Title (en)
METHOD FOR PRODUCING FATTY ACID ESTER FROM FLATTENED OLEAGINOUS GRAINS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON FETTSÄUREESTER AUS FLACHGEDRÜCKTEN ÖLHALTIGEN KÖRNERN

Title (fr)
PROCÉDÉ DE PRÉPARATION D'ESTER D'ACIDES GRAS À PARTIR DE GRAINES OLÉAGINEUSES APLATIES

Publication
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Application
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Abstract (en)
[origin: WO2009013349A1] The invention relates to a method for preparing fatty acid esters particularly used as bio-diesel fuel from whole oleaginous grains, characterised in that it comprises the following successive steps: preheating the whole non-husked grains; flattening the oleaginous grains; drying the flattened grains in order to obtain a water content and a volatile material content between 0.5 and 2.5 %, and preferably between 1.5 % and 2 %; performing a transesterification by contacting the dried, flattened grains with an alcoholic medium in the presence of a catalyst; separating the liquid and solid phases resulting from the transesterification; neutralising the liquid phase from step d); and removing the alcohol and separating the glycerine from the fatty acid esters.

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Citation (search report)
See references of WO 2009013349A1

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