

Plastic barrel converted into solar generator

Julian Brown, a 21-year-old inventor from Atlanta, has built a solar powered pyrolysis machine that turns scrap plastic into fuel. This is a rough, hands on build made with ingenuity and a ...

Researchers from Jiangsu University and Shanghai Jiao Tong University have revealed a promising solution to the global plastic waste crisis through solar-driven photoreforming.

In this case we decompose scrap plastic into what it was made from: natural gas and petroleum. His facility is one hundred percent solar powered. The battery is a 100 kWh Komodo ...

Drawing ideas from carbon capture and storage (CCS)--a method of capturing CO₂ and storing it underground--the researchers transformed their solar-driven technology to work with flue gas or ...

A groundbreaking facility designed by inventor Naturejab has successfully converted scrap plastic into usable fuel through a solar-powered pyrolysis process.

Backyard scientist turns plastic waste into "plastoline" fuel using homemade pyrolysis reactor.

A groundbreaking innovation has emerged from Atlanta, where a young inventor has harnessed the power of solar energy to create a machine that transforms discarded plastic into ...

Plastic pollution and the urgent need for clean energy have become twin challenges of our times. Now, researchers in South Korea have unveiled a groundbreaking technology that tackles ...

In this video, we'll show you an innovative way to repurpose an old plastic barrel into a functional electricity generator.

No, that's not true: Brown's Naturejab system harnesses solar-powered microwaves to heat a pyrolysis reactor. That is a well-understood chemical process in which heated plastics ...

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