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(21) International Application Number: PCT/EP99/04224 (22) International Filing Date: 17 June 1999 (17.06.99) (30) Priority Data: 98304802.6 17 June 1998 (17.06.98) EP (71) Applicant (for all designated States except US): GIST-BROCADES B.V. [NL/NL]; Wateringseweg 1, P.O. Box 1, NL-2600 MA Delft (NL). (72) Inventors; and (75) Inventors/Applicants (for US only): BEUDEKER, Robert, Franciscus [NL/NL]; Boomkwekerij 31, NL-2635 KC Den Hoorn (NL). COUTTEAU, Peter [BE/BE]; Inve Technolo- gies N.V., Oeverstraat 7, B-9200 Baasrode (BE). (74) Agents: WRIGHT, Simon, Mark et al.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (GB).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i>
(54) Title: MICROBIAL ARACHIDONIC ACID (ARA) FOR USE IN MARINE FEED		
(57) Abstract A marine feed composition is described comprising microbially derived arachidonic acid (ARA) or ARA in the form of a triglyceride. The ARA is suitably produced by a fungus, such as of the genus <i>Mortierella</i>, although the feed composition itself is free of microbial cells. These forms of ARA have been found to give better growth and pigmentation promotion in marine organisms (shrimps and fish) than corresponding phospholipid forms of ARA from fish oil. The ARA can be in the form of an oil, e.g. an oil-in-water emulsion or may first be fed to larvae, rotifers or nauplii which are themselves included in a composition as "live" feed for larger organisms.		