

Title (en)

Startup method for a hydrocarbon reforming process utilizing a bed containing an iridium component and a platinum group component reforming catalyst having a substantially uniform sulfur distribution throughout the bed.

Title (de)

Verfahren zum Anfahren einer Reformierung von Kohlenwasserstoffen unter Verwendung eines eine Iridiumkomponente und eine Platingruppenmetallkomponente enthaltenden Katalysatorbettes, mit einer im wesentlichen einheitlichen Schwefelverteilung über das Bett.

Title (fr)

Procédé de démarrage d'un procédé de reformage d'hydrocarbures utilisant un lit contenant un catalyseur de reformage comprenant de l'iridium et un métal du groupe du platine et ayant une distribution de soufre essentiellement uniforme dans le lit.

Publication

EP 0036048 A1 19810923 (EN)

Application

EP 80300777 A 19800313

Priority

EP 80300777 A 19800313

Abstract (en)

A bed of hydrocarbon reforming catalyst comprising an iridium component and at least one other metal component from the platinum group or Group 1B of the Periodic Table on a refractory support is treated to have a uniform sulfur distribution within the range of from 0.3 to 2.0 atoms of sulfur per atom of metal components at the start-up of a hydrocarbon reforming process. The uniform sulfur distribution within the specified range is achieved by contacting a bed of reduced fresh or regenerated catalyst with a sulfiding agent (e.g H₂S) until the sulfur content is 0.3 to 2.0 or more atoms of sulfur per atom of metal components and subsequently contacting the sulfided catalyst with a hydrogen-containing gas at a temperature of 482 to 510 DEG C until H₂S evolution substantially ceases. The hydrocarbon feed is thereafter passed in contact with the catalyst.

IPC 1-7

C10G 35/22

IPC 8 full level

C10G 35/22 (2006.01)

CPC (source: EP)

C10G 35/22 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

EP 0036048 A1 19810923

DOCDB simple family (application)

EP 80300777 A 19800313