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(71) Applicant: EXXONMOBIL TECHNOLOGY AND ENGINEERING COMPANY [US/US]; 1545 ROUTE 22

EAST, P.O. BOX 900, ANNANDALE, New Jersey 08801-0900 (US).

(72) Inventors: **XU, Xiaochun**; c/o EXXONMOBIL TECHNOLOGY AND ENGINEERING COMPANY, 1545 ROUTE 22 EAST, P.O. BOX 900, ANNANDALE, New Jersey 08801-0900 (US). **EVANS, Madelyn M.**; c/o EXXONMOBIL TECHNOLOGY AND ENGINEERING COMPANY, 1545 ROUTE 22 EAST, P.O. BOX 900, ANNANDALE, New Jersey 08801-0900 (US). **KADLECEK, Daniel E.**; c/o EXXONMOBIL TECHNOLOGY AND ENGINEERING COMPANY, 1545 ROUTE 22 EAST, P.O. BOX 900, ANNANDALE, New Jersey 08801-0900 (US). **WELLS, Paul P.**; c/o EXXONMOBIL TECHNOLOGY AND ENGINEERING COMPANY, 1545 ROUTE 22 EAST, P.O. BOX 900, ANNANDALE, New Jersey 08801-0900 (US).

(54) Title: HYDROCARBON COMPOSITION

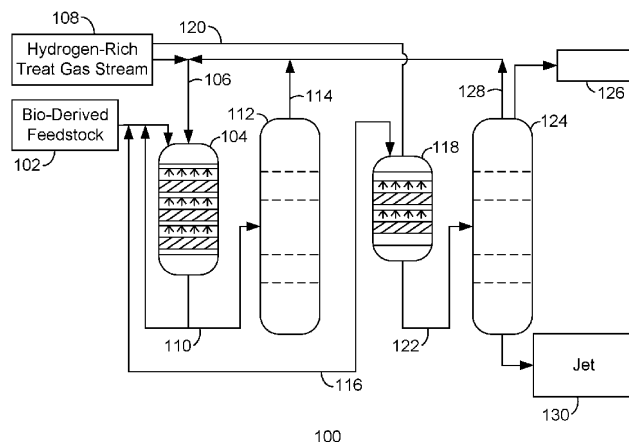


FIG. 1

(57) Abstract: A jet boiling range composition is provided with an unexpected distribution of carbon chain lengths for the hydrocarbons and paraffins in the composition. The hydrocarbon composition corresponds to a jet boiling range composition that includes 40 wt % or more of hydrocarbons and/or paraffins that have carbon chain lengths of 17 carbons or 18 carbons. Additionally or alternately, the hydrocarbon composition can contain 45 wt% or less of $C_{14} - C_{17}$ hydrocarbons and/or paraffins. This unexpected distribution of carbon chain lengths in a jet boiling range composition can be achieved for a composition that has a freeze point of -40°C or lower and a flash point of 38°C or higher. Optionally, the jet boiling range composition can also have a T10 distillation point of 205°C or less (such as down to 150°C) and a final boiling point of 300°C or less.

[Continued on next page]

(74) **Agent: CARTER, Lawrence E.;** Shook, Hardy & Bacon
LLP, 2555 Grand Blvd, Kansas City, Missouri 64108 (US).

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