

Title (en)

ANTIOXIDANT BLENDS FOR FATTY ACID METHYL ESTERS (BIODIESEL)

Title (de)

ANTIOXIDANSMISCHUNGEN FÜR FETTSÄUREMETHYLESTER (BIODIESEL)

Title (fr)

MÉLANGES D'ANTIOXYDANTS POUR ESTERS MÉTHYLIQUES D'ACIDES GRAS (BIODIESEL)

Publication

EP 2137283 A1 20091230 (EN)

Application

EP 08732069 A 20080313

Priority

- US 2008056763 W 20080313
- US 90855107 P 20070328
- US 90854607 P 20070328

Abstract (en)

[origin: WO2008121526A1] This invention provides stabilized biodiesels comprising (1) biodiesel, such as fatty acid methyl ester (FAME), (2) mono- or bis-hindered phenolic derived from 2,6-di-tert- butylphenol, and (3) N,N'-di-substituted para-phenylene diamine. Also methods of stabilizing biodiesel are provided involving adding (2) and (3) to (1).

IPC 8 full level

C10L 1/14 (2006.01); **C10L 1/02** (2006.01)

CPC (source: EP KR US)

C10L 1/02 (2013.01 - KR); **C10L 1/14** (2013.01 - EP KR US); **C10G 2300/1011** (2013.01 - EP US); **C10L 1/183** (2013.01 - EP US); **C10L 1/1832** (2013.01 - EP US); **C10L 1/1835** (2013.01 - EP US); **C10L 1/19** (2013.01 - EP US); **C10L 1/223** (2013.01 - EP US); **C10L 1/2235** (2013.01 - EP US); **Y02E 50/10** (2013.01 - EP US); **Y02P 30/20** (2015.11 - EP US)

Citation (search report)

See references of WO 2008121526A1

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008121526 A1 20081009; AU 2008232984 A1 20081009; BR PI0809615 A2 20160712; BR PI0809615 A8 20170221; CA 2681753 A1 20081009; CN 101688137 A 20100331; EP 2137283 A1 20091230; JP 2010522809 A 20100708; KR 20100015881 A 20100212; RU 2009139760 A 20110510; TW 200848502 A 20081216; US 2010107481 A1 20100506

DOCDB simple family (application)

US 2008056763 W 20080313; AU 2008232984 A 20080313; BR PI0809615 A 20080313; CA 2681753 A 20080313; CN 200880010251 A 20080313; EP 08732069 A 20080313; JP 2010501053 A 20080313; KR 20097022265 A 20080313; RU 2009139760 A 20080313; TW 97110658 A 20080326; US 59338308 A 20080313