



TECHNOLOGY

PtRu Core-Shell Nanoparticles for Heterogeneous Catalysis

OVERVIEW

There are known Pt-Ru bimetallics and core shell particles. However University of Maryland researchers have developed a bimetallic that is more efficient at oxidizing hydrogen in CO-rich gas feeds (wherein the CO is present in amounts of 1000 ppm) than any other reported catalyst.

It is believed that this new Pt-Ru catalyst will be used as a superior anode catalyst for hydrogen fuel cells.

For additional information please contact the 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

- Nanotechnology + Nanoparticles + Nanomaterials

EXTERNAL RESOURCES

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