Title (en)

METHOD AND DEVICE FOR CATALYTIC CRACKING COMPRISING IN PARALLEL AT LEAST AN UPFLOW REACTOR AND AT LEAST A DOWNFLOW REACTOR

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KATALYTISCHEN SPALTUNG MIT AUFWÄRTS- UND ABWÄRTSBETRIEBENEN PARALLELEN REAKTOREN

Title (fr)

PROCEDE ET DISPOSITIF DE CRAQUAGE CATALYTIQUE COMPRENANT EN PARALLELE AU MOINS UN REACTEUR A ECOULEMENT ASCENDANT ET AU MOINS UN REACTEUR A ECOULEMENT DESCENDANT

Publication

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Application

EP 00983393 A 20001128

Priority

- FR 0003315 W 20001128
- FR 9915747 A 19991214

Abstract (en)

[origin: WO0144409A1] The invention concerns a device and a method for catalytic cracking of a hydrocarbon feedstock in at least two reaction zones, one (30) having an upflow of catalyst, wherein the feedstock and the catalyst derived from the regeneration zone (3) is circulated, the first gases produced are separated from the coked catalyst in a first separating zone (38), the catalyst is stripped (40), a first cracking and stripping effluent (42) is recuperated and the coked catalyst (45) is recycled in the regenerating zone. The catalyst (12) coming from the regeneration zone (3) and a hydrocarbon feedstock (19) are introduced in the top part of a downflow reaction zone (16), wherein the catalyst and the feedstock are circulated from the top downwards, the coked catalyst is separated from the second gases produced in a second separating zone (20), the second gases produced (24) are recuperated and the coked catalyst is recycled (25) in the regeneration zone.

IPC 8 full level

C10G 51/06 (2006.01); **C10G 11/18** (2006.01)

CPC (source: EP US)

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