

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'HYDROCRACKAGE

Publication

**EP 3497185 A4 20200318 (EN)**

Application

**EP 17840008 A 20170728**

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

**C10G 67/06** (2006.01); **C10G 47/00** (2006.01)

CPC (source: EP US)

**C10G 67/06** (2013.01 - EP US); **C10G 2300/202** (2013.01 - EP US); **C10G 2300/205** (2013.01 - EP US)

Citation (search report)

- [X] US 2006213809 A1 20060928 - BARTHELET KARIN [FR], et al
- [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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