

Title (en)

Process for catalytic cracking of metal-contaminated hydrocarbons in which the cracking catalyst is passivated.

Title (de)

Katalytisches Crackverfahren für mit Metallen verunreinigten Kohlenwasserstoffen in denen der Crackkatalysator passiviert worden ist.

Title (fr)

Procédé de craquage catalytique d'hydrocarbures contaminés de métaux dans lequel le catalyseur de craquage est rendu passif.

Publication

EP 0145466 A2 19850619 (EN)

Application

EP 84308523 A 19841207

Priority

US 55991983 A 19831209

Abstract (en)

A process is described for passivating metal contaminants present in hydrocarbon feedstock (16) which contaminants are deposited on cracking catalyst. The process involves contacting the regenerated catalyst from the regeneration zone (30) with H₂-containing gas (70, 74, 76, 76, 80, 96) in the transfer zone (42, 44) communicating with the regeneration zone and the reaction zone (12). The H₂-containing gas may be added at a plurality of spaced apart locations to the transfer zone and preferably passes through a control means (72) which is regulated by a sensor means (82) analyzing a cracked product and/or by a sensor means (64) monitoring the catalyst circulation rate.

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IPC 8 full level

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CPC (source: EP)

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Cited by

US7435332B2; WO2010072733A1; US7347930B2; US9163182B2; US8747767B2; US9340469B2

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