

Title (en)

PROCESS AND APPARATUS FOR THE CATALYTIC CRACKING OF HYDROCARBON FEEDS

Publication

EP 0282371 B1 19910911 (FR)

Application

EP 88400305 A 19880210

Priority

FR 8701690 A 19870211

Abstract (en)

[origin: US4875993A] The invention relates to a process and apparatus for catalytic cracking in a fluid phase of a hydrocarbon charge. The process comprises contacting, in ascending or descending flow, the charge and grains of a cracking catalyst in a tubular reactor, ballistically separating the spent catalyst and the cracked charge downstream of the end of said reactor, mixing spent catalyst with grains of at least partially regenerated catalyst having a temperature exceeding that of the grains of spent catalyst, stripping spent catalyst in a dense fluidized phase by means of a fluid injected counter-current into this catalyst regenerating the catalyst under conditions to effect combustion of coke deposited thereon, and recycling regenerated catalyst to feed the reactor.

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C10G 11/18

IPC 8 full level

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Citation (examination)

EP 0137998 A2 19850424 - ASHLAND OIL INC [US]

Cited by

EP0536054A1; FR2682119A1; US5430222A; WO2004056943A1

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