

Title (en)
LUBRICATING OIL COMPOSITION

Title (de)
SCHMIERÖLZUSAMMENSETZUNG

Title (fr)
COMPOSITION D'HUILE LUBRIFIANTE

Publication
EP 2535398 A1 20121219 (EN)

Application
EP 10845798 A 20101117

Priority
• JP 2010026545 A 20100209
• JP 2010070427 W 20101117

Abstract (en)
A lubricating oil composition contains (A) a base oil for a lubricating oil in a range of 5 mass% to 70 mass% based on a total amount of the composition, the base oil containing a sulfur content of 0.03 mass% or less and having a kinematic viscosity at 100 degrees C in a range of 0.5 mm²/s to 1.5 mm²/s, and (B) a poly-alpha-olefin in a range of 15 mass% to 30 mass% based on the total amount of the composition, the poly-alpha-olefin having a kinematic viscosity at 100 degrees C of 150 mm²/s or more.

IPC 8 full level
C10M 169/04 (2006.01); **C10M 101/02** (2006.01); **C10M 107/02** (2006.01); **C10M 111/04** (2006.01); **C10M 143/00** (2006.01); **C10M 145/14** (2006.01); **C10M 155/02** (2006.01); **F16H 57/04** (2010.01); **C10N 20/00** (2006.01); **C10N 20/02** (2006.01); **C10N 20/04** (2006.01); **C10N 30/00** (2006.01); **C10N 30/02** (2006.01); **C10N 40/04** (2006.01)

CPC (source: EP KR US)
C10M 101/02 (2013.01 - KR); **C10M 107/02** (2013.01 - KR); **C10M 111/04** (2013.01 - EP US); **C10M 143/00** (2013.01 - KR); **C10M 169/04** (2013.01 - EP KR US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2205/0285** (2013.01 - EP US); **C10M 2207/281** (2013.01 - EP US); **C10M 2209/084** (2013.01 - EP US); **C10M 2215/28** (2013.01 - EP US); **C10M 2219/046** (2013.01 - EP US); **C10M 2219/08** (2013.01 - EP US); **C10M 2223/04** (2013.01 - EP US); **C10M 2223/047** (2013.01 - EP US); **C10M 2229/025** (2013.01 - EP US); **C10M 2229/0415** (2013.01 - EP US); **C10N 2020/02** (2013.01 - EP US); **C10N 2020/04** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/68** (2020.05 - EP US); **C10N 2040/04** (2013.01 - EP US)

Cited by
EP2537914A4; US9725672B2; WO2015117804A1

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

DOCDB simple family (publication)
EP 2535398 A1 20121219; **EP 2535398 A4 20130814**; CN 102741385 A 20121017; CN 102741385 B 20160413; JP 2011162652 A 20110825; JP 5638256 B2 20141210; KR 20120125358 A 20121114; US 2012309659 A1 20121206; WO 2011099207 A1 20110818

DOCDB simple family (application)
EP 10845798 A 20101117; CN 201080063358 A 20101117; JP 2010026545 A 20100209; JP 2010070427 W 20101117; KR 20127023395 A 20101117; US 201013577532 A 20101117