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(54) Title: MODIFIED CARBON ADSORBENTS

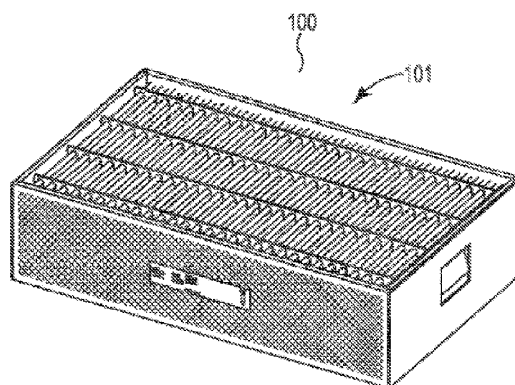


Figure 2

(57) Abstract: Provided are certain activated carbonaceous materials which have been treated with dilute mineral acids to modify their surface chemistry and morphology. The modified activated carbonaceous materials of the disclosure are useful in removing certain contaminants from gaseous streams. In one embodiment, the contaminants are compounds containing silicon and oxygen moieties, such as alkyl silanols and alkyl siloxanes. The modified activated carbonaceous materials can be incorporated into filters and filter systems.



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