

Title (en)

CHIP CARD FOR EXECUTING NON-MODIFIABLE SYSTEM PROGRAM ROUTINES AND REPLACEMENT PROGRAM ROUTINES ALLOCATED THERETO, AND METHOD FOR OPERATING THE CHIP CARD

Title (de)

CHIPKARTE ZUR AUSFÜHRUNG VON NICHT ÄNDERBAREN SYSTEM-PROGRAMMROUTINEN UND DIESEN ZUGEORDNETEN ERSATZ-PROGRAMMROUTINEN, SOWIE VERFAHREN ZUM BETRIEB DER CHIPKARTE

Title (fr)

CARTE A PUCE PERMETTANT D'EXECUTER DES ROUTINES DE PROGRAMME SYSTEME NON MODIFIABLES, ROUTINES DE PROGRAMME DE REMPLACEMENT AFFECTEES A CES DERNIERES ET MODE DE FONCTIONNEMENT DE LA CARTE A PUCE

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Application

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Abstract (en)

[origin: WO9859325A2] The inventive chip card (CK) has an operating system (H) for executing non-modifiable system program routines (U). Before a system program routine (U) is executed, said operating system (H) requests a check routine (OMF) and allocates said check routine (OMF) an ID code, said ID code (Q11) identifying the corresponding system program routine (U). Using the check routine (OMF) and the ID code, the operating system (H) checks whether a replacement program routine (U') has been allocated (Q12) to the system program routine (U), and if this is the case (Q31), executes said replacement program routine (U'). In the event that no replacement program routine has been allocated (Q32), the system program routine (U) is executed (Q41). The non-modifiable system program routines (U) are stored especially in a non-volatile read-only memory (S1, ROM) and the replacement program routines (U') especially in a write read memory (S2, EEPROM) of the chip card (CK).

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