

Title (en)

METHOD FOR SAFELY STORING CREDIT UNITS IN A SMART CARD AND MONETARY TRANSACTION SYSTEM USING SAME

Title (de)

VERFAHREN ZUM GESICHERTEN SPEICHERN VON WERTEinHEITEN IN EINER CHIPKARTE UND GELDÜBERWEISUNGSSYSTEM ZUR DESSEN VERWENDUNG

Title (fr)

PROCEDE DE STOCKAGE DES UNITES DE VALEUR DANS UNE CARTE A PUCE DE FACON SECURISEE ET SYSTEME DE TRANSACTION MONETAIRE AVEC DE TELLES CARTES

Publication

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Application

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Abstract (en)

[origin: WO9745815A1] The invention discloses a method for storing credit units in a smart card for carrying out transactions from a terminal, the card comprising a non-volatile EEPROM type memory (103), comprising an active zone (ZA) capable of containing information items concerning the number of the card credit units for a given application and a certificate computed by the terminal, in particular based on this number, on a mathematical function and on data varying with each transaction, the memory also comprising a copy zone (ZC) for containing a backup of the active zone (ZA) information items; the recording of information items in the active zone (ZA) and in the copy zone (ZC) following a transaction executed only after carrying out a coding operation on these information items, these coded information items being then recorded in these zones. Application to electronic cash systems.

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