

Title (en)

Immobilisation of vanadium deposited on catalytic materials during the conversion of oil that contains heavy metals and coke precursors.

Title (de)

Immobilisierung von Vanadin, das bei der Umwandlung von Schwermetalle und Koks vorläufer enthaltenden Ölen auf Katalysatoren abgelagert worden ist.

Title (fr)

Immobilisation de vanadium déposé sur des matériaux catalytiques pendant la conversion d'huiles contenant des métaux lourds et des précurseurs de coke.

Publication

EP 0065627 A2 19821201 (EN)

Application

EP 82101794 A 19820306

Priority

US 25826581 A 19810428

Abstract (en)

A process is disclosed for catalytic cracking a hydrocarbon oil feed having a significant vanadium content to produce lighter products. The catalyst, from the cracking step, coated with coke and vanadium in an oxidation state less than +5, is regenerated in the presence of an oxygen-containing gas at a temperature high enough to burn off a portion of the coke under conditions keeping the vanadium in an oxidation state less than +5.

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IPC 8 full level

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