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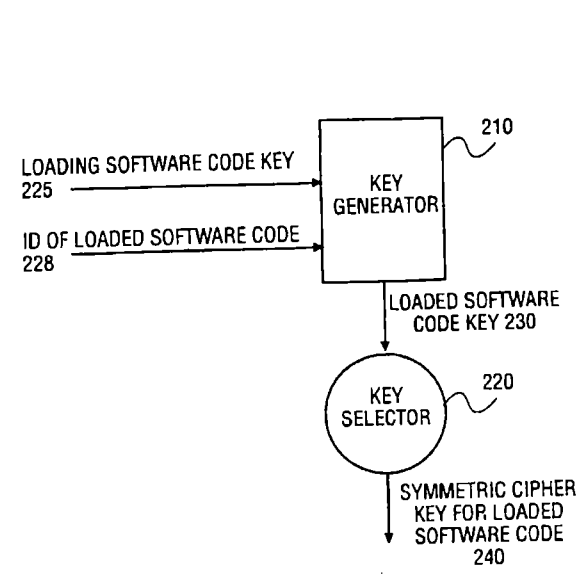
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(54) Title: GENERATING A KEY HIERARCHY FOR USE IN AN ISOLATED EXECUTION ENVIRONMENT



(57) Abstract: The present invention is a method, apparatus, and system to generate a key hierarchy for use in an isolated execution environment of a protected platform. In order to bind secrets to particular code operating in isolated execution, a key hierarchy comprising a series of symmetric keys for a standard symmetric cipher is utilized. The protected platform includes a processor that is configured in one of a normal execution mode and an isolated execution mode. A key storage stores an initial key that is unique for the platform. A cipher key creator located in the protected platform creates the hierarchy of keys based upon the initial key. The cipher key creator creates a series of symmetric cipher keys to protect the secrets of loaded software code.

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