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(54) Title: CATALYTIC STRIPPING FOR MERCAPTAN REMOVAL

(57) Abstract: Sulfur levels in a mercaptan sulfur containing hydrocarbon feedstream are decreased by passing the feedstream over a fixed bed catalyst in the presence of a stripping gas under conditions sufficient to decompose at least a portion of the mercaptans to produce olefins, H₂S, an off gas, and a hydrocarbon product stream having decreased levels of mercaptan sulfur and to disengage the product stream from the H₂S.

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