



(51) International Patent Classification:

C10G 1/06 (2006.01) *C07C 29/00* (2006.01)
C10G 3/00 (2006.01) *C10L 1/02* (2006.01)
C07C 45/00 (2006.01) *C10L 1/08* (2006.01)
C10G 45/64 (2006.01) *C10M 177/00* (2006.01)
C10G 45/62 (2006.01) *C10M 101/00* (2006.01)
C07C 31/10 (2006.01)

(21) International Application Number:

PCT/FI2019/050915

(22) International Filing Date:

20 December 2019 (20.12.2019)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

20186144 31 December 2018 (31.12.2018) FI
 20186145 31 December 2018 (31.12.2018) FI
 20186146 31 December 2018 (31.12.2018) FI

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,

(54) Title: PROCESS FOR INTEGRATED PRODUCTION OF RENEWABLE FUELS AND CHEMICALS

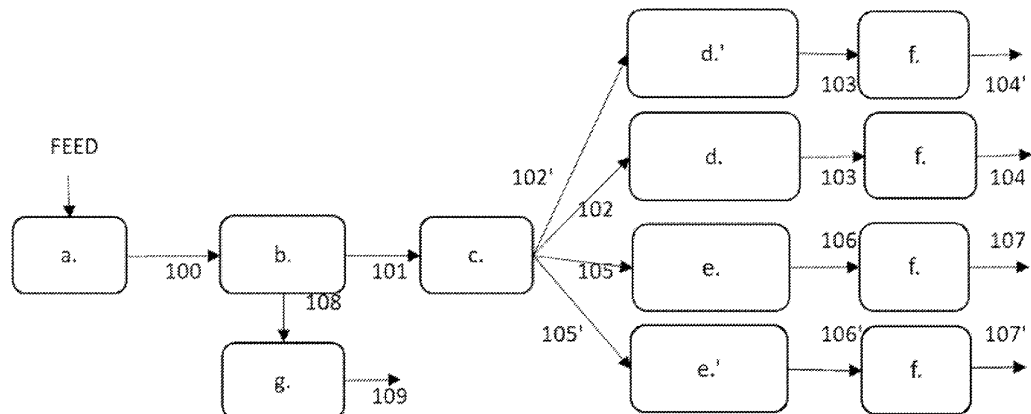


FIGURE 2

(57) Abstract: The present disclosure provides a versatile process for producing valuable renewable hydrocarbons from triglyceride containing feedstock. In the stepwise process, the triglyceride containing feedstock is first split to provide a mixture comprising fatty acids, glycerol and water, from which a phase separation provides an oily phase, and an aqueous phase. Said oily phase comprising fatty acids is subjected to fractionation. Fractionation divides the fatty acids to specific fractions, which may be refined to products with controlled hydroprocessing. Products may comprise paraffinic renewable aviation fuel components, paraffinic renewable base oil, renewable paraffinic diesel fuel components, renewable paraffinic technical fluid, or any combination thereof.

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TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*

Published:

— *with international search report (Art. 21(3))*
— *in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE*