

Title (en)
CARD CREDENTIAL METHOD AND SYSTEM

Title (de)
KARTENBERECHTIGUNGSNACHWEISVERFAHREN UND SYSTEM

Title (fr)
PROCÉDÉ ET SYSTÈME DE CERTIFICATION DE CARTE

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Application
EP 09752246 A 20091021

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Abstract (en)
[origin: WO2010048350A1] In one implementation, a method for providing access to a secure facility includes authenticating the user; generating a card credential, transmitting the card credential to an access card carried by of the user, and transmitting the card key to the access card in a form that is usable by the access card. The generating the card credential includes encrypting the card key using a server encryption key. The card key is usable for a challenge-response interaction during subsequent access requests by the user. In one embodiment, a device includes a first interface, a second interface, a memory, and a processor coupled to the first and second interfaces and to the memory. The processor is configured to receive key-management information via the second interface, and to store the key-management information in a protected portion of the memory as stored key- management information. The processor is also configured to perform a challenge-response authentication interaction via the first interface. The challenge-response authentication interaction is based at least in part on the stored key-management information. The device is configured to prevent data in the protected portion of the memory from being modified in response to information received via the first interface.

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