

Title (en)  
SYSTEMS AND METHODS FOR MAKING A MIDDLE DISTILLATE PRODUCT AND LOWER OLEFINS FROM A HYDROCARBON FEEDSTOCK

Title (de)  
SYSTEME UND VERFAHREN ZUR HERSTELLUNG EINES MITTELDESTILLATPRODUKTS UND NIEDERER OLEFINE AUS EINEM KOHLENWASSERSTOFF-EINSATZSTOFF

Title (fr)  
SYSTÈMES ET PROCÉDÉS DE FABRICATION D'UN PRODUIT DE DISTILLAT MOYEN ET D'OLÉFINES INFÉRIEURES À PARTIR D'UNE CHARGE D'HYDROCARBURES

Publication  
**EP 2220195 A1 20100825 (EN)**

Application  
**EP 08844288 A 20081029**

Priority  
• US 2008081583 W 20081029  
• US 98402907 P 20071031

Abstract (en)  
[origin: WO2009058863A1] A system comprising a riser reactor comprising a gas oil feedstock and a first catalyst under catalytic cracking conditions to yield a riser reactor product comprising a cracked gas oil product and a first used catalyst; a intermediate reactor comprising at least a portion of the cracked gas oil product and a second catalyst under high severity conditions to yield a cracked gasoline product and a second used catalyst; a regenerator to regenerate the first used catalyst to the second catalyst; and a draw-off vessel to remove undesirable gases from the second catalyst from the regenerator.

IPC 8 full level  
**C10G 11/18** (2006.01); **C10G 51/00** (2006.01); **C10G 51/02** (2006.01); **C10G 51/06** (2006.01); **C10G 57/02** (2006.01)

CPC (source: EP)  
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Citation (search report)  
See references of WO 2009058863A1

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DOCDB simple family (publication)  
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**US 2008081583 W 20081029**; CN 200880114010 A 20081029; EP 08844288 A 20081029; RU 2010121906 A 20081029