

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

Publication  
**EP 0046181 B1 19850626 (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)

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

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