Title (en)

FUEL COMPOSITION

Title (de)

KRAFTSTOFFZUSAMMENSETZUNG

Title (fr)

COMPOSITION DE CARBURANT

Publication

EP 1615985 A1 20060118 (DE)

Application

EP 04726498 A 20040408

Priority

- EP 2004003811 W 20040408
- DE 10316871 A 20030411

Abstract (en)

[origin: CA2520578A1] Disclosed is a fuel composition containing a major quantity of gasoline havi ng a maximum sulfur content of 150 ppm by weight, and a minor quantity of at least one gasoline additive having a detergent effect or a valve seat wear- inhibiting effect. Said gasoline additive comprises at least one hydrophobic hydrocarbon radical having an average molecular weight of 85 to 20,000, and at least one polar group. The fuel composition further contains at least one lo w alkanol at a moiety of about 5 to 75 percent by volume.

IPC 1-7

C10L 1/14; C10L 10/00

IPC 8 full level

C10L 1/14 (2006.01); **C10L 10/00** (2006.01); C10L 1/18 (2006.01); C10L 1/22 (2006.01)

CPC (source: EP KR US)

C10L 1/14 (2013.01 - KR); **C10L 1/143** (2013.01 - EP US); **C10L 10/08** (2013.01 - EP US); C10L 1/1824 (2013.01 - EP US); C10L 1/2383 (2013.01 - EP US)

Citation (search report)

See references of WO 2004090079A1

Cited by

EP2270119B1

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)

DE 10316871 A1 20041021; AR 044001 A1 20050824; AU 2004227095 A1 20041021; AU 2004227095 B2 20100715; BR PI0409171 A 20060411; CA 2520578 A1 20041021; CA 2520578 C 20130618; CA 2810284 A1 20041021; CA 2810284 C 20150616; CL 2004000766 A1 20050204; CN 100545244 C 20090930; CN 1802425 A 20060712; DK 1615985 T3 20140303; EP 1615985 A1 20060118; EP 1615985 B1 20131211; EP 2270119 A1 20110105; EP 2270119 B1 20200715; EP 3736317 A1 20201111; ES 2443993 T3 20140221; JP 2006522846 A 20061005; JP 2010013665 A 20100121; JP 2013209664 A 20131010; JP 4452712 B2 20100421; KR 101186408 B1 20120927; KR 101320732 B1 20131021; KR 20060006781 A 20060119; KR 20120081230 A 20120718; MX PA05010183 A 20051108; MY 162483 A 20170615; NO 20054374 L 20050929; PL 1615985 T3 20140530; PL 2270119 T3 20210125; PT 1615985 E 20140129; RU 2005134823 A 20060610; SI 1615985 T1 20140228; US 2006196110 A1 20060907; WO 2004090079 A1 20041021; ZA 200509086 B 20070228

DOCDB simple family (application)

DE 10316871 A 20030411; AR P040101182 A 20040407; AU 2004227095 A 20040408; BR PI0409171 A 20040408; CA 2520578 A 20040408; CA 2810284 A 20040408; CL 2004000766 A 20040408; CN 200480009761 A 20040408; DK 04726498 T 20040408; EP 04726498 A 20040408; EP 10180913 A 20040408; EP 2004003811 W 20040408; EP 20174630 A 20040408; ES 04726498 T 20040408; JP 2006505086 A 20040408; JP 2009240064 A 20091019; JP 2013121995 A 20130610; KR 20057018049 A 20040408; KR 20127014391 A 20040408; MX PA05010183 A 20040408; MY PI20041114 A 20040329; NO 20054374 A 20050921; PL 04726498 T 20040408; PL 10180913 T 20040408; PT 04726498 T 20040408; RU 2005134823 A 20040408; SI 200432123 T 20040408; US 55123905 A 20050928; ZA 200509086 A 20051110