Title (en)
Shooting target system for automatic determination of point of impact

Title (de)
Schießzielsystem zur automatischen Bestimmung der Aufprallstelle

Title (fr)
Système pour cible avec détermination automatique du point d'impact

Publication
EP 2040025 A1 20090325 (EN)

Application
EP 07116964 A 20070921

Priority
EP 07116964 A 20070921

Abstract (en)
The object of the invention is to provide a cheap and compact shooting target system which is able to automatically retrieve information relating to the point of impact of a projectile in a target. The object is achieved by a shooting target system comprising: - a target (11; 21; 31) composed by a material in which shock waves arise and propagate when hit by a projectile; - a first shock sensor (10a; 20a; 30a) arranged to detect said shock waves; - at least a second shock sensor (10b-c; 20b-f; 30b-d) arranged at a distance from said first shock sensor, and - calculation means (12; 22; 32) for determining at least a first time-delay between the detections of the shock wave by the first and the at least second sensor, and for calculating information relating to the point of impact of the projectile in the target based on said at least first time-delay.

IPC 8 full level
F41J 5/056 (2006.01); **F41J 5/06** (2006.01)

CPC (source: EP US)
F41J 5/056 (2013.01 - EP US); **F41J 5/06** (2013.01 - EP US)

Citation (applicant)
- US 5920522 A 19990706 - LEVANON NADAV [IL]
- EP 1058083 A1 20001206 - WALTI HANS RUDOLF [CH]

Citation (search report)
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 2040025 A1 20090325; US 2009102129 A1 20090423

DOCDB simple family (application)
EP 07116964 A 20070921; US 23508108 A 20080922