

RESEARCH OF LAWS OF INTERACTION OF COMPONENTS IN A LIQUID PHASE SELF-IGNITING LIQUID ROCKET FUEL

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Samara State Aerospace University

Experimental results of processes of interaction of components in a liquid phase of self-igniting liquid rocket fuel are presented. The data on sizes of time of an induction of reactions in a liquid phase and to temperatures of liquid and gas intermediate products is obtained. Sizes of completeness of transformation and degree of gasification of fuel at the given stage of transformation of fuel and influence on them of completeness of mixture of components in a liquid phase and time of stay of intermediate products are defined.

Interaction of components in the liquid phase, self-igniting components of fuel, efficiency of mixture in a liquid phase, time of an induction of reactions in a liquid phase, liquid and gas intermediate products

Nigodjuk Valentine Evgenevich, Candidate of Technical Science, the senior lecturer of The theory of engines of flying machines department of Samara state aerospace university. Phone: (846) 335-59-21. E-mail: engin@ssau.ru. Area of research: working process in engines.

Sulinov Alexander Vasilevich, Candidate of Technical Science, the senior scientific employee of Scientifically-issledovatelky the centre of space power of Samara state aerospace university. Phone: (846) 335-59-21. E-mail - engin@ssau.ru. Area of research: working process in engines.

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