

Title (en)

METHOD AND DEVICE FOR DETERMINING THE POSITION COORDINATES OF A TARGET OBJECT

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BESTIMMEN DER ORTSKOORDINATEN EINES ZIELOBJEKTES

Title (fr)

PROCÉDÉ ET DISPOSITIF DE DÉTERMINATION DES COORDONNÉES LOCALES D'UN OBJET CIBLE

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Application

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Abstract (en)

[origin: WO2014095521A1] The invention relates to a method for determining the position coordinates (XM, YM, ZM) of a target object (11) in a measurement region (12) in at least two dimensions, wherein: in a first step, a target device (13) with a reflector element (18) is positioned on the target object (11) and a first base distance between a first and a second laser distance measuring device (14, 15) is determined; in a second step, a first distance, that of the first laser distance measuring device (14) from the target object (11) and a second distance, that of the second laser distance measuring device (15) from the target object (11), are determined by means of laser distance measurement using the laser distance measuring devices (14, 15); and, in a third step, the position coordinates (XM, YM, ZM) of the target object (11) are determined from the distances by means of a control device (17).

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