



Energy Converter for changing the properties of diesel fuel and other sulfurous oil products

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Project



Creation of production capacity for the production of innovative low-frequency **electromagnetic generators**, hereinafter referred to as "EG", for the provision of services for the conversion of diesel fuel into environmentally friendly fuel with a low sulfur content of not more than 0.0007% or 7 ppm.

As well as the reduction of sulfur (STD) in anthracite angle is a multiple of 1.6 % to 0.7-0.5%

We propose to use the technology of electromagnetic treatment of diesel fuel developed by us, which will allow its release to the world markets with almost zero sulfur content.

The application of the technology shows the actual change of all physics and chemistry of fuel combustion in the combustion chamber.

This method of fuel treatment has been previously tested on diesel engines, which also recorded an improvement in the exhaust of the motor and in particular the cessation of the emission of burning. It is also possible to use this technology to produce other environmentally friendly fuels.

Project description



The project involves the implementation of a full cycle of works to ensure the acquisition of property laboratory complex, and staffing.

Output to the planned capacity of its own workshop intended for the manufacture of "EG" intended for the modification of various fuels and their installation in places of manufacture, storage and transportation of fuel.

For comparison. EURO-5 standard:

DIESEL MOTOR FUEL EN 590 (10 PPM=0.001%)

After processing by our device

DIESEL MOTOR FUEL EN 590 (5 PPM= 0.0005%)

Technical feature



"EG" is a completely new direction in the provision of services in the modification of diesel fuel and is fundamentally different from other methods, both in terms of technological support and the results of its application.

The equipment used for the implementation of technologies has a low cost, high reliability, is installed by parallel connection to the existing process without stopping it.

The volume processed by the unit of equipment is from 10 to 100 000 tons per day depending on the configuration of production capacities and properties of raw materials.

The power consumed by a unit of equipment does not exceed 0.5 kW per day.

It can be installed both at the gas station, the fuel warehouse of the port, the tanker and the refinery.

The impact of the equipment is harmless to human health, which is confirmed by the relevant certificate.

Statistics

The world produces about 3.4 billion tons of oil products per year.

In Europe, the consumption of diesel fuel, which in 2009 — 200.8 million Tons, and in 2017 more than 256 million tons. So, according to the annual report " Jahresbericht. MineralölZahlen"(Germany) — consumption of diesel in EU countries constituted:

2007. — 200.0 million tons,

2008 - 203.2 million tons

in 2009. — 200.8 million tons

in 2017. — 256 million tons.

Euro 5-6 / ppm 10 standard

As for consumption, the us is the leader, which consume at least 831 million tons per year in 2017. (or 19.9 percent of all oil consumption in the world), which produces about 400 million tons of light oil products.

The second place in this ranking is China about 300 mil. tons of products. Third place Europe-256 mil.ton per year.

The chemical treatment method used now costs in different countries from 20 to 40 dollars per ton of processing from Euro 4 to Euro 5-6, with other additional losses of about \$20 per ton.



Economy

Processing a minimum of **0.5 million** tons of diesel per month, 6 million tons per year gives an annual income of 120,000,000 euros.

Processing a minimum of 0.5 million tons of oil per month / 6 million tons per year gives an annual income of 60,000,000 euros.

The volume of investments in the project for Diesel is 25 million euros, for a period of 24 months (in stages)

IRR 535 %

PI – 12,37

NPV - \$ 136 492 561

Preliminary consultations showed that the value of the company's shares will be quoted in the range of \$3.2 - \$4 per share, with a starting value of \$ 0.012

This will allow to return the investment in full in 6-9 months after the start of production.

The real need of the Persian Gulf countries only in desulfurization of light oil products is not less than 100 000 000 tons per year. Oil not less than 500 000 000 tons per year.

With the withdrawal of the project DT on SPO / SPAC in 6-9 months, the income from the placement of 15% of shares on the OTC/USA exchange is not less than 204 000 000 euros in the first year, and not less than 324 000 000 euros from the second year.





