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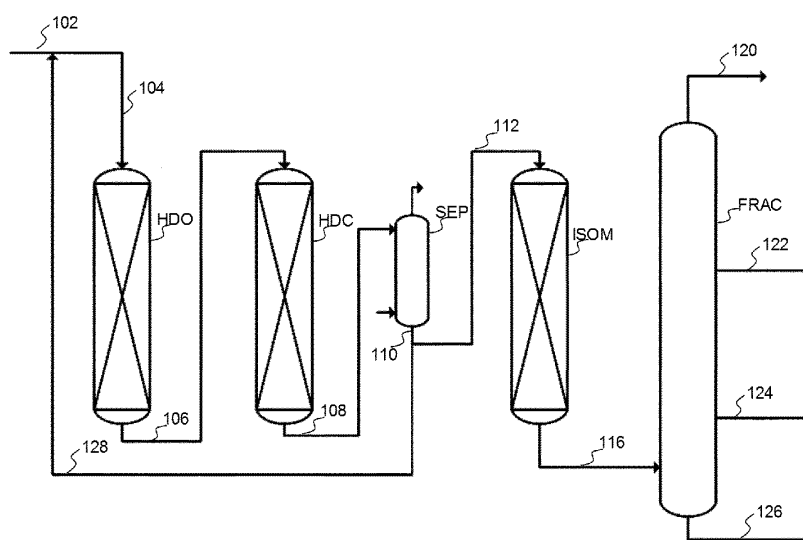


Fig. 1

(57) Abstract: The present disclosure relates to a process plant and a process for production of a hydrocarbon suitable for use as jet fuel from a feedstock being a renewable feedstock or an oxygenate feedstock, comprising the steps of combining the feedstock with an amount of a liquid diluent, directing it to contact a material catalytically active in hydrodeoxygenation under hydrotreating conditions to provide a hydrodeoxygenated intermediate product, directing at least an amount of said hydrodeoxygenated intermediate product to contact a material catalytically active in hydrocracking under hydrocracking conditions providing the hydrocracked intermediate product, separating said hydrocracked intermediate product in a vapor fraction and a liquid fraction, optionally providing at least an amount of said liquid hydrocracked product as said liquid diluent, directing at least an amount of said liquid hydrocracked product to contact a material catalytically active in isomerization under isomerization conditions to provide an isomerized intermediate product,

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and fractionating said isomerized intermediate product to provide at least a hydrocarbon suitable for use as jet fuel, with the associated benefit of such a process being well suited for efficiently converting the upper-boiling point of a renewable feedstocks to a lower boiling product, such as non-fossil kerosene. In addition to said hydrocarbon suitable for use as jet fuel, diesel and other hydrocarbons may also be produced.