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(54) Title: PROCESS FOR C₅₊ HYDROCARBON CONVERSION

(57) Abstract: In some examples, a vapor phase product and a liquid phase product can be separated from a heated mixture that can include steam and a hydrocarbon. The liquid phase product can be catalytically cracked in the presence of a fluidized catalyst to produce a catalytically cracked effluent. A bottoms product can be separated from the catalytically cracked effluent. The bottoms product can be hydroprocessed to produce a hydroprocessed product. For example, the bottoms product can be hydroprocessed under pre-treater hydroprocessing conditions to produce a pre-treated bottoms product and the pre-treated bottoms product can be hydroprocessed under bottoms product hydroprocessing conditions to produce the hydroprocessed product. A hydroprocessor heavy product can be separated from the hydroprocessed product. The vapor phase product can be steam cracked to produce a steam cracker effluent. A tar product and an upgraded steam cracker effluent can be separated from the steam cracker effluent.



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