

Title (en)

CETANE IMPROVER FOR DIESEL FUELS AND DIESEL FUELS CONTAINING IT

Title (de)

CETANVERBESSERER FÜR DIESELKRAFTSTOFFE UND IHN ENTHALTENDE DIESELKRAFTSTOFFE

Title (fr)

COMPOSANT AMELIORANT DE CETANE POUR CARBURANTS DIESELS ET CARBURANTS DIESEL LE CONTENANT

Publication

**EP 1971669 A2 20080924 (FR)**

Application

**EP 06847086 A 20061220**

Priority

- FR 2006002806 W 20061220
- FR 0513034 A 20051221
- FR 0600184 A 20060110

Abstract (en)

[origin: FR2894978A1] Component improving cetane in diesel fuels, comprises a stearic acid ester comprised: in a vegetable/animal oil ester in crude or partially hydrogenated form; in a pure state added with a mixture of vegetable/animal oil ester in crude or partially hydrogenated form; or in a mixture of esters of vegetable and/or animal oil in crude or partially hydrogenated form, where the mixtures of saturated and unsaturated esters being such as the mass ratio of the stearic ester content over the total sum of the unsaturated ester contents present in vegetable or animal oil esters is 1-12%. An independent claim is included for a diesel fuel comprising a hydrocarbon resulting from distillates of 180-350[deg]C boiling point and the component comprising at least a saturated ester of more than 16 carbon atoms, preferably the stearic ester ( $\geq 0.5$  wt.%).

IPC 8 full level

**C10L 10/12** (2006.01); **C10L 1/02** (2006.01); **C10L 1/12** (2006.01); **C10L 1/19** (2006.01)

CPC (source: EP KR US)

**C10G 3/00** (2013.01 - KR); **C10L 1/026** (2013.01 - EP US); **C10L 1/08** (2013.01 - KR); **C10L 1/19** (2013.01 - EP KR US); **C10L 1/191** (2013.01 - EP US); **C10L 10/12** (2013.01 - EP KR US); **C10L 1/143** (2013.01 - EP US); **C10L 1/1973** (2013.01 - EP US); **C10L 10/16** (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); **Y02E 50/10** (2013.01 - EP US); **Y02P 30/20** (2015.11 - EP US)

Citation (search report)

See references of WO 2007077330A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2894978 A1 20070622**; **FR 2894978 B1 20120608**; EP 1971669 A2 20080924; JP 2007169631 A 20070705; JP 5068523 B2 20121107; KR 101327934 B1 20131113; KR 20080080625 A 20080904; US 2008295394 A1 20081204; US 2012216452 A1 20120830; US 8409304 B2 20130402; WO 2007077330 A2 20070712; WO 2007077330 A3 20070823

DOCDB simple family (application)

**FR 0600184 A 20060110**; EP 06847086 A 20061220; FR 2006002806 W 20061220; JP 2006334702 A 20061212; KR 20087016837 A 20061220; US 15827206 A 20061220; US 201213467226 A 20120509