

Title (en)

A LUBRICATING OIL ADDITIVE COMPOSITION AND METHOD OF MAKING THE SAME

Title (de)

SCHMIERÖLADDITIVZUSAMMENSETZUNG UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

COMPOSITION D'ADDITIF POUR HUILE LUBRIFIANTE ET SON PROCÉDÉ DE FABRICATION

Publication

EP 2379686 B1 20130731 (EN)

Application

EP 09835596 A 20091215

Priority

- US 2009068101 W 20091215
- US 34141008 A 20081222

Abstract (en)

[origin: US2010160192A1] An oil-soluble lubricating oil additive composition prepared by a process which comprises reacting a succinimide, succinamide or mixtures thereof with a first post-treating agent, thereby producing an initial post-treated product which is reacted with a second post-treating agent.

IPC 8 full level

C10M 133/16 (2006.01); **C07D 207/40** (2006.01); **C10M 133/56** (2006.01); **C10N 30/04** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP US)

C10M 133/56 (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2207/028** (2013.01 - EP US); **C10M 2207/142** (2013.01 - EP US); **C10M 2215/28** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10N 2020/04** (2013.01 - EP US); **C10N 2030/041** (2020.05 - EP US); **C10N 2030/52** (2020.05 - EP US); **C10N 2030/70** (2020.05 - EP US); **C10N 2040/252** (2020.05 - EP US); **C10N 2060/06** (2013.01 - EP US)

Cited by

US12018225B2; WO2018211466A1; US10815446B2; WO2022018681A1; WO2022018682A1

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DOCDB simple family (publication)

US 2010160192 A1 20100624; CA 2747730 A1 20100701; CA 2747730 C 20160802; CN 102264879 A 20111130; EP 2379686 A2 20111026; EP 2379686 A4 20120620; EP 2379686 B1 20130731; JP 2012513495 A 20120614; JP 5558486 B2 20140723; SG 172329 A1 20110728; WO 2010075103 A2 20100701; WO 2010075103 A3 20101021

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US 34141008 A 20081222; CA 2747730 A 20091215; CN 200980151759 A 20091215; EP 09835596 A 20091215; JP 2011542346 A 20091215; SG 2011045853 A 20091215; US 2009068101 W 20091215