

Title (en)

SCORING SYSTEM FOR ARCHERY

Title (de)

BEWERTUNGSSYSTEM FÜR BOGENSCHIESSEN

Title (fr)

SYSTÈME DE MARQUAGE DE POINTS POUR TIR À L'ARC

Publication

EP 2729755 A1 20140514 (EN)

Application

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Abstract (en)

[origin: US2014151965A1] The subject of the invention is a scoring system for archery, which is capable of detecting the scores in an electronic manner, and it is suitable for evaluation and displaying the obtained data. The system according to the invention contains arrow catch (1), which is provided with detector unit (3) that detects the impact of arrow (2) and determines its position, and also contains a processing and evaluating unit (4) which is in wired or in wireless connection, and a display unit (5). It is characterised by that, the detecting unit (3) is established as the frame or in the frame of the arrow catch (1), and the detectors (22) or distance meters (30) used for determining the position of arrows (2) in the target (6) are mounted on the position detecting carriages (13, 14) that move in X-Y directions, the driving of which is made by one of the known methods along the X-Y coordinates linearly along respective straight lines, and preferably a step counter, encoder (15) is used for accurately determining the position of the movement along the straight line, which gives the position on the basis of pulses counted in proportion to the movement. In one preferred embodiment of the system according to invention a number of arrow catches (1) are used, together with a number of associated detecting units (3), as well as one or more display units (5) belonging to the detecting units (3) are used.

IPC 8 full level

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