

Title (en)  
LOW-PRESSURE HYDROCRACKING PROCESS

Title (de)  
HYDROCRACKEN BEI NIEDRIGEM DRUCK

Title (fr)  
PROCEDE D'HYDROCRAQUAGE A BASSE PRESSION

Publication  
**EP 1159376 A1 20011205 (EN)**

Application  
**EP 99966258 A 19991215**

Priority  
• US 9929745 W 19991215  
• US 22357498 A 19981230

Abstract (en)  
[origin: WO0040675A1] A catalytic process is provided for converting a high boiling point range petroleum stream to distillate range product which includes contacting a petroleum feedstock having a boiling range from 600 DEG to 1100 DEG F with a hydrocracking catalyst having a zeolite component with a framework silica to alumina ratio of at least 200:1, preferably 2000:1, and a hydrogenation component. The process is conducted under superatmospheric hydrogen partial pressure to effect at least 20 % conversion, with at least 50 % of the converted product remaining in the boiling range of 330 DEG to 730 DEG F.

IPC 1-7  
**C10G 47/02**; **C10G 47/04**; **C10G 47/14**; **C10G 47/16**; **C10G 47/18**; **C10G 47/20**

IPC 8 full level  
**B01J 29/12** (2006.01); **B01J 29/74** (2006.01); **C10G 45/64** (2006.01); **C10G 47/18** (2006.01); **C10G 47/20** (2006.01); **C10G 65/12** (2006.01); **C10G 65/14** (2006.01)

CPC (source: EP US)  
**C10G 45/64** (2013.01 - EP US); **C10G 47/18** (2013.01 - EP US); **C10G 47/20** (2013.01 - EP US); **C10G 65/12** (2013.01 - EP US)

Citation (search report)  
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