

Title (en)

NOVEL FUEL WITH HIGH OCTANE INDEX AND REDUCED LEAD CONTENT

Title (de)

NEUARTIGER KRAFTSTOFF MIT HOHER OKTANZAHL UND NIEDRIGEM BLEIGEHALT

Title (fr)

NOUVEAU CARBURANT A INDICE D'OCTANE ELEVE ET A TENEUR ABAISSEE EN PLOMB

Publication

EP 1556464 A1 20050727 (FR)

Application

EP 03778433 A 20031022

Priority

- FR 0303128 W 20031022
- FR 0213167 A 20021022

Abstract (en)

[origin: FR2846002A1] Fuel with a lead content of 0.56 g/l or less comprises isoparaffins (I) with 4 or 5 carbon atoms, isoparaffins (II) with 6-9 carbon atoms and optionally alkylaromatic hydrocarbons (III) with 6-11 carbon atoms. The fuel contains 45-85 vol.% of (II) and has a (I)/(II) volume ratio of 0.1-0.6. An Independent claim is also included for producing a high-octane fuel with a low lead content by mixing (I), (II) and optionally (III) in amounts such that the fuel contains 45-85 vol.% of (II) and has a (I)/(II) volume ratio of 0.1-0.6.

IPC 1-7

C10L 1/06

IPC 8 full level

C10L 1/06 (2006.01)

CPC (source: EP US)

C10L 1/06 (2013.01 - EP US)

Citation (search report)

See references of WO 2004037952A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

FR 2846002 A1 20040423; FR 2846002 B1 20061215; AU 2003285432 A1 20040513; CA 2513489 A1 20040506; EP 1556464 A1 20050727; US 2006052650 A1 20060309; WO 2004037952 A1 20040506

DOCDB simple family (application)

FR 0213167 A 20021022; AU 2003285432 A 20031022; CA 2513489 A 20031022; EP 03778433 A 20031022; FR 0303128 W 20031022; US 53263905 A 20050422