

Title (en)

IMMOBILIZATION OF VANADIUM DEPOSITED ON SORBENT MATERIALS DURING THE TREATMENT OF OILS CONTAINING HEAVY METALS AND COKE PRECURSORS

Publication

EP 0065626 B1 19860723 (EN)

Application

EP 82101769 A 19820306

Priority

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Abstract (en)

[origin: EP0065626A2] A process is disclosed for the treatment of a hydrocarbon oil feed having a significant content of vanadium to provide a higher grade of oil products by contacting the feed under treatment conditions in a treatment zone with sorbent material. Treatment conditions are such that coke and vanadium in an oxidation state less than +5 are deposited on the sorbent in the treatment zone. Coked sorbent is regenerated in the presence of an oxygen containing gas at a temperature sufficient to remove the coke and under conditions keeping vanadium in an oxidation state less than +5 and regenerated sorbent is recycled to the treatment zone for contact with fresh feed.

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