TECHNOLOGY

Fire Protection System for Post-Crash Vehicle Engine Compartments

OVERVIEW

Inventors at the University of Maryland, College Park, have developed an on-board nitrogen-entrained foaming system for suppressing a vehicle fire. The system is capable of producing 200 liters/min of such foam and is compact.

It is envisioned that such a foam system can be deployed in advance of, for instance, an enemy missile attack, and thus the system could be used to protect sensitive electronic equipment aboard a tank or warship, as very little or no water is involved in generating the foam.

For more information, contact the University of Maryland, Office of Technology Commercialization, 301 405-3947 or by e-mail at otc@umd.edu.

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Additional Information

INSTITUTION

University of Maryland, College Park

PATENT STATUS

Patent(s) pending

LICENSE STATUS

Contact OTC for licensing information

CATEGORIES

- Chemical

EXTERNAL RESOURCES

- US Patent 7,229,067

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