

Title (en)

Device for pitching projectiles during flight.

Title (de)

Einrichtung zum Abkippen von Geschossen während des Fluges.

Title (fr)

Dispositif de basculement de projectile sur trajectoire.

Publication

EP 0229541 A1 19870722 (FR)

Application

EP 86402541 A 19861117

Priority

FR 8517647 A 19851129

Abstract (en)

1. A device intended to generate an impulse in a non-spinning or slowly-spinning shaped-charge projectile tilting along its trajectory in order to attack a target from above, of the type including a plurality of impellers, each of them comprising an explosive plate (11) located between a thrust plate (12) and an inertial plate (10) and operating independently under the control of its own target detector (4), these impellers being arranged so as to create a torque, characterized in that the impellers include a damping block (13) located in front of the thrust plate and in that the impellers constitute two crowns respectively situated in the forepart and in the rear of the projectile, the impellers of the rear crown being located in the same meridian planes as those of the fore crown, each impeller of a crown having an associated impeller in the other crown, situated in the same meridian plane and opposite with regard to the longitudinal axis, these two impellers operating simultaneously so as to create a tilting torque.

Abstract (fr)

Le secteur technique de l'invention est celui des munitions munies d'une charge formée, basculant sur trajectoire pour agresser une cible par le dessus. Le dispositif selon l'invention est un dispositif de basculement de projectile sur trajectoire comprenant une plaque de poussée 12, une plaque explosive 11 et plaque d'inertie 10. Selon une caractéristique particulière un bloc amortisseur 13 solidaire de la structure est disposé en regard de la plaque de poussée 12; Application au domaine de l'armement.

IPC 1-7

F42B 13/10; F03H 5/00

IPC 8 full level

F42B 12/10 (2006.01)

CPC (source: EP)

F42B 10/661 (2013.01); **F42B 12/10** (2013.01)

Citation (search report)

- [AD] FR 2552871 A1 19850405 - FRANCE ETAT ARMEMENT [FR]
- [A] GB 2002885 A 19790228 - REALISATIONS APPLIC TECH SOC E
- [A] US 3114962 A 19631224 - BROWN CLARENCE K

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