Title (en)

PARTIAL FRAGMENTATION PROJECTILE WITH A PENETRATOR IN THE TAIL OF THE PROJECTILE

Title (de)

TEILZERLEGUNGSGESCHOSS IM PENETRATOR ALS GESCHOSSHECK

Title (fr)

PROJECTILE A DESTRUCTION PARTIELLE AVEC PENETRATEUR EN TANT QUE CULOT

Publication

EP 1214560 B2 20170913 (DE)

Application

EP 00960558 A 20000831

Priority

- DE 19943290 A 19990910
- EP 0008475 W 20000831

Abstract (en)

[origin: WO0120245A1] The effect of a projectile (1), especially for the purpose of hunting, in the target body essentially depends upon the mass, the material characteristics and the construction thereof. Known partial fragmentation projectiles contain two cores (3, 4) as jacket projectiles. The nose core which faces the top of the projectile consists of a softer lead alloy and the tail core being the projector which is situated in the tail consists of a harder lead alloy. Lead and the alloys thereof are considered as being non-environmentally friendly. The toxic characteristics of the splinters remaining in the body of the animal and of the remaining components pertaining to the projectiles are a burden, whereby said remaining components are ejected into the environment. According to the invention, all the components (2, 3, 4, 22, 23) of the projectile (1) consist of lead-free materials. Moreover, the penetrator (4) is provided with deformation and fragmentation means (14, 29, 31, 33) which are embodied in a conical, crowned or bell-shaped manner and influence the mushrooming and fragmentation of the nose core (3).

IPC 8 full level

F42B 12/34 (2006.01)

CPC (source: EP)

F42B 12/34 (2013.01)

Citation (opposition)

Opponent :

- DE 2535704 C2 19880211
- DE 3832341 A1 19900412 - SCHIRNECKER HANS LUDWIG [DE]
- DE 2626219 C2 19890622
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Cited by

DE102009011093A1; DE202014103662U1; EP2226606A2; DE202010018208U1

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DOCDB simple family (publication)

WO 0120245 A1 20010322; AT E357644 T1 20070415; AU 7281800 A 20010417; DE 10042719 A1 20010322; DE 50014188 D1 20070503; EP 1214560 A1 20020619; EP 1214560 B1 20070321; EP 1214560 B2 20170913; ES 2284525 T3 20071116; PT 1214560 E 20070627

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