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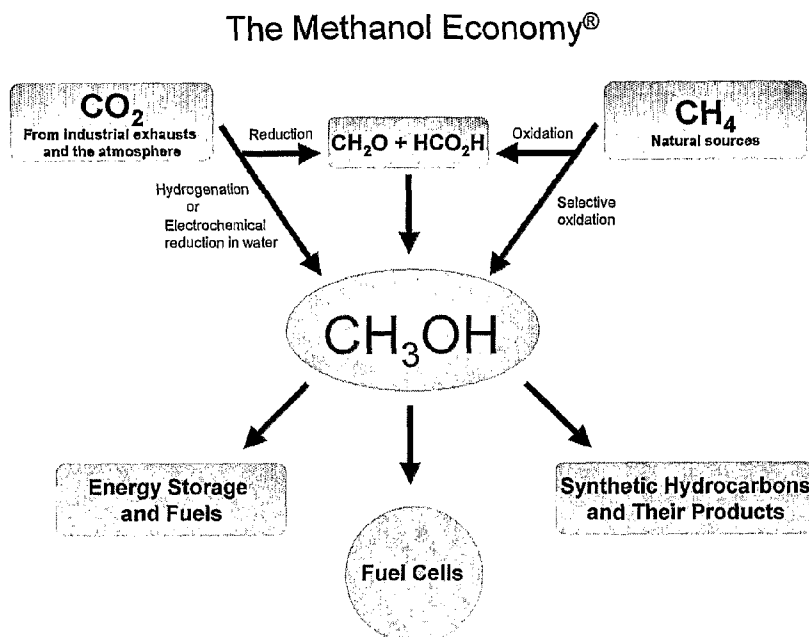
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(54) Title: SELECTIVE OXIDATIVE CONVERSION OF METHANE TO METHANOL, DIMETHYL ETHER AND DERIVED PRODUCTS



(57) Abstract: The present invention relates to a method of producing methanol from a methane source by oxidizing methane under conditions sufficient to a mixture of methanol and formaldehyde while minimizing the formation of formic acid and carbon dioxide. The oxidation step is followed by treatment step in which formaldehyde is converted into methanol and formic acid which itself can further be converted into methanol via catalytic hydrogenation of intermediately formed methyl formate.

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