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

EP 1095466 A1 20010502 (EN)

Application

EP 00931164 A 20000501

Priority

- EP 00931164 A 20000501
- EP 0004189 W 20000501
- EP 99401088 A 19990504

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.

IPC 1-7

H04B 1/707; H04B 7/26

IPC 8 full level

H04B 1/707 (2011.01); **H04B 7/26** (2006.01); **H04W 88/02** (2009.01)

CPC (source: EP KR)

H04B 1/707 (2013.01 - KR); **H04B 1/70775** (2013.01 - EP); H04B 2201/70702 (2013.01 - EP)

Citation (search report)

See references of WO 0067387A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 0067387 A1 20001109; CN 1302483 A 20010704; EP 1095466 A1 20010502; JP 2002543734 A 20021217; KR 20010053361 A 20010625; TW 503630 B 20020921

DOCDB simple family (application)

EP 0004189 W 20000501; CN 00800762 A 20000501; EP 00931164 A 20000501; JP 2000616132 A 20000501; KR 20017000005 A 20010102; TW 89113989 A 20000713