

(51) International Patent Classification:
C09K 8/62 (2006.01)(21) International Application Number:
PCT/IB2014/002498(22) International Filing Date:
18 November 2014 (18.11.2014)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/905,340 18 November 2013 (18.11.2013) US
14/308,160 18 June 2014 (18.06.2014) US(71) Applicant: CLEARWATER INTERNATIONAL, LLC
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(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).

Published:

— without international search report and to be republished upon receipt of that report (Rule 48.2(g))

(54) Title: METHOD TO CONSOLIDATE SOLID MATERIALS DURING SUBTERRANEAN TREATMENT OPERATIONS

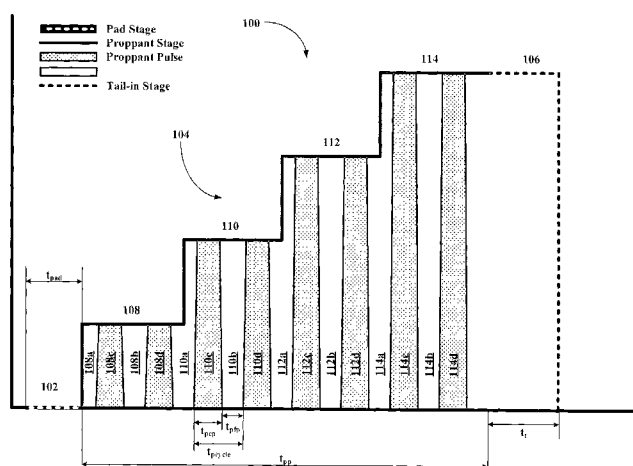


FIG. 1A

(57) Abstract: Compositions include (1) aggregating compositions capable of forming deformable partial or complete coatings on formation surfaces, formation particle surfaces, downhole fluid solid surfaces, and/or proppant surfaces, where the coatings increase aggregation and/or agglomeration propensities of the particles and surfaces to form particles clusters or pillars having deformable coatings, and (2) aggregation stabilizing and/or strengthening compositions capable of altering properties of the coated clusters or pillars to form consolidated, stabilized, and/or strengthened clusters or pillars. Methods for stabilizing aggregated particle clusters or pillars include (1) treating the particles with an aggregating composition to form aggregated clusters or pillars and (2) treating the aggregated particle clusters or pillars with a stabilizing or strengthening composition to form consolidated, stabilized, and/or strengthened clusters or pillars.