

Title (en)

APPARATUS FOR MODIFYING THE TRAJECTORY OF A PROJECTILE BY MEANS OF PYROTECHNICAL PULSE PRODUCERS

Publication

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Application

EP 89401562 A 19890606

Priority

FR 8807768 A 19880610

Abstract (en)

[origin: US5044156A] The invention concerns a device designed to modify the trajectory of a projectile by pyrotechnical thrusters, formed by several solid propellant thrusters arranged transversally on a cylindrical support. The combustion chambers, instead of having a cylindrical shape, are parallelepiped shaped. They contain propellant loads which are gone through by a rod connecting a streamlined to the support. The streamlined and the support are cut up to realize nozzles which allow the ejection of gas, the gas coming from the combustion of the propellant load. Thus for a given thickness (e) of the support, a greater loading volume is obtained than that which would be obtained with standard, cylinder-shaped thrusters.

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