

Title (en)  
USE OF MIXTURES OF MONOCARBOXYLIC ACIDS AND POLYCYCLIC HYDROCARBON COMPOUNDS FOR INCREASING THE CETANE  
NUMBER OF FUEL OILS

Title (de)  
VERWENDUNG VON MISCHUNGEN AUS MONOCARBONSÄUREN UND POLYCYCLISCHEN KOHLENWASSERSTOFFVERBINDUNGEN ZUR  
ERHÖHUNG DER CETANZAHL VON BRENNSTOFFÖLEN

Title (fr)  
UTILISATION DE MÉLANGES D'ACIDES MONOCARBOXYLIQUES ET DE COMPOSÉS HYDROCARBURES POLYCYCLIQUES POUR  
AUGMENTER L'INDICE DE CÉTANE D'HUILES COMBUSTIBLES

Publication  
**EP 2652095 A1 20131023 (DE)**

Application  
**EP 11794483 A 20111212**

Priority  
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Abstract (en)  
[origin: WO2012080168A1] Use of mixtures of (A) aliphatic saturated or unsaturated monocarboxylic acids having 12 to 24 carbon atoms or dimerization or trimerization products thereof, which can be present as free carboxylic acids and/or in the form of ammonium salts, amides, esters and/or nitriles, and (B) polycyclic hydrocarbon compounds which are obtainable from distillation residues of natural oils which were extracted from tree resins, for increasing the cetane number of fuel oils which contain at least one additive having detergent activity and at least one cetane number improver, wherein the mixtures of the components (A) and (B) are used at a concentration of 10 to 500 ppm by weight, based on the total amount of fuel oil.

IPC 8 full level  
**C10L 10/12** (2006.01)

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