

Title (en)

REDUCED-CONTAMINANT DEFORMABLE BULLET, PREFERABLY FOR SMALL ARMS

Title (de)

SCHADSTOFFREDUZIERTES DEFORMATIONSGESCHOSS, VORZUGSWEISE FÜR FAUSTFEUERWAFFEN

Title (fr)

BALLE DEFORMABLE PAUVRE EN SUBSTANCES NOCIVES, DE PREFERENCE POUR DES ARMES DE POING

Publication

EP 1264155 B1 20041103 (DE)

Application

EP 01905802 A 20010220

Priority

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- EP 0101868 W 20010220

Abstract (en)

[origin: US2004025737A1] Currently, 9 mmx19 mm calibre cartridges in the form of full-jacketed round-head bullets are used for small arms, especially for arms used by police. For safety reasons, efforts are being made to replace these bullets with a type of bullet that is prevented from passing straight through the target medium. Known deformable bullets from the prior art vary considerably in terms of the energy that they release in the target medium of density (1), especially in the human body. The invention therefore provides that the bullet (1) consists of a jacketless bullet body (2), that a cavity (5) extends centrally in relation to the longitudinal axis (15) of the bullet (1) in the tapered front part (6) of the bullet body (2), said cavity consisting of a cylindrical part (16) and at least one conical part (19) adjoining said cylindrical part; that a pusher (3) which forces the projectile open forms the bullet tip and that said pusher consists of a head (7) which seals the opening (4) of the cavity (5) and a shaft (8) which extends into the cavity (5).

IPC 1-7

F42B 12/34

IPC 8 full level

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CPC (source: EP US)

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US 2004025737 A1 20040212; US 6971315 B2 20051206; AT E281642 T1 20041115; AU 3378601 A 20010917; AU 779133 B2 20050106; BR 0109123 A 20021126; BR 0109123 B1 20100615; CN 100342204 C 20071010; CN 1452712 A 20031029; CZ 20023019 A3 20030618; CZ 304538 B6 20140625; DE 10010500 A1 20010913; DE 50104393 D1 20041209; DK 1264155 T3 20050214; EP 1264155 A1 20021211; EP 1264155 B1 20041103; ES 2227128 T3 20050401; HU 224568 B1 20051028; HU P0301007 A2 20030828; IL 151587 A0 20030410; IL 151587 A 20070211; JP 2003526073 A 20030902; JP 4686096 B2 20110518; MX PA02008678 A 20050620; PL 196016 B1 20071130; PL 360199 A1 20040906; PT 1264155 E 20050228; TR 200202140 T2 20030221; WO 0167030 A1 20010913; ZA 200207998 B 20031006

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