

Title (en)

METHOD AND DEVICE FOR THE REDUCTION OF INFLUENCE OF THE MULTIPATH EFFECT ON THE OWN POSITION MEASUREMENT OF A BEAM GUIDED OBJECT AND THE RF BEAM GUIDED OBJECT CONTROL SYSTEM USING IT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERRINGERUNG DES EINFLUSSES DES MEHRWEGEEFFEKTS AUF DIE MESSUNG DER EIGENEN POSITION EINES STRAHLGEFÜHRTEN OBJEKTS UND SIE VERWENDENDEN SYSTEM ZUR STEUERUNG DES HF-STRAHLGEFÜHRTEN OBJEKTS

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE REDUIRE L'INFLUENCE D'UNE IMAGE FANTOME SUR LA MESURE DE POSITION PROPRE D'UN OBJET A FAISCEAU DIRIGE, ET SYSTEME DE COMMANDE D'OBJET A FAISCEAU DIRIGE RF UTILISANT UN TEL DISPOSITIF

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Abstract (en)

[origin: WO2005038386A1] This invention relates to a method and the corresponding device for the reduction of the influence of the multipath effect on the own position measurement of a beam guided object and the RF beam guided object control means using it. In guided ammunition control, the use of RF beam guidance induces that the own position measurements of the guided ammunition with respect to the guidance beam are affected by multipath effects in the case of low flying targets. An object of this invention is a method for the reduction of the multipath effect on the own position measurement of a beam guided object comprising the limitation of the variation of the measured position into a predetermined interval [F2, F1].

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