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(54) Title: CARBON DIOXIDE SEQUESTRATIONS INVOLVING TWO-SALT-BASED THERMOLYTIC PROCESSES

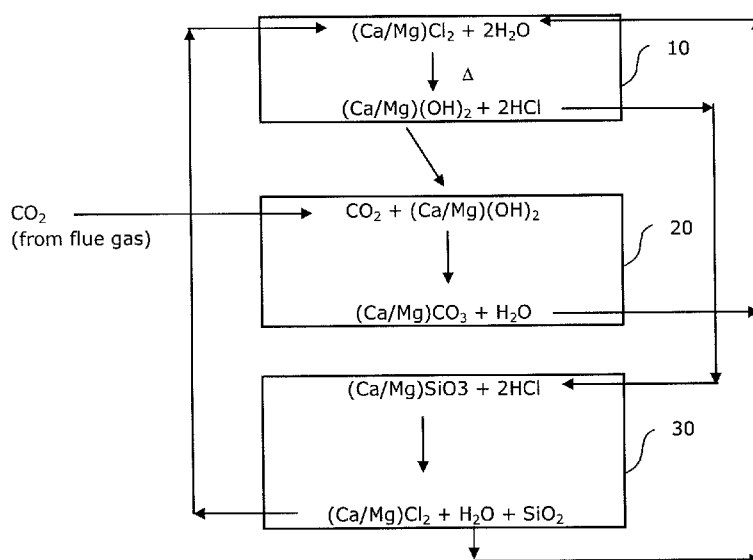


FIG. 1

(57) Abstract: The present invention relates to an energy efficient carbon dioxide sequestration processes whereby Group 2 silicate minerals and CO₂ are converted into limestone and sand using a two-salt thermolytic process that allows for the cycling of heat and chemicals from one step to another.



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