Title (en)

PARTIAL DECOMPOSITION PROJECTILE WITH A DOUBLE CORE

Title (de)

TEILZERLEGUNGSGESCHOSS MIT DOPPELKERN

Title (fr)

PROJECTILE A DESAGREGATION PARTIELLE A DOUBLE NOYAU

Publication

EP 1656534 A1 20060517 (DE)

Application

EP 04741339 A 20040730

Priority

- EP 2004008588 W 20040730
- DE 10335710 A 20030805
- DE 102004035371 A 20040721

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.

IPC 1-7

F42B 12/56; F42B 12/74; F42B 12/34

IPC 8 full level

F42B 12/34 (2006.01); **F42B 12/56** (2006.01); **F42B 12/74** (2006.01)

CPC (source: EP)

F42B 12/34 (2013.01); **F42B 12/56** (2013.01); **F42B 12/74** (2013.01)

Citation (search report)

See references of WO 2005017443A1

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005017443 A1 20050224; EP 1656534 A1 20060517; EP 1656534 B1 20120425; NO 20060639 L 20060209; NO 332987 B1 20130211; PL 1656534 T3 20121231; RU 2006106616 A 20060727; RU 2356002 C2 20090520

DOCDB simple family (application)

EP 2004008588 W 20040730; EP 04741339 A 20040730; NO 20060639 A 20060209; PL 04741339 T 20040730; RU 2006106616 A 20040730