

Title (en)

METHODS FOR UPGRADING OF CONTAMINATED HYDROCARBON STREAMS

Title (de)

VERFAHREN ZUR VEREDELUNG VON KONTAMINIERTEN KOHLENWASSERSTOFFSTRÖMEN

Title (fr)

PROCÉDÉS DE VALORISATION DE COURANTS D'HYDROCARBURES CONTAMINÉS

Publication

EP 2859066 A4 20160413 (EN)

Application

EP 13803981 A 20130603

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Abstract (en)

[origin: WO2013188144A1] A method of upgrading a heteroatom-containing hydrocarbon feed by removing heteroatom contaminants is disclosed. The method includes contacting the heteroatom-containing hydrocarbon feed with an oxidant and an immiscible acid to oxidize the heteroatoms, contacting the oxidized- heteroatom- containing hydrocarbon feed with caustic and a selectivity promoter, and removing the heteroatom contaminants from the heteroatom-containing hydrocarbon feed. The oxidant may be used in the presence of a catalyst.

IPC 8 full level

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CPC (source: CN EP)

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Citation (search report)

- [X] US 2011108464 A1 20110512 - RANKIN JONATHAN P [US], et al
- [X] US 2011031164 A1 20110210 - LITZ KYLE E [US], et al
- See references of WO 2013188144A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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