The price of fuel at sale to the final consumer will not change.

The quality of fuel will be at least twice higher than the existing standards.

The sulfur content in the fuel is twice lower than The Euro-5 and Euro-6 standards.



Processing a minimum of 0.5 million tons of diesel per month, 6 million tons per year gives an annual income of 120,000,000 euros.

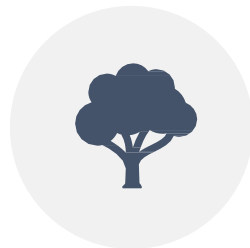
IRR 535 %

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With the conclusion of the project on the SPO/SPAC, the annual income of at least 324 000 000 euros.



Positive Social consequences of the implementation of this project.

Improvement of air quality, environment and many other positive factors



We propose to use the developed technology of electromagnetic treatment of diesel fuel, which will allow to use the technology in the world markets.

It is possible to use this technology to obtain other physical, chemical and environmental properties with almost zero sulfur content, not only diesel fuel, but also gasoline.

МИНОБРНАУКИ РОССИИ

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ИНН/КПП 7736093127/773601001

№ _____
на № _____ от _____

Акт испытаний

УК [REDACTED] предоставила два образца дизельного топлива для проверки содержания в них серы. Образцы дизельного топлива были приобретены на бензоколонке по адресу: Москва, просп. Андропова вл. 22/30а. Один образец прошел обработку в течение двух часов низкочастотным электромагнитным генератором по регламенту УК [REDACTED]

Анализ образцов дизельного топлива показал, что содержание серы в необработанном образце составляет 14ppm. по массе, а содержание серы в дизтопливе, подвергнутого обработке электромагнитным генератором составляет 7 ppm. по массе.

Анализ образцов проводился на энергодисперсионном спектрометре «ARL QUANT X».

Мы готовы организовать проведение дополнительных лабораторных испытаний на образцах различных производителей с различным составом серы для определения лучших результатов и определения всех параметров обработки нефтепродуктов по предлагаемому регламенту.

Заведующий кафедрой физической
и коллоидной химии, д.х.н., профессор

Винокуров В.А.

«26» декабря 2018г.

The test report conducted at the Russian State University of Oil and Gas (National Research Institute named after I.M. Gubkin)

Act of December 26, 2018

Two samples of diesel fuel purchased at the Lukoil gas station in Moscow were submitted for examination.

One of the samples was processed by a low-frequency electromagnetic generator according to the regulations of the developer's company within 2 hours.

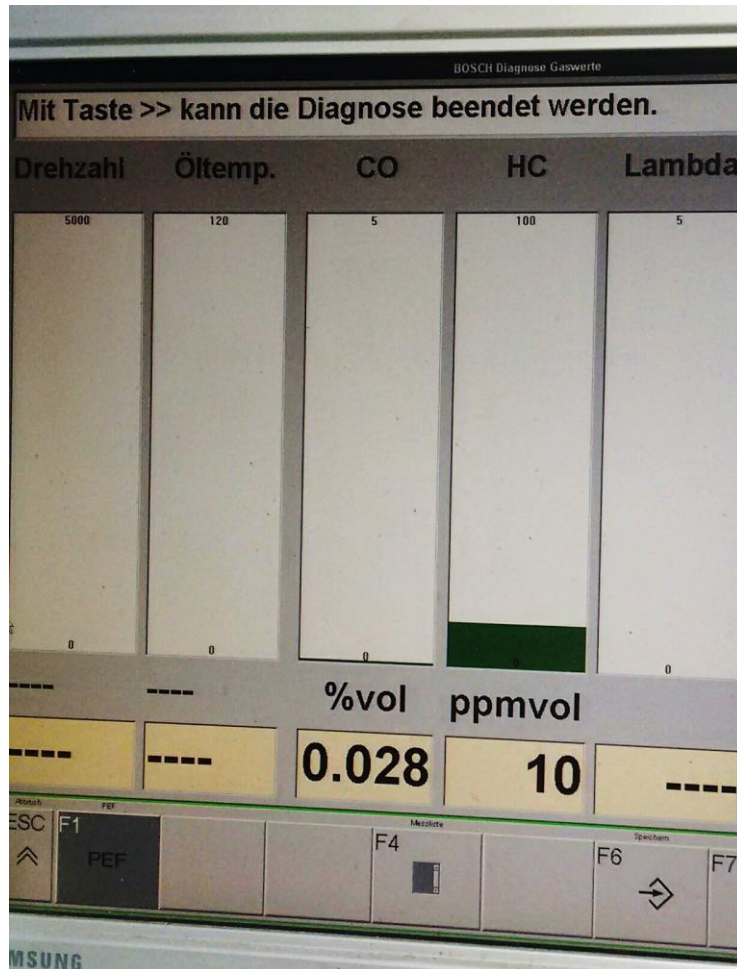
Analysis of diesel fuel samples showed that the sulfur content in the untreated sample is 14ppm. by mass, and the sulfur content in the sample of diesel fuel subjected to electromagnetic treatment is 7ppm. by mass.

