



(51) International Patent Classification:

C04B 35/584 (2006.01) *C04B 35/65* (2006.01)
C04B 35/591 (2006.01) *C30B 11/00* (2006.01)

(21) International Application Number:

PCT/NO2010/000149

(22) International Filing Date:

23 April 2010 (23.04.2010)

(25) Filing Language:

Norwegian

(26) Publication Language:

English

(30) Priority Data:

2009 1622 23 April 2009 (23.04.2009) NO

(71) Applicant (for all designated States except US):
CRUSIN AS [NO/NO]; Richard Birkelandsvei 2b,
N-7491 Trondheim (NO).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SØRHEIM, Håvard** [NO/NO]; Høilivegen 12, N-7052 Trondheim (NO).
SOLHEIM, Arve [NO/NO]; Martin Kregnesveg 31,
N-7091 Trondheim (NO).

(74) Agent: **BRYN AARFLOT AS**; P.O. Box 449 Sentrum,
N-0104 Oslo (NO).

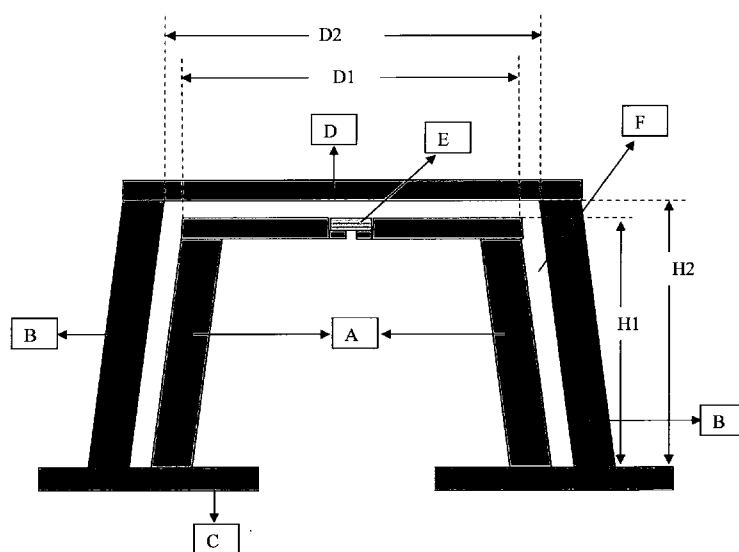
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, 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, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (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, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHOD FOR PREPARING OF CERAMIC SHAPED PART, APPARATUS AND USE THEREOF

Figure 1



(57) Abstract: Method and apparatus for preparing of at least a ceramic shaped part comprising - providing a cavity between at least one external shape and at least one internal shape, - providing a Si-containing powder composition in the cavity, - heating the Si-powder composition in a reactive gas atmosphere to a temperature obtaining a reaction bounded ceramic shaped part and use thereof.

WO 2010/123379 A1



Published:

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