

Title (en)  
Catalytic reforming process.

Title (de)  
Verfahren zum katalytischen Reformieren.

Title (fr)  
Procédé de reformage catalytique.

Publication  
**EP 0153891 A1 19850904 (FR)**

Application  
**EP 85400261 A 19850215**

Priority  
FR 8402926 A 19840223

Abstract (en)  
[origin: US4588495A] In a catalytic reforming process wherein a charge is circulated successively through a first catalyst bed and then at least one further catalyst bed, the improvement wherein the catalyst of the first bed comprises a carrier of alumina base and, by weight in proportion to the carrier, 0.05-0.6% of platinum, 0.005-3% of rhenium and 0.1-15% of at least one halogen and wherein each catalyst of the other beds contains a carrier of alumina base and, by weight with respect to the carrier, 0.05-0.6% of platinum, 0.05-3% of at least one metal promoter selected from the group consisting of tin, thallium and indium and 0.1-15% of at least one halogen, the proportion by weight of the catalyst containing platinum and rhenium ranging from 8 to 40% with respect to the total catalyst mass used in all the catalyst beds.

Abstract (fr)  
L'invention concerne un procédé de reformage catalytique effectué dans plusieurs réacteurs traversés en série par une charge d'hydrocarbures. Le premier réacteur renferme un catalyseur acide à base d'alumine qui contient du platine et du rhénium, les autres réacteurs renfermant un catalyseur à base d'alumine qui contient du platine et un métal promoteur, choisi parmi l'étain, le thallium et l'indium.

IPC 1-7  
**C10G 59/02**

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CPC (source: EP US)  
**C10G 59/02** (2013.01 - EP US)

Citation (search report)  
• [Y] FR 2163683 A1 19730727 - STANDARD OIL CO  
• [Y] GB 1470877 A 19770421 - ATLANTIC RICHFIELD CO  
• [Y] FR 2144985 A5 19730216 - CATALYSE SOC PROD FRANCAIS  
• [Y] FR 2130881 A6 19721110 - RAFFINAGE CIE FRANCAISE  
• [YD] US 3700588 A 19721024 - WEISANG JOSEPH EDOUARD, et al

Cited by  
FR2600668A1; EP0234837A3; EP0606007A1; EP0233116A1; FR2593824A1; JPS62192488A

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