

Title (en)
HYDROCARBON FEED CATALYTIC CRACKING PROCESSES AND APPARATUSES

Publication
EP 0184517 B1 19880518 (FR)

Application
EP 85402416 A 19851204

Priority
FR 8418706 A 19841207

Abstract (en)
[origin: EP0184517A1] 1. In a process for the fluid catalytic cracking of a hydrocarbon charge, comprising a stage for bringing said charge and particles of a cracking catalyst into contact in ascending flow in a riser under cracking conditions, a stage for separating the spent catalyst and the cracked charge downstream of the upper end of said riser, a stage for stripping the spent catalyst by means of a gas injected countercurrently to this catalyst, a stage for regenerating said catalyst under combustion conditions of the coke deposited thereon, and a stage for recycling the catalyst regenerated at the feed to said riser, the improvement lying in the fact that, after said catalyst has undergone said stripping and before being subjected to said regeneration, it is subjected to a desorption stage by a gas injected co-currently to the catalyst at a temperature at least 25 degrees C higher than the temperature of the catalyst particles which have just undergone said stripping stage, and in that the resultant mixture of spent catalyst and gas is injected into the fluidised portion of the regeneration zone situated above the dense fluidised bed.

IPC 1-7
C10G 11/18

IPC 8 full level
C10G 11/18 (2006.01)

CPC (source: EP)
C10G 11/18 (2013.01)

Cited by
FR2627187A1; EP0702077A3; US5584986A; EP0322276A1; FR2624877A1; EP0433504A1; US5506365A; EP0322274A1; FR2624762A1; US4959334A; CN1040729C; US6447671B1; WO2013057389A1; WO2014096602A1; WO2013083883A1; WO2014096704A1; WO2014096703A1

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