

Title (en)
IMPROVEMENT OF THE CETANE NUMBER OF DIESEL ENGINE FUELS

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Application
EP 88302532 A 19880323

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Abstract (en)
[origin: EP0293069A1] Disclosed is a novel cetane number improver additive for diesel engine fuels comprising tetralin hydroperoxide as the active ingredient. A diesel engine fuel composition having a high cetane number may be obtained by adding this additive to a diesel engine fuel in such an amount as to adjust its peroxide number to a value of 100 to 1,000. Also disclosed is a process for the production of a diesel engine fuel which comprises the steps of hydrogenating a naphthalene- or alkyl naphthalenes-containing hydrocarbon oil and partially oxidizing the hydrogenated oil to yield a hydrocarbon oil containing tetralin hydroperoxide.

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