

Title (en)

Lubricating oil compositions comprising p-alkoxy-N,N-dialkyl-aniline

Title (de)

Schmierstoffzusammensetzung enthaltend p-Alkoxy-N,N-dialkyl-Anilin

Title (fr)

Composition lubrifiante contenant une p-alkoxy-N,N-dialkyl-aniline

Publication

EP 2574656 B1 20140402 (EN)

Application

EP 11183113 A 20110928

Priority

EP 11183113 A 20110928

Abstract (en)

[origin: EP2574656A1] A lubricating oil composition comprising a major amount of oil of lubricating viscosity and a minor amount of one or more compounds of formula (I): wherein R 1 , R 2 , R 3 , R 4 and R 5 independently represent alkyl or substituted alkyl having no aryl substituent.

IPC 8 full level

C10M 133/12 (2006.01)

CPC (source: EP US)

C10M 133/12 (2013.01 - EP US); **C10M 2215/06** (2013.01 - EP US); **C10M 2215/062** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10N 2030/36** (2020.05 - EP US); **C10N 2030/42** (2020.05 - EP US); **C10N 2030/43** (2020.05 - EP US); **C10N 2030/45** (2020.05 - EP US); **C10N 2030/52** (2020.05 - EP US); **C10N 2040/25** (2013.01 - EP US); **C10N 2040/252** (2020.05 - EP US)

Cited by

EP3066178A4; EP3066179A4; EP2687583A1; US9969950B2; WO2015066685A1; WO2015066690A1; US9963657B2

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 2574656 A1 20130403; EP 2574656 B1 20140402; CA 2791282 A1 20130328; CA 2791282 C 20190514; CN 103074143 A 20130501; CN 103074143 B 20170301; JP 2013072088 A 20130422; JP 5973301 B2 20160823; SG 188776 A1 20130430; US 2013252865 A1 20130926

DOCDB simple family (application)

EP 11183113 A 20110928; CA 2791282 A 20120928; CN 201210369519 A 20120927; JP 2012214236 A 20120927; SG 2012072153 A 20120927; US 201213623892 A 20120921