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(54) Title: CO-PROCESSING OF RENEWABLE JET AND DIESEL

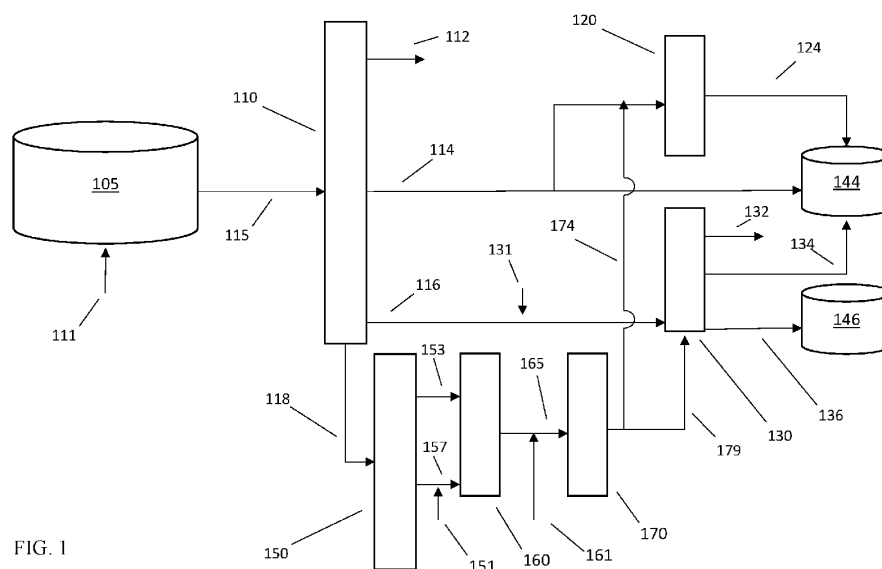


FIG. 1

(57) Abstract: Systems and methods are provided for co-processing of renewable distillate fractions with mineral fractions to produce at least a jet (or kerosene) boiling range product and a diesel boiling range product. A combination of a jet boiling range product fraction and a diesel boiling range product fraction with unexpected properties can be formed by first blending i) a distillate boiling range feed fraction containing a renewable distillate component with ii) a mineral feed fraction (possibly corresponding to a whole or partial crude oil) that includes diesel boiling range compounds to form a blended composition. The blended composition can then be fractionated to form a jet boiling range product fraction and a diesel boiling range product fraction. Optionally, the resulting jet boiling range product fraction and/or diesel boiling range product fraction can be exposed to further processing, such as hydroprocessing or catalytic cracking.

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