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(71) Applicant: CATALYTIC DISTILLATION TECHNOLOGIES [US/US]; 10100 Bay Area Boulevard, Pasadena, TX 77507 (US).

(72) Inventor: SMITH, Lawrence, A., Jr.; 10100 Bay Area Boulevard, Pasadena, TX 77507 (US).

(74) Agent: JOHNSON, Kenneth, H.; P.O. Box 630708, Houston, TX 77263 (US).

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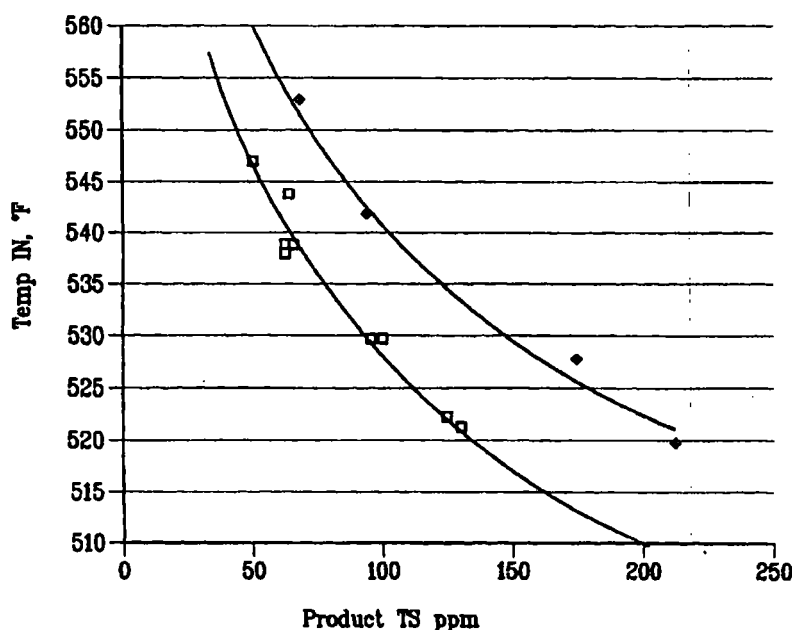
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(54) Title: HYDRODESULFURIZATION PROCESS



(57) Abstract: A process for hydrodesulfurization in which gasoline boiling range petroleum feed and hydrogen are contacted in a reactor with a fixed bed hydrodesulfurization catalyst at a WHSV of greater than 6, pressure of less than 300 psig and temperature of 300 to 700 °F, wherein the pressure and temperature of the reactor are adjusted to maintain the reaction effluent at its boiling point and below its dew point whereby at least a portion but less than all of the reaction mixture is vaporized.

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