

Title (en)

RADAR DEVICE AND METHOD FOR CODING A RADAR DEVICE

Title (de)

RADAREINRICHTUNG UND VERFAHREN ZUM CODIEREN EINER RADAREINRICHTUNG

Title (fr)

DISPOSITIF RADAR ET PROCEDE DE CODAGE DUDIT DISPOSITIF

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Application

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Abstract (en)

[origin: DE10104022A1] The invention relates to a radar device, equipped with means (12) for generating a code, means (18) for modulating a transmitted signal in a transmission branch using said code, means (32) for delaying the code, means (20) for modulating a signal in a receiving branch using the delayed code and means (26) for mixing a reference signal with a received signal, whereby one of the signals is modulated using an amplitude modulation (ASK; "amplitude shift keying") and the other signal is modulated by a phase modulation (PSK; "phase shift keying"). The invention also relates to a radar device, in which phase transitions are blanked. The invention further relates to methods, which can be advantageously carried out using the inventive radar devices.

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