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(54) Title: HIGH OCTANE NUMBER COMPOSITION USEFUL AS FUEL FOR INTERNAL COMBUSTION AND CON-
TROLLED IGNITION ENGINE

(57) Abstract: The present invention discloses a fuel composition useful for internal combustion engine having an Octane Num-
ber from 95 to 105 comprising: (a) an unleaded and devoid of organometal compounds base gasoline having an Octane Number
(RON) from 90.1 to 103; (b) one or more aromatic amines selected in the group consisting of: (b1) 2,4-dialkylaniline, wherein the
alkyl groups in position 2 and 4, independently one from the other, are selected in the group consisting of methyl, ethyl, n-propyl,
iso-propyl, preferably both the alkyl groups in position 2 and 4 are methyl; (b2) N-Nitrosodiphenylamine. The process for prepar-
ing the above composition is also described along with the use of the aromatic amines selected between (b1) and (b2) and related
mixtures for increasing the Octane Number.



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