

Title (en)
APPARATUS AND METHOD FOR SECURE FIELD UPGRADABILITY

Title (de)
VORRICHTUNG UND VERFAHREN ZUR SICHEREN FELDERWEITERUNG

Title (fr)
APPAREIL ET PROCEDES PERMETTANT UNE EVOLUTIVITE SURE SUR SITE

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Application
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Abstract (en)
[origin: WO0133768A2] Apparatuses and methods for enabling functionality of a component, with the apparatus including such elements as an identification module having an identification number stored therein, and a hash function module in communication with the identification module. A host is provided and is in communication with the identification module, and a guess register is in communication with the host. An encryption module is provided, and is in communication with the guess register. A public key module is in communication with the encryption module. The public key module has a public key stored therein. A comparator is in communication with the encryption module and the hash function module. The comparator may compare a first bit string to a second bit string to generate a function enable output for the component. Various methods and other embodiments of the apparatus are provided, in order to provide secure field upgradability of electronic components.

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