

Title (en)

METHOD AND DEVICE FOR FLUID CATALYTIC CRACKING OF HYDROCARBON FEEDSTOCK

Title (de)

FLUIDKATALYTISCH KRACKVERFAHREN UND -EINRICHTUNG FÜR KOHLENWASSERSTOFFEINSÄTZE

Title (fr)

PROCEDE ET DISPOSITIF DE CRAQUAGE CATALYTIQUE EN LIT FLUIDISE D'UNE CHARGE D'HYDROCARBURES

Publication

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Application

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Abstract (en)

[origin: US5997726A] PCT No. PCT/FR97/01627 Sec. 371 Date May 12, 1998 Sec. 102(e) Date May 12, 1998 PCT Filed Sep. 16, 1997 PCT Pub. No. WO98/12279 PCT Pub. Date Mar. 26, 1998A hydrocarbon catalytic cracking process in which, a substantial portion of the hydrocarbons is pulverized and placed in contact with a specific contact zone, which is composed of: a mixing chamber having a maximum section S2, the upper part of which is fed with a heated regenerated catalyst through an upper opening delimiting a catalyst-flow section S1, and a descending-flow reaction area, in which the solid-gas mixture emanating from the mixing chamber is poured through an intermediate opening having a section S3 located in the lower part of said chamber. The ratios S2/S1 and S2/S3 have values of between 1.5 and 8.

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