

Title (en)  
INFORMATION CARD

Title (de)  
INFORMATIONSKARTE

Title (fr)  
CARTE PORTEUSE D'INFORMATIONS

Publication  
**EP 1116176 B1 20040512 (EN)**

Application  
**EP 99948328 A 19990917**

Priority  
• JP 27551398 A 19980929  
• US 9921663 W 19990917

Abstract (en)  
[origin: WO0019365A1] An information card system that eliminates forgery and illegal use of a card is proposed. An information card stores information data in a memory thereof. The information data contains inherent data embedded therein according to Steganography. The information card also stores a password for permitting the information data to be read from the memory. A data processing terminal checks a submitted password against the stored password, and permits the information data to be read from the memory when the passwords identify with each other. A customized key is submitted to extract the inherent data. The inherent data is permitted to be extracted only when submitted customized key is legitimate. The information card system is possible to both hide the presence of the inherent data and prevent unauthorized extraction of the inherent data because any unauthorized person is unaware of the customized key. Thus, the information card system provides a high level of security.

IPC 1-7  
**G06K 19/07**; **G07C 9/00**

IPC 8 full level  
**G06F 12/14** (2006.01); **G06F 21/60** (2013.01); **G06F 21/62** (2013.01); **G06K 17/00** (2006.01); **G06K 19/073** (2006.01); **G06K 19/10** (2006.01); **G07C 9/00** (2006.01); **G10K 15/02** (2006.01); **H04L 9/32** (2006.01)

CPC (source: EP)  
**G07C 9/253** (2020.01)

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DE 19536206 A1 19960404 - SAMSUNG ELECTRONICS CO LTD [KR]

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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