

Title (en)
Device for identifying a marksman

Title (de)
Vorrichtung zur Identifikation von Schützen

Title (fr)
Dispositif pour identifier un tireur

Publication
EP 1122508 A3 20031105 (DE)

Application
EP 00125455 A 20001121

Priority
DE 20001720 U 20000201

Abstract (en)
[origin: EP1122508A2] A shot identification system for a multi position shooting range links the shot data with target shot data i.e. it detects if the correct target is hit, or if a shot strays onto an adjacent target. Each shooting position is fitted with an IR detector to register the release of a shot by detecting the emission of muzzle gasses. By taking into account the flight time of the projectile the actual impacts on the targets can be linked to the firing positions using simple discriminating circuits.

IPC 1-7
F41J 1/18

IPC 8 full level
F41J 11/00 (2009.01)

CPC (source: EP)
F41J 11/00 (2013.01)

Citation (search report)

- [X] US 3699341 A 19721017 - QUILLINAN JOHN H, et al
- [X] US 5686889 A 19971111 - HILLIS DAVID B [US]
- [X] US 4030097 A 19770614 - GEDEON ANTHONY A
- [A] DE 29819394 U1 19991202 - BUECHELER GERD [DE], et al
- [A] US 5577733 A 19961126 - DOWNING DENNIS L [US]

Cited by
US11637972B2; US12075185B2; US11436823B1; US11448483B1; US11810342B2; US11994365B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
DE 20001720 U1 20000330; DE 50011330 D1 20051117; EP 1122508 A2 20010808; EP 1122508 A3 20031105; EP 1122508 B1 20051012

DOCDB simple family (application)
DE 20001720 U 20000201; DE 50011330 T 20001121; EP 00125455 A 20001121