

Title (en)  
THERMAL CRACKING OF A HYDROCARBON FEED

Title (de)  
THERMISCHES KRACKEN EINES KOHLENWASSERSTOFFSTROMES

Title (fr)  
CRAQUAGE THERMIQUE D'UN CHARGEMENT D'HYDROCARBURE

Publication  
**EP 0690900 B1 19961113 (EN)**

Application  
**EP 94912498 A 19940318**

Priority

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- EP 9400895 W 19940318
- EP 93200832 A 19930322

Abstract (en)

[origin: WO9421749A1] Thermal cracking of a hydrocarbon feed comprising heating the feed in a furnace (1); supplying the feed to a reaction chamber (15); separating the stream from the reaction chamber (15) into a light products stream and into a heavy products stream; and supplying the heavy products stream to a vacuum distillation column (30) to separate the heavy products stream into fractions, wherein supplying the heavy products stream to the vacuum distillation column comprises passing the heavy product stream through a flow control valve (36), passing the heavy products stream upwards through a stand-pipe (38) having such a length that the fluid pressure at the end of the stand-pipe (38) is such that vaporization at its bottom end is suppressed, and subsequently passing the heavy products stream through a transfer conduit (40) into the vacuum distillation column (30), the transfer conduit (40) having such a configuration that the fluid pressure at its outlet matches the fluid pressure in the vacuum distillation column (30).

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**C10G 9/00; C10G 7/06**

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