

Title (en)
METHOD AND COMPOSITION FOR USING STABILIZED BETA-CAROTENE AS CETANE IMPROVER IN HYDROCARBONACEOUS DIESEL FUELS

Title (de)
VERFAHREN UND ZUSAMMENSETZUNG ZUR VERWENDUNG VON STABILISIERTEM BETA-CAROTIN ALS CETANVERBESSERER IN KOHLENWASSERSTOFFHALTIGEN DIESELKRAFTSTOFFEN

Title (fr)
COMPOSITION ET PROCEDE D'UTILISATION DU BETA-CAROTENE STABILISE COMME AMELIORANT DU CETANE DANS DES COMBUSTIBLES DIESEL HYDROCARBONES

Publication
EP 1532230 A2 20050525 (EN)

Application
EP 03736989 A 20030610

Priority
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• US 38838502 P 20020611
• US 40911502 P 20020905

Abstract (en)
[origin: WO03104360A2] A diesel fuel additive is provided that includes beta-carotene stabilized with 2,2,4-trimethyl-6-ethoxy-1,2-dihydroquinoline. The additive may be added to any liquid hydrocarbon fuel, solid hydrocarbon fuel, or other hydrocarbonaceous combustible fuel to reduce emissions of undesired components during combustion of the fuel, provide improved fuel economy, engine cleanliness, and/or performance. A method for preparing the additive is also provided.

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IPC 8 full level
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