

OAK RIDGE NATIONAL LABORATORY

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Compact Fuel Processing System

Disclosure Number

200101030

Technology Summary

An improved fuel cell feed processing system wherein reformat gas of hydrogen and water vapor is produced from a mixture of gasoline and air using a carbon foam heat exchanger and carbon molecular sieve scrubber in place of conventional desulfurizers, shift reactors, and partial oxidation reactors.

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Licensing Contact

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Note: The technology described above is an early stage opportunity. Licensing rights to this intellectual property may be limited or unavailable. Patent applications directed towards this invention may not have been filed with any patent office.