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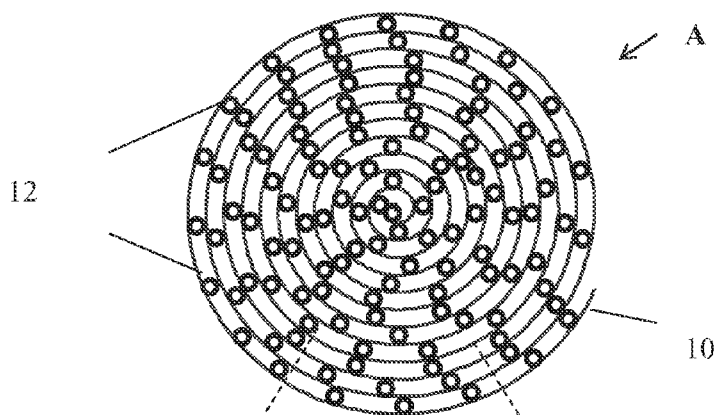
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(54) **Title:** RAPID TEMPERATURE SWING ADSORPTION CONTACTORS FOR GAS SEPARATION

Figure 1



(57) **Abstract:** Novel adsorbent contactors and methods are disclosed herein for use in temperature swing adsorption for gas separation applications, as well as for heat exchange applications.