

Title (en)

BULLET STOP FACILITY STRUCTURE FOR FIRING RANGES AND ECOLOGICAL METHOD FOR STOPPING BULLETS

Title (de)

KUGELFANGEINRICHTUNGSSTRUKTUR FÜR SCHIESSSTÄNDE UND ÖKOLOGISCHES VERFAHREN ZUM FANGEN VON KUGELN

Title (fr)

STRUCTURE D'INSTALLATION D'ARRÊT DE BALLES POUR CHAMPS DE TIR ET PROCÉDÉ ÉCOLOGIQUE D'ARRÊT DE BALLES

Publication

EP 2350557 A1 20110803 (EN)

Application

EP 09764477 A 20091104

Priority

- EP 2009064574 W 20091104
- IT PS20080024 A 20081107

Abstract (en)

[origin: WO2010052227A1] Bullet stop facility structure for firing ranges, comprising at least one pair of overlapped first impact sheets (5 6) angled on the horizontal plane with respect to the upper sheet (5) by a maximum of 10° and with respect to the lower sheet (6) by a maximum of 2°, forming a channel (4) for conveying the bullets into a pair of deceleration half-volutes (8, 9) separated by an interruption (11), said half-volutes being configured segmented into a plurality of consecutive adjacent sheets (10) overlapped with respect to each other with mutual inclination between contiguous elements not exceeding 15°, whereby those subsequent (10A) to the first three (10C, 10D, 10E) downstream of said conveying channel (4) and those subsequent (10B) to the first (10F) downstream of said interruption having a maximum width of 10 centimetres, said half-volutes (8, 9) also being mutually separated by said interruption (11) arranged at the lower part to accommodate the inert bullet which drops into the collection device (13) due to gravity, to implement an ecological method for stopping bullets preferably comprising only one bouncing revolution of the bullet in the deceleration volutes (8, 9) without constant frictions, overheating and sublimation of lead.

IPC 8 full level

F41J 13/00 (2009.01)

CPC (source: EP)

F41J 13/00 (2013.01)

Citation (search report)

See references of WO 2010052227A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010052227 A1 20100514; EP 2350557 A1 20110803; IT 1395872 B1 20121026; IT PS20080024 A1 20100508

DOCDB simple family (application)

EP 2009064574 W 20091104; EP 09764477 A 20091104; IT PS20080024 A 20081107