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(71) Applicant: NESTE OYJ [FI/FI]; Keilaranta 21, 02150 Es-
poo (FI).

(72) Inventors: KIISKI, Ulla; c/o Neste Oyj/IPR, P.O. Box
310, 06101 Porvoo (FI). VUORIO, Eerika; c/o Neste Oyj/
IPR, P.O. Box 310, 06101 Porvoo (FI). SAIKKONEN, Pir-
jo; c/o Neste Oyj/IPR, P.O. Box 310, 06101 Porvoo (FI).
LAMMINPÄÄ, Kaisa; c/o Neste Oyj/IPR, P.O. Box 310,
06101 Porvoo (FI). SILVONEN, Petro; c/o Neste Oyj/IPR,
P.O. Box 310, 06101 Porvoo (FI). HOVI, Meri; c/o Neste
Oyj/IPR, P.O. Box 310, 06101 Porvoo (FI).

(74) Agent: KOLSTER OY AB; (Salmisaarenaukio 1), P.O.
Box 204, 00181 Helsinki (FI).

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(54) Title: MIDDLE DISTILLATE FUEL FROM ORGANIC MATERIAL OF BIOLOGICAL ORIGIN

(57) Abstract: The present invention presents a middle distillate fuel composition obtainable from crude tall oil (CTO) optionally including tall oil pitch (TOP) or tall oil pitch (TOP), the composition comprising n- and i-paraffins in an amount of 55 wt.% to 70 wt.%, of which i-paraffins content is equal to or more than 80 %, cycloalkanes in an amount of 30 wt.% to 40 wt.%, and C7-C20 aromatics in an amount of 0.1 wt.% to 5 wt.%, wherein cetane number of the fuel composition is at least 60 and density of the fuel composition is at least 800 kg/m³. The invention also presents a method of producing a middle distillate fuel composition.



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