



TECHNOLOGY

S.P.U.R.S. (Suspension Power Utilization and Recovery System)

OVERVIEW

Researchers at the University of Maryland have developed an improved electromechanical system that converts kinetic energy of an automobile's suspension system, among others, in addition to existing braking conversion systems. This suspension energy harvesting system is also known as SPURS (Suspension Power Utilization and Recovery System).

The SPURS system is designed to supplement a hybrid vehicle's electrical system. The system is lightweight, meets space restraints of any vehicles, is very efficient at harnessing the suspension's kinetic energy, and is low in cost.

For additional information, please contact the Office of Technology Commercialization, University of Maryland College Park, via e-mail at otc@umd.edu or phone at 301-405-3947.

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Additional Information

INSTITUTION

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LICENSE STATUS

Contact OTC for licensing information

CATEGORIES

- Engineering
- Power Electronics
- Clean Technology

EXTERNAL RESOURCES

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