

Title (en)  
INTEGRATED RESIDUA UPGRADING AND FLUID CATALYTIC CRACKING

Title (de)  
INTEGRIERTE AUFARBEITUNG VON RÜCKSTÄNDEN UND KATALYTISCHES WIRBELBETTCRACKEN.

Title (fr)  
ENRICHISSEMENT INTEGRE DE RESIDUUM ET CRAQUAGE CATALYTIQUE FLUIDE

Publication  
**EP 0842243 A4 19990414 (EN)**

Application  
**EP 96924452 A 19960712**

Priority  
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Abstract (en)  
[origin: WO9704043A1] A residuum feedstock (10) is upgraded in a short vapor contact time thermal process unit (11) comprised of a horizontal moving bed of fluidized hot particles. The resulting upgraded product (14) is then fed to a fluid catalytic cracking process unit (17) where the upgraded product is converted to lower boiling products (48).

IPC 1-7  
**C10G 55/02**; **C10G 55/06**; **C10G 51/04**

IPC 8 full level  
**C10B 55/10** (2006.01); **C10G 9/32** (2006.01); **C10G 25/09** (2006.01); **C10G 31/06** (2006.01); **C10G 51/04** (2006.01); **C10G 55/02** (2006.01); **C10G 55/06** (2006.01); **C10G 57/00** (2006.01)

CPC (source: EP)  
**C10B 55/10** (2013.01); **C10G 9/32** (2013.01); **C10G 25/09** (2013.01); **C10G 31/06** (2013.01); **C10G 51/04** (2013.01); **C10G 55/06** (2013.01); **C10G 57/00** (2013.01)

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