

Abstract**FUZE COMPRISING A SELF-DESTRUCTION DEVICE FOR A GYRATORY PROJECTILE**

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The invention relates to a fuze (4) for a gyratory projectile, including a striker holder (14) movable about a rocker axis (15) perpendicular to the axis of symmetry (A) of the fuze, a primer holder (60) rotatable about an axis of rotation parallel to the axis of symmetry, and a self-destruction device (7). The latter includes an SD mechanism (20) using the linear acceleration of the projectile upon the departure of the shot to store axial kinetic energy, and a safety mechanism (30) using the centrifugal effects of the projectile during the flight to store radial kinetic energy. The two mechanisms (20, 30) cooperate with each other, and with the striker holder and the primer holder to generate the different storage positions before firing, intermediate upon the departure of the shot, cocked during the flight and of self-destruction at the end of the flight, guaranteeing maximum safety of the projectile in the storage position and maximum responsiveness of the projectile regardless of the scenario encountered during ballistic firing.

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<Fig. 2>