

(43) International Publication Date
29 September 2011 (29.09.2011)(10) International Publication Number
WO 2011/117297 A1(51) International Patent Classification:
C08F 6/00 (2006.01) **C08L 23/28** (2006.01)(21) International Application Number:
PCT/EP2011/054447(22) International Filing Date:
23 March 2011 (23.03.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10003140.0 24 March 2010 (24.03.2010) EP
10157706.2 25 March 2010 (25.03.2010) EP(71) Applicant (for all designated States except US):
LANXESS INTERNATIONAL SA [CH/CH]; Route
Louis Braille 12, CH-1763 Granges-Paccot (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KIRCHHOFF, Jörg** [DE/DE]; Gerstenkamp 4, 51061 Köln (DE). **FELLER, Rolf** [DE/DE]; Klutenscheuer 4c, 40822 Mettmann (DE). **PAUL, Hanns-Ingolf** [DE/DE]; Stürderstr. 20a, 51375 Leverkusen (DE). **WIESNER, Udo** [DE/DE]; Gervasiusstraße 8, 53332 Bornheim (DE). **LOVE-****GROVE, John** [CA/CA]; 1264 Lakeshore Road, Sarnia, Ontario N7S 2L4 (CA). **GRONOWSKI, Adam** [CA/CA]; 1236 Wiltshire Drive, Sarnia, Ontario N7S 3W2 (CA).(74) Agent: **DEBLON, Stephan**; Lanxess Deutschland GmbH, Gebäude Q18, 51369 Leverkusen (DE).

(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, 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, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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,

[Continued on next page]

(54) Title: PROCESS FOR THE PRODUCTION OF WATER AND SOLVENT-FREE HALOBUTYL RUBBERS

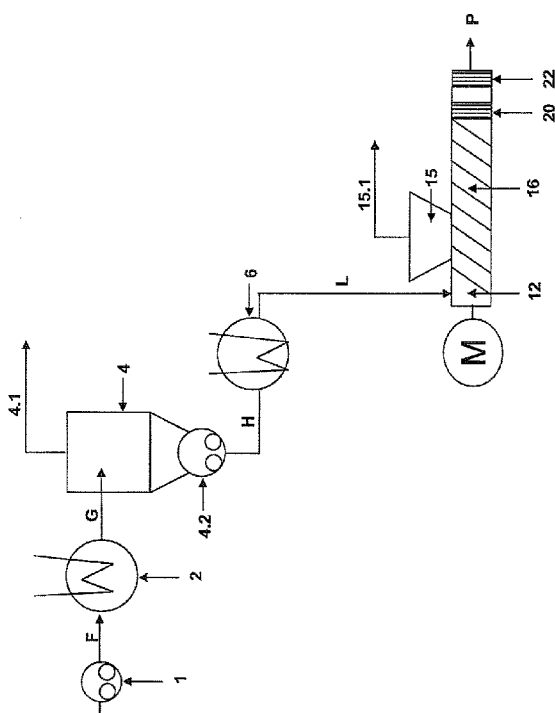


Fig. 1 (57) Abstract: The present invention relates to water and solvent -free halogenated butyl rubber products as a process for the production thereof. The process comprises at least the steps of: a.) treating a fluid containing at least one halogenated butyl rubber and at least one volatile compound in at least one concentrator unit, b.) reheating the concentrated fluid and c.) feeding the reheated concentrated fluid into at least one extruder.

WO 2011/117297 A1



LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, **Published:**

SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, — *with international search report (Art. 21(3))*
GW, ML, MR, NE, SN, TD, TG).