

Title (en)

DIESEL COMPOSITION AND PROCESS FOR IMPROVING OXIDATION STABILITY OF BIODIESEL

Title (de)

DIESELZUSAMMENSETZUNG UND VERFAHREN ZUR VERBESSERUNG DER OXIDATIONSSTABILITÄT VON BIODIESEL

Title (fr)

COMPOSITION DE DIESEL ET PROCÉDÉ POUR L'AMÉLIORATION DE LA STABILITÉ D'UN BIODIESEL À L'OXYDATION

Publication

**EP 2447344 A4 20131030 (EN)**

Application

**EP 10791159 A 20100625**

Priority

- CN 2010000950 W 20100625
- CN 200910087970 A 20090626
- CN 200910089959 A 20090730
- CN 200910090511 A 20090819
- CN 200910090512 A 20090819

Abstract (en)

[origin: EP2447344A1] The present invention discloses a diesel composition, which comprises a base diesel and an additive composition, characterized in that said base diesel comprises biodiesel, and said additive composition comprises component (a) and component (b), wherein said component (a) is an arylamine-type antioxidant, and said component (b) is one or more polyamines or derivatives thereof. The diesel composition of the present invention has a superior oxidation stability.

IPC 8 full level

**C10L 1/183** (2006.01); **C10L 1/222** (2006.01); **C10L 1/223** (2006.01); **C10L 1/224** (2006.01); **C10L 1/228** (2006.01); **C10L 1/232** (2006.01); **C10L 1/233** (2006.01); **C10L 1/238** (2006.01); **C10L 1/2383** (2006.01); **C10L 1/2387** (2006.01); **C10L 1/24** (2006.01); **C10L 10/00** (2006.01); **C10L 10/18** (2006.01)

CPC (source: EP US)

**C10L 1/14** (2013.01 - EP US); **C10L 1/22** (2013.01 - EP US); **C10L 10/18** (2013.01 - EP US); **C10L 1/221** (2013.01 - EP US); **C10L 1/2225** (2013.01 - EP US); **C10L 1/223** (2013.01 - EP US); **C10L 1/224** (2013.01 - EP US); **C10L 1/2283** (2013.01 - EP US); **C10L 1/232** (2013.01 - EP US); **C10L 1/233** (2013.01 - EP US); **C10L 1/238** (2013.01 - EP US); **C10L 1/2383** (2013.01 - EP US); **C10L 1/2387** (2013.01 - EP US); **C10L 2200/0446** (2013.01 - EP US); **C10L 2200/0476** (2013.01 - EP US); **C10L 2270/026** (2013.01 - EP US)

Citation (search report)

- [XAYI] US 2009139135 A1 20090604 - O'BRIEN TIMOTHY J [US], et al
- [I] WO 2008124390 A2 20081016 - LUBRIZOL CORP [US], et al
- [Y] EP 1847584 A2 20071024 - INFINEUM INT LTD [GB]
- [A] EP 1847583 A2 20071024 - INFINEUM INT LTD [GB]
- [A] WO 2008049822 A2 20080502 - BASF SE [DE], et al
- See references of WO 2010148652A1

Cited by

**EP4081202A4**

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 SE SI SK SM TR

DOCDB simple family (publication)

**EP 2447344 A1 20120502**; **EP 2447344 A4 20131030**; **EP 2447344 B1 20190724**; BR PI1012681 A2 20160329; BR PI1012681 B1 20190326; ES 2749879 T3 20200324; US 2012124896 A1 20120524; WO 2010148652 A1 20101229

DOCDB simple family (application)

**EP 10791159 A 20100625**; BR PI1012681 A 20100625; CN 2010000950 W 20100625; ES 10791159 T 20100625; US 201013380334 A 20100625