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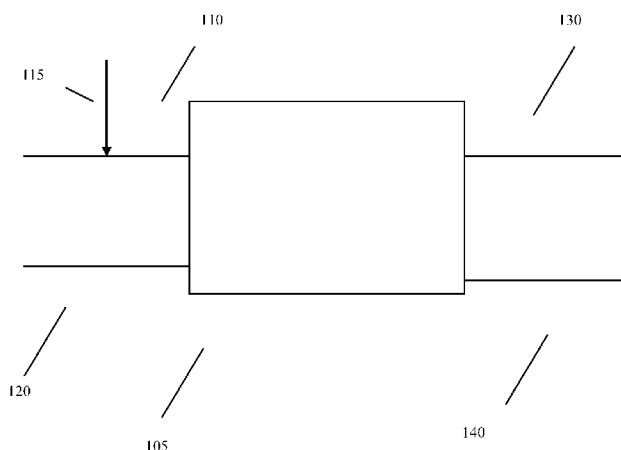
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(54) Title: SELECTIVE DESULFURIZATION OF NAPHTHA USING REACTION INHIBITORS

FIG. 1



(57) Abstract: A reaction inhibitor can be used to reduce catalyst activity at the beginning of a naphtha selective hydrodesulfurization process. The use of the reaction inhibitor can allow greater flexibility in selecting the reaction conditions to accommodate both the start and end of the hydrodesulfurization process. The reaction inhibitor can be removed during the hydrodesulfurization process, possibly in conjunction with modification of the reaction temperature, in order to maintain a substantially constant amount of sulfur in the naphtha product.