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(71) Applicant (for all designated States except US): UOP LLC [US/US]; 25 East Algonquin Road, P. O. Box 5017, Des Plaines, IL 60017-5017 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BRADY, John, P. [US/US]; Uop Llc, 25 East Algonquin Road, P. O. Box 5017, Des Plaines, IL 60017-5017 (US). KALNES, Tom, N. [US/US]; UOP LLC, 25 East Algonquin Road, P. O. Box 5017, Des Plaines, IL 60017-5017 (US). MARKER, Terry, L. [US/US]; 39 Country Squire Road, Palos Heights, IL 60463 (US).

(74) Common Representative: UOP LLC; 25 East Algonquin Road, P. O. Box 5017, Des Plaines, IL 60017-5017 (US).

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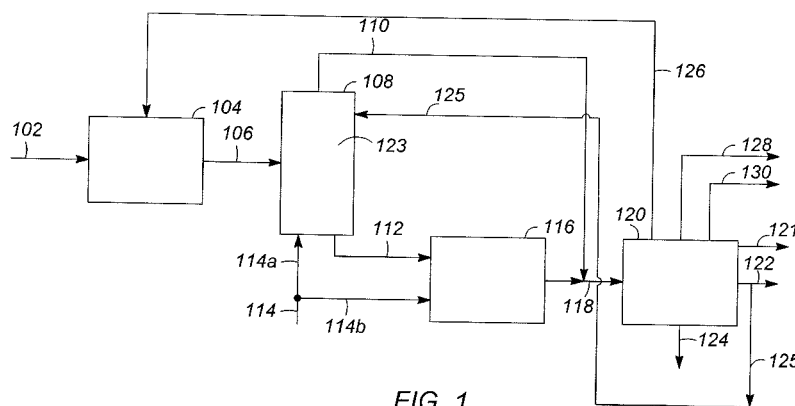


FIG. 1

(57) Abstract: A process has been developed for producing a diesel boiling point range product and an aviation boiling point range product from renewable feedstocks such as plant and animal oils. The process involves treating a renewable feedstock by hydrogenating and deoxygenating (4) to provide a hydrocarbon fraction (12) which is then isomerized and selectively cracked (22) to form the diesel boiling point range product (46) and the aviation boiling point range product (45). A portion of the diesel boiling point range product (46), aviation boiling point range product (45), naphtha product (52), LPG (50), or any combination thereof can be optionally used as a rectification agent in the selective hot high pressure hydrogen stripper (8) to decrease the amount of product carried in the stripper overhead (14).