Title (en)
DATA VERIFICATION SYSTEM AND METHOD

Title (de)
DATENPRÜFSYSTEM UND -VERFAHREN

Title (fr)
SYSTEME ET PROCEDE DE VERIFICATION DE DONNEES

Publication
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Application
EP 95904152 A 19941129

Priority
- IL 10778993 A 19931129
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Abstract (en)
[origin: WO9514968A1] A system and method of verifying data (D) sent by a card having a private key (S) and identification number (ID). The method is independent of a challenge received from the interrogating terminal and the challenge input to the system public transformation (H) is replaced by data input. The input (ID) is transformed by system private transformation (T), by the verifying terminal, yielding a private key (S). The system public transformation (H) is executed on the data (D) and the private key (S) to result in a verification value (G). The verifying terminal then executes a reference transformation (TH) using the data (D) and the identification number (ID) which results in a reference value (G'). The value (G') obtained by the verifying terminal equals the value (G) if (ID) and (D) were genuinely submitted by the card that possesses (S) associated with (ID).

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CPC (source: EP)
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