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(54) Title: PROCESS FOR REMOVING A TARGET GAS FROM A MIXTURE OF GASES BY SWING ADSORPTION

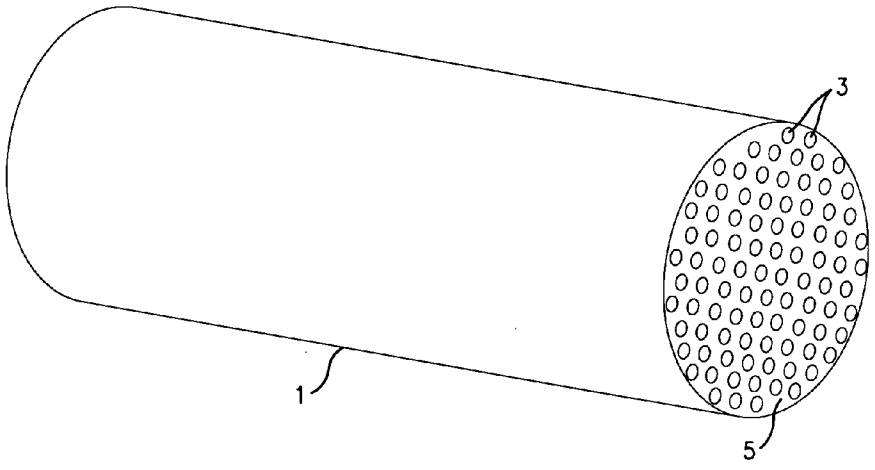


FIG. 1

(57) Abstract: The present invention relates the separation of a target gas from a mixture of gases through the use of engineered structured adsorbent contactors in pressure swing adsorption and thermal swing adsorption processes. Preferably, the contactors contain engineered and substantially parallel flow channels wherein 20 volume percent or less of the open pore volume of the contactor, excluding the flow channels, is in the mesopore and macropore range.

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