

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
11 June 2009 (11.06.2009)

PCT

(10) International Publication Number
WO 2009/073601 A3

(51) International Patent Classification:
C08G 63/06 (2006.01) *C08G 63/00* (2006.01)
C08G 63/82 (2006.01)

(21) International Application Number:
PCT/US2008/085122

(22) International Filing Date:
1 December 2008 (01.12.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/998,612 30 November 2007 (30.11.2007) US

(71) Applicant and

(72) Inventor: LAURINO, Joseph [US/US]; 10144 Arbor
Run Drive, Unit 47, Tampa, FL 33647 (US).

(74) Agents: SALIWANCHIK, David, R. et al.; Saliwanchik,
Lloyd & Saliwanchik, A Professional Association, P.O.
Box 142950, Gainesville, FL 32614-2950 (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, 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, 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, MT, NL, NO, 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 (Art. 21(3))
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments (Rule 48.2(h))

(88) Date of publication of the international search report:
3 September 2009

(54) Title: CHELATING COMPOUND, AND METHOD OF USE OF, POLY (2-OCTADECYL-BUTANEDIOATE) AND THE
CORRESPONDING ACID, POLY (2-OCTADECYL-BUTANEDIOATE)

(57) Abstract: A Chelating agent comprising a polymer backbone. The polymer backbone has a plurality of carbon atoms. There
are two carboxylate groups or carboxylic acid groups per repeating unit being coupled to separate carbon atoms of the backbone.



WO 2009/073601 A3