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Synthesizing green hydrogen in industry

Abstract:

This work presents synthesizing the industry by producing green hydrogen using electrolysis procedure to bring the present environment system into natural environment system. To carry out this work, electrolyzes are to be used as an extruded process to bring the effected environment system into the net-zero emission of the environment system. In this process, undesirable huge amount of industry carbon dioxide must be converted into carbon by splitting the highly purified water using electrolysis and electrolyze cells and by using strong electricity then the green hydrogen must be generated. In this process, electrolyzes are subjected to the zones of anode, electrolyte and cathode followed by this process the green hydrogen have been generated. In the portion of anode water split into hydrogen/oxygen cells after that hydrogen ions flow through the membrane of the electrolyte to cathode and by using external strong electric circuit the green hydrogen must be generated. To protect nature of the atmosphere and cloud precipitations should decrease the effect of green house by decreasing the emission acidity of carbon dioxide which is in the atmosphere. After anode iodization process the carbon cells must be used as carbon synthesis by pare procedure of the photo synthesis method to reduce its stages and by using the above procedures there is a scope to control the effected environment system.

Biography

Dr. Srinivasa Rao Pundru from INDIA affiliated to Mahatma Gandhi Institute of Technology [INDIA]. He was awarded the Doctor of Philosophy in Mechanical Engineering (Robotics) at Jawaharlal Nehru Technological University Kakinada [INDIA]. He completed Master of Engineering in Machine Design at Andhra University [INDIA]. He is an Academic Expert of QS World University Rankings and have been selected as a Recognized Researcher in Times Higher Education “World University Rankings”, based on his record of research publications. He submitted the highly confidential reports to Academic Reputation of Times Higher Education “World University Rankings” in respective Years 2023, 2022. All his published research articles are Cross referred and Scopus. All his Springer articles are promoted to Cross reference appendix, Scopus appendix, and all his published Springer articles are promoted externally to NASA and incorporated by NASA Astrophysics Data System. His Springer published articles are promoted to Harvard University and Researcher App. He was selected as an Academic Expert in “Times Higher Education- World University rankings” based on his Record of Research Publications. He was a Keynote Forum Speaker in “The 11th Annual World Congress of Ocean (WCO-2023)” – The 21st Conference on International Exchange of Professionals – Parallel Session in Japan and Cluster Meeting of Gala Technology 2023 on 15-17, 2023 at Emisia Sapporo, JAPAN. He was a Distinguished Speaker in Global Congress on “Advanced Satellite Communications 2023” Organized by Peers Alley Media, 1126 59 Ave East, V5X 1Y9, Vancouver BC, CANADA.