

Title (en)

DEVICE FOR DETERMINING THE POINT OF IMPACT OF DARTS ON A PRACTICE TARGET

Title (de)

VORRICHTUNG ZUM ERMITTELN DES AUFTREFFPUNKTES VON PFEILEN AUF EINER ZIELSCHEIBE

Title (fr)

DISPOSITIF POUR LA DETERMINATION DU POINT D'IMPACT DE FLECHETTES SUR UNE CIBLE

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Application

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Abstract (en)

[origin: WO9831979A1] The invention relates to a device for determining the point of impact of darts (P) with a tip, on a flat practice target (Z). The device has a stationary light source (4, L) with a band-like luminous surface (5) at least partially enclosing the practice target, as well as a sensor device having several stationary angle sensors (S) fitted outside the practice target (Z), each measuring the angle position of a dart in relation to a reference. The evaluation unit (25) determines the point of impact of the dart by triangulating the measuring signals of the angle sensor(s). A semi-transparent ring mirror (RS) can be provided, which surrounds the practice target (Z), and whose mirror surface (non) is illuminated by a light source (Q). In this case the ring mirror is positioned between the practice target and the angle sensors.

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