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(54) Title: PROFITABLE METHOD FOR CARBON CAPTURE AND STORAGE

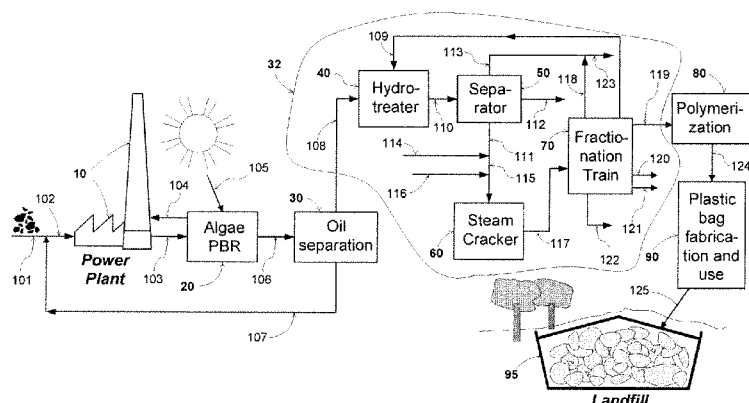


FIG. 1

(57) Abstract: The present invention generally relates to a method for sequestering carbon dioxide. Biomass is converted into paraffinic hydrocarbons. The paraffinic hydrocarbons are steam cracked into olefins. The olefins are polymerized into non-biodegradable polyolefins.