

said memory is further for storing user identification data and said pre-encrypted messages including said sequence numbers therein; and said user identification data and said equipment identification data are encrypted together at an authentication center in accordance with said predetermined encryption relationship.

31. An apparatus as claimed in claim 28 wherein: said memory is further configured for storing an error detection code therein; said error detection code and said equipment identification data are encrypted together in accordance with said predetermined encryption relationship; and said error detection code and said sequence numbers are encrypted together in accordance with said predetermined encryption relationship.

32. A method of accessing a communication system through a subscriber unit, said subscriber unit including an authentication module which includes blocks of pre-encrypted information, said pre-encrypted information

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including an equipment ID associated with said subscriber unit, each of said blocks including a sequence number, said blocks being encrypted at an authentication center and stored in said authentication module in an encrypted form, said method comprising the steps of: sending, by said subscriber unit, said equipment ID and one of said blocks of said pre-encrypted information to a communication service provider when access is desired to said communication system; and receiving notice of access to said communication service from said service provider when said service provide detects correspondence between said equipment ID and a decrypted equipment ID, and determines that said sequence number is subsequent to a previous sequence number, said communication service provider decrypting said one of said blocks to determine said equipment ID and said sequence number.

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