



(51) International Patent Classification:

C08L 23/22 (2006.01) C08J 3/24 (2006.01)
C08J 3/07 (2006.01)

(21) International Application Number:

PCT/CA2015/050608

(22) International Filing Date:

29 June 2015 (29.06.2015)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

14175016.6	30 June 2014 (30.06.2014)	EP
14175973.8	7 July 2014 (07.07.2014)	EP
15173206.2	22 June 2015 (22.06.2015)	EP

(71) Applicant: LANXESS INC. [CA/CA]; 1265 Vidal Street
South, Sarnia, Ontario N7T 7M2 (CA).

(72) Inventors: THOMPSON, David; 385 Wharncliffe Road
N., London, Ontario N6G 1E4 (CA). LUND, Clinton; 524
Maplewood Lane, London, Ontario N6H 0A7 (CA).

(74) Agent: BRUNET & CO. LTD.; 401 Bay Street, Suite
1600, Toronto, Ontario M5H 2Y4 (CA).

(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, BN, 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, IR, IS, JP, KE, KG, KN, KP, KR,
KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG,
MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM,
PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC,
SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ,
TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU,
TJ, TM), European (AL, 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, RS, SE, SI, SK,
SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a
patent (Rule 4.17(ii))

Published:

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

(54) Title: NOVEL ANTI-AGGLOMERANTS FOR THE RUBBER INDUSTRY

(57) Abstract: The invention relates to a method to reduce or prevent agglomeration of rubber particles in aqueous media by LCST compounds and elastomers obtained thereby. The invention further relates to elastomer products comprising the same or derived therefrom..

