

Title (en)
FIREARM SIMULATION AND GAMING SYSTEM AND METHOD FOR OPERATIVELY INTERCONNECTING A FIREARM PERIPHERAL TO A COMPUTER SYSTEM

Title (de)
FEUERWAFFENÜBUNGSSIMULATION- UND -SPIELSYSTEM UND VERFAHREN ZUR OPERATIVEN VERBINDUNG EINES FEUERWAFFENANSCHLUSSGERÄTES MIT EINEM RECHNERSYSTEM

Title (fr)
SYSTEME DE JEU ET DE SIMULATION D'ARME A FEU ET PROCEDE PERMETTANT DE CONNECTER DE MANIERE OPERATIONNELLE UNE ARME A FEU PERIPHERIQUE A UN SYSTEME INFORMATIQUE

Publication
EP 1257776 A2 20021120 (EN)

Application
EP 01908610 A 20010116

Priority
• US 0101287 W 20010116
• US 17582900 P 20000113

Abstract (en)
[origin: WO0151877A2] A firearm simulation system according to the present invention includes a laser transmitter assembly and a computer system coupled to a display for providing a virtual target. The laser assembly emits a beam of laser light from a firearm in the form of a cross-hair toward the virtual target. The display is surrounded by detector arrays each disposed along a corresponding display edge to sense the emitted cross-hair beam. The computer system receives signals from the detector arrays and indicates the location of a simulated projectile impact location on the display. Alternatively, reflective strips may be employed to reflect portions of the cross-hair beam, while a sensing device detects the beam reflections and transmits detection information to the computer system. The computer system may further include various gaming software and enable the simulated firearm to be operatively interconnected with the game to provide enhanced interaction.

IPC 1-7
F41G 1/00

IPC 8 full level
A63F 13/00 (2006.01); **F41G 3/26** (2006.01); **F41J 5/02** (2006.01); **G09B 9/00** (2006.01)

CPC (source: EP US)
F41G 3/2633 (2013.01 - EP US); **F41G 3/2655** (2013.01 - EP US)

Citation (search report)
See references of WO 0151877A2

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)
WO 0151877 A2 20010719; **WO 0151877 A3 20020502**; AU 3645801 A 20010724; EP 1257776 A2 20021120; JP 2003519775 A 20030624; US 2002012898 A1 20020131

DOCDB simple family (application)
US 0101287 W 20010116; AU 3645801 A 20010116; EP 01908610 A 20010116; JP 2001552043 A 20010116; US 76110201 A 20010116