

Title (en)

ROCKET ENGINE WITH DAMPING OF VIBRATION OF THE COMBUSTION CHAMBER BY RESONATORS

Title (de)

RAKETENTRIEBWERK MIT DÄMPFUNG VON SCHWINGUNGEN DER BRENNKAMMER DURCH RESONATOREN

Title (fr)

MOTEUR DE FUSÉE AVEC AMORTISSEMENT DE VIBRATIONS DE LA CHAMBRE DE COMBUSTION AU MOYEN DE RESONATEURS

Publication

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Application

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Abstract (en)

[origin: WO2005100858A1] The invention relates to a device for damping the vibration of a combustion chamber (1), at least one resonator (5, 5a, 5b) being connected to the combustion chamber (1) in a vibration-damping manner. The resonator (5, 5a, 5b) is connected to a pre-combustion chamber (7, 17) in a vibration-damping manner, and the pre-combustion chamber (7) is connected to the combustion chamber (1) in a vibration-damping manner by means of a channel (8, 18).

IPC 8 full level

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