

Title (en)

USE OF ALKYL PHENOL COMPOUNDS AS DETERGENT ADDITIVES FOR PETROLS

Title (de)

VERWENDUNG VON ALKYLPHENOLVERBINDUNGEN ALS WASCHMITTELADDITIVE FÜR BENZINE

Title (fr)

UTILISATION DE COMPOSÉS ALKYL PHÉNOL COMME ADDITIFS DE DÉTERGENCE POUR ESSENCES

Publication

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Application

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Abstract (en)

[origin: WO2021105268A1] The present invention relates to the use, for improving the detergency properties of a liquid fuel composition chosen from petrols comprising one or more detergent additives, of an additive consisting of one or more nitrogen-free compound(s) having an alkyl-phenol structure chosen from methyl-t-butyl phenols, dimethyl-t-butyl phenols, ethyl-t-butyl phenols, t-butyl phenols, di-t-butyl phenols, tri-t-butyl phenols, di-t-butyl-di-methyl phenols, and mixtures thereof. The present invention also relates to a method for improving the cleanliness of and/or for cleaning at least one inner portion of a spark-ignition internal combustion engine supplied with a liquid fuel chosen from petrols and comprising one or more detergent additives, the method consisting of adding to the fuel composition at least one such compound having an alkyl-phenol structure.

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