Title (en)

MULTIFUNCTIONAL ADDITIVE COMPOSITIONS ENABLING MIDDLE DISTILLATES TO BE OPERABLE IN COLD CONDITIONS

Title (de)

ZUSAMMENSETZUNG VON MEHRZWECKZUSÄTZEN ZUR KÄLTEVERWENDBARKEIT DER MITTELDESTILLATE

Title (fr)

COMPOSITION D'ADDITIFS MULTIFONCTIONNELS D'OPERABILITE A FROID DES DISTILLATS MOYENS

Publication

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Application

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Abstract (en)

[origin: WO0148122A1] The invention concerns a multifunctional additive enabling fuels to be operable in cold conditions, consisting of copolymers of at least a dicarboxylic compound with at least an olefin, and whereon are grafted nitrogenous functions and/or esters of general formula (I) wherein: R1 and R2, and R4 and R5, R3 and R6 are hydrogen or alkyl radicals, and x is selected among the amine salts and N-alkylpolyalkylenepolyamines and their monohydroxylated and polyhydroxylated derivatives, N-alkylpolyalkylenepolyamine alkylesters and esters, and alkylamines and N-alkylpolyalkylenepolyamines.

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