNG

Title (fr)
COMPOSITION D'HUILE LUBRIFIANTE

Publication
EP 2112217 A1 20091028 (EN)

Application
EP 07806173 A 20070822

Priority
• JP 2007066696 W 20070822
• JP 2007020916 A 20070131

Abstract (en)
The present invention provides a lubricating oil composition improved in fuel-saving properties by reducing lubrication resistance within the same viscosity grade oils. The lubricating oil composition comprises a lubricating base oil and a viscosity index improver with a PSSI of 30 or lower blended such that the viscosity index of the composition is 160 or greater and the 100°C kinematic viscosity loss after shearing is 15 percent or less.

IPC 8 full level
C10M 169/04 (2006.01); **C10M 137/06** (2006.01); **C10M 137/10** (2006.01); **C10M 143/12** (2006.01); **C10M 145/10** (2006.01); **C10M 167/00** (2006.01); **C10N 10/04** (2006.01); **C10N 20/02** (2006.01); **C10N 20/06** (2006.01); **C10N 30/02** (2006.01); **C10N 30/06** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP US)
C10M 167/00 (2013.01 - EP US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2203/1065** (2013.01 - EP US); **C10M 2205/04** (2013.01 - EP US); **C10M 2207/027** (2013.01 - EP US); **C10M 2209/084** (2013.01 - EP US); **C10M 2215/064** (2013.01 - EP US); **C10M 2215/086** (2013.01 - EP US); **C10M 2219/046** (2013.01 - EP US); **C10M 2223/042** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US); **C10N 2020/019** (2020.05 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/45** (2020.05 - EP US); **C10N 2030/68** (2020.05 - EP US); **C10N 2030/74** (2020.05 - EP US)

C-Set (source: EP US)
1. **C10M 2205/04 + C10M 2205/06**
2. **C10M 2215/086 + C10N 2060/14**

Cited by
DE102014018718A1; EP2905323A1; EP2966154A4; EP4134415A4; US9029303B2; US8546312B2; US8785359B2; US8648021B2; US9404062B2; US9447359B2; WO2013066915A1; US8563486B2; US8703663B2; US8796194B2; US8999904B2; US10238696B2; EP2573155B1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2112217 A1 20091028; EP 2112217 A4 20120229; JP 2008184569 A 20080814; JP 5565999 B2 20140806; US 2010093578 A1 20100415; WO 2008093446 A1 20080807

DOCDB simple family (application)
EP 07806173 A 20070822; JP 2007020916 A 20070131; JP 2007066696 W 20070822; US 52516407 A 20070822