

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
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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)
See references of WO 0040675A1

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