

Title (en)
Fuel composition

Title (de)
Brennstoffzusammensetzung

Title (fr)
Composition de combustible

Publication
EP 1359207 B1 20070117 (EN)

Application
EP 03076773 A 19990326

Priority
• EP 99913461 A 19990326
• GB 9806440 A 19980326
• GB 9822277 A 19981014

Abstract (en)
[origin: WO9949003A1] An unleaded formulated motor gasoline comprising a base blend composition having a MON of at least 80 e.g. 80 to less than 98 comprises component (a) at least 5 % (by volume of the total composition) of at least one hydrocarbon having the following formula (I): $R-CH_2-CH(CH_3)-C(CH_3)_2-CH_3$ wherein R is hydrogen or methyl, especially triptane, and component (b) at least one saturated liquid aliphatic hydrocarbon having 4 to 12 carbon atoms. The corresponding unleaded formulated motor gasoline comprises also at least one motor gasoline additive. The blend or gasoline preferably contains at least one of aromatics, olefins, and oxygenates. The gasolines or blends give rise on combustion to reduced levels of emissions of exhaust gases, in particular carbon dioxide, carbon monoxide, nitrogen oxides and total hydrocarbons.

IPC 8 full level
C10L 1/06 (2006.01); **C10L 1/02** (2006.01)

CPC (source: EP)
C10L 1/023 (2013.01); **C10L 1/06** (2013.01)

Cited by
US2012080000A1; US7678953B2; US7741526B2; US8974659B2; US7692049B2; US7678954B2; WO2010014501A1; WO2005118751A1; US7667086B2; US8741126B2; US8481796B2; US9163189B2; US9074153B2; US11193077B1; US11485923B1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9949003 A1 19990930; AR 014789 A1 20010328; AT E254160 T1 20031115; AT E351896 T1 20070215; AU 3158099 A 19991018; AU 753443 B2 20021017; AU 753443 C 20030515; CA 2325748 A1 19990930; CN 1160442 C 20040804; CN 1301291 A 20010627; DE 69912757 D1 20031218; DE 69912757 T2 20040527; DE 69934918 D1 20070308; DE 69934918 T2 20071108; EG 22450 A 20030226; EP 1068282 A1 20010117; EP 1068282 B1 20031112; EP 1359207 A1 20031105; EP 1359207 B1 20070117; ES 2212545 T3 20040716; ES 2279926 T3 20070901; GB 0022591 D0 20001101; GB 2350372 A 20001129; GB 2350372 B 20020918; ID 26367 A 20001214; MY 119842 A 20050729; NZ 507073 A 20021220; PA 8469901 A1 20000929; PE 20000343 A1 20000504; PT 1359207 E 20070430; TW 445294 B 20010711

DOCDB simple family (application)
GB 9900959 W 19990326; AR P990101379 A 19990326; AT 03076773 T 19990326; AT 99913461 T 19990326; AU 3158099 A 19990326; CA 2325748 A 19990326; CN 99806414 A 19990326; DE 69912757 T 19990326; DE 69934918 T 19990326; EG 30799 A 19990324; EP 03076773 A 19990326; EP 99913461 A 19990326; ES 03076773 T 19990326; ES 99913461 T 19990326; GB 0022591 A 19990326; ID 20001925 A 19990326; MY PI9901167 A 19990326; NZ 50707399 A 19990326; PA 8469901 A 19990326; PE 00024699 A 19990326; PT 03076773 T 19990326; TW 88105684 A 19990409