

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
15 March 2007 (15.03.2007)

PCT

(10) International Publication Number
WO 2007/029015 A1

(51) International Patent Classification:

C11C 3/08 (2006.01) *A23D 9/00* (2006.01)
C11C 3/10 (2006.01)

(21) International Application Number:

PCT/GB2006/003339

(22) International Filing Date:

8 September 2006 (08.09.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

05255490.4 8 September 2005 (08.09.2005) EP

(71) Applicant (for all designated States except US): **LODERS CROKLAAN B.V.** [NL/NL]; Hogeweg 1, NL-1521 AZ Wormerveer (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CAIN, Frederick, William** [GB/NL]; Dr. Blookerstraat 12, NL-2271 VL Voorburg (NL). **SCHMID, Ulrike** [DE/NL]; Loders Crokiaan BV, PO Box 4, NL-1520 AA Wormerveer (NL).

(74) Agent: **STEVENS, Ian**; Eric Potter Clarkson LLP, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).

(81) Designated States (unless otherwise indicated, for every

kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, 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, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR PRODUCING TRIGLYCERIDES

(57) **Abstract:** A process for producing triglycerides comprises: (a) subjecting a first triglyceride comprising at least 40 % by moles of oleic acid residues, based on total acyl groups in the triglyceride, to a reaction with stearic acid, at least one ester of stearic acid or a mixture thereof, to obtain a composition comprising 1,3-distearoyl 2-oleoyl glyceride and trioleoyl glyceride; (b) treating the composition to form a first fraction having an increased amount by weight of oleoyl groups compared to said composition and a second fraction having an increased amount by weight of stearoyl groups compared to said composition; (c) hydrolysing the first fraction to form oleic acid; and (d) reacting said oleic acid or an ester thereof with a triglyceride comprising at least 50 % by moles of palmitic acid residues, based on total acyl groups, to form a composition comprising 1,3-dioleoyl 2-palmitoyl glyceride.

WO 2007/029015 A1