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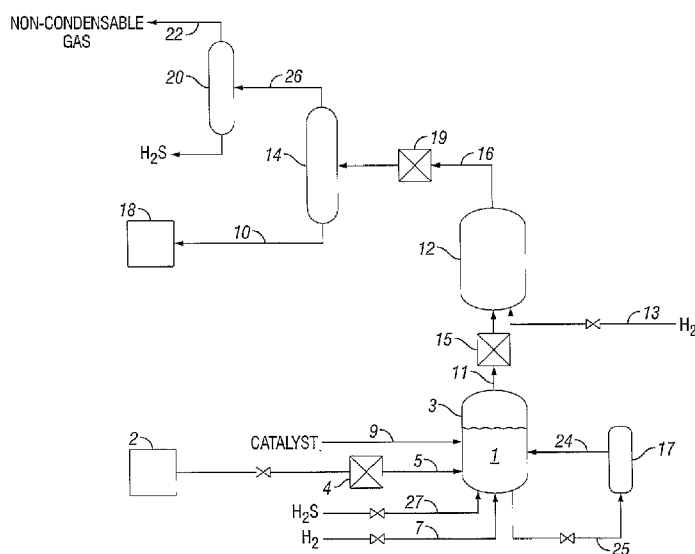
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[Continued on next page]

(54) Title: HYDROCRACKING OF A HEAVY HYDROCARBON FEEDSTOCK USING A COPPER MOLYBDENUM SULF-
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(57) Abstract: A process is provided in which a first hydrocarbon-containing composition is provided where the first hydrocarbon-containing composition comprises hydrocarbons having a boiling range from 25°C to 538°C and from 0.1 wt.% to 5 wt.% sulfur, where at least 40 wt.% of the sulfur is contained in hydrocarbons having a boiling point of less than 343°C where at least 40 wt.% of the sulfur contained in hydrocarbons having a boiling point less than 343°C is contained in benzothiophenic compounds, and the first hydrocarbon-containing compound is hydrotreated to produce a second hydrocarbon-containing compound.



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