

SPACE PROPULSION SYMPOSIUM (C4)
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Author: Mr. Oleg Aleksandrov
AVIASTAR Inc www.aviastar.us, United States

GAS-PHASE NUCLEAR ROCKET ENGINES AND PROPULSIVE MASS FOR THEM.

Abstract

Gas-phase nuclear rocket engines and propulsive mass for them.

In this report schemes and methods of creation of gas-phase rocket engines by which propulsive mass for exhaust will be offered usual soil of celestial bodies is. Regolith, sand, stones, ice and so forth. This type of engines won't be replaceable at active development of distant planets and asteroids of solar system both in automatic and in piloted the modes. The author pays much attention to absolute safety of an exit of such engines in space and their operation.