

Title (en)  
THERMOCATALYTIC HYDROCONVERSION OF A HEAVY HYDROCARBONACEOUS FEEDSTOCK

Publication  
**EP 0297950 B1 19910626 (FR)**

Application  
**EP 88401552 A 19880621**

Priority  
FR 8709441 A 19870702

Abstract (en)  
[origin: EP0297950A1] The process comprises three stages in the presence of hydrogen: a thermal first reaction (M), a catalytic second reaction (R1, R2) carried out with catalysts of decreasing particle size and relatively low acidity and a catalytic third reaction (R3, R4) carried out with a catalyst of relatively high acidity. Application to the treatment of hydrocarbon feedstocks containing resins and/or asphaltenes, for the purpose of converting them into less heavy fractions. <IMAGE>

IPC 1-7  
**C10G 65/12**

IPC 8 full level  
**B01J 27/043** (2006.01); **B01J 27/051** (2006.01); **C10G 65/04** (2006.01); **C10G 65/10** (2006.01); **C10G 65/12** (2006.01)

CPC (source: EP)  
**C10G 65/04** (2013.01); **C10G 65/12** (2013.01)

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**EP 0297950 A1 19890104; EP 0297950 B1 19910626**; AT E64748 T1 19910715; DE 3863398 D1 19910801; FR 2617498 A1 19890106; FR 2617498 B1 19891208; JP S6429494 A 19890131

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