

Title (en)

Expanding bullet

Title (de)

Expansionsgeschoss

Title (fr)

Balle expansive

Publication

**EP 0918208 A1 19990526 (FR)**

Application

**EP 98120294 A 19981027**

Priority

FR 9714550 A 19971120

Abstract (en)

The bullet (1), made from copper or copper alloy and designed so that its tip expands on hitting a target, has a blind axial hole (3) in its tip containing an aluminum alloy insert (4) and an annular groove (6) in its outer surface to facilitate expansion of the tip. The groove is toroid in shape with a chamfered rear edge (8), and its depth is equivalent to about half the thickness of the bullet shell at the base of the axial hole. The insert has a conical rear surface (4b) which interacts with a surface (5) of matching shape inside the axial hole. Variants can use bronze or composition material for the body of the bullet and plastic for the insert.

Abstract (fr)

L'invention a pour objet une balle expansive (1) comprenant un corps de balle (2) présentant un trou axial (3) borgne débouchant au niveau d'une partie avant de la balle et obturé par un insert (4). Cette balle est caractérisée en ce qu'elle comporte au moins une gorge périphérique annulaire (6) aménagée sur la surface externe du corps de balle (2), gorge disposée axialement au niveau d'une partie avant tubulaire (2b) du corps de balle et ayant une profondeur suffisante pour faciliter l'expansion de la balle à l'impact sur une cible. <IMAGE>

IPC 1-7

**F42B 12/34**

IPC 8 full level

**F42B 12/34** (2006.01)

CPC (source: EP)

**F42B 12/34** (2013.01)

Citation (applicant)

DE 2843167 A1 19800417 - SCHIRNECKER HANS LUDWIG

Citation (search report)

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