

Title (en)

SYSTEM FOR MAKING RENEWABLE FUELS INCLUDING GASOLINE, DIESEL, AND JET FUEL

Title (de)

SYSTEM ZUR HERSTELLUNG ERNEUERBARE BRENNSTOFFE EINSCHLIESSLICH BENZIN, DIESEL UND DÜSENTREIBSTOFF

Title (fr)

SYSTÈME DE PRODUCTION DE CARBURANTS RENOUVELABLES DONT L'ESSENCE, LE DIESEL ET LE KÉROSÈNE

Publication

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Application

EP 13831622 A 20130821

Priority

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Abstract (en)

[origin: WO2014031776A2] Multiple catalytic processing stations coupled with a system which produces volatile gas streams from biomass decomposition at discrete increasing temperatures or constant temperature. These catalytic processing stations can be programmed to maximize conversion of biomass to jet fuel components. The system may also include a processing station for subjecting biomass within the stations to at least one programmable starting temperature (Tstart) and for incrementing an individual processing station temperature by programmable increments (DeltaTau) to produce a volatile and a non- volatile component. Further, methods for converting biomass and char to renewable jet fuel, diesel, and kerosene are disclosed.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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