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(54) Title: PRODUCTION OF BASE OIL COMPONENTS FROM ORGANIC MATERIAL

(57) Abstract: The present invention relates to a base oil hydrocarbon composition comprising a total paraffin content of from 50 wt. % to 65 wt.%, of which at least 90 % are isomerised paraffins, a naphthenes content of from 25 wt.% to 35 wt.%, aromatics in an amount of 4 wt.% to 16 wt.% based on total weight of composition, and wherein the composition has a pour point of -26 °C to -32 °C and a kinematic viscosity 100 °C of 7 to 17 cSt. Particularly the base oil hydrocarbon composition is obtained from a feedstock comprising organic material of biological origin, such as crude tall oil. The present invention also relates to a process for producing base oil hydrocarbon product from a feedstock comprising organic material of biological origin.

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