

Laser power systems thorium car

Reports recently appeared on a wide range of sites, that briefly described some of the work of scientists at Laser Power Systems, a Massachusetts-based research-and-development firm, that being on a new turbine electric generator system powered car, one that is energized by a ...

A car powered by as little as 8 grams of thorium would never need refueling. Laser Power Systems uses a high intensity laser to heat thorium, exciting the molecules to a point where...

Spent fuel reprocessed by UREX+ technique and spiked with thorium was submitted to a neutron irradiation in two different fusion-fission systems. One based on magnetic confinement and the other one on inertial confinement. The goal is to compare and find the better fusion system to induce transmutation with increased its efficiency.

U.S. Researcher Preparing Prototype Cars Powered by Heavy-Metal Thorium. Small blocks of thorium generate heat surges that are configured as a thorium-based laser, says U.S. inventor...

That's why a company called Laser Power Systems has created a concept for a thorium-powered car engine. The element is radioactive, and the team uses bits of it to build a laserbeam that heats water, produces steam, and powers an energy-producing turbine. Thorium is one of the most dense materials on the planet.

Mixed Oxide (MOX), as well as thorium and transuranic spiked with thorium are alternatives to the Low-Enriched Uranium (LEU) fuel used in Light Water Reactors (LWRs). There has been a revival of interest in the use of thorium in light water reactors because it's use in the nuclear fuel could provide longer life cycles and high burnup in

Now, Laser Power Systems, a small R& D start-up in Connecticut, has announced a new design for a thorium engine that could be used in a future car. The idea is to provide engine power that's...

This revolutionary concept, where Laser Power Systems and car manufacturers such as Cadillac play a significant part, involves using thorium to produce heat for conversion to electricity in the automobile.

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FCA and suppliers will invest 500 million BRL to install the new powertrain plant in Betim and to add flex fuel capability to the new engines, which will be able to operate with ethanol and gasoline simultaneously.

This article and included video from Young Turks claims that Laser Power Systems has produced a "concept for a car" which can run for 100 years on 8 grams of thorium without needing to be refueled. ...

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Laser Power Systems believes it's possible to miniaturize the laser, turbine engine and thorium pack so that it can fit into an automobile. Furthermore, since it takes only a small amount...

Laser Power Systems claims that it is possible to build a car powered by thorium. They propose using bits of thorium to build a laser beam that powers an energy-producing turbine. According to their calculations, just 1 gram of thorium yields more energy than 7,396 gallons of gas, and 8 grams of thorium could power a car for a century.

The concept for the thorium-powered car is introduced by Laser Power Systems, who claim to take the radioactive element and use it to generate a laser beam that in turn heats water, producing steam and powering the vehicle's engine. But if it's radioactive, that makes it extremely dangerous, right? Wrong.

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