

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

(19) World Intellectual Property
Organization
International Bureau



(10) International Publication Number
WO 2020/141129 A1

(43) International Publication Date
09 July 2020 (09.07.2020)

- (51) **International Patent Classification:**
C04B 28/02 (2006.01) *C04B 40/00* (2006.01)
- (21) **International Application Number:**
PCT/EP2019/086913
- (22) **International Filing Date:**
23 December 2019 (23.12.2019)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
19150160.0 03 January 2019 (03.01.2019) EP
- (71) **Applicant:** **SIKA TECHNOLOGY AG** [CH/CH]; Zugerstrasse 50, 6340 Baar (CH).
- (72) **Inventors:** **LUCERO, Andrea**; 137 Orient Way, Rutherford, New Jersey 07070 (US). **GALLEGOS, Pedro**; Tte. Luis Uribe 121, Sindempart, Coquimbo (CL). **OLIVARES, Hugo**; Los Tulipanes 1931, Santiago (CL). **VALDEBENITO, Carolina**; San Pedro Fabro Norte 2541, Padre Hurtado, Santiago (CL).
- (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, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, 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:

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

WO 2020/141129 A1

(54) **Title:** MODIFIED OXYALKILAMINES AS SHRINKAGE REDUCING AGENTS IN CEMENTITIOUS COMPOSITIONS

(57) **Abstract:** An adduct of a polyetheramine and an epoxy-containing compound is used as an agent for reducing drying shrinkage and/or drying cracking in a mineral binder composition.