

(19)



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(11)

**EP 0 751 205 A3**

(12)

**EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**09.04.1997 Bulletin 1997/15**

(51) Int. Cl.<sup>6</sup>: **C10G 47/16**, C10G 65/12,  
C10G 69/08

(43) Date of publication A2:  
**02.01.1997 Bulletin 1997/01**

(21) Application number: **96201790.1**

(22) Date of filing: **28.06.1996**

(84) Designated Contracting States:  
**DE ES FI FR GB IT NL**

(30) Priority: **29.06.1995 EP 95201781**

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(54) **Process for converting residual hydrocarbon oils**

(57) Process for hydrocracking residual hydrocarbon oils, which process comprises contacting a residual hydrocarbon oil in the presence of hydrogen with a hydrocracking catalyst comprising a modified zeolite Y having a unit cell size in the range of from 24.20 to 24.65 Å under operating conditions whereby at least 20% by weight of the hydrocarbons having a boiling point of 520 °C or higher present in the residual hydrocarbon oil is converted into hydrocarbons having a boiling point below 520 °C.

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EUROPEAN SEARCH REPORT

Application Number  
EP 96 20 1790

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	EP 0 421 422 A (RESEARCH ASSOCIATION FOR RESIDUAL OIL PROCESSING) * the whole document * ---	1-17	C10G47/16 C10G65/12 C10G69/08
X	EP 0 028 938 A (UNION CARBIDE) * the whole document * ---	1-13	
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A	EP 0 292 030 A (SHELL) ---		
A	EP 0 588 440 A (SHELL) ---		
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)  C10G
Place of search THE HAGUE		Date of completion of the search 10 February 1997	Examiner Michiels, P
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone                      Y : particularly relevant if combined with another document of the same category                      A : technological background                      O : non-written disclosure                      P : intermediate document</p> <p>T : theory or principle underlying the invention                      E : earlier patent document, but published on, or after the filing date                      D : document cited in the application                      L : document cited for other reasons                      .....                      &amp; : member of the same patent family, corresponding document</p>			

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