

Title (en)
NOVEL HYDROCARBON FUEL ADDITIVES AND FUEL FORMULATIONS EXHIBITING IMPROVED COMBUSTION PROPERTIES

Title (de)
NEUE KOHLENWASSERSTOFFBRENNSTOFFADDITIVE UND BRENNSTOFFFORMULIERUNGEN MIT VERBESSERTEN
VERBRENNUNGSEIGENSCHAFTEN

Title (fr)
NOUVEAUX ADDITIFS POUR CARBURANT HYDROCARBONE ET FORMULATIONS DE CARBURANT PRESENTANT DES PROPRIETES DE
COMBUSTION AMELIOREES

Publication
EP 1651741 A2 20060503 (EN)

Application
EP 04756041 A 20040625

Priority

- US 2004020301 W 20040625
- US 48268203 P 20030626

Abstract (en)
[origin: WO2005003263A2] Fuel additives, fuel formulations, and processes for their preparation and use are provided. The additives improve the combustion properties of hydrocarbon fuels. The enhanced combustion indicates reductions in certain emissions.

IPC 1-7
C10L 1/16

IPC 8 full level
C10L 1/14 (2006.01); **C10L 1/16** (2006.01); **C10L 1/18** (2006.01); **C10L 1/26** (2006.01); **C10L 10/02** (2006.01); **C10L 1/12** (2006.01); **C10L 1/22** (2006.01)

IPC 8 main group level
C10L (2006.01)

CPC (source: EP KR)
C10L 1/14 (2013.01 - EP KR); **C10L 1/1608** (2013.01 - EP KR); **C10L 1/1802** (2013.01 - KR); **C10L 1/1822** (2013.01 - KR); **C10L 1/1857** (2013.01 - EP KR); **C10L 1/1985** (2013.01 - KR); **C10L 1/231** (2013.01 - KR); **C10L 1/232** (2013.01 - KR); **C10L 1/2641** (2013.01 - EP KR); **C10L 10/02** (2013.01 - EP KR); **C10L 1/1802** (2013.01 - EP); **C10L 1/1822** (2013.01 - EP); **C10L 1/1985** (2013.01 - EP); **C10L 1/231** (2013.01 - EP); **C10L 1/232** (2013.01 - EP); **C10L 2230/081** (2013.01 - KR)

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005003263 A2 20050113; **WO 2005003263 A3 20050331**; CA 2530415 A1 20050113; CN 1867651 A 20061122; CN 1867651 B 20110511; EP 1651741 A2 20060503; EP 1651741 A4 20110525; JP 2007521366 A 20070802; KR 101022726 B1 20110322; KR 101056482 B1 20110812; KR 20060054204 A 20060522; KR 20100129796 A 20101209; MX PA05014069 A 20060302; NO 20060335 L 20060323; RU 2006102141 A 20060610

DOCDB simple family (application)
US 2004020301 W 20040625; CA 2530415 A 20040625; CN 200480017781 A 20040625; EP 04756041 A 20040625; JP 2006517623 A 20040625; KR 20057024939 A 20040625; KR 20107025614 A 20040625; MX PA05014069 A 20040625; NO 20060335 A 20060123; RU 2006102141 A 20040625