

Title (en)

Method for increasing the impact sensitivity of a projectile fitted with an impact fuse.

Title (de)

Verfahren zum Erhöhen der Empfindlichkeit eines mit einem auf Aufschlagzünder ausgerüsteten Projektils.

Title (fr)

Procédé permettant d'augmenter la sensibilité à l'impact d'un projectile portant une fusée percutante.

Publication

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Application

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Priority

FR 8707111 A 19870521

Abstract (en)

The technical sector of the invention is that of medium-calibre ammunition comprising a percussion fuse (3) especially with a base, and a ballistic nose (6). The method according to the invention involves incorporating in the projectile means making it possible, after an impact on a target, to obtain a deformation of the nose (6) such as to slow the penetration of the projectile into the target, thereby making it possible to increase the driving force of the movable percussion mass of the fuse and to enhance the specific sensitivity of the ammunition. The invention is used in medium-calibre explosive ammunition. <IMAGE>

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F42B 13/02

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] DE 3422786 A1 19860102 - DIEHL GMBH & CO [DE]
- [A] GB 2125524 A 19840307 - OREGON ETS PATENTVERWERTUNG
- [A] US 4242964 A 19810106 - WARREN JOHN B, et al
- [A] FR 2382671 A1 19780929 - SAAB SCANIA AB [SE]
- [A] FR 598366 A 19251215
- [A] FR 619118 A 19270326 - SCHWOB FRERES & CIE SA

Cited by

IT202100031604A1; AT513086A5; AT513086B1; WO2012003924A1; WO2022058762A1

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