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(54) **Direct hydrogenation process for glyceride oil.**

(57) The invention relates to a hydrogenation process for glyceride oil characterised by a control of moisture content of the reaction mixture comprising the steps of:

- i) selecting a glyceride oil comprising less than 60 mg P/kg oil;
- ii) carrying out the hydrogenation treatment by
 - a) contacting the glyceride oil with hydrogen in the presence of a hydrogenation catalyst
 - b) saturating partially the initially available double bonds in the glyceride oil and
 - c) removing the catalyst;

wherein the hydrogenation treatment being positively controlled by intentionally maintaining the moisture content of the reaction mixture comprising oil, hydrogenation catalyst and hydrogen, below 0.2% by weight calculated on the weight of the mixture; and

- iii) optionally, purifying the hydrogenated oil from

remains of catalyst.

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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
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A	INFORM vol. 2, no. 3 , 1991 , CHAMPAIGN US pages 208 - 213 ROLANDO CHARPENTIER 'Practical considerations in refining soybean oil' * page 212, column 1, paragraph 5 - column 2, paragraph 4 * * page 212; table 5 *	1	TECHNICAL FIELDS SEARCHED (Int.Cl.5) C11C
A	G. HOFFMANN 'The Chemistry and Technology of Edible Oils and Fats and their High Fat Products' 1989 , ACADEMIC PRESS , NEW YORK US * page 230, last paragraph - page 231, paragraph 5 *	1	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 31 January 1994	Examiner Dekeirel, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			



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A	US-A-3 278 568 (ALBERT DE JONGE ET AL.) * column 3, line 44 - line 67 * * claims 1-5 *	1	
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