

Title (en)

METHOD FOR DETERMINING THE START OF A PULSE IN A SPREAD SPECTRUM SYSTEM

Title (de)

VERFAHREN ZUR ERFASSUNG DES BEGINNS EINES PULSES IN EINEM SPREIZSPEKTRUMSYSTEM

Title (fr)

PROCEDE PERMETTANT DE DETERMINER LE DEBUT D'UNE IMPULSION DANS UN SYSTEME A SPECTRE ETALE

Publication

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Application

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Abstract (en)

[origin: WO0067387A1] This station comprises a system in which information is transmitted in the form of symbols appearing in symbol periods. The station comprises a receiving circuit in which a synchronizing circuit is provided for producing an indication of the start of a symbol. This synchronizing circuit comprises a measuring circuit for measuring the energy of the transmitted signal, a first integration circuit for integrating this energy measurement, a second integration circuit for integrating this energy measurement as a function of the output signal of the first integration circuit. Finally, a threshold circuit produces a start-of-received-symbol signal based on the output signal of the second integration circuit.

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