

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
16 July 2020 (16.07.2020)



(10) International Publication Number
WO 2020/146806 A1

(51) International Patent Classification:

B05D 1/02 (2006.01) *B05D 1/28* (2006.01)
B05D 1/16 (2006.01)

07032 (US). **WILLIAMS, Overton**; 38 East 34th Street, Patterson, NJ 07514 (US). **CHEUNG, Wilson**; 4 Burniston Ct., Hillsborough, NJ 08844 (US).

(21) International Application Number:

PCT/US2020/013197

(74) **Agent: DIRAMIO, Jacqueline A.** et al.; Venable LLP, 600 Massachusetts Avenue, NW, Washington, DC 20001 (US).

(22) International Filing Date:

10 January 2020 (10.01.2020)

(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, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/790,853 10 January 2019 (10.01.2019) US
16/740,179 10 January 2020 (10.01.2020) US

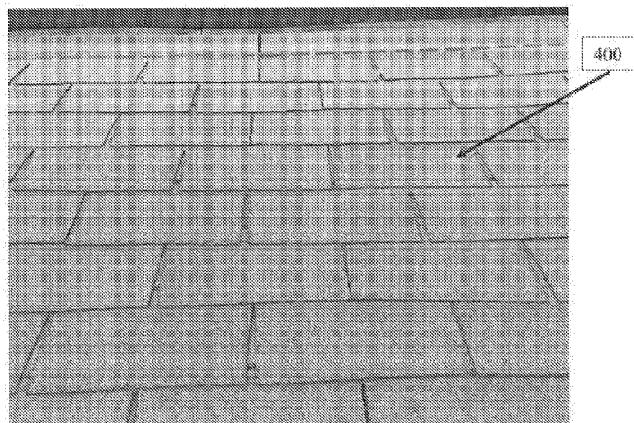
(71) **Applicant: BUILDING MATERIALS INVESTMENT CORPORATION** [US/US]; 2600 Singleton Blvd., Dallas, TX 75212 (US).

(72) **Inventors: BOSS, Daniel, E.**; 68 Redner Road, Morris Township, NJ 07960 (US). **TIBAH, Denis Mulki**; 104 Windsor Circle, Waxahachie, TX 75165 (US). **RUFUS, Isaac Bernard**; 337 Mathew Flocco Dr., Newark, DE 19713 (US). **CHICH, Adem**; 21 New Lawn Ave., Kearny, NJ

(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,

(54) **Title:** NON-ASPHALTIC COATINGS, NON-ASPHALTIC ROOFING MATERIALS, AND METHODS OF MAKING THERE-OF

FIGURE 13



(57) **Abstract:** This invention, in embodiments, relates to non-asphaltic coatings for roofing materials, to roofing materials made therefrom and to methods of preparing such coatings and roofing materials. By blending thermoplastic polymers with appropriate fillers and/or recycled materials, a composition is produced that can be pressed into a desired shape, or that can be additionally mixed with oils, resins and/or waxes to provide a liquid that can be poured onto an appropriate substrate.

[Continued on next page]

WO 2020/146806 A1

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))*
- *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))*