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(54) Title: CARBON CAPTURE

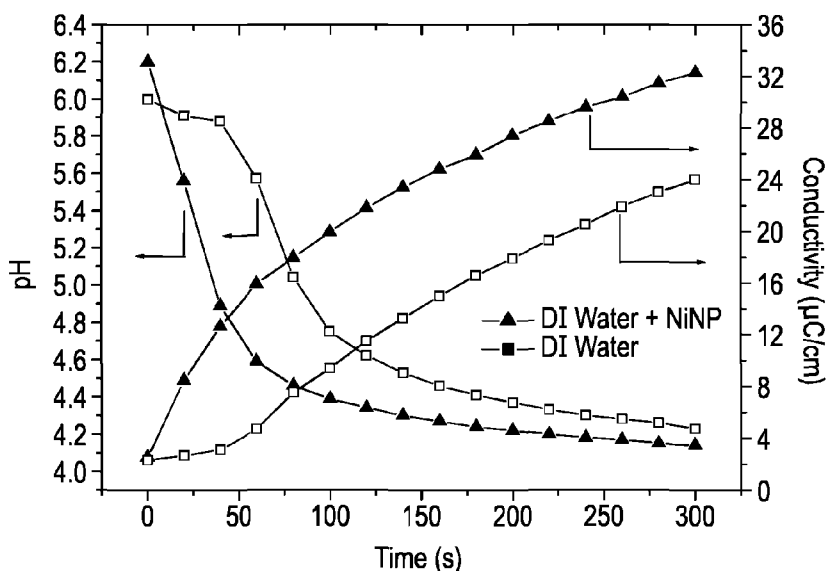


FIG. 5A

(57) Abstract: The present invention relates to the use of solid metal materials for catalysing the hydration of carbon dioxide. It also relates to methods of and apparatus for hydrating carbon dioxide and capturing carbon. The solid metal materials may be nickel nanoparticles. The invention finds particular application in the sequestration of carbon dioxide either at the point of release or from the atmosphere.



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