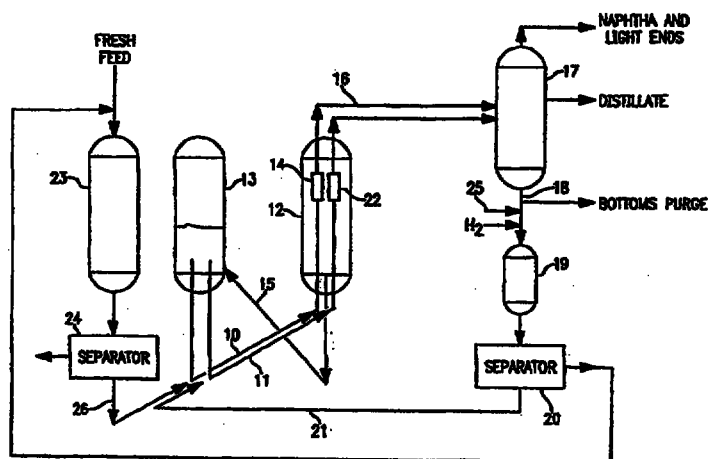




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(54) Title: INTEGRATED STAGED CATALYTIC CRACKING AND STAGED HYDROPROCESSING PROCESS

**(57) Abstract**

A catalytic cracking process includes more than one catalytic cracking step and integrates catalytic cracking steps with hydroprocessing in order to maximize olefins production, distillate quality and octane level of the cracked product. In the process, a hydrocarbon feed is hydroprocessed in a hydroprocessor (23) with this hydroprocessed hydrocarbon being passed to a first catalytic cracking zone (10) to form a first cracked product. This first cracked product is passed to a separator (17) in which hydrocarbon fractions including a gas oil-containing bottoms fraction are separated. This bottoms fraction is then passed to a second hydroprocessor (19) to form a second hydroprocessed hydrocarbon. This second hydroprocessed hydrocarbon is then passed to a second separator (20) to separate a hydroprocessed bottoms fraction and an unspent hydrogen fraction. The unspent hydrogen fraction is combined with the feed and the hydroprocessed bottoms fraction is passed to a second catalytic cracker (11) to form a second cracked product.