

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 B1 20070321 (DE)**

Application

**EP 00960558 A 20000831**

Priority

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- 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)

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Cited by

DE102009011093A1; DE202014103662U1; EP2226606A2; DE202010018208U1

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