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(54) Title: RENEWABLE HYDROCARBON COMPOSITION

(57) Abstract: The present invention provides a composition comprising 10- 40 mass% of C₈₋₃₀ linear alkanes, up to 20 mass% of C₇₋₂₀ aromatic hydrocarbons, at least 90 mass% of which are monoaromatic, and no more than 1 mass% in total of oxygen containing compounds; wherein the total amount of C₈₋₃₀ alkanes in the composition is 50-95 mass% (and the total amount of C₈₋₃₀ alkanes, C₇₋₂₀ aromatic hydrocarbons and C₈₋₃₀ cycloalkanes is at least 95 mass%; and wherein the amounts are based on the mass of the composition. Also provided is a method for producing the composition comprising the step of hydroprocessing a biological feedstock using a catalyst and the step of fractionating the product of the hydroprocessing step.

