

Title (en)

SYSTEM AND METHOD FOR SUPPRESSING INTERFERENCE IN FREQUENCY-MODULATED RADAR SYSTEMS

Title (de)

SYSTEM UND VERFAHREN ZUR STÖRUNTERDRÜCKUNG BEI FREQUENZMODULIERTEN RADARSYSTEMEN

Title (fr)

SYSTÈME ET PROCÉDÉ DE SUPPRESSION DES INTERFÉRENCES DANS DES SYSTÈMES RADAR À MODULATION DE FRÉQUENCE

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Application

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Abstract (en)

[origin: WO2011091965A1] The invention relates to a system having an emitter for emitting a first microwave radiation, a receiver for detecting a second microwave radiation derived from the first microwave radiation and a control system connected to the emitter and the receiver. The first microwave radiation is emitted at a plurality of points in time at different frequencies assigned to the points in time. The correlation of point in time and frequency is random or pseudo-random. Alternatively or additionally, at the point in time, the length of the time period for an emission or reception is random or pseudo-random. The invention further relates to a method for suppressing interference in frequency-modulated radar systems.

IPC 8 full level

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