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

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
29 June 2017 (29.06.2017)

WIPO | PCT

(10) International Publication Number
WO 2017/108182 A8

(51) International Patent Classification:
C04B 28/02 (2006.01) *C04B 28/14* (2006.01)
C04B 28/04 (2006.01) *C04B 38/02* (2006.01)
C04B 28/12 (2006.01)

(21) International Application Number:
PCT/EP2016/002147

(22) International Filing Date:
21 December 2016 (21.12.2016)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10 2015 016 733.2
22 December 2015 (22.12.2015) DE

(71) Applicant: **KNAUF GIPS KG** [DE/DE]; Am Bahnhof 7, 97346 Iphofen (DE).

(72) Inventor: **BAESE, Rauno**; Uhlandstr. 16a, 97072 Würzburg (DE).

(74) Agent: **KNAUF GIPS KG**; Patentmanagement, Am Bahnhof 7, 97346 Iphofen (DE).

(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, 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))*

(48) Date of publication of this corrected version:
15 March 2018 (15.03.2018)

(15) Information about Correction:
see Notice of 15 March 2018 (15.03.2018)

(54) Title: METHOD FOR POROSIFICATION OF CONSTRUCTION MATERIALS USING SILOXANES AND POROSIFIED BUILDING MATERIALS

(57) Abstract: Method for producing a porous, cementitious building component, including at least the steps: mixing a binder with water and an active porosification agent, forming and drying the mixture, characterised in that the active porosification agent is a siloxane, wherein a reduction of the gross weight of the cementitious building component of at least 10 wt.% is achieved solely through the active porosification of the siloxane.

WO 2017/108182 A8