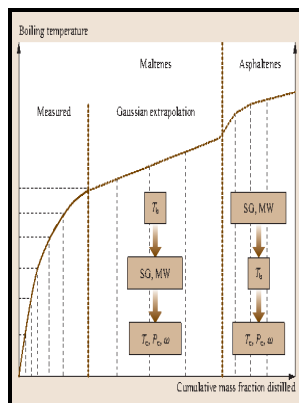


Effect of Thermal Hydrocracking on the Distribution of Compound-Types in Athabasca Bitumen.

s.n - US4485004A



Description: -
-Effect of Thermal Hydrocracking on the Distribution of Compound-Types in Athabasca Bitumen.

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CANMET report -- 81-11
CANMET report -- 76-32Effect of Thermal Hydrocracking on the Distribution of Compound-Types in Athabasca Bitumen.

Notes: 1
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Chapter 6 Thermal Cracking of Athabasca Bitumen

The experimental conditions and results are shown in Table 4. Presented as Paper 19E at the 1990 AIChE National Meeting. Franco, Richard Zabala, Farid B.

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A no-slip wall boundary condition is specified for the liquid phase and a free slip wall boundary condition for the vapor and solid phases.

International Centre for Heavy Hydrocarbons

In addition, the applicant of the present invention has proposed in JP-A 9-235569 a method of hydrogenating heavy oils at two stages as one of the improved versions of the technique belonging to catalytic hydrocracking.

Kinetics of non

BOX 130, 401 - 9TH AVENUE, S.

Thermal cracking of Athabasca VR and bitumen and their maltene fraction in a closed reactor system

Barnewold Germany CHARACTERISTICS OF STEAM-FOAM DRIVE PROCESS IN MASSIVE MULTI-ZONE AND THIN SINGLE-ZONE RESERVOIRS Shane S. Experimental Study on Transport of Ultra-Dispersed Catalyst Particles in Porous Media.

Kinetics of non

The selection of delayed-coking over mild thermal-cracking processes, such as visbreaking, was based on the high yields of residuum produced in

these processes that would exceed the fuel requirements of the process, especially, if the distillates had to be shipped elsewhere for hydrogen treating. As a result, as shown in Table 3, the amount of produced coke was 0.

Kinetics and mechanisms of the catalytic thermal cracking of asphaltenes adsorbed on supported nanoparticles

Energy Procedia 2015, 75 , 2068-2073. The reaction pressure is preferably selected within the range of 2 to 14 MPaG, and more preferably within the range of 5 to 12 MPaG.

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The method of claim 17 wherein the number of rings for Ar is from 2 to 3.

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