

Title (en)

USE OF A HYDROCARBYL-SUBSTITUTED DICARBOXYLIC ACID FOR IMPROVING OR BOOSTING THE SEPARATION OF WATER FROM FUEL OILS WHICH COMPRISSES DETERGENT ADDITIVE

Title (de)

VERWENDUNG EINER HYDROCARBYLSUBSTITUIERTEN DICARBONSÄURE ZUR VERBESSERUNG ODER VERSTÄRKUNG DER TRENNUNG VON WASSER AUS BRENNSTOFFÖLEN MIT EINEM DETERGENSZUSATZ

Title (fr)

UTILISATION D'UN ACIDE DICARBOXYLIQUE SUBSTITUÉ PAR HYDROCARBYLE POUR L'AMÉLIORATION OU L'AUGMENTATION DE LA SÉPARATION D'EAU D'HUILES COMBUSTIBLES, LEQUEL COMPREND UN ADDITIF DÉTERGENT

Publication

EP 2976411 A1 20160127 (EN)

Application

EP 14708894 A 20140311

Priority

- EP 13160351 A 20130321
- EP 2014054636 W 20140311
- EP 14708894 A 20140311

Abstract (en)

[origin: WO2014146928A1] Use of a hydrocarbyl-substituted dicarboxylic acid for improving or boosting the separation of water from fuel oils which comprise additives with detergent action. A Fuel additive concentrate comprising the said hydrocarbyl-substituted dicarboxylic acid, certain additives with detergent action and optionally dehazers, cetane number improvers and solvents or diluents.

IPC 8 full level

C10L 1/14 (2006.01); **C10L 1/16** (2006.01); **C10L 1/188** (2006.01); **C10L 1/189** (2006.01); **C10L 1/198** (2006.01); **C10L 1/23** (2006.01);
C10L 1/233 (2006.01); **C10L 1/238** (2006.01); **C10L 1/2383** (2006.01); **C10L 10/00** (2006.01); **C10L 10/18** (2006.01)

CPC (source: EP)

C10L 1/143 (2013.01); **C10L 1/146** (2013.01); **C10L 1/198** (2013.01); **C10L 10/00** (2013.01); **C10L 10/18** (2013.01); **C10L 1/1616** (2013.01);
C10L 1/1883 (2013.01); **C10L 1/1895** (2013.01); **C10L 1/1981** (2013.01); **C10L 1/1985** (2013.01); **C10L 1/231** (2013.01); **C10L 1/233** (2013.01);
C10L 1/238 (2013.01); **C10L 1/2383** (2013.01); **C10L 2200/0438** (2013.01); **C10L 2200/0476** (2013.01); **C10L 2230/086** (2013.01);
C10L 2300/20 (2013.01)

Citation (search report)

See references of WO 2014146928A1

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 2014146928 A1 20140925; AR 097129 A1 20160224; AU 2014234560 A1 20150910; CN 105102594 A 20151125;
EP 2976411 A1 20160127; KR 20150133265 A 20151127; MY 185204 A 20210430; RU 2015145010 A 20170426;
SG 11201506396P A 20151029

DOCDB simple family (application)

EP 2014054636 W 20140311; AR P140101316 A 20140320; AU 2014234560 A 20140311; CN 201480017246 A 20140311;
EP 14708894 A 20140311; KR 20157030284 A 20140311; MY PI2015002144 A 20140311; RU 2015145010 A 20140311;
SG 11201506396P A 20140311