

Title (en)
LUBRICANT COMPOSITION

Title (de)
SCHMIERMITTELZUSAMMENSETZUNG

Title (fr)
COMPOSITION LUBRIFIANTE

Publication
EP 3492568 A1 20190605 (EN)

Application
EP 17834561 A 20170728

Priority
• JP 2016150089 A 20160729
• JP 2017027544 W 20170728

Abstract (en)
Provided is a lubricant composition which is capable of reducing friction, while ensuring anti-wear properties even if the viscosity thereof is decreased. A lubricant composition which contains a lubricant base oil, (A1) a metal salicylate and (B) a molybdenum-based friction regulator, and which is characterized in that: the amount of the component (B) is 500 to 1,500 ppm by mass in terms of the molybdenum concentration [B] in the lubricant composition; the component (A1) is calcium salicylate, magnesium salicylate or a combination thereof; the calcium concentration [Ca] based on the calcium salicylate in the lubricant composition is 0 to 1,800 ppm by mass; the magnesium concentration [Mg] based on the magnesium salicylate in the lubricant composition is 0 to 1,800 ppm by mass; and the total of the calcium concentration [Ca] and the magnesium concentration [Mg] is 200 to 3,000 ppm by mass.

IPC 8 full level
C10M 163/00 (2006.01); **C10M 139/00** (2006.01); **C10M 159/22** (2006.01); **C10N 10/02** (2006.01); **C10N 10/04** (2006.01); **C10N 10/12** (2006.01); **C10N 20/02** (2006.01); **C10N 30/06** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP US)
C10M 125/22 (2013.01 - US); **C10M 129/54** (2013.01 - US); **C10M 163/00** (2013.01 - EP US); **C10M 135/18** (2013.01 - US); **C10M 137/10** (2013.01 - US); **C10M 2205/173** (2013.01 - EP US); **C10M 2207/023** (2013.01 - US); **C10M 2207/026** (2013.01 - EP US); **C10M 2207/262** (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 2219/068** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US); **C10N 2010/12** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/04** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/52** (2020.05 - EP US); **C10N 2040/25** (2013.01 - EP US)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3492568 A1 20190605; **EP 3492568 A4 20190605**; CN 109844080 A 20190604; JP 2018016762 A 20180201; JP 6730123 B2 20200729; US 2019169520 A1 20190606; WO 2018021559 A1 20180201

DOCDB simple family (application)
EP 17834561 A 20170728; CN 201780046660 A 20170728; JP 2016150089 A 20160729; JP 2017027544 W 20170728; US 201716320811 A 20170728