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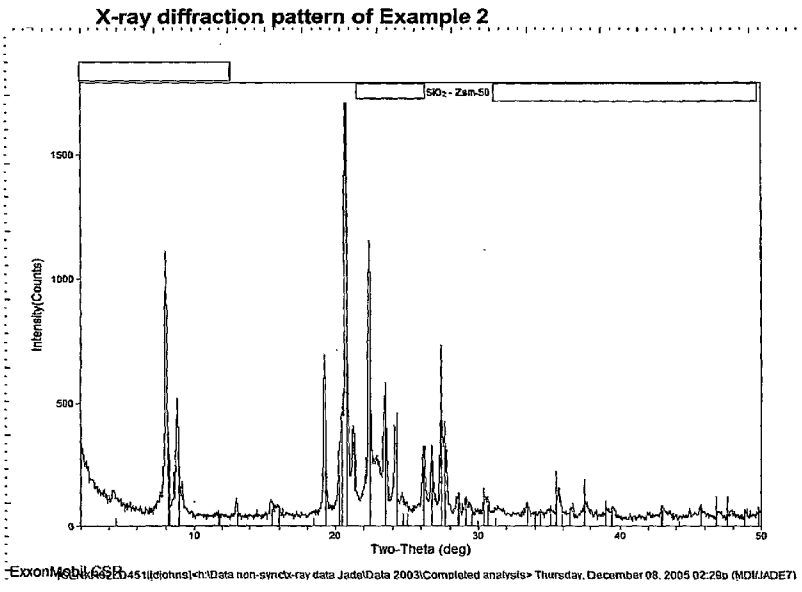
— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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[Continued on next page]

(54) **Title:** A HIGH THROUGHPUT PROCESS FOR MANUFACTURING MOLECULAR SIEVES



(57) **Abstract:** A method of crystallizing a crystalline molecular sieve having a pore size in the range of from about 2 to about 19 A, said method comprising the steps of (a) providing a mixture comprising at least one source of ions of tetravalent element (Y), at least one hydroxide source (OH^-), and water, said mixture having a solid-content in the range of from about 15 wt.% to about 50 wt.%; and (b) treating said mixture to form the desired crystalline molecular sieve with stirring at crystallization conditions sufficient to obtain a weight hourly throughput from about 0.005 to about 1 hr^{-1}, wherein said crystallization conditions comprise a temperature in the range of from about 200°C to about 500°C and a crystallization time less than 100 hr.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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