

METHOD OF DESIGN CALCULATION OF CENTRIFUGAL EMULSIVE DUPLEX FUEL NOZZLE

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Design calculation method of duplex centrifugal emulsion spray burner for arbitrary construction scheme is created. Expression for lumped geometric characteristic of emulsion spray burner which takes into consideration influence of viscous emulsion is received. It allows calculate all required parameters of designing emulsion spray burner with required in practice precision.

Fuel nozzle, emulsive duplex fuel nozzle, liquid-fuel rocket Engine, mixture formation, fuel, propellant, oxidizer, method

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