

Title (en)
IGNITION IMPROVED FUELS

Title (de)
BRENNSTOFFE MIT VERBESSERTER ENTZÜNDUNG

Title (fr)
CARBURANTS DOTES DE CARACTERISTIQUES D'ALLUMAGE AMELIOREES

Publication
EP 1042433 A1 20001011 (EN)

Application
EP 98966311 A 19981214

Priority

- EP 98966311 A 19981214
- EP 9808131 W 19981214
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- US 7205098 P 19980121

Abstract (en)
[origin: WO9932584A1] A fuel is presented which is doped with 0.01-10 % by weight of cyclic ketone peroxide(s), characterized in that it comprises from 0.01 to 10 percent by weight of cyclic ketone peroxides of formula (I) wherein R1-R6 are independently selected from the group consisting of hydrogen, C1-C20 alkyl, C3-C20 cycloalkyl, C6-C20 aryl, C7-C20 aralkyl, and C7-C20 alkaryl, which groups may include linear or branched alkyl moieties; and each of R1-R6 may optionally be substituted with one or more groups selected from hydroxy, alkoxy, linear or branched alkyl, aryloxy, ester, carboxy, nitrile, and amido, with the proviso that said peroxides make up at least 35 % by weight of all peroxides in the fuel, to reduce the emission of pollutants when the fuel is used in a combustion engine. Also the process to make such fuels is presented.

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IPC 8 full level
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CPC (source: EP)
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