



Advanced Refining Concepts, LLC

ARC

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ADVANCED REFINING CONCEPTS ANNOUNCES ISSUANCE OF A FOURTH PATENT RELATED TO THE CLEARREFINING® TECHNOLOGY

- - CLEARREFINING® is a Unique Near-Zero Refining Technology Used in the Natural Gas and Petroleum Industries - -

SPARKS, Nev. – July 11, 2012 –Advanced Refining Concepts, LLC (ARC), a privately held developer and manufacturer of proprietary and industrial fuels, today announced that the U.S. Patent and Trademark Office has issued a patent to the company’s co-founders, Dr. Rudolf Gunnerman and Peter Gunnerman. Patent no. 8,203,027 titled “Continuous Process and Plant Design for Conversion of Biogas to Liquid Fuel,” relates to the **ClearRefining®** technology, a method for producing clean liquid fuels through a unique low temperature, low pressure catalytic refining process. The **ClearRefining®** technology infuses natural gas or biogas with liquid petroleum products in a near-zero emission, closed loop system that transforms the constituents into a higher quality and increased quantity of clean liquid motor fuel.

ARC uses the **ClearRefining®** technology under license to manufacture **GDiesel®** at its Peru Heights Refinery located in northern Nevada. **GDiesel®** requires no modifications to engines or fueling infrastructure and has been designated as an alternative fuel by the State of Nevada due to its significant reduction of certain regulated emissions. **GDiesel®** is sold to retail stations, truck stops, industrial customers and government fleets. To date, in excess of 30 million gallons of **GDiesel®** have been sold in the Northern Nevada and Las Vegas markets.

Patent no. 8,203,027 is in addition to three earlier United States patents related to the **ClearRefining®** technology that issued in 2010 and 2011. ARC has been notified that a fifth patent on the **ClearRefining®** technology will be issued to the Gunnermans later this month.

About Advanced Refining Concepts, LLC

Advanced Refining Concepts (ARC), co-founded by Rudolf Gunnerman and Peter Gunnerman, develops and manufactures fuels that produce cleaner emissions and more efficient combustion. ARC’s products are manufactured using the company’s proprietary **ClearRefining®** process, a pollution-free, single-step method for combining natural gas, or other biogases, with a petroleum base to achieve a higher quantity and higher quality of clean liquid motor and industrial fuels. The company’s **GDiesel®** product is compatible with existing fuel storage and dispensing equipment and requires no modifications to vehicles or power generating equipment.

For more information, visit www.ClearRefining.com.

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For media and press inquiries, please contact pgunnerman@clearrefining.com

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