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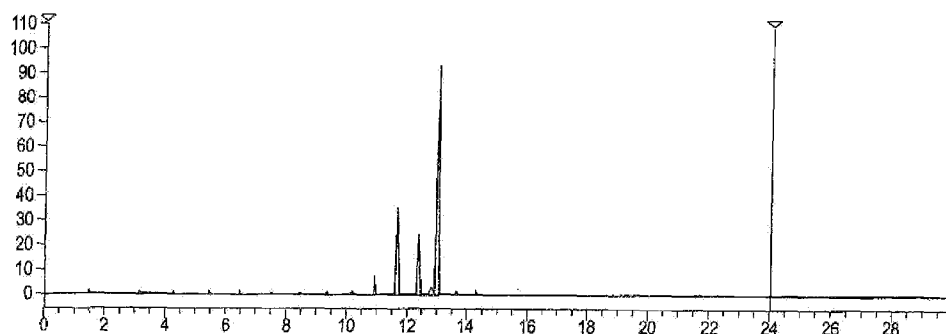


Fig. 4

(57) Abstract: A process for producing a hydrocarbon from biomass. A feed stream having free fatty acids, fatty acid esters or combinations thereof is provided. The feed stream is heated in the presence of a first catalyst to produce a partially hydrodeoxygenated stream. The partially hydrodeoxygenated stream is heated in the presence of a second catalyst to produce an effluent stream containing the hydrocarbon.

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