

Title (en)  
Shooting range simulator system and method

Title (de)  
System und Verfahren für Schiessanlagesimulator

Title (fr)  
Système et méthode pour simulateur de stand de tir

Publication  
**EP 1790938 A3 20080423 (EN)**

Application  
**EP 06121694 A 20061003**

Priority  
IL 17126305 A 20051003

Abstract (en)  
[origin: US2007077539A1] Embodiments of the present invention provide a shooting range simulator system and method able to monitor the aiming history of a shooter. The method may include determining an aimed-at position of one or more aiming devices on a target screen by selectively illuminating positions on the screen according to a predefined scheme; detecting scattered light from the illuminated position from one or more viewing angles; and deriving coordinates of the aimed-at position based on the timing of the detection relative to the scanning scheme. The system may include a scanner to selectively illuminate screen elements and a processing center to determine an aimed-at position on the screen. Additional features are described and claimed.

IPC 8 full level  
**F41G 3/26** (2006.01)

CPC (source: EP US)  
**F41G 3/2661** (2013.01 - EP US)

Citation (search report)

- [XA] WO 0206758 A1 20020124 - PARK WON WOO [KR]
- [XA] US 5194008 A 19930316 - MOHAN WILLIAM L [US], et al
- [XA] US 6527640 B1 20030304 - TEZUKA MORIHISA [JP], et al
- [XA] US 6328650 B1 20011211 - FUKAWA TAKASHI [JP], et al
- [XA] US 2002137567 A1 20020926 - CHENG CHIU HAO [TW]
- [XA] US 4619616 A 19861028 - CLARKE JOHN J [GB]
- [XA] US 4395045 A 19830726 - BAER RALPH H
- [XA] US 4583950 A 19860422 - SCHROEDER JAMES E [US]
- [XA] US 5351969 A 19941004 - SMITH III JAY [US], et al

Cited by  
US9116348B1; US9346427B2; WO2010121988A3

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**US 2007077539 A1 20070405**; EP 1790938 A2 20070530; EP 1790938 A3 20080423

DOCDB simple family (application)  
**US 54178606 A 20061003**; EP 06121694 A 20061003