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(54) Title: A METHOD, APPARATUS AND COMPUTER PROGRAM FOR VERIFYING THE INTEGRITY OF ELECTRONIC MESSAGES

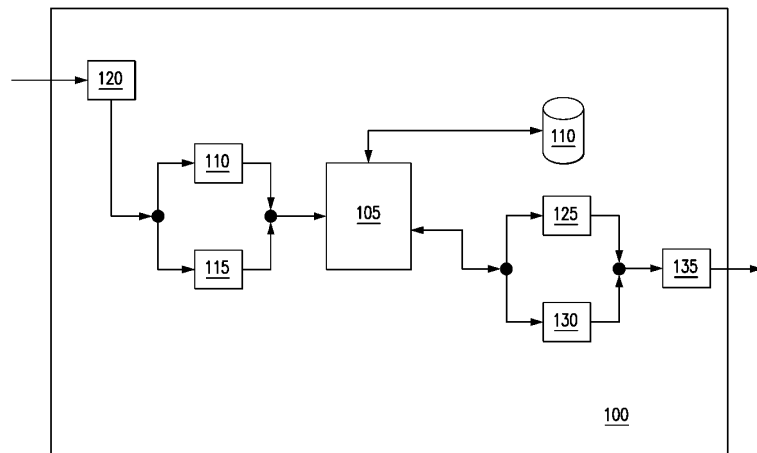


FIG. 1

(57) Abstract: A Method, Apparatus and Computer Program for Verifying the Integrity of Electronic Messages A method for verifying integrity of electronic messages, comprising the steps of: obtaining an input message digest for a source electronic message; adding the input message digest to an input accumulator that accumulates the input message digests over a predetermined period of time; obtaining an output message digest for a destination electronic message; adding the output message digest to an output accumulator that accumulates the output message digests over the predetermined period of time; comparing the value of the input accumulator with the value of the output accumulator at the expiration of the predetermined period of time; and verifying integrity in the source and destination electronic messages over the predetermined period of time when the value of the input accumulator is equivalent to the value of the output accumulator.

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