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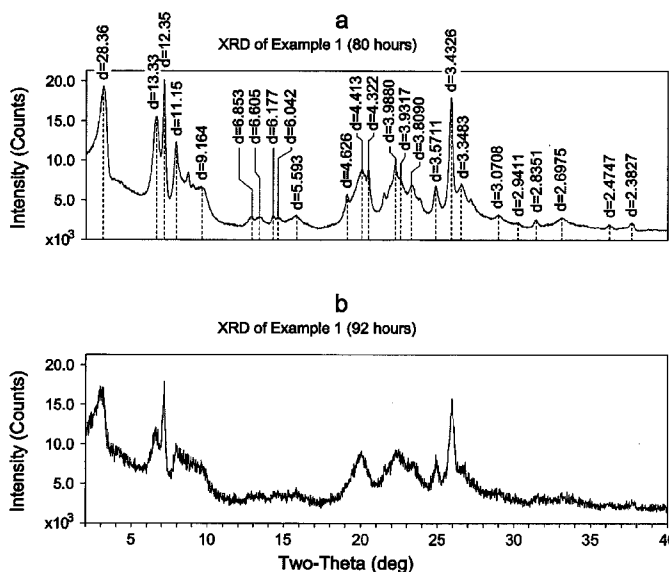
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(54) Title: A NOVEL MOLECULAR SIEVE COMPOSITION, A METHOD OF MAKING AND A PROCESS OF USING THE SAME



(57) Abstract: This disclosure relates to a crystalline MCM-22 family molecular sieve composition having, in its as-synthesized form, an X-ray diffraction pattern including a peak at d-spacing maximum of 12.33±0.23 Angstroms, a distinguishable peak at a d-spacing maximum between 12.57 to about 14.17 Angstroms and a non-discrete peak at a d-spacing maximum between 8.8 to 11. Angstroms, wherein the peak intensity of the d-spacing maximum between 12.57 to about 14.17 Angstroms is less than 90% of the peak intensity of the d-spacing maximum at 12.33±0.23 Angstroms. This disclosure also relates to methods of making the crystalline MCM-22 family molecular sieve composition.



PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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