Title (en)

PLURAL STAGE CATALYTIC REFORMING PROCESS

Publication

EP 0233116 B1 19890809 (FR)

Application

EP 87400221 A 19870130

Priority

FR 8601551 A 19860203

Abstract (en)

[origin: US4737262A] A process for the catalytic reforming of a hydrocarbon charge wherein the charge passes successively through at least two catalyst beds, the first one being a bed of a first catalyst whose carrier contains platinum, rhenium and at least one halogen, at least the last bed being a moving bed of a second catalyst whose carrier contains platinum, at least one additional metal M selected from the group consisting of tin, gallium, germanium, indium, lead and thallium and at least one halogen, said metal M being introduced onto this carrier by means of an organometallic compound and the proportion by weight of said second catalyst being from 25 to 55% of the total catalyst mass used in all the catalyst beds. The charge preferably passes through at least two fixed beds of the first catalyst and at least one moving bed of the second catalyst, the carrier of the two catalysts being preferably alumina. By this process high grade gasolines (of Research Octane Number higher than 95) are produced over long periods.

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C10G 35/09; C10G 59/02

IPC 8 full level

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