

Abstract: The TRAVELING WAVE PROPELLER, PUMP AND GENERATOR APPARATUSES, METHODS AND SYSTEMS include force or forces applied to an arc-like flexible sheet-like material to create a deformed crenated strip fin with strained-deformations. The strained-deformations take on a sinusoid-like form that express the internal energy state of the ...

C-Ray platform is a unique autonomous amphibious vehicle, developed by Pliant Energy Systems in Brooklyn NY, with funding from the Office of Naval Research (Dr. Tom McKenna at ONR). It can use several modes of locomotion found in the animal kingdom using just one pair of fins.

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Pliant Energy Systems specializes in the development of technologies within the marine robotics, energy generation, and pumping sectors. The company's main offerings include amphibious robots, systems for harnessing kinetic energy from flowing water to generate electricity, and passive irrigation pumps.

Pliant Energy Systems"s key executives include Benjamin Pietro Filardo and 1 others. Benjamin Pietro Filardo. Founder & CEO. Carles Civit. Director of Engineering. Source: pliantenergy . Report incorrect company information. Key Executive Tracking. Receive notifications of key executive changes.

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Pliant Energy Systems Awarded \$4.4M Contract from US Office of Naval Research Previous proof-of-concept prototype developed by Pliant Energy Systems \$4.4M contract (with Option) to develop an autonomous, amphibious vehicle with AI enhancements and swarming capability

Still, the engineers at Pliant Energy Systems are currently developing a next-gen version called C-Ray, which will likely be utilized to survey the ocean floor for potential hazards, and is funded by the US Navy, who is currently backing the ...

Pliant Energy Systems patents and develops technologies in the fields of electricity generation, marine robotics, propulsion and pumping. Products under development include the amphibious robot Velox, passive irrigation pumps and generators that harness the kinetic energy of flowing water to generate electricity.

Pliant Energy Systems has 5 employees at their 1 location and \$4.4 m in total funding,. See insights on Pliant Energy Systems including office locations, competitors, revenue, financials, executives, subsidiaries and more at Craft.

Web: <https://www.triceratech.co.za>