

Title (en)
USE OF FUEL COMPOSITION

Title (de)
VERWENDUNG EINER BRENNSTOFFZUSAMMENSETZUNG

Title (fr)
UTILISATION DE COMPOSITION COMBUSTIBLE

Publication
EP 1869147 A1 20071226 (EN)

Application
EP 06725726 A 20060412

Priority
• EP 2006061549 W 20060412
• EP 05252268 A 20050412
• EP 06725726 A 20060412

Abstract (en)
[origin: WO2006108854A1] Use of a fuel composition comprising a major amount of a fuel suitable for use in a compression-ignition engine, which fuel comprises one or more hydrocarbon components boiling within the diesel boiling range, at least one of which hydrocarbon components has been treated with a metal adsorbing or absorbing material in a different physical phase from the hydrocarbon component(s), preferably to reduce the level of at least one metal, more preferably the level of at least one heavier metal, most preferably the level of copper and/or iron and/or zinc, in said at least one hydrocarbon component, said treatment including physical separation of the hydrocarbon component from the metal adsorbing or absorbing phase, for the purpose of reducing subsequent formation of deposits, preferably combustion related deposits, during engine operation in a compression- ignition engine into which the fuel composition is introduced and/or of removing from the engine previously incurred deposits. Preferably the level of deposits in the engine after engine operation with said fuel composition in the engine is lower than the level of deposits in the engine after engine operation with an alternative fuel composition in the engine, said alternative fuel composition having essentially the same characteristics as said fuel composition but the hydrocarbon components of which have not been treated with said metal adsorbing or absorbing material.

IPC 8 full level
C10L 1/08 (2006.01); **C10G 25/00** (2006.01); **C10G 25/02** (2006.01); **C10L 10/04** (2006.01)

CPC (source: EP)
C10G 25/00 (2013.01); **C10G 25/02** (2013.01); **C10L 1/08** (2013.01); **C10L 10/04** (2013.01); **C10G 2300/205** (2013.01); **C10G 2400/04** (2013.01)

Citation (search report)
See references of WO 2006108854A1

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)
WO 2006108854 A1 20061019; AR 054436 A1 20070627; AU 2006234312 A1 20061019; BR PI0608918 A2 20160823; CN 101184827 A 20080521; CN 101184827 B 20120321; DO P2006000086 A 20061031; EP 1869147 A1 20071226; MY 145572 A 20120229; NO 20075794 L 20080109; RU 2007141714 A 20090520; ZA 200708527 B 20081029

DOCDB simple family (application)
EP 2006061549 W 20060412; AR P060101426 A 20060411; AU 2006234312 A 20060412; BR PI0608918 A 20060412; CN 200680018424 A 20060412; DO 2006000086 A 20060410; EP 06725726 A 20060412; MY PI20061630 A 20060410; NO 20075794 A 20071112; RU 2007141714 A 20060412; ZA 200708527 A 20071005