

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

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
15 December 2022 (15.12.2022)



(10) International Publication Number
WO 2022/260605 A1

(51) International Patent Classification:

C04B 18/20 (2006.01) C04B 28/02 (2006.01)

(21) International Application Number:

PCT/SK2022/000004

(22) International Filing Date:

07 June 2022 (07.06.2022)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

PP 42-2021 07 June 2021 (07.06.2021) SK
PUV 81-2021 07 June 2021 (07.06.2021) SK

(72) Inventors; and

(71) Applicants: NAGY, Ottó [SK/SK]; Horný Bar 285, 930 33
Horný Bar (SK). NAGY, Ottó [SK/SK]; Horný Bar 285,
930 33 Horný Bar (SK).

(74) Agent: BRICHTA & PARTNERS S.R.O.; Grosslingová
6-8, 811 09 Bratislava (SK).

(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, IQ, IR, IS, IT, JM, 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.

(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).

Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

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

(54) Title: CEMENT PLASTIC MIXTURE

(57) Abstract: The cement plastic mixture contains 29% of weight to 43% of weight of plastic crumb, 56% of weight to 69% of weight of cement and 1.0% of weight to 2.0% of weight of superplasticizer with addition of 6.0% of weight to 12% of weight of sand with a fraction 0.3 mm to 2.0 mm and 4.0% of weight to 14.0% of weight of water.



WO 2022/260605 A1