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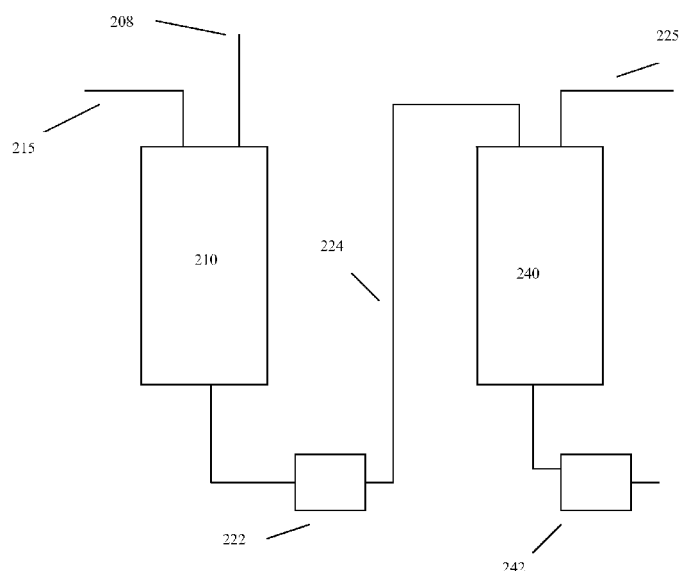
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(54) Title: STACKING OF LOW ACTIVITY OR REGENERATED CATALYST ABOVE HIGHER ACTIVITY CATALYST

FIGURE 2



(57) Abstract: Processes are provided for using employing lower activity hydrodesulfurization catalysts while achieving a desired product sulfur content. After determining effective reaction conditions for hydrodesulfurization using a reference catalyst system, an upstream portion of the catalyst system can be replaced with a lower activity upstream portion. The process allows tailored product sulfur levels to be achieved using reaction conditions similar to those for the reference catalyst system.



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