



(51) International Patent Classification:

C01B 39/02 (2006.01) *B01J 20/18* (2006.01)
C01B 33/06 (2006.01) *B01J 20/16* (2006.01)

(21) International Application Number:

PCT/US2012/032245

(22) International Filing Date:

5 April 2012 (05.04.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/474,931 13 April 2011 (13.04.2011) US

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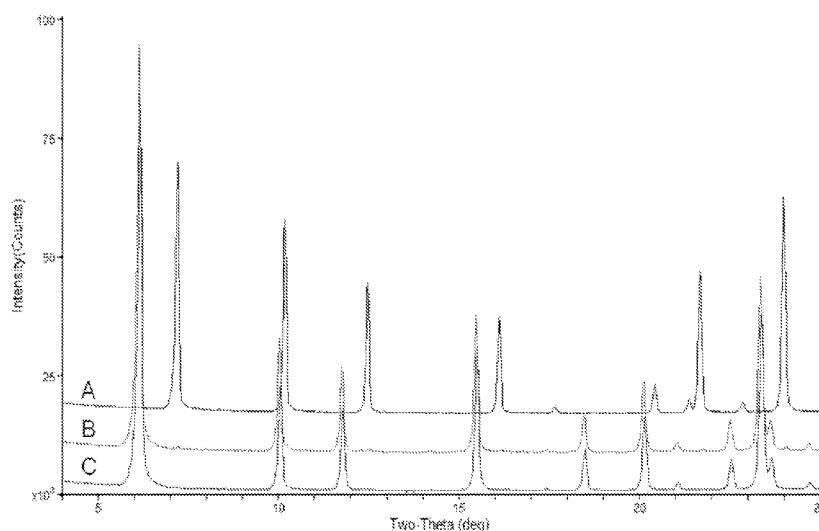
(81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, 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, QA, RO, RS, RU, RW, 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, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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, ML, MR, NE, SN, TD, TG).

Published:

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

[Continued on next page]

(54) **Title:** ALUMINOSILICATE X-TYPE ZEOLITE COMPOSITIONS WITH LOW LTA-TYPE ZEOLITE**Fig. 1**

(57) **Abstract:** A zeolite X having (a) a Si/Al framework mole ratio in a range from 1.0 to 1.5; (b) a mean diameter not greater than 2.7 microns; and (c) a relative LTA intensity not greater than 0.35, as determined by x-ray diffraction (XRD). The relative LTA intensity is calculated as 100 times the quotient of a sample LTA XRD intensity divided by a reference XRD intensity of an LTA-type zeolite material. The intensities are summed for each LTA peak with Miller indices of (2 0 0), (4 2 0), and (6 2 2) at $7.27 \pm 0.16^\circ$, $16.29 \pm 0.34^\circ$ and $24.27 \pm 0.50^\circ$ 2 θ .



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