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(71) Applicant (for all designated States except US): **EXXON-MOBIL CHEMICAL PATENTS INC.** [US/US]; A Corporation of The State of Delaware, 5200 Bayway Drive, Baytown, TX 77520 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only):
KEUSENKOTHEN, Paul, F. [US/US]; 408 Hawthorne, Houston, TX 77006 (US). **MCCOY, James, N.** [US/US]; 6737 Sylvan Road, Houston, TX 77023 (US). **GRAHAM, James, E.** [US/US]; 12526 Mystery Lane, Baytown, TX 77520 (US). **REIMANN, Chad, D.** [US/US]; 10028 Wheatfield Court, Fairfax, VA 22032 (US).

(74) Agents: **JAMES, Rick, F.** et al.; Exxonmobil Chemical Company, Law Technology, P.O. Box 2149, Baytown, TX 77522-2149 (US).

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(54) Title: PROCESS FOR CRACKING SYNTHETIC CRUDE OIL-CONTAINING FEEDSTOCK

(57) Abstract: A process for steam cracking liquid hydrocarbon feedstocks containing synthetic crude oil comprises i) hydroprocessing a wide boiling range aliquot containing a) normally liquid hydrocarbon portion substantially free of resids and b) thermally cracked hydrocarbon liquid, boiling in a range from 600° to 1050°F, to provide a synthetic crude oil substantially free of resids; ii) adding to the synthetic crude oil a normally liquid hydrocarbon component boiling in a range from 100° to 1050°F; and iii) cracking the mixture resulting from ii) in a cracker furnace comprising a radiant coil outlet to provide a cracked effluent, wherein the cracking is carried out under conditions sufficient to effect a radiant coil outlet temperature which is greater than the optimum radiant coil outlet temperature for cracking the synthetic crude oil separately. A method for upgrading synthetic crude for use in cracking is also provided, as well as a feedstock for cracking.



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