

Title (en)  
PARTIAL DECOMPOSITION PROJECTILE WITH A DOUBLE CORE

Title (de)  
TEILZERLEGUNGSGESCHOSS MIT DOPPELKERN

Title (fr)  
PROJECTILE A DESAGREGATION PARTIELLE A DOUBLE NOYAU

Publication  
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Application  
**EP 04741339 A 20040730**

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Abstract (en)  
[origin: WO2005017443A1] The decomposition of a projectile in a target body, particularly a hunting projectile in wild animals after penetration therein, determines the energy output of the projectile and thereby the effect of the shot. For projectiles with double cores, the properties of the ingredients used in the cores decisively affect the decomposition and particularly the deformation behaviour of the cores. According to the invention, a partial decomposition projectile comprising two cores is provided with one solid core (3) made of a material suited to said projectile and the other core (4;22) is divided up into two areas (4a,4b;22a;22b), whereby one area (4a;22a) is made of ball-shaped elements made of a metal material granulate (5;23) and the second area (4b;22b) is made of a metal or ceramic powder and the ball-shaped elements or granulates (5;23) are pressed to become free of shrink holes, in order to improve decomposition behaviour control.

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