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(54) Title: METHODS FOR RECOVERING HYDROGEN FROM ISOMERIZING AND REFORMING OF HYDROCARBONS

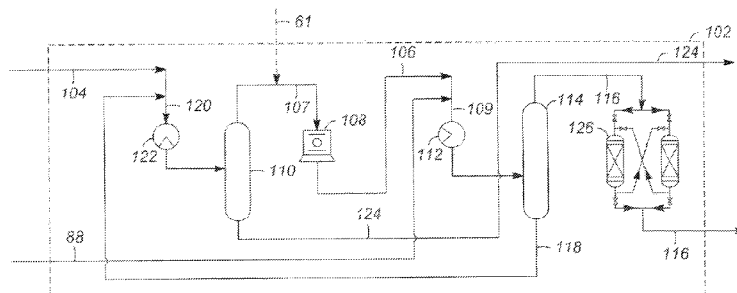


FIG. 4

(57) Abstract: Embodiments of methods for recovering hydrogen from isomerizing and reforming of hydrocarbons are provided. The method comprises the steps of combining a HCl-scrubbed, isomerization-zone net gas stream that comprises hydrogen and C₆-hydrocarbons with a reforming-zone net gas stream that comprises hydrogen and C₆-hydrocarbons to form a combined net gas stream that comprises hydrogen and light end hydrocarbons. The light end hydrocarbons are extracted from the combined net gas stream in a re-contacting zone using a reforming-zone product stream that comprises C₅+ hydrocarbons to form a hydrogen-rich net gas stream.