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(54) Title: ADIABATIC REGENERATION OF SULFUR CAPTURING ADSORBENTS

(57) Abstract: The present invention provides a process for regeneration of the sulfur capturing spent adsorbents after sulfur capturing using a hydrolyzing agent under adiabatic conditions. In accordance with the process of the present invention hydrolyzing agent is introduced to the spent adsorbent in a controlled manner such that the exothermic heat generated within the adsorbent bed does not rise above the predetermined temperature limit.



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