

Title (en)

METHOD OF USING BIOLOGICALLY-DERIVED MONOESTERS AS DRILLING FLUIDS

Title (de)

VERFAHREN ZUR VERWENDUNG BIOLOGISCH GEWONNENER MONOESTER ALS BOHRSPÜLUNGEN

Title (fr)

PROCÉDÉ D'UTILISATION DE MONOESTERS D'ORIGINE BIOLOGIQUE EN TANT QUE FLUIDES DE FORAGE

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Application

EP 14758769 A 20140821

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- US 2014052043 W 20140821

Abstract (en)

[origin: WO2015027035A1] The present invention is directed to the method drilling a borehole with monoester-based drilling fluid compositions. In some embodiments, the methods for making such monoester-based lubricants utilize a biomass precursor and/or low value Fischer-Tropsch (FT) olefins and/or alcohols so as to produce high value monoester-based drilling fluids. In some embodiments, such monoester-based drilling fluids are derived from FT olefins and fatty acids. The fatty acids can be from a bio-based source (i.e., biomass, renewable source) or can be derived from FT alcohols via oxidation.

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See references of WO 2015027035A1

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