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(71) Applicant (for all designated States except US): **EXXON-MOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HSU, Edward Ching-Shen** [US/US]; 316 Eileen Way, Bridgewater, NJ 08807 (US). **PATEL, Rutton Dinshaw** [US/US]; 2229 North Quebec Street, Arlington, VA 22207 (US). **BROWN, Leo Dale** [US/US]; 5931 Wildflower Road, Baton Rouge, LA 70817 (US).

(74) Agents: **PURWIN, Paul, E.** et al.; ExxonMobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

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(54) Title: EMULSION NEUTRALIZATION OF HIGH TOTAL ACID NUMBER (TAN) CRUDE OIL

(57) Abstract: This invention is a method for reducing the total acid number of organic acid containing petroleum oil comprising forming a water-in-oil emulsion comprising an aqueous Group IIA metal hydroxide solution or slurry in a hydrocarbon oil, said water-in-oil emulsion having an aqueous droplet particle size diameter of from 1 to 25 μ , adding the water-in-oil emulsion to the organic acid containing petroleum oil and permitting the mixture to stand for a time sufficient to permit the neutralization of the organic acids in the petroleum oil.



WO 2006/031432 A2