

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
29 April 2010 (29.04.2010)

PCT

(10) International Publication Number
WO 2010/048483 A1

(51) International Patent Classification:
A61K 31/00 (2006.01) *C11C 1/00* (2006.01)

(21) International Application Number:
PCT/US2009/061794

(22) International Filing Date:
23 October 2009 (23.10.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/108,303 24 October 2008 (24.10.2008) US
61/111,009 4 November 2008 (04.11.2008) US
12/371,100 13 February 2009 (13.02.2009) US
12/464,029 11 May 2009 (11.05.2009) US

(71) Applicant (for all designated States except US): **MEAD JOHNSON NUTRITION COMPANY** [US/US]; 2400 W. Lloyd Expressway, Evansville, IN 47721-0001 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ROSALES, Francisco, J.** [GT/SG]; 357B Holland Road, Singapore 278632 (SG). **RAI, Gyan, P.** [IN/US]; 9105 Halston Circle, Newburgh, IN 47630 (US). **MORRIS, Kristin** [US/US]; 709 N. Woods Avenue, Evansville, IN 47720 (US). **BANAVARA, Dattatreya** [IN/US]; 4055 Country Place Drive, Evansville, IN 47714 (US). **VAN TOL, Eric** [NL/NL]; Roemer Visscherstraat 62, NL-6824 MZ Arnhem (NL). **JOUNI, Zeina, E.** [US/US]; 1035 Johannes Court, Evansville, IN 47725 (US). **MCMAHON, Robert, J.** [US/US]; 12434 Red Gate Road, Evansville, IN 47725 (US). **SCHADE, Deborah, A.** [US/US]; 8100 Upper Mt.

Vernon Road, Evansville, IN 47712 (US). **WALKER, Donald, Carey** [US/US]; 615 Kirkwood Drive, Evansville, IN 47715 (US).

(74) Agent: **SHOUSE, Emily, A.**; Waddey & Patterson, Roundabout Plaza, Suite 500, 1600 Division Street, Nashville, TN 37203 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: NUTRITIONAL COMPOSITION TO PROMOTE HEALTHY DEVELOPMENT AND GROWTH

(57) Abstract: A nutritional composition having a lipid or fat; a protein source; a source of long chain polyunsaturated fatty acids which comprises docosahexanoic acid; and up to about 2.5% by weight of a source of supplemental calcium which, when dissociated, provides a cation having prebiotic functionality.



WO 2010/048483 A1