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(71) Applicant: **CHEVRON U.S.A. INC.** [US/US]; 6001
Bollinger Canyon Road, San Ramon, California
94583-0806 (US).

(72) Inventors: **HOMMELTOFT, Sven Ivar**; P.O. Box 6006,
San Ramon, California 94583-0806 (US). **CHRISTISON,
Krege**; P.O. Box 6006, San Ramon, California 94583-0806

(US). **YOUNG, Michelle**; P.O. Box 6006, San Ramon, Cal-
ifornia 94583-0806 (US).

(74) Agent: **CHOI, Jaime D.**; Sheppard, Mullin, Richter &
Hampton LLP, 12275 El Camino Real, Suite 100, San
Diego, California 92130 (US).

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(54) Title: INTERMEDIATE AND HYDROTREATED FUEL COMPOSITIONS FROM RENEWABLE LIPID FEEDSTOCKS

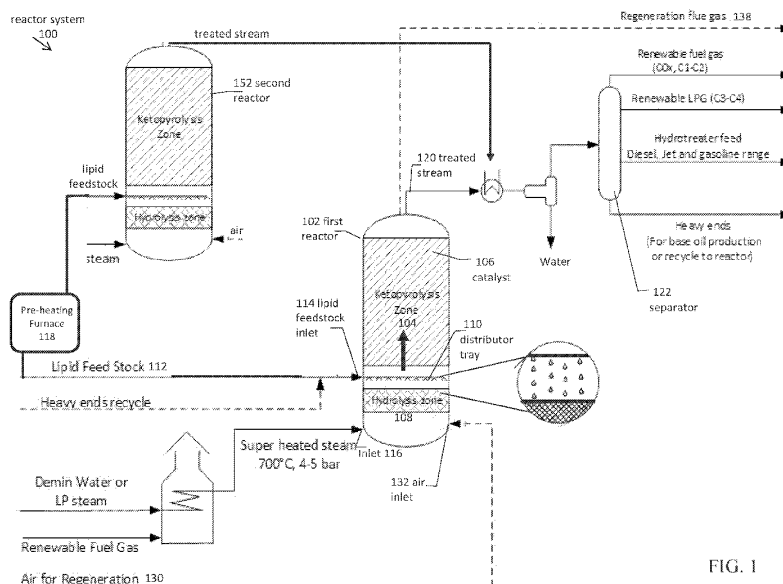


FIG. 1

(57) Abstract: A reactor system includes a ketopropylolysis zone in which a metal oxide catalyst reacts with a lipid feedstock to produce a renewable fuel intermediate composition. The renewable fuel intermediate composition includes a jet fuel fraction in which a non-aromatic cyclic hydrocarbon content exceeds an acyclic isoalkane content. The renewable fuel intermediate composition is hydrotreated to produce a fuel composition that includes a jet fuel component with a freezing point less than -15°C.

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