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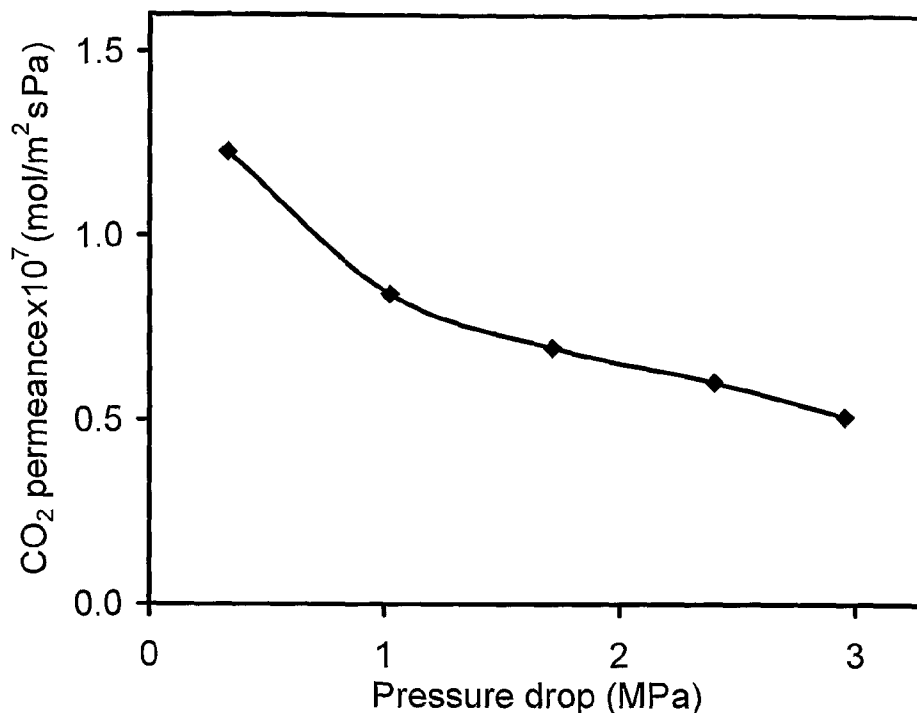
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[Continued on next page]

(54) Title: MEMBRANES FOR HIGHLY SELECTIVE SEPARATIONS



(57) Abstract: The present invention provides modified molecular sieve membranes with improved CO₂/CH₄ separation selectivity and methods for making such membranes. The molecular sieve membranes are modified by adsorption of a modifying agent, such as ammonia, within and/or on the membrane.

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