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(54) Title: ELECTROCHEMICALLY ENHANCED PROCESS FOR NEXT GENERATION CARBON DIOXIDE CAPTURE

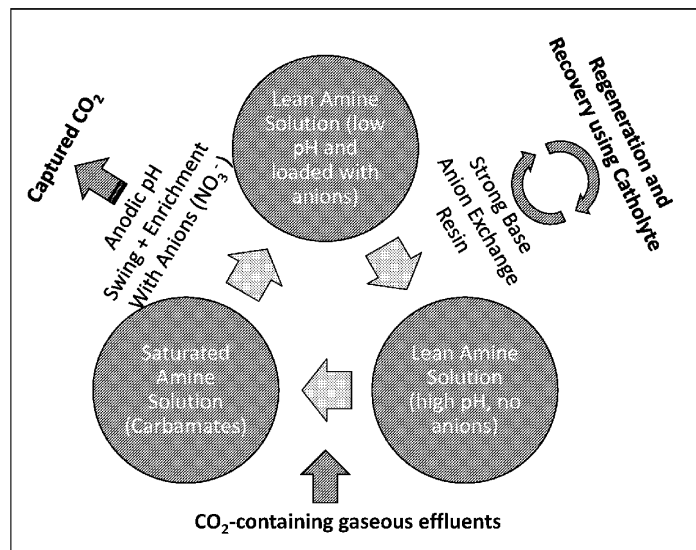


Figure 1

(57) Abstract: Disclosed herein are methods of electrochemically enhanced amine-based CO₂ capture and systems for performing the methods of amine-based CO₂ capture. The present methods and systems advantageously may be carried out at ambient temperatures and allow for reusing the amine through multiple cycles.

[Continued on next page]

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