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(71) Applicant: **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72) Inventors: **RUBIN-PITEL, Sheryl, B.**; 232 South Chancellor Street, Newtown, PA 18940 (US). **ANDERSON, Timothy, J.**; 52 Hedges Avenue, Chatham, NJ 07928 (US). **KAR, Kenneth, C.H.**; 1949 Berrel Court, Yardley, PA 19067 (US). **DIEROLF, Marcia, E.**; 150 Water Street, Oley, PA 19547 (US). **LUO, Shifang**; 7 Pinchurst Circle, Annandale, NJ 08801 (US). **LAURENZI, Ian, J.**; 95 Coun-

try Acres Drive, Hampton, NJ 08827 (US). **YU, Xinrui**; 2800 Mountain Laurel Drive, Furlong, PA 18925 (US). **XU, Yi**; 877 Ridgewood Road, Millburn, NJ 07041 (US).

(74) Agent: **MIGLIORINI, Robert, A.** et al.; Exxonmobil Research And Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

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(54) Title: HIGH NAPHTHENIC CONTENT DISTILLATE FUEL COMPOSITIONS

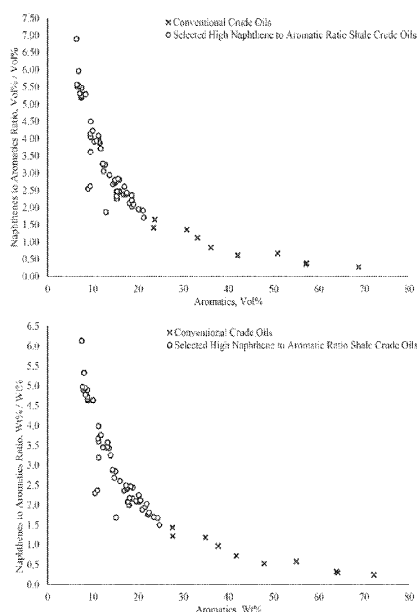


FIG. 1

(57) Abstract: Distillate boiling range and/or diesel boiling range compositions are provided that are formed from crude oils with unexpected combinations of high naphthenes to aromatics weight and/or volume ratio and a low sulfur content. This unexpected combination of properties is characteristic of crude oils that can be fractionated to form distillate / diesel boiling range compositions that can be used as fuels / fuel blending products with reduced or minimized processing. The resulting distillate boiling range fractions and/or diesel boiling range fractions can have an unexpected combination of a high naphthenes to aromatics weight and/or volume ratio, a low but substantial aromatics content, and a low sulfur content. By reducing, minimizing, or avoiding the amount of hydroprocessing needed to meet fuel and/or fuel blending product specifications, the fractions derived from the high naphthenes to aromatics ratio and low sulfur crudes can provide fuels and/or fuel blending products having a reduced or minimized carbon intensity.

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