

Title (en)
LUBRICANT COMPOSITION

Title (de)
SCHMIERMITTELZUSAMMENSETZUNG

Title (fr)
COMPOSITION LUBRIFIANTE

Publication
EP 3492568 A4 20190605 (EN)

Application
EP 17834561 A 20170728

Priority
• JP 2016150089 A 20160729
• JP 2017027544 W 20170728

Abstract (en)
[origin: EP3492568A1] 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
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CPC (source: EP US)
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Citation (search report)
• [XP] WO 2017099140 A1 20170615 - EXXONMOBIL RES & ENG CO [US], et al & EP 3388500 A1 20181017 - EXXONMOBIL RES & ENG CO [US], et al
• [X] WO 2015111746 A1 20150730 - IDEMITSU KOSAN CO [JP] & EP 3101097 A1 20161207 - IDEMITSU KOSAN CO [JP]
• [X] US 2015005208 A1 20150101 - YAGUCHI AKIRA [JP], et al
• [X] US 5658862 A 19970819 - VRAHOPOULOU ELISAVET P [US]
• See references of WO 2018021559A1

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)
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