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CANCELLATION OF PILOT AND UNWANTED TRAFFIC SIGNALS IN A CDMA SYSTEM

ABSTRACT

A global pilot and unwanted traffic signal canceler for a spread spectrum communication system receiver that reduces their contributive noise effects. The present invention effectively cancels the global pilot and unwanted, active traffic signals prior to decoding a desired traffic signal at the receiver. The system and method decreases the bit error rate (BER) yielding an increased signal-to-noise ratio.

FIGURE 1



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