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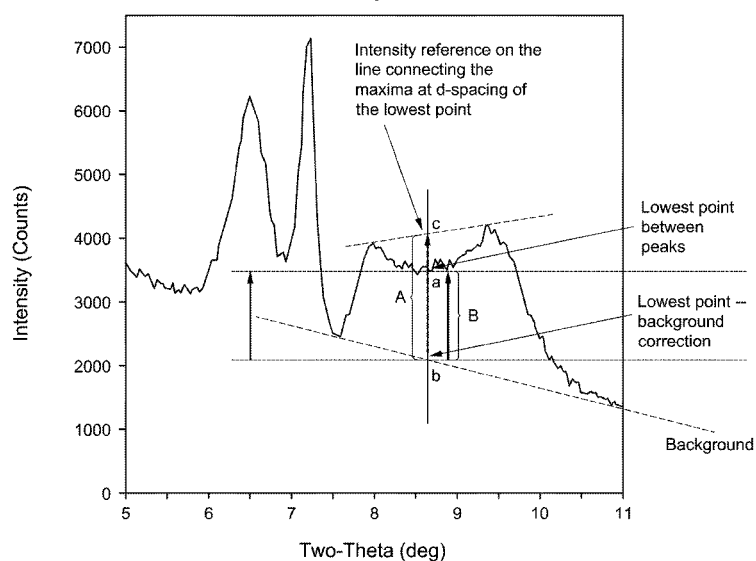
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Declarations under Rule 4.17:

[Continued on next page]

(54) Title: A NOVEL MOLECULAR SIEVE COMPOSITION EMM-12, A METHOD OF MAKING AND A PROCESS OF USING THE SAME

Fig. 1



(57) Abstract: This disclosure relates to an EMM-12 molecular sieve having, in its as-synthesized form and in calcined form, an X-ray diffraction pattern including peaks having a d-spacing maximum in the range of 14.17 to 12.57 Angstroms, a d-spacing maximum in the range of 12.1 to 12.56 Angstroms, and non-discrete scattering between about 8.85 to 11.05 Angstroms or exhibit a valley in between the peaks having a d-spacing maximum in the range of 10.14 to 12.0 Angstroms and a d-spacing maximum in the range from 8.66 to 10.13 Angstroms with measured intensity corrected for background at the lowest point being not less than 50 % of the point at the same XRD d-spacing on the line connecting maxima in the range of 10.14 to 12.0 Angstroms and in the range from 8.66 to 10.13 Angstroms.



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- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
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