

Title (en)

Training projectile for target shooting without explosives with ordonance.

Title (de)

Übungsgeschoss für das Zielschiessen ohne Sprengstoff mit grosskalibrigen Waffen.

Title (fr)

Projectile d'exercice pour le tir au cible sans explosif avec armes de gros calibre.

Publication

**EP 0422477 A1 19910417 (DE)**

Application

**EP 90118836 A 19901002**

Priority

DE 3933534 A 19891007

Abstract (en)

[origin: US5027710A] A practice projectile without an explosive for firing against a practice target with large-calibered weapons, wherein the projectile incorporates a projectile body which is in the configuration of a cylinder and which possesses a conical nose cone. The projectile includes a nose cone which is constructed in the shape of a truncated cone having a flat leading end surface with a diameter of about 0.08 to 0.1 that of the projectile caliber, wherein the nose cone forms a sharp contact edge with the cylinder of the projectile; a ratio in the length of the nose cone to that of the cylinder of approximately 1:1+/-5%; a location of the center of gravity of 3 to 3.5 times the projectile caliber, measured commencing from the leading end surface; and a ratio of 4.0 to 7.0 for the moments of inertia between the transverse and longitudinal moments.

Abstract (de)

Zur Simulation eines großkalibrigen Hohlladungsgeschosses nach dem Spike-Typ wird ein, über ein Einsteckrohrsystem zu verschießendes, wesentlich kaliberkleineres Geschoß (1) vorgeschlagen, das aufgrund seiner Außenform, wie Stirnfläche (21), ogivenseitiger Kegelstumpf (19) und Zylinder (5) ein dem Spike-Geschoßtyp entsprechende Flugbahn und Trefferbild aufweist.

IPC 1-7

**F42B 8/12**

IPC 8 full level

**F42B 8/12** (2006.01)

CPC (source: EP US)

**F42B 8/12** (2013.01 - EP US)

Citation (search report)

- [A] DE 3205612 A1 19830908 - MAUSER WERKE OBERNDORF [DE]
- [A] DE 3201629 A1 19820902 - BOFORS AB [SE]
- [A] DE 2639884 A1 19780309 - DYNAMIT NOBEL AG
- [A] FR 2374614 A1 19780713 - FRANCE ETAT [FR]
- [A] GB 1442072 A 19760707 - HAUT RHIN MANUFACTURE MACHINES

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0422477 A1 19910417; EP 0422477 B1 19940608**; DE 3933534 A1 19910418; DE 3933534 C2 19950119; DE 59006020 D1 19940714; US 5027710 A 19910702

DOCDB simple family (application)

**EP 90118836 A 19901002**; DE 3933534 A 19891007; DE 59006020 T 19901002; US 58818790 A 19900926