Samples were analyzed on an energy dispersive spectrometer.

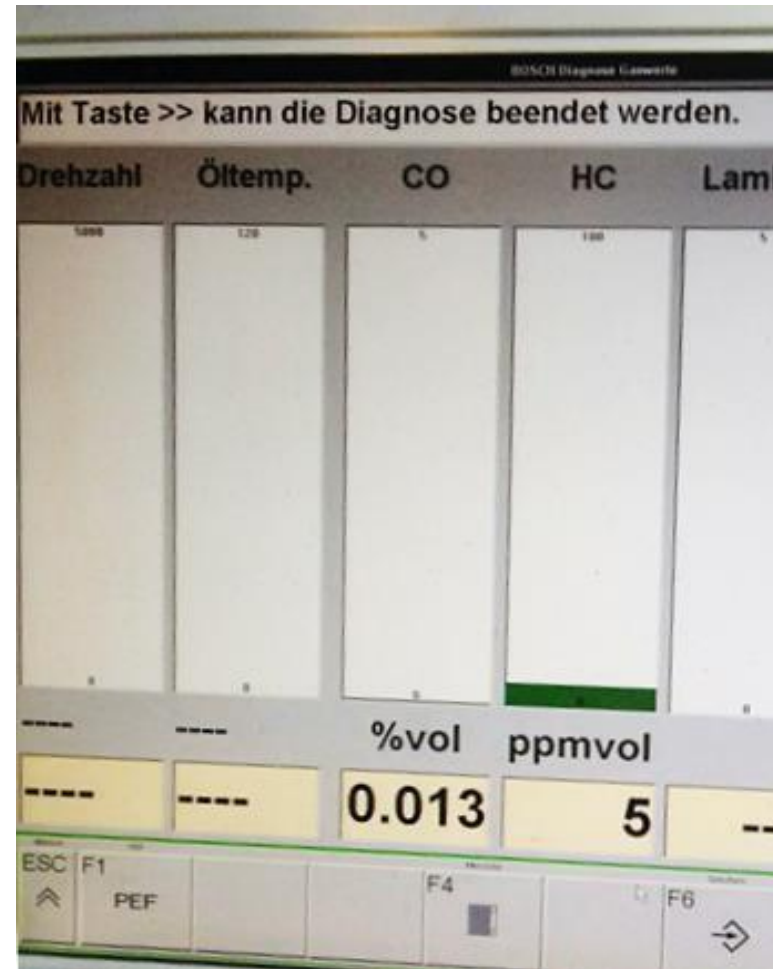
Assured this act:

Head of the Department of Physical and Colloids Chemistry
Doctor of Chemical Sciences. Professor Vinokurov V.A.
26/12/2018

Result of processing of diesel fuel in Germany. Stand / laboratory.



- EURO-5/ Before fuel treatment



- After 60 minutes fuel treatment.