

Title (en)

METHOD OF REDUCING COKE FORMATION IN HEAVY HYDROCARBON FEED CATALYTIC CRACKING

Publication

EP 0066018 B1 19860312 (EN)

Application

EP 81302405 A 19810601

Priority

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Abstract (en)

[origin: EP0066018A1] A method for decreasing the amount of coke produced during the cracking of hydrocarbon feedstock to lower molecular weight products in a reaction zone (10), where the feedstock contains at least two metal contaminants selected from nickel, vanadium and iron, and where these contaminants become deposited on the catalyst, comprises passing the catalyst through a reduction zone (70) maintained at an elevated temperature for a time sufficient to at least partially passivate the catalyst before the catalyst enters the reaction zone (10). The amount of coke may be decreased still further by the addition to reaction zone (10) of a hydrogen donor material which may be, e.g. a hydrogenated fraction (92) of the cracked product (52).

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C10G 11/02; **C10G 11/18**

IPC 8 full level

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CPC (source: EP)

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Cited by

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