

Title (en)
SYSTEM FOR RECORDING A PLURALITY OF ANGULAR SPEEDS CORRESPONDING TO A PLURALITY OF SEGMENTS IN ORDER TO RECONSTITUTE A MOVEMENT.

Title (de)
VORRICHTUNG ZUR SPEICHERUNG VON EINER VIELZAHL VON WINKELGESCHWINDIGKEITEN VON EINER VIELZAHL VON SEGMENTEN UM EINE BEWEGUNG NACHZUBILDEN.

Title (fr)
SYSTÈME D'ENREGISTREMENT D'UNE PLURALITÉ DE VITESSES DE ROTATION D'UNE PLURALITÉ DE SEGMENTS POUR LA RESTITUTION D'UN GESTE

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Application
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Abstract (en)
[origin: WO2014108633A1] The present invention relates to a system for automatically recording and analyzing (12) a plurality of speeds of rotation of a plurality of segments of the human body noteworthy in that it consists: firstly of an acquisition and transmission device (120), to be disposed on the pelvis segment, comprising a supply module (122), a transmitter module (123) using a wireless link protocol, a microprocessor (124) coupled to a switching module (125) as well as a first sensor (126) of low weight dedicated to a measurement specific to the movements of said pelvis segment, the assembly being linked in a wire manner to three other sensors of low weight to be disposed respectively on the thorax (127), arm (128) and hand (129) segments, these four sensors being placed on these four particular segments whose dynamics contribute to the execution of a particular sporting gesture correctly carried out and secondly, in conjunction with the acquisition and transmission device (120), of a device for receiving, processing and displaying (130) the data acquired and then transmitted by the sensors which either displays the speeds of rotation of said segments in the form of curves, or analyzes and processes said data and displays the results of the data thus processed in the form of summary tables.

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