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(54) Title: GASEOUS CO₂ CAPTURE SYSTEMS FOR IMPROVING CAPTURE PERFORMANCE, AND METHODS OF USE THEREOF

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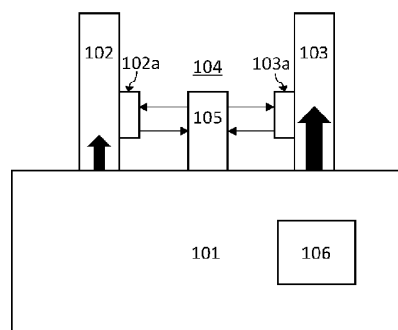


FIG. 1

(57) Abstract: Gaseous CO₂ capture systems are provided. Systems of interest include a plurality of gaseous CO₂ sources and at least one common CO₂ capture constraining element shared by the plurality of CO₂ sources. The subject systems are configured to improve at least one gaseous CO₂ capture performance metric relative to a suitable control. Gaseous CO₂ capture systems involving power plants, industrial plants, common mineralization capture system feed sources, common electrical grids, and common building material producers are also provided.

