

Title (en)

COMPOSITIONS WHICH CAN BE USED AS BIOFUEL

Title (de)

ZUSAMMENSETZUNGEN VERWENDBAR ALS BIOTREIBSTOFF

Title (fr)

COMPOSITIONS POUVANT ETRE UTILISEES COMME BIOCARBURANT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006077023A2] The invention relates to a composition which contains an alkylester which is provided with an alkyl radical containing 1 - 8 carbon atoms and partial glycerides which have a glycerine content of free glycerine upto a maximum of 2 wt.% in relation to the total amount of the composition. The invention also relates to a first method for producing the inventive composition, wherein triglycerides are enzymatically reacted with an esterase in the presence of alcohols which are provided with a plurality of carbon atoms having 1 - 8 C atoms, said esterase being activated by adding alkaline salts. In an additional method, the esterases are immobilised and / or chemically modified. The invention further relates to a method, wherein the inventive composition is produced by chemical partial transesterification. The invention subsequently relates to a composition which can be obtained according to said method, in addition to the use of the inventive compositions as biodiesel or additives in fuel compositions.

IPC 8 full level

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