

Title (en)

Spin-stabilized carrier missile equipped with a rotating band.

Title (de)

Mit einem Führungsband versehenes drallstabilisiertes Trägergeschoss.

Title (fr)

Projectile porteur à stabilisation par rotation équipé d'une ceinture de rotation.

Publication

EP 0314870 A2 19890510 (DE)

Application

EP 88109510 A 19880615

Priority

DE 3734033 A 19871008

Abstract (en)

[origin: US4884508A] The present invention relates to a spin-stabilized carrier projectile having a projectile base which is connected with a projectile body for carrying sub-ammunition projectiles, and a driving band arrangement connected respectively about the projectile base and about the projectile body for engaging the rifling of the gun barrel to impart spin respectively to the projectile base and the projectile body. The driving band arrangement includes a first partial driving band connected coaxially about the projectile base and a second partial driving band connected coaxially about the projectile body. This driving band arrangement reduces the spin forces transferred by the joint between the projectile base and the projectile body, thereby reducing the required joint strength. This in turn reduces the required ejection charge used to separate the projectile body and projectile base for release of sub-ammunition bodies contained in the carrier projectile.

Abstract (de)

Die Erfindung betrifft ein mit einem Führungsband versehenes drallstabilisiertes Trägergeschosß, bei dem der Geschosßboden mit einer Geschosßhülle verbunden ist. Um eine Drallübertragung zwischen Geschosßboden (11) und der Geschosßhülle (12) und die damit verbundene Materialbeanspruchung zu vermeiden, wird vorgeschlagen, daß das Führungsband (140, 141) derart angeordnet ist, daß es sowohl mit der Geschosßhülle (12) als auch mit dem Geschosßboden (11) verbunden ist.

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