9703038-1

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International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 :
C12P 7/40, 7/64, C11C 3/00, 3/02, A61K 31/20, 31/23, 7/00, 7/48 // (C12P 7/40, C12R 1:645) (C12P 7/64, C12R 1:645)

A1

(11) International Publication Number: **WO 96/21037**

(43) International Publication Date: 11 July 1996 (11.07.96)

(21) International Application Number: PCT/US96/00182

(22) International Filing Date: 3 January 1996 (03.01.96)

(30) Priority Data:
08/367,881 3 January 1995 (03.01.95) US

(60) Parent Application or Grant
(63) Related by Continuation
US 08/367,881 (CIP)
Filed on 3 January 1995 (03.01.95)

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(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AZ, BY, KZ, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published
With international search report.
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: ARACHIDONIC ACID AND METHODS FOR THE PRODUCTION AND USE THEREOF

(57) Abstract

The present invention relates to processes for the production of arachidonic acid containing oils, which preferably are substantially free of eicosapentaneoic acid. The invention also relates to compositions containing oils having very high amounts of arachidonic acid in triglyceride form, and to uses of such oils. In a preferred embodiment, *Mortierella alpina* is cultivated using conditions which yield triglyceride oil having particularly high levels of arachidonic acid residues, biomass is harvested and the oil is extracted, recovered, and used as an additive for infant formula.