

Title (en)
A-OLEFIN ADSORPTION INHIBITING LUBRICANT COMPOSITION, ADSORPTION INHIBITING METHOD AND ADSORPTION INHIBITOR

Title (de)
A-OLEFINADSORPTIONSHEMMEDE SCHMIERMITTELZUSAMMENSETZUNG, ADSORPTIONSHEMMUNGSVERFAHREN UND ADSORPTIONSHEMMER

Title (fr)
COMPOSITION LUBRIFIANTE INHIBANT L'ADSORPTION D'A-OLÉFINE, PROCÉDÉ D'INHIBITION D'ADSORPTION D'A-OLÉFINE ET INHIBITEUR D'ADSORPTION D'A-OLÉFINE

Publication
EP 3242924 A1 20171115 (EN)

Application
EP 15816713 A 20151214

Priority
• JP 2014254765 A 20141217
• EP 2015079638 W 20151214

Abstract (en)
[origin: WO2016096753A1] A method for inhibiting adsorption of α -olefin in a lubricant composition to a metal surface is disclosed. The lubricant composition comprises any of oils of Group III, Group IV and polyisobutylenes classified into Group V according to the API base oil classification or a mixture thereof as a base oil, and the α -olefin coexisting in an amount of 1% by mass or less based on the total amount of the composition. The method comprises adding a sarcosinic acid derivative, an aspartic acid derivative or a diethanolamine derivative, or a mixture thereof to the lubricant composition.

IPC 8 full level
C10M 169/04 (2006.01)

CPC (source: CN EP RU US)
C10M 141/00 (2013.01 - RU); **C10M 169/04** (2013.01 - CN EP RU US); **C10M 2203/024** (2013.01 - CN EP US);
C10M 2203/1025 (2013.01 - CN EP US); **C10M 2205/0265** (2013.01 - CN EP US); **C10M 2205/0285** (2013.01 - CN EP US);
C10M 2207/026 (2013.01 - CN EP US); **C10M 2207/141** (2013.01 - CN EP US); **C10M 2207/24** (2013.01 - CN EP US);
C10M 2207/262 (2013.01 - CN EP US); **C10M 2215/042** (2013.01 - CN EP US); **C10M 2215/064** (2013.01 - CN EP US);
C10M 2215/065 (2013.01 - CN EP US); **C10M 2215/08** (2013.01 - CN EP US); **C10M 2215/12** (2013.01 - CN EP US);
C10M 2215/223 (2013.01 - CN EP US); **C10M 2219/046** (2013.01 - CN EP US); **C10N 2030/12** (2013.01 - CN EP US);
C10N 2040/30 (2013.01 - CN EP US)

C-Set (source: CN EP US)
1. **C10M 2207/262** + **C10N 2010/04**
2. **C10M 2219/046** + **C10N 2010/04**

Citation (search report)
See references of WO 2016096753A1

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)
WO 2016096753 A1 20160623; BR 112017012882 A2 20191119; BR 112017012882 B1 20210601; CN 107109291 A 20170829;
CN 107109291 B 20210309; EP 3242924 A1 20171115; EP 3242924 B1 20200916; JP 2016113572 A 20160623; JP 6434800 B2 20181205;
RU 2017124359 A 20190117; RU 2017124359 A3 20190614; RU 2708248 C2 20191205; US 2017369812 A1 20171228

DOCDB simple family (application)
EP 2015079638 W 20151214; BR 112017012882 A 20151214; CN 201580068284 A 20151214; EP 15816713 A 20151214;
JP 2014254765 A 20141217; RU 2017124359 A 20151214; US 201515536155 A 20151214