

(19) World Intellectual Property Organization
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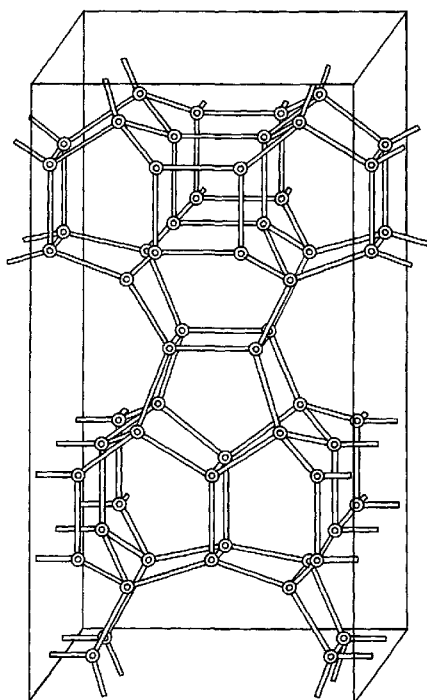
(43) International Publication Date
5 December 2002 (05.12.2002)

PCT

(10) International Publication Number
WO 02/096803 A1

- (51) International Patent Classification⁷: **C01B 37/02**, 39/48, C01G 1/00
- (21) International Application Number: PCT/US02/14411
- (22) International Filing Date: 7 May 2002 (07.05.2002)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
09/866,907 29 May 2001 (29.05.2001) US
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- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYNTHETIC POROUS CRYSTALLINE MATERIAL ITQ-3, ITS SYNTHESIS AND USE



(57) Abstract: A new synthetic porous crystalline material, designated ITQ-13, is disclosed having, in its calcined form, the X-ray diffraction pattern of Table 2 above. Also disclosed are methods of making ITQ-13 in its silicate and borosilicate forms in the presence of HF using hexamethonium dihydroxide as a directing agent and hydolyzed tetraethylorthosilicate as a silica source. Aluminum-containing ITQ-13 can be produced by Al exchange of the borosilicate material. ITQ-13 is useful as an acid catalyst and as an adsorbent.



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