

Title (en)

METHOD FOR REDUCING THE 3-MCPD CONTENT IN REFINED VEGETABLE OILS

Title (de)

VERFAHREN ZUR REDUZIERUNG DES 3-MCPD-GEHALTS IN RAFFINIERTEN PFLANZENÖLLEN

Title (fr)

PROCÉDÉ DE RÉDUCTION DE LA TENEUR EN 3-MCPD DANS DES HUILES VÉGÉTALES RAFFINÉES

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Application

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Abstract (en)

[origin: WO2010063450A1] The invention relates to a method for refining oils, wherein a crude oil is first degummed in such a manner that a degummed oil is obtained, the degummed oil is admixed with a bleaching earth and bleached, wherein a bleached oil is obtained, the bleaching earth is separated off from the bleached oil, and so a filter oil is obtained and the filter oil is deodorized, characterized in that water is added to the crude oil for the degumming, and the degumming is carried out without addition of acid at a temperature of below 70°C, and the degummed oil is preferably separated off from an aqueous phase, the degummed oil is heated to a temperature in the range from 80 to 100°C and the bleaching earth is added to the heated degummed oil in an amount of greater than 1.5% by weight, and the bleaching is carried out at a temperature in the range from 80 to 100°C.

IPC 8 full level

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CPC (source: EP)

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Cited by

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