

Title (en)

Method and device for estimating the shots on a target

Title (de)

Verfahren und Vorrichtung zur Trefferauswertung von Schiessscheiben

Title (fr)

Procédé et dispositif pour évaluer les coups sur une cible

Publication

**EP 0463566 B2 19990317 (DE)**

Application

**EP 91110143 A 19910620**

Priority

DE 4020658 A 19900629

Abstract (en)

[origin: EP0463566A1] A scanner (22) is assigned a reflected-light line (32) above a target-disc transport path and a transmitted-light transmission line (28) below this transport path. When a shot hole comes into the detection range of the scanner (22), the disc band is sensed by this in lines and a plurality of hole edge points are determined, these being combined arithmetically to form a polygon from which the shot-hole centre is calculated. Simultaneously with the entry of the hole-edge points, the same scanner (22) detects a number of points of the target-disc ring adjacent to the shot hole. An arc segment of the disc ring is calculated arithmetically from these ring points and its centre point is determined. The shot result is calculated from the distance between the shot-hole centre and the disc centre. <IMAGE>

IPC 1-7

**F41J 5/02**; G01N 21/89

IPC 8 full level

**F41J 5/02** (2006.01); **G01N 21/89** (2006.01)

CPC (source: EP)

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