

Title (en)

METHOD FOR REDUCING THE CONTENT OF SATURATED MONOGLYCERIDES IN A RAW BIODIESEL

Title (de)

VERFAHREN ZUR VERRINGERUNG DES GEHALTS AN GESÄTTIGTEN MONOGLYCERIDEN IN EINEM ROH-BIODIESEL

Title (fr)

PROCÉDÉ POUR LA DIMINUTION DE LA TENEUR EN MONOGLYCÉRIDES SATURÉS DANS UN BIODIESEL BRUT

Publication

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Application

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Abstract (en)

[origin: WO2018210573A1] The invention relates to a method for reducing the content of monoglycerides (MG), in particular saturated monoglycerides (GMG), in a raw biodiesel (RB), which has a content of monoglycerides (MG) of between 0.4 and 0.7 wt% and a content of free fatty acids (FFA) of less than or equal to 0.25 wt%, comprising the following steps: A) providing the raw biodiesel (RB) having the constituents indicated above in the concentrations indicated above; B) adding (1) an alkaline aqueous solution (L) to the raw biodiesel (RB); C) mixing the alkaline aqueous solution (L), and thus glycerides in the biodiesel, preferably monoglycerides (MG), in particular saturated monoglycerides (GMG), being hydrolyzed; D) performing a first centrifugal separation (2) of a heavy phase (6) comprising the alkaline aqueous solution (L) with the hydrolyzed constituents from a light phase (7) comprising the biodiesel; E) drying (5) the light phase (7) or (9) in order to provide a processed biodiesel for use as a fuel having a content of monoglycerides of less than 0.4 wt%. The invention further relates to a use according to the invention.

IPC 8 full level

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Citation (search report)

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