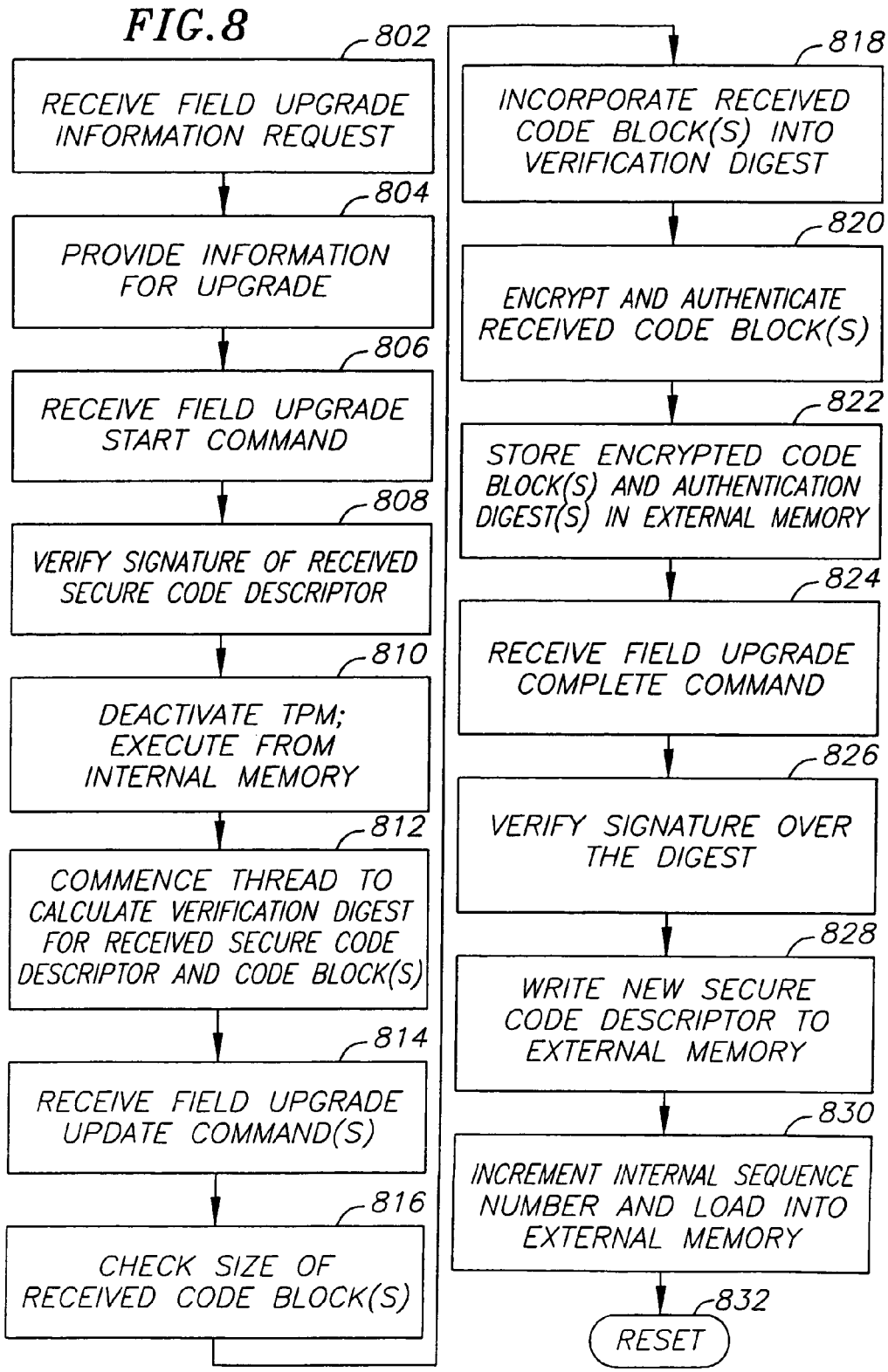
FIG.8
802
RECEIVE FIELD UPGRADE INFORMATION REQUEST
804
PROVIDE INFORMATION FOR UPGRADE
806
RECEIVE FIELD UPGRADE START COMMAND
808
VERIFY SIGNATURE OF RECEIVED SECURE CODE DESCRIPTOR
810
DEACTIVATE TPM; EXECUTE FROM INTERNAL MEMORY
812
COMMENCE THREAD TO CALCULATE VERIFICATION DIGEST FOR RECEIVED SECURE CODE DESCRIPTOR AND CODE BLOCK(S)
814
RECEIVE FIELD UPGRADE UPDATE COMMAND(S)
816
CHECK SIZE OF RECEIVED CODE BLOCK(S)
818
INCORPORATE RECEIVED CODE BLOCK(S) INTO VERIFICATION DIGEST
820
ENCRYPT AND AUTHENTICATE RECEIVED CODE BLOCK(S)
822
STORE ENCRYPTED CODE BLOCK(S) AND AUTHENTICATION DIGEST(S) IN EXTERNAL MEMORY
824
RECEIVE FIELD UPGRADE COMPLETE COMMAND
826
VERIFY SIGNATURE OVER THE DIGEST
828
WRITE NEW SECURE CODE DESCRIPTOR TO EXTERNAL MEMORY
830
INCREMENT INTERNAL SEQUENCE NUMBER AND LOAD INTO EXTERNAL MEMORY
832
RESET