

DEVELOPMENT AND STUDY OF THE DESIGNS OF SPRAYERS WITH INCREASED SPEED FOR INTERNAL COMBUSTION ENGINE (ICE)

©2009 V. N. Grishanov, V. A. Zvyagintsev, U. D. Lysenko

Samara State Aerospace University

In the article proposed constructive solutions of sprayers of different types for ICE, which are able to increase their speed, quality of the propellant atomization, control capability and also some other indices.

Internal combustion engine, sprayer, speed, control

Grishanov Vladimir Nikolaevich, candidate of technical science, the senior lecturer of department of automatic systems of power plants of Samara state aerospace university. Phone: 335-18-12. E-mail: vladgrishanov@yandex.ru. Area of research: teplomassoobmen, thermodynamics.

Zvyagintsev Victor Aleksandrovich, candidate of technical science, the senior lecturer of department of production of aircrafts and quality management is in an engineer of Samara state aerospace university. Phone: 335-18-12. E-mail: Bogdanovich@ssau.ru. Area of research: teplomassoobmen, thermodynamics.

Lysenko Yurii Dmitrievich, candidate of technical science, the senior lecturer of department of production of aircrafts and quality management is in an engineer of Samara state aerospace university. Phone: 335-18-12. E-mail: Teplotex_ssau@bk.ru. Area of research: teplomassoobmen, thermodynamics.