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(54) Title: CARBON CAPTURE

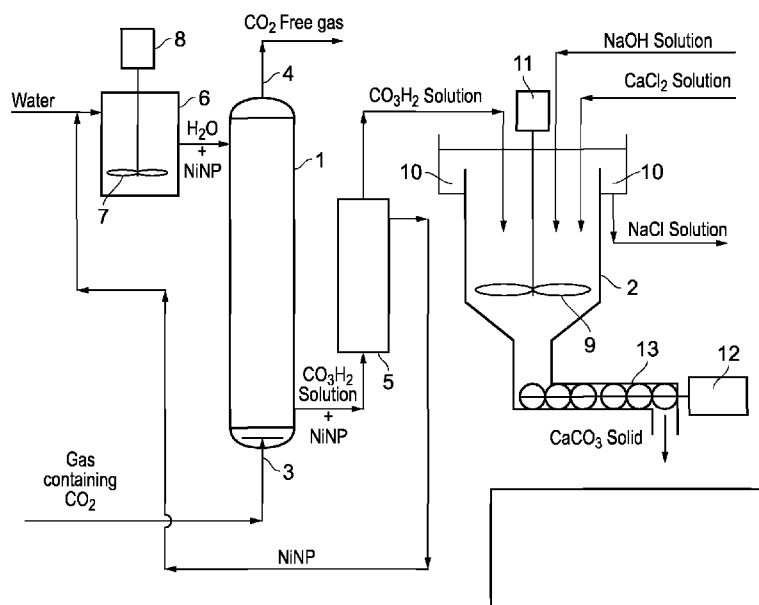


FIG. 7

(57) Abstract: The use of solid metal materials for catalysing the hydration of carbon dioxide is described. Methods of and apparatus for hydrating carbon dioxide and capturing carbon are also described. The solid metal materials may be nickel nanoparticles. Particular application in the sequestration of carbon dioxide either at the point of release or from the atmosphere.

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