

Title (en)

METHOD AND DEVICE FOR CONTACTLESS OPTICAL DETERMINATION OF THE 3-D POSITION OF AN OBJECT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BERÜHRUNGSLOSEN OPTISCHEN 3D- LAGEBESTIMMUNG EINES OBJEKTS

Title (fr)

PROCEDE ET DISPOSITIF POUR DETERMINER, OPTIQUEMENT ET SANS CONTACT, LA SITUATION TRIDIMENSIONNELLE D'UN OBJET

Publication

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Application

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Abstract (en)

[origin: WO2005031647A1] The invention relates to a method and device for contactless optical determination of the 3D position of an object, i.e. the 3D position and 3D orientation of an object whose certain geometrical characteristics are known. The aim of said invention is to investigate complete 3D information on the studied object by simple means and at a high speed and accuracy of measurement. For this purpose, an object image is generated by means of a camera and the 3D position thereof based on the generated image is calculated by means of image information on the detected geometrical characteristics.

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See references of WO 2005031647A1

Citation (examination)

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