

Title (en)  
DEVICE FOR DETECTING THE NATURE OF A BLOW AND MEASURING ITS FORCE, METHOD FOR USING SAME AND USE THEREOF FOR REFEREEING A SPORT

Title (de)  
VORRICHTUNG ZUR ERFASSUNG DER ART EINES SCHLAGS UND ZUR MESSUNG SEINER WUCHT, VERFAHREN FÜR IHRE VERWENDUNG UND IHRE VERWENDUNG DURCH SCHIEDSRICHTER BEI EINEM SPORT

Title (fr)  
DISPOSITIF DE DETECTION DE LA NATURE D UN COUP ET DE MESURE DE SA FORCE, PROCEDE POUR SA MISE EN OEUVRE ET SAN APPLICATION A L'ARBITRAGE D'UNE SPORT

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Application  
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Abstract (en)  
[origin: WO2004011106A1] The invention concerns a device and a method for detecting the nature of a blow and for measuring its force. Such a device comprises a sensor (A) and a sensor (B) integral with a moving body (5) associated with a target (2) optionally moving, said sensor (B) operating to indicate whether the moving body (5) grazes the target (2) or hits same. The invention is characterized in that the moving body comprises a material highly permeable to a magnetic field and in that the target (2) comprises means for generating a magnetic field in its vicinity, the magnetic properties of the target (2) being detected by using a magnetic field detector. The invention is useful for refereeing a combat sport.

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