

Title (en)  
METHODS FOR REMOVING UNSATURATED ALIPHATIC HYDROCARBONS FROM A HYDROCARBON STREAM USING CLAY

Title (de)  
VERFAHREN ZUR ENTFERNUNG VON UNGESÄTTIGTEN ALIPHATISCHEN KOHLENWASSERSTOFFEN AUS EINEM KOHLENWASSERSTOFFSTROM MITTELS TON

Title (fr)  
PROCÉDÉS POUR L'ÉLIMINATION D'HYDROCARBURES ALIPHATIQUES INSATURÉS D'UN COURANT D'HYDROCARBURES UTILISANT DE L'ARGILE

Publication  
**EP 2655298 A4 20140813 (EN)**

Application  
**EP 11850572 A 20111214**

Priority

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- US 201061424831 P 20101220
- US 2011064774 W 20111214

Abstract (en)  
[origin: WO2012087690A2] Disclosed is a method for removing unsaturated aliphatic compounds from a hydrocarbon feed stream by contacting the hydrocarbon feed stream with one of an adsorbent comprising clay, an acidic molecular sieve, and activated carbon to produce a hydrocarbon effluent stream having a lower unsaturated aliphatic content relative to the hydrocarbon feed stream. The hydrocarbon feed stream comprises an aromatic compound, a nitrogen compound, and an unsaturated aliphatic compound.

IPC 8 full level  
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CPC (source: EP KR)  
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Citation (search report)

- [IA] WO 9938936 A1 19990805 - MOBIL OIL CORP [US]
- [IA] US 2006270886 A1 20061130 - BROWN STEPHEN H [BE], et al
- See references of WO 2012087690A2

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DOCDB simple family (publication)  
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**US 2011064774 W 20111214**; CN 201180059787 A 20111214; EP 11850572 A 20111214; JP 2013544719 A 20111214; KR 20137018280 A 20111214; SG 2013047154 A 20111214; TW 100147550 A 20111220