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(34) Title: SPREAD SPECTRUM TELECOMMUNICATION SYSTEM		
(57) Abstract		
A method of reducing computation in spread spectrum signals in which a spread spectrum signal sent by a transmitting station (SS1) includes a group and an individual identity code. A receiver (10, 12) stores the received signals based on their group codes and analyses the stored signals on a group by group basis. This greatly reduces this computation required when recovering individual messages from a number of simultaneously transmitted spread spectrum signals. Optionally the transmitting station may send the group and individual identity code signals simultaneously as quadrature signals. 		

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(57) Abstract

An echo canceller determines a dynamic threshold (TH(n)) that depends on a non-linear error power estimate (24), and preferably also a linear error power estimate (22). A residual power estimate (28) of a residual signal (e(n)) is compared to this dynamic threshold. The residual signal is attenuated in a non-linear processor (20) if the residual power estimate falls below the dynamic threshold.