Title (en)
CRYPTOGRAPHIC MEDIUM

Title (de)
KRYPTOGRAFISCHES MEDIUM

Title (fr)
SUPPORT CRYPTOGRAPHIQUE

Publication
EP 1008101 A4 20030326 (EN)

Application
EP 97953060 A 19971120

Priority
• US 9721809 W 19971120
• US 3128396 P 19961120

Abstract (en)
[origin: WO9822914A2] A cryptographic medium including embedded metallic particles. The particles provide a unique signature when the card is exposed to a radio frequency signal. The medium includes programming and storage capability, so that protocols for different types of transactions may be stored on the medium, along with personal information associated with the user of the token. The token may take the form of a plastic card, which includes an electronic module fabricated using a multi-chip module design and including the programming and storage capability. The design allows greater computing and storage capacity on the card. At least the electronic module is encapsulated in a plascon material, giving the overall card a more physically secure construction.

IPC 1-7
G06K 19/06; G06K 19/073; G07F 7/10

IPC 8 full level
G06K 19/06 (2006.01); **G06K 19/07** (2006.01); **G06K 19/10** (2006.01); **G06K 19/077** (2006.01); **G07F 7/10** (2006.01)

CPC (source: EP KR)
G06K 19/06 (2013.01 - KR); **G06K 19/086** (2013.01 - EP); **G06Q 20/341** (2013.01 - EP); **G07F 7/082** (2013.01 - EP); **G07F 7/1008** (2013.01 - EP)

Citation (search report)
[X] EP 0583709 A1 19940223 - THOMSON CONSUMER ELECTRONICS [FR]

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

DOCDB simple family (publication)
WO 9822914 A2 19980528; **WO 9822914 A3 19980723**; AP 1098 A 20020829; AP 9901571 A0 19990630; AU 5688298 A 19980610; AU 728517 B2 20010111; BR 9713162 A 20020122; CA 2272383 A1 19980528; CN 1246188 A 20000301; CZ 178599 A3 19991117; EA 001552 B1 20010423; EA 199900482 A1 19991229; EP 1008101 A2 20000614; EP 1008101 A4 20030326; HU P0001638 A2 20000928; HU P0001638 A3 20020128; JP 2001504617 A 20010403; KR 100372628 B1 20030217; KR 20000057177 A 20000915; NO 992416 D0 19990520; NO 992416 L 19990707; NZ 336338 A 20000228; OA 11120 A 20030404; PL 333506 A1 19991220; TR 199901122 T2 19990823; UA 43455 C2 20011217

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