

Title (en)

METHOD FOR IMPROVING THE OXIDATION STABILITY OF BIODIESEL AS MEASURED BY THE RANCIMAT TEST

Title (de)

VERFAHREN ZUR VERBESSERUNG DER OXIDATIONSSTABILITÄT VON BIODIESEL GEMÄSS DEM RANCIMAT-TEST

Title (fr)

PROCÉDÉ DESTINÉ À AMÉLIORER LA STABILITÉ À L'OXIDATION DU BIODIESEL, TELLE QUE MESURÉE PAR LE TEST RANCIMAT

Publication

EP 2342311 A1 20110713 (EN)

Application

EP 09814893 A 20090917

Priority

- US 2009005185 W 20090917
- US 19232908 P 20080917

Abstract (en)

[origin: WO2010033201A1] The oxidation stability of biodiesel fuel or mixtures of biodiesel fuel and conventional diesel fuel is improved by at least 50% by the addition to such fuel of at least 250 mg of N-M (C1-C5) alkyl cyclohexyl amine per liter of the biodiesel fuel or per liter of the biodiesel fuel component in the mixture of biodiesel fuel and conventional diesel fuel as compared to the oxidation stability of said fuel without such additive.

IPC 8 full level

C10L 1/04 (2006.01); **C10L 1/222** (2006.01)

CPC (source: EP US)

C10L 1/04 (2013.01 - EP US); **C10L 1/2222** (2013.01 - EP US)

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2010033201 A1 20100325; AU 2009292637 A1 20100325; CA 2734958 A1 20100325; EP 2342311 A1 20110713; EP 2342311 A4 20120418; EP 2342311 B1 20160309; JP 2012503040 A 20120202; US 2011146139 A1 20110623

DOCDB simple family (application)

US 2009005185 W 20090917; AU 2009292637 A 20090917; CA 2734958 A 20090917; EP 09814893 A 20090917; JP 2011526874 A 20090917; US 200913061761 A 20090917