

Title (en)

METHOD AND DEVICE FOR DESCENDING CATALYTIC CRACKING BY INJECTING FEEDSTOCK AT AN ADEQUATE ANGLE ON A CONDITIONED CATALYST

Title (de)

METHODE UND VORRICHTUNG ZUM KATALYTISCHEN CRAKEN MIT FLUSS IN ABWÄRTSRICHTUNG DURCH EINSPRITZUNG VOM AUSGANGSSTOFF IN EINEM GEZIELTEN WINKEL AUF DEN KONDITIONIERTEN KATALYSATOR

Title (fr)

PROCEDE ET DISPOSITIF DE CRAQUAGE CATALYTIQUE DESCENDANT METTANT EN OEUVRE L'INJECTION D'UNE CHARGE SOUS UN ANGLE ADEQUAT SUR UN CATALYSEUR CONDITIONNE

Publication

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Application

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Abstract (en)

[origin: US6099720A] PCT No. PCT/FR97/01630 Sec. 371 Date Aug. 19, 1998 Sec. 102(e) Date Aug. 19, 1998 PCT Filed Sep. 16, 1997 PCT Pub. No. WO98/12280 PCT Pub. Date Mar. 26, 1998A process is described for catalytic cracking of a petroleum feed in which a catalyst from a regeneration zone 4 is caused to flow in a dense fluidized bed conditioning zone 2 upstream of an injection zone 10, the fluidization rate being 0.1 to 30 cm/s. The throughput of catalyst into injection zone 10 is regulated by a constriction means 11. The hydrocarbon feed 12 is injected below the constriction means and flows counter-current to the direction of flow of the shaped catalyst flow. The hydrocarbon feed 12 is injected at a set injection angle depending on the movement of the feed and the catalyst.

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