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ACTION

(54) Title: CONTINUOUS LIQUID HYDROCARBON TREATMENT METHOD

(57) Abstract: The invention relates to a method for treating and upgrading a hydrocarbon containing acidic species such as mercaptans, comprising: (a) contacting the hydrocarbon, in the essential absence of oxygen, with a first phase of a treatment composition containing water, dissolved alkali metal hydroxide, cobalt phthalocyanine sulfonate, and dissolved alkylphenylates and having at least two phases, (i) the first phase containing water, alkali metal alkylphenylate, dissolved alkali metal hydroxide, and dissolved sulfonated cobalt phthalocyanine, and (ii) the second phase containing water and dissolved alkali metal hydroxide; and then (b) separating an upgraded hydrocarbon.

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