

Title (en)

Method for the production of fatty acid esters from non-deacidified fats and oils

Title (de)

Verfahren zur Herstellung von Fettsäureestern aus nicht entsäuerten Fetten und Ölen

Title (fr)

Procédé de production d'esters d'acides gras à partir de graisses et d'huiles non désacidifiées

Publication

EP 1308498 B1 20050720 (DE)

Application

EP 02023941 A 20021025

Priority

DE 10154365 A 20011106

Abstract (en)

[origin: EP1308498A1] Fatty acid lower alkyl ester production from undeacidified fats and oils comprises: esterifying triglyceride with lower alcohol in presence of Lewis acid and ester exchange of the deacidified mixture in presence of alkali hydroxide and lower alcohol and separating water and glycerol. <??>Fatty acid lower alkyl ester (I) production from undeacidified fats and oils comprises (a) esterifying technical triglyceride having acid number 1-50 with lower alcohol in presence of Lewis acid to reduce the acid number to less than 2; (b) ester exchange of the deacidified mixture in presence of alkali hydroxide and lower alcohol and separating water and glycerol; and optionally (c) further ester exchange in presence of alkali alcoholate and separating glycerol.

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C11C 3/00

IPC 8 full level

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CPC (source: EP)

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