

Title (en)

OPERATING METHOD FOR FLUID CATALYTIC CRACKING

Title (de)

VERFAHREN ZUM BETRIEB EINES KATALYTISCHEN WIRBELSCHICHTKRACKENVERFAHRENS

Title (fr)

PROCEDE DE MISE EN OEUVRE POUR CRAQUAGE CATALYTIQUE FLUIDE

Publication

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Application

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Abstract (en)

[origin: WO9955802A1] The present invention is directed to a Fluid Catalytic Cracking process conducted under fluid catalytic cracking conditions by injecting into at least one reaction zone of a fluid catalytic cracking unit (FCCU) having one or more risers, a plurality of feeds wherein said plurality of feeds comprises at least one feed (alpha) and at least another feed (beta) wherein said feeds (alpha) and (beta) (a) differ in Conradson Carbon Residue by at least about 2 wt % points; or (b) differ in hydrogen content by at least about 0.2 wt %; or (c) differ in API gravities by at least about 2 points; or (d) differ in nitrogen content by at least about 50 ppm; or (e) differ in carbon-to-hydrogen ratio by at least about 0.3; or (f) differ in mean boiling point by at least about 200 DEG F; and wherein said feeds (alpha) and (beta) are alternately injected and wherein said alternate injection maintains said risers in a cyclic steady state, while the rest of the FCC unit is in a steady state.

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