

Title (en)

PROCESS AND APPARATUS FOR REMOVAL OF HEAVY POLYNUCLEAR AROMATICS IN A HYDROCRACKING PROCESS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ENTFERNUNG VON SCHWEREN MEHRKERNIGEN AROMATEN IN EINEM HYDROKRACKVERFAHREN

Title (fr)

PROCÉDÉ ET APPAREIL POUR L'ÉLIMINATION DE COMPOSÉS AROMATIQUES POLYNUCLÉAIRES LOURDS DANS UN PROCÉDÉ D'HYDROCRAQUAGE

Publication

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Application

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Priority

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Abstract (en)

[origin: US2018044599A1] Processes and apparatuses are disclosed for removing heavy polynuclear aromatic compounds from a hydrocracked stream comprising passing at least a portion of the hydrocracked stream to a fractionation column to provide a plurality of fractionator product streams and a fractionator bottoms stream comprising unconverted hydrocarbons. A first stream and a second stream are taken from the fractionator bottoms stream. The first stream is passed through a heavy polynuclear aromatic adsorption zone to obtain a treated bottoms stream having a reduced concentration of heavy polynuclear aromatic compounds. The second stream is bypassed around the heavy polynuclear aromatic adsorption zone. Finally, the treated bottoms stream and the bypassed second stream are hydrocracked.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- [A] US 6217746 B1 20010417 - THAKKAR VASANT P [US], et al
- [X] US 5464526 A 19951107 - SAUNDERS DENNIS L [US]
- See references of WO 2018031252A1

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