

Title (en)  
PROCESS AND APPARATUS FOR PRODUCING DIESEL

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON DIESEL

Title (fr)  
PROCÉDÉ ET APPAREIL POUR PRODUIRE DU DIESEL

Publication  
**EP 2691494 A4 20140903 (EN)**

Application  
**EP 12763540 A 20120329**

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- US 201161549978 P 20111021
- US 201113324186 A 20111213
- US 2012031154 W 20120329

Abstract (en)  
[origin: WO2012134838A2] A process and apparatus are disclosed for hydrocracking hydrocarbon feed in a hydrocracking unit and hydrotreating a diesel product from the hydrocracking unit in a hydrotreating unit. The hydrocracking unit and the hydrotreating unit may share the same recycle gas compressor. A make-up hydrogen stream may also be compressed in the recycle gas compressor. A warm separator separates recycle gas and hydrocarbons from diesel in the hydrotreating effluent, so fraction of the diesel is relatively simple. The warm separator also keeps the diesel product separate from the more sulfurous diesel in the hydrocracking effluent, and still retains heat needed for fractionation of lighter components from the low sulfur diesel product.

IPC 8 full level  
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Citation (search report)

- [X] WO 2009008879 A1 20090115 - UOP LLC [US], et al
- [X] US 2003089637 A1 20030515 - GUERET CHRISTOPHE [FR], et al
- [X] US 2003089638 A1 20030515 - GUERET CHRISTOPHE [FR], et al
- See references of WO 2012135460A2

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DOCDB simple family (publication)  
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**US 2012029393 W 20120316**; CN 201280011829 A 20120329; EP 12763540 A 20120329; KR 20137021464 A 20120329; RU 2013136048 A 20120329; US 2012031154 W 20120329