

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
09 May 2019 (09.05.2019)



(10) International Publication Number
WO 2019/087179 A1

(51) International Patent Classification:

C04B 26/06 (2006.01) C04B 14/28 (2006.01)
C04B 14/06 (2006.01) C08K 3/00 (2018.01)
C04B 14/02 (2006.01) B44F 9/04 (2006.01)
C04B 14/10 (2006.01) B29C 67/24 (2006.01)

(21) International Application Number:

PCT/IL2018/051118

(22) International Filing Date:

18 October 2018 (18.10.2018)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

1718089.4 01 November 2017 (01.11.2017) GB

(71) Applicant: **CAESARSTONE LTD.** [IL/IL]; 3780400
Kibbutz Sdot-Yam (IL).

(72) Inventors: **MARGALIT, Erez**; 1910500 Moshav Mer-
havia (IL). **GORELIK, Boris**; 1/5 Netafim St., 99875 Tzur
Hadaasa (IL). **GOLAN, Alon**; 1 Nahshon St., 36803 Neshet
(IL). **RON, Yaacov**; 37 Irusim St., 1932300 Ahuzat Barak
(IL). **WINEK, Ido**; 8 Golan St., 2018700 Mizpe Aviv (IL).

(74) Agent: **GEYRA GASSNER KESTEN** et al.; 55 Yigal
Alon St., 6789115 Tel Aviv (IL).

(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).

(54) Title: COMPOSITIONS COMPRISING AN ACRYLIC POLYMER AND PROCESSES OF PREPARING THE SAME

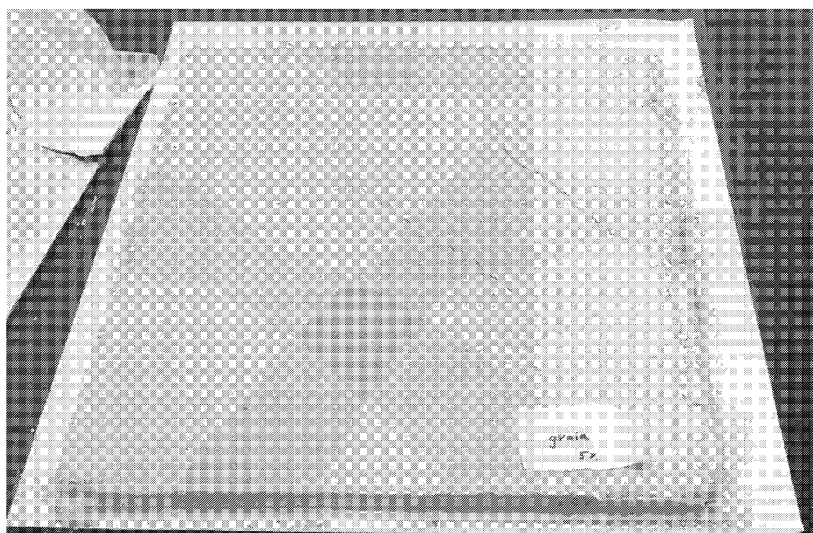


Figure 1A

(57) Abstract: Composites made of a cross-linked acrylic polymer and an inorganic aggregate and/or mineral, with the cross-linked acrylic polymer being present at a concentration of 5% to 17%, by weight, are disclosed. Processes of preparing the composites are also disclosed.

[Continued on next page]

WO 2019/087179 A1

Published:

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