

Title (en)
APPARATUS FOR TESTING THE FIRING OF HAND FIREARMS

Publication
EP 0046181 A3 19820623 (DE)

Application
EP 81105214 A 19810704

Priority
CH 629380 A 19800820

Abstract (en)
[origin: US4409826A] The test-firing apparatus comprises a weapon-holder (WH) accommodating a rifle or hand-gun and a preferably freely mobile mounting (LG), for the said holder, in relation to a stationary base (S). A projecting support means (SA), connected to the weapon, allows the recoil-pulse to be absorbed, in conjunction with the freely mobile mounting, by the body of an operator, as in practical shooting. The only purpose of the mounting, preferably in the form of a linear precision guide comprising cross rollers, is to position the barrel-axis directionally, and the said mounting is therefore subjected to little stress. Resilient and/or damping absorption of the recoil-pulse may also be provided. The barrel-axis (X-X) is arranged in parallel with the movement-axis (Y-Y) of the mounting, so that the point of impact of the bullet upon the target cannot be affected by the recoil-stroke. This parallelism may be adjusted by optical means, preferably by means of a reference-weapon fitted to the weapon-holder, the barrel-axis of the said reference-weapon being fixed parallel with the movement-axis by means of appropriate indexing elements. This indirect alignment is achieved by comparing the shot-patterns of the two weapons.

IPC 1-7
F41C 31/04; F41C 29/00

IPC 8 full level
F41A 23/16 (2006.01)

CPC (source: EP US)
F41A 23/16 (2013.01 - EP US)

Citation (search report)

- DE 218804 C
- FR 566088 A 19240208
- US 2731829 A 19560124
- FR 331030 A 19030829 - HENRI MENESSIER [FR]
- US 3805608 A 19740423 - BRIGGS J, et al

Cited by
US4799324A; FR2721391A1; US5703317A; EP0469665A1; CN110320454A; FR2691243A1; FR2691532A1; US5375804A; BE1007063A3; WO9535476A1; WO0173368A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0046181 A2 19820224; EP 0046181 A3 19820623; EP 0046181 B1 19850626; AT E14049 T1 19850715; DE 3171108 D1 19850801; US 4409826 A 19831018

DOCDB simple family (application)
EP 81105214 A 19810704; AT 81105214 T 19810704; DE 3171108 T 19810704; US 28500081 A 19810720