

Title (en)

JATROPHA CURCAS PROCESSING METHODS AND PRODUCTS

Title (de)

JATROPHA-CURCAS-VERARBEITUNGSVERFAHREN UND -PRODUKTE

Title (fr)

PROCÉDÉS DE TRANSFORMATION DE JATROPHA CURCAS ET PRODUITS RÉSULTANTS

Publication

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Application

EP 11837023 A 20111026

Priority

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Abstract (en)

[origin: WO2012058315A2] A process for preparing a food or feed composition from J. curcas is disclosed. The method involves adding an acidified aqueous solution to J. curcas components, to a final pH of between 1 and 5, incubating the acidified mixture for a period for a period of at least 1 hour, and centrifuging the incubated mixture to separate the mixture into three physically distinct fractions: (i) a light, upper fraction containing oil, (ii) an aqueous fraction containing soluble acid-extracted components and breakdown products, and (iii) a substantially detoxified solid cake which forms or is used in forming the food or feed composition. The acidified aqueous solution added may be acidified olive vegetation water having a ratio of hydroxytyrosol to oleuropein of between 5:1 to 100:1. Also disclosed are a food or feed composition, and oil and aqueous fractions formed by the method.

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