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RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS,
ZA, ZM, ZW.

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

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in the presence of water, at a temperature from 180 to 325 °C to obtain a heat-treated lipid feedstock (c); vi) optionally further treating the heat-treated lipid feedstock (c) with an acid and/or adsorbent material, preferably under bleaching conditions, to obtain a further treated lipid feedstock (d); and vii) recovering the heat-treated lipid feedstock (c) and/or the further treated lipid feedstock (d) by phase-separation to obtain a purified lipid feedstock (e). Further provided herein is a process for providing renewable hydrocarbons, comprising x) purifying lipid feedstock by the provided method to obtain purified lipid material, and y) subjecting the purified lipid material to hydroprocessing to obtain at least one renewable hydrocarbon.