

Title (en)
DECANTATION IMPROVEMENT IN A METHOD FOR PRODUCING ALKYL ESTERS FROM VEGETABLE OR ANIMAL OIL AND AN ALIPHATHIC MONOALCOHOL

Title (de)
DEKANTIERUNGSVERBESSERUNG IN EINEM VERFAHREN ZUR HERSTELLUNG VON ALKYLESTERN AUS PFLANZEN- ODER TIERÖL UND EINEM ALIPHATISCHEN MONOALKOHOL

Title (fr)
AMÉLIORATION DE LA DÉCANTATION DANS UN PROCÉDÉ DE PRODUCTION D'ESTERS ALKYLQUES À PARTIR D'HUILE VÉGÉTALE OU ANIMALE ET D'UN MONOALCOOL ALIPHATIQUE

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Abstract (en)
[origin: WO2009007529A2] The invention relates to a method for producing alkyl esters of fatty acids and glycerine using, in a reaction section, a reaction assembly for the transesterification between a vegetable or animal oil and an aliphathic monoalcohol and using a heterogeneous solid catalyst, comprising: a) the step of recontacting the effluent resulting from the reaction section and separated from the excess alcohol with a glycerine phase; b) the step of mixing said effluent with the glycerine phase; and c) the step of decanting the glycerine phase. The supernatant ester phase obtained after decantation is further optionally fed to a coalescer also for separating the glycerine, and to a purification step by adsorption on solids.

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