

Title (en)

USE OF DYE-STABLE BIOFUEL BLEND COMPOSITIONS

Title (de)

VERWENDUNG VON FARBSTABILE BIOKRAFTSTOFFMISCHZUSAMMENSETZUNGEN

Title (fr)

UTILISATION DE COMPOSITIONS DE MÉLANGES DE BIOCOMBUSTIBLES STABLES AUX COLORANTS

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Application

EP 12778929 A 20121018

Priority

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Abstract (en)

[origin: WO2013062840A1] The disclosure relates to a dye-stable furnace fuel composition comprising: about 10 to 99 parts by volume of a mineral oil component having an effective boiling range from about 160°C to about 380°C; about 1 to 90 parts by volume of a biocomponent fuel component comprising C 1 -C5 alkyl esterified fatty acids from renewable sources; one or more azo dye components present in an amount from about 0.5 mg/kg to about 5 mg/kg, relative to the total fuel composition; and a tert-butyl-functionalized hydroquinone antioxidant component present in an amount of at least about 50 vppm, relative to the fuel composition, wherein the fuel composition exhibits an increased dye stability, relative to a fuel composition having similar mineral oil and biocomponent fuel components and identical azo dye component(s), but having a different or no antioxidant component.

IPC 8 full level

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