

Title (en)

METHOD AND DEVICE FOR CONTROLLING THE POSTURE OR MOVEMENT OF A PERSON

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HALTUNGS- ODER BEWEGUNGSKONTROLLE EINER PERSON

Title (fr)

PROCEDE ET DISPOSITIF DE CONTROLE DE LA POSITION CORPORELLE OU DU MOUVEMENT D'UNE PERSONNE

Publication

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Application

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Abstract (en)

[origin: WO02095714A2] The invention relates to a method for controlling the posture and/or movement of at least one person with the aid of a training program. The inventive method comprises the following steps: a) data relevant to posture is detected with the aid of sensor devices; b) the data detected by the sensor devices is synchronized and assembled; c) the synchronized and assembled data is filtered and normalized; d) the filtered and normalized data is compared with reference data in order to determine correlation factors and/or examine the occurrence of characteristic features such as extreme values or exceeding threshold values or falling short thereof; e) objects are defined with the aid of the correlation factors and/or occurring characteristic features, said objects comprising a set of conditions and a probability value derived therefrom; f) the objects are processed in an expert databank and messages are outputted depending on the fulfillment of one or several conditions and the actual state of the training program and the subsequent progression of the training program is controlled.

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