

Title (en)

GYROSCOPIC STABILISING DEVICE FOR A PROJECTILE STEERING ELEMENT

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EP 0316216 B1 19920415 (FR)

Application

EP 88402754 A 19881103

Priority

FR 8715419 A 19871106

Abstract (en)

[origin: EP0316216A1] The object of the invention is to provide a device making it possible to curve the end of trajectory of a missile into the desired plane without the need for costly and complex servo-mechanisms. <??>According to the invention, a cardan mounting is formed by a portion (2) of the projectile and an inner frame (7), a gyroscope being mounted in the inner frame (7). The portion (2) carries the operating member (20). <??>The device thus makes it possible to keep the operating member (20) in a stable rolling position over the entire length of the trajectory. It is therefore possible to curve the latter in a specific direction, in order, for example, to attack targets from above with high accuracy. The device is suitable for infantry rockets, aeronautical missiles and, in general terms, flat-trajectory projectiles. <IMAGE>

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IPC 8 full level

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