

Title (en)

Optical positioning system for a virtual shoulder gun-firing simulator

Title (de)

Optisches Ortungssystem für einen virtuellen Schulterfeuerwaffensimulator

Title (fr)

Système de positionnement optique pour un simulateur de tir d'arme à feu d'épaule

Publication

**EP 1524486 A1 20050420 (EN)**

Application

**EP 04380204 A 20041008**

Priority

ES 200302400 A 20031015

Abstract (en)

The purpose of this Invention Patent Request is a positioning system for a virtual shoulder gun-firing simulator, the differentiating elements of which are a projection screen with an active element and a receiver located on the simulated arm. <??>This system is especially suitable for arm simulators that do not rest on the ground, thus permitting reduction of both the size and the complexity of the simulation equipment, as well as the time it takes to put it into operation, with the result it is completely portable and compatible with the present mobility of military units (Figure 1).  
<IMAGE>

IPC 1-7

**F41G 3/26**

IPC 8 full level

**F41G 3/26** (2006.01)

CPC (source: EP ES)

**A63F 9/02** (2013.01 - ES); **F41G 3/2627** (2013.01 - ES); **F41G 3/2633** (2013.01 - EP); **F41G 3/2661** (2013.01 - EP)

Citation (search report)

- [XA] US 6146278 A 20001114 - KOBAYASHI TATSUYA [JP]
- [XA] US 6110039 A 20000829 - OH KETSU [JP]
- [XA] US 5194008 A 19930316 - MOHAN WILLIAM L [US], et al
- [A] EP 0285586 A2 19881005 - COMBINOVA AB [SE]

Cited by

FR2878615A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1524486 A1 20050420**; ES 2229943 A1 20050416; ES 2229943 B1 20051201

DOCDB simple family (application)

**EP 04380204 A 20041008**; ES 200302400 A 20031015