

SULFUR AND MERCAPTAN REMOVAL FROM HYDROCARBON STREAMS CONTAINING REACTIVE UNSATURATES

ABSTRACT

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Sulfur and mercaptans in hydrocarbon streams comprising reactive unsaturates are removed by contacting the hydrocarbon stream at mild temperatures with a hydrogen reduced metal oxide, such as copper, zinc and/or aluminum oxide, without the undesirable byproduct reaction of
10 oligomerization or polymerization of the reactive unsaturates.