

Title (en)

BIOLOGICALLY-DERIVED MONOESTERS AS DRILLING FLUIDS

Title (de)

BIOLOGISCH ABGELEITETE MONOESTER ALS BOHRSPÜLUNGEN

Title (fr)

MONOESTERS D'ORIGINE BIOLOGIQUE UTILISÉS EN TANT QUE FLUIDES DE FORAGE

Publication

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Application

EP 14758768 A 20140821

Priority

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Abstract (en)

[origin: WO2015027032A1] The present invention is directed to monoester-based drilling fluid compositions and the method of drilling a borehole with said 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.

IPC 8 full level

C09K 8/36 (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2015027032A1

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