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(54) Title: PROCESS FOR PRODUCING FUNCTIONALIZED ORGANIC MOLECULES AND USES THEREOF

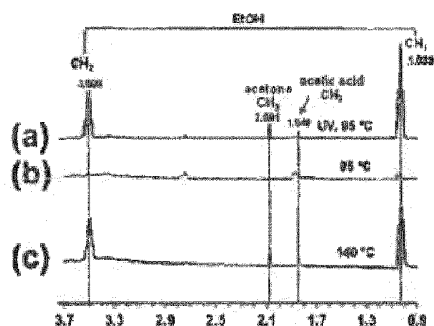


Fig. 4

(57) Abstract: The invention relates to a process for producing functionalized organic molecules having 1 to 3 carbon atoms comprising the step of - contacting carbon dioxide as the only gas or a gas mixture comprising or consisting of carbon dioxide and methane in presence of water with a catalyst comprising or consisting of permanently polarized hydroxyapatite. Further, the invention relates to uses of the process.