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(54) Title: FUEL AND BASE OIL BLENDSTOCKS FROM A SINGLE FEEDSTOCK

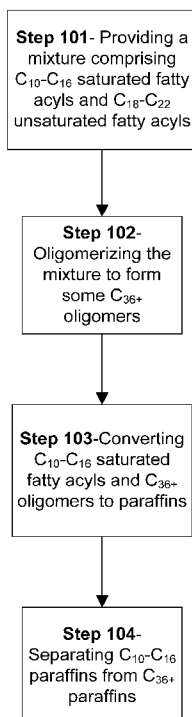


FIG. 1

(57) Abstract: A method comprising the steps of providing a fatty acyl mix-
ture comprising: (i) a C₁₀-C₁₆ acyl carbon atom chain content of at least 30 wt.
% wherein at least 80% of the C₁₀-C₁₆ acyl carbon atom chains are saturated;
and (ii) a C₁₈-C₂₂ acyl carbon atom chain content of at least 20 wt. % wherein
at least 50% of the acyl C₁₈-C₂₂ carbon atom chains contain at least one olefin;
oligomerizing at least some of the mixture to yield a second mixture compris-
ing C₃₆₊ oligomers; hydrotreating the second mixture to yield a quantity of
diesel fuel blendstock and C₃₆₊ alkanes; and separating at least some of the
diesel fuel blendstock from the C₃₆₊ alkanes.



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