

Title (en)

SEPARATION DEVICE FOR THE AERODYNAMIC BRAKING OF A BODY

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Application

EP 89905121 A 19890411

Priority

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Abstract (en)

[origin: WO8909919A1] The invention relates to an aerodynamic device of a body (1) particularly applicable to the rear part of a projectile allowing for the taking away of said rear part with respect to useful charges (3) contained inside the projectile. This economical device, of reduced volume, produces its effects on a body (1) provided with a certain rotational speed. The fixing of blades (4) to the body is made in different ways so as not to be cumbersome and allow the blades (4), by means of a stop system (7, 8), to be fully operative. After unlocking of the system which maintains the blades along the body, the blades are subjected to the centrifugal force as well as to the effects of the speed of the body (1), and when extended, the blades increase the aerodynamic drag of the body, thereby acting as a brake. Application to all bodies, particularly projectiles, for example self-propulsed vectors having a rotational motion.

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