

Title (en)  
PARTIAL FRAGMENTATION AND DEFORMATION BULLETS HAVING AN IDENTICAL POINT OF IMPACT AND PROCES FOR THE MANUFACTURE OF SUCH A BULLET

Title (de)  
TEILZERLEGUNGS- UND DEFORMATIONSGESCHOSSE MIT IDENTISCHER TREFFPUNKTLAGE UND VERFAHREN ZUR HERSTELLUNG EINES SOLCHEN GESCHOSSES

Title (fr)  
PROJECTILE A DECOMPOSITION PARTIELLE ET A DEFORMATION A POINT D'IMPACT IDENTIQUE ET PROCEDE DE MANUFACTURE D'UN TEL PROJECTILE

Publication  
**EP 1502074 B1 20091118 (DE)**

Application  
**EP 03727399 A 20030430**

Priority

- DE 10219480 A 20020430
- DE 10317404 A 20030415
- EP 0304503 W 20030430

Abstract (en)  
[origin: WO03093758A1] Especially in hunting, the choice of bullets has to be such that it is in keeping with the wild animals to be hunted. According to the desired effect on the target, deformation bullets or partial fragmentation bullets are used. Since both types of bullets are different, the position of the point of impact from the same weapon is different. According to the type of bullet used, the weapon must be oriented differently in relation to the target. This can be obstructive and if insufficient attention is paid, can result in misses. According to the invention, a shell-less cored steel bullet is used as a deformation bullet (1) or partial fragmentation bullet (2), having an identical caliber and a closed cavity (4) in the tip (3) of said bullet. In order to achieve the same point of impact of said bullets (1,2) on the target, while maintaining the effect of the respectively selected bullet during the same handling of the weapon, during the same setting of the target in an identical position, the external volume, centre of gravity, mass and base copper-tin alloy are identical and the cavity (E) in the tip (3) of the bullet, consisting of a combination of cylindrical and conical sections (10, 12, 13; 20), in addition to the composition of the bullet material, are adapted to the effect of said bullet.

IPC 8 full level  
**F42B 12/34** (2006.01)

CPC (source: EP US)  
**F42B 12/34** (2013.01 - EP US)

Cited by  
WO2013020975A1; DE102012015475A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 03093758 A1 20031113**; AU 2003233202 A1 20031117; AU 2003233202 B2 20090423; CA 2485067 A1 20031113; CA 2485067 C 20100824; EP 1502074 A1 20050202; EP 1502074 B1 20091118; RU 2004135073 A 20050610; US 2005241523 A1 20051103; US 7299750 B2 20071127

DOCDB simple family (application)  
**EP 0304503 W 20030430**; AU 2003233202 A 20030430; CA 2485067 A 20030430; EP 03727399 A 20030430; RU 2004135073 A 20030430; US 51296805 A 20050701