

Title (en)
METHOD OF IDENTIFYING THE GEOMETRIC PARAMETERS OF AN ARTICULATED STRUCTURE AND OF A SET OF REFERENCE FRAMES OF INTEREST DISPOSED ON SAID STRUCTURE

Title (de)
VERFAHREN ZUR IDENTIFIZIERUNG DER GEOMETRISCHEN PARAMETER EINER GELENKSTRUKTUR UND SET AUS BESTIMMTEN, AUF DIESER STRUKTUR ANGEORDNETEN REFERENZBILDERN

Title (fr)
PROCEDE D'IDENTIFICATION DES PARAMETRES GEOMETRIQUES D'UNE STRUCTURE ARTICULEE ET D'UN ENSEMBLE DE REPERES D'INTERET DISPOSES SUR LADITE STRUCTURE

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Abstract (en)
[origin: WO2013131990A1] The present invention relates to a method of identifying the geometric parameters of devices each comprising at least one accelerometer, each platform being disposed on a segment of an articulated body. Said method comprises steps of evaluating values of parameters characterizing the orientation and the position of each sensor in the reference frame of each segment and of the length of each segment, in a reference frame of said segment, by using predetermined configurations and movements of the structure. The method of the invention makes it possible to provide a device for capturing the movements of said body with measurements which allows greater reliability of said measurements.

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