

Title (en)

DIGITAL RECEIVER AND METHOD FOR SYMBOL DETECTION IN A SPREAD SPECTRUM SIGNAL

Title (de)

EMFÄNGER UND VERFAHREN ZUR SYMBOLDETEKTION IN EINEM SPREIZSPEKTRUMSIGNAL

Title (fr)

RECEPTEUR NUMERIQUE ET PROCEDE DE DETECTION DE SYMBOLES DANS UN SIGNAL DE BANDE DE BASE

Publication

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Application

EP 01956970 A 20010820

Priority

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Abstract (en)

[origin: WO0217508A2] ABSTRACT A digital receiver detects symbols in a baseband signal in a DS-CDMA network. The receiver includes multiple spaced apart antennas. A time-frequency rake receiver is connected to each of the antennas. An interference canceller is connected to each output of each of the rake receiver. Each interference canceller produces a contributing symbol in parallel. A diversity combiner determines a decision symbol corresponding to the baseband signal from the contributing symbols.

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H04B 1/707; H04B 7/08

IPC 8 full level

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