

Title (en)

GASOLINE COMPOSITIONS COMPRISING OXANILIDE UV FILTER COMPOUNDS

Title (de)

OTTKRAFTSTOFFZUSAMMENSETZUNGEN ENTHALTEND ALS UV-ABSORBER WIRKSAME OXANILIDVERBINDUNGEN

Title (fr)

COMPOSITIONS D'ESSENCE CONTENANT D'ABSORBANTS UV DE TYPE OXANILIDE

Publication

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Application

EP 15169631 A 20150528

Priority

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Abstract (en)

A liquid fuel composition comprising: (a) a gasoline base fuel suitable for use in an internal combustion engine; and (b) one or more organic UV filter compounds selected from oxanilide compounds. The liquid fuel composition of the present invention provides benefits in terms of improved acceleration and/or power output of an internal combustion engine fuelled by said fuel as well as an increase in flame speed.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- WO 9009369 A1 19900823 - PENNWALT CORP [US]
- WO 2009077606 A2 20090625 - SHELL INT RESEARCH [NL], et al
- WO 2010028206 A1 20100311 - SHELL OIL CO [US], et al
- WO 2010000761 A1 20100107 - SHELL INT RESEARCH [NL], et al
- EP 09160983 A 20090525
- EP 09176879 A 20091124
- EP 09180904 A 20091229
- US 31230709 P
- US 5855629 A 19990105 - GRUNDY MICHAEL JOHN [GB], et al
- EP 0310875 A1 19890412 - BASF AG [DE]
- EP 0356725 A1 19900307 - BASF AG [DE]
- EP 0700985 A1 19960313 - BASF AG [DE]
- US 4877416 A 19891031 - CAMPBELL CURTIS B [US]
- DE 3838918 A1 19900523 - BASF AG [DE]
- DE 3826608 A1 19900208 - BASF AG [DE]
- DE 4142241 A1 19930624 - BASF AG [DE]
- DE 4309074 A1 19940922 - BASF AG [DE]
- EP 0452328 A1 19911023 - CHEVRON RES & TECH [US]
- EP 0548617 A2 19930630 - BASF AG [DE]
- DE 10102913 A1 20020725 - BASF AG [DE]
- WO 03076554 A1 20030918 - SHELL INT RESEARCH [NL], et al
- EP 12199119 A 20121221
- WO 2009050287 A1 20090423 - SHELL INT RESEARCH [NL], et al
- WO 9424231 A1 19941027 - BASF AG [DE], et al
- WO 9703946 A1 19970206 - BASF AG [DE], et al
- DE 19620262 A1 19971127 - BASF AG [DE]
- US 4849572 A 19890718 - CHEN FRANK J [US], et al
- EP 0831141 A1 19980325 - BP CHEMICALS ADDITIVES [GB]
- GILLESPIE, L.L., M.; SHEPPARD, C.G.; WOOLEY, R: "Aspects of laminar and turbulent burning velocity relevant to spark ignition engines", JOURNAL OF THE SOCIETY OF AUTOMOTIVE ENGINEERS, 2000
- SAGARIN ET AL.: "Cosmetics Science and Technology", 1972, pages: 189

Citation (search report)

- [X] GB 1362957 A 19740807 - SANDOZ LTD
- [X] US 3906041 A 19750916 - HOFER KURT, et al
- [A] EP 1273652 A1 20030108 - CHEVRON TEXACO JAPAN LTD [JP]
- [A] US 2010319243 A1 20101223 - ARADI ALLEN A [US], et al
- [A] WO 2011163122 A1 20111229 - SHELL OIL CO [US], et al

Cited by

US10808195B2; WO2017050777A1

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