

Title (en)  
A POST-TREATED MOLYBDENUM IMIDE ADDITIVE COMPOSITION, METHODS OF MAKING SAME AND LUBRICATING OIL COMPOSITIONS CONTAINING SAME

Title (de)  
NACHBEHANDELTE MOLYBDÄNIMIDADDITIVZUSAMMENSETZUNG, VERFAHREN ZUR HERSTELLUNG DAVON UND SCHMIERÖLZUSAMMENSETZUNGEN DAMIT

Title (fr)  
COMPOSITION D'ADDITIF D'IMIDE ET DE MOLYBDÈNE POST-TRAITÉ, SES PROCÉDÉS DE FABRICATION ET COMPOSITIONS D'HUILE LUBRIFIANTE LA CONTENANT

Publication  
**EP 2935543 A1 20151028 (EN)**

Application  
**EP 13866126 A 20131211**

Priority  
• US 201261740668 P 20121221  
• US 2013074445 W 20131211

Abstract (en)  
[origin: US2014179573A1] The invention is directed to an embodiment of the present invention is directed to an oil soluble additive composition prepared by a process comprising: reacting, (a) a molybdenum component; (b) an imide derived from the reaction product of a hydrocarbyl dicarboxylic acid component and a polyamine wherein said reaction product is prepared by first charging a polyamine to a reaction vessel and then charging a hydrocarbyl dicarboxylic acid component to the reaction vessel, wherein the charge mole ratio of the hydrocarbyl dicarboxylic acid component to the polyamine is from about 1:1 to about 1:0.5; and (c) a post-treating agent, thereby producing a post-treated molybdated succinimide additive composition.

IPC 8 full level  
**C10M 159/18** (2006.01); **C10N 30/06** (2006.01); **C10N 30/12** (2006.01); **C10N 40/02** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP US)  
**C10M 159/18** (2013.01 - EP US); **C10M 2215/08** (2013.01 - EP US); **C10M 2215/28** (2013.01 - EP US); **C10N 2010/12** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/54** (2020.05 - EP US); **C10N 2030/70** (2020.05 - EP US); **C10N 2040/25** (2013.01 - EP US); **C10N 2060/06** (2013.01 - EP US); **C10N 2070/02** (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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**US 2014179573 A1 20140626**; CA 2891422 A1 20140626; CN 104884594 A 20150902; EP 2935543 A1 20151028; EP 2935543 A4 20160127; JP 2016501966 A 20160121; SG 11201504192P A 20150629; WO 2014099557 A1 20140626

DOCDB simple family (application)  
**US 201314102867 A 20131211**; CA 2891422 A 20131211; CN 201380064193 A 20131211; EP 13866126 A 20131211; JP 2015549483 A 20131211; SG 11201504192P A 20131211; US 2013074445 W 20131211