

Title (en)  
WEARABLE SENSOR MODULE FOR A WEARABLE SYSTEM FOR MONITORING TRAINING, AND WEARABLE SYSTEM AND METHOD FOR MONITORING TRAINING

Title (de)  
TRAGBARES SENSORMODUL FÜR EIN TRAGBARES SYSTEM ZUR TRAININGSÜBERWACHUNG SOWIE TRAGBARES SYSTEM UND VERFAHREN ZUR TRAININGSÜBERWACHUNG

Title (fr)  
MODULE PORTABLE DE CAPTEUR POUR UN SYSTÈME PORTABLE DE SURVEILLANCE D'ENTRAÎNEMENT AINSI QUE SYSTÈME ET PROCÉDÉ PORTABLES DE SURVEILLANCE D'ENTRAÎNEMENT

Publication  
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Application  
**EP 17729352 A 20170519**

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• EP 2017000602 W 20170519

Abstract (en)  
[origin: WO2017198337A1] The invention relates to a wearable sensor module (100) for a wearable system for monitoring training and to a wearable system (200) and a method (300) for monitoring training. The wearable sensor module (100) comprises a number of sensors (110) necessary at least for detecting a motion of body parts of a training person (T), an energy supply (120), a communication unit (130), and a housing (140). The energy supply (120) comprises a system for locally obtaining energy (121). The wearable system for monitoring training (200) comprises a plurality of sensors (210) necessary at least for detecting a motion of body parts of a training person (T), wherein a number of sensors (210) can be attached to each of at least two body parts or also a sports device (SG) of the training person (T). The system (200) comprises at least one computing unit (220) communicatively connected to the sensors (210), wherein the computing unit (220) is designed to correlate the actual measured values of the sensors (210) with an actual motion pattern and to compare the actual motion pattern of the training person (T) with a target motion pattern. The system (200) comprises at least one output unit (230) communicatively connected to the computing unit (220). The computing unit (200) has at least one data interface (221), which is designed to read in at least body features and activity of the training person (T) and to retrieve target motion patterns corresponding thereto from a database. In addition, the output unit (230) of the system is designed to output an optical and/or acoustic signal in real time in the event of deviations between the actual motion pattern and the target motion pattern.

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