

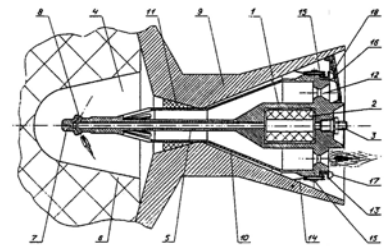
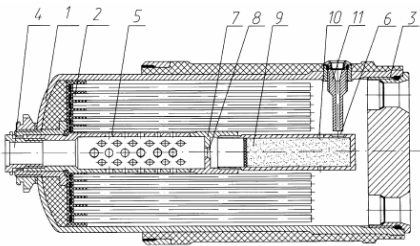
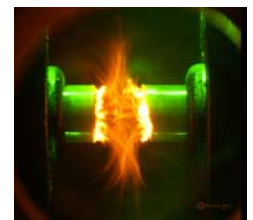
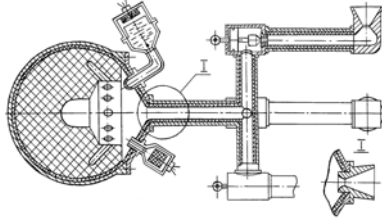
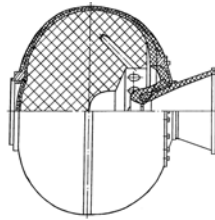


# Encyclopedia on Combustion Instability and Anomalies in Solid Propulsion Physics



## Writing Project (Solid and Electronic Versions)

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## Motivations and Objectives

The evolutionary history of solid propulsion physics reflects to some extent the history of the investigation of unstable combustion and methods for its prevention and restriction.

The problem of combustion instability and anomalies of burning of the energetic materials traditionally remains one of actual problems in the modern theory of combustion.

The aim of preparation of the Encyclopedia is to provide objective analysis of the state-of-the-art of research in the field of combustion instability and anomalies connected with solid propulsion physics as well as to determine the most perspective directions of researches in this field and to plan further prospects of researches in the solid propulsion physics.

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## ***Tentative List of Topics***

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	Abnormal Ignition and Combustion of the End-Burning Solid Propellant Charges
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	Anomalous Combustion Processes at the Russian Large-Sized Solid Propulsion Systems Utilization
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	Combustion Instability and Propellant Nature
	Combustion Instability and Torch Structures on the Energetic Materials Burning Surface
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