

Title (en)

USE IN A LUBRICATING COMPOSITION CONTAINING A DISPERSANT

Title (de)

VERWENDUNG IN EINER SCHMIERZUSAMMENSETZUNG MIT EINEM DISPERGIERMITTEL

Title (fr)

UTILISATION DANS UNE COMPOSITION LUBRIFIANTE CONTENANT UN DISPERSANT

Publication

EP 2723836 B1 20180808 (EN)

Application

EP 12730740 A 20120618

Priority

- US 201161499333 P 20110621
- US 2012042882 W 20120618

Abstract (en)

[origin: WO2012177537A1] The invention provides a lubricating composition containing a lubricating composition comprising an oil of lubricating viscosity and a quaternised polyester salt. The invention further relates to a method of lubricating a mechanical device (such as an internal combustion engine) with the lubricating composition. The invention further relates to the use of the quaternised polyester salt as a dispersant.

IPC 8 full level

C10M 133/06 (2006.01); **C10M 149/14** (2006.01)

CPC (source: EP US)

C10M 133/06 (2013.01 - EP US); **C10M 133/08** (2013.01 - EP US); **C10M 133/44** (2013.01 - US); **C10M 149/14** (2013.01 - EP US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2205/022** (2013.01 - EP US); **C10M 2207/028** (2013.01 - EP US); **C10M 2215/064** (2013.01 - EP US); **C10M 2219/046** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10M 2229/02** (2013.01 - EP US); **C10N 2030/04** (2013.01 - EP US); **C10N 2040/25** (2013.01 - EP US); **C10N 2040/252** (2020.05 - 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

DOCDB simple family (publication)

WO 2012177537 A1 20121227; CA 2837642 A1 20121227; CN 103703113 A 20140402; EP 2723836 A1 20140430; EP 2723836 B1 20180808; US 2014107003 A1 20140417

DOCDB simple family (application)

US 2012042882 W 20120618; CA 2837642 A 20120618; CN 201280029778 A 20120618; EP 12730740 A 20120618; US 201214123645 A 20120618