

Title (en)
SIGHTING MECHANISM FOR FIRE ARMS

Title (de)
ZIELEINRICHTUNG FÜR EINE SCHUSSWAFFE

Title (fr)
SYSTEME DE CIBLE DESTINE A UNE ARME A FEU

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Application
EP 06723473 A 20060316

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Abstract (en)
[origin: WO2006097310A1] The invention relates to a sighting mechanism (1) for fire arms, comprising a video camera (2), a video screen (8), a digital sighting distance meter (3), at least one sensor (4, 5) for measuring environment, cartridge and/or weapon parameters, at least one biometric sensor (6), at least one memory module (7) for biometric data and/or munitions data and a digital computer (10). Said novel sighting device (1) is characterised in that at least two video cameras (2) are arranged in a parallel manner in relation to each other and capture the target sighting field, the computer (10) comprises at least two video input points and an image processing unit enabling the video image data to be superimposed in real time in a pixel precise manner in relation to the target field and can be reproduced on the screen, and the computer (10) comprises a ballistic computer which enables the target image to reproduced on the screen (8), and a graticule (8'), which is arranged in said superimposed screen or on the screen (8), can be positioned in an automatic manner and in real time according to the incoming data, such that the position of the graticule (8') in the target field corresponds to a real projectile point of impact.

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