

Title (en)
PHYSICAL ACCESS CONTROL

Title (de)
PHYSISCHER ZUGANGSKONTROLLE

Title (fr)
COMMANDE D'ACCES PHYSIQUE

Publication
EP 1493131 A2 20050105 (EN)

Application
EP 03726222 A 20030408

Priority

- US 0310748 W 20030408
- US 37086702 P 20020408
- US 37295102 P 20020416
- US 37321802 P 20020417
- US 37486102 P 20020423
- US 42079502 P 20021023
- US 42119702 P 20021025
- US 42175602 P 20021028
- US 42241602 P 20021030
- US 42750402 P 20021119
- US 44340703 P 20030129
- US 44614903 P 20030210
- US 39501703 A 20030321

Abstract (en)
[origin: WO03088166A2] A system and method are disclosed for controlling physical access through a digital certificate validation process that works with standard certificate formats and that enables a certifying authority (CA) to prove the validity status of each certificate C at any time interval (e.g., every day, hour, or minute) starting with C's issue date, D1. C's time granularity may be specified within the certificate itself, unless it is the same for all certificates. For example, all certificates may have a one-day granularity with each certificate expires 365 days after issuance. Given certain initial inputs provided by CA, a one-way hash function is utilized to compute values of a specified byte size that are included on the digital certificate and to compute other values that are kept secret and used in the validation process.

IPC 1-7
G07C 9/00

IPC 8 full level
E05B 49/00 (2006.01); **G06K 17/00** (2006.01); **G06K 19/10** (2006.01); **G06Q 20/00** (2006.01); **G07C 9/00** (2006.01); **H04L 9/32** (2006.01)

CPC (source: EP)
G06Q 20/02 (2013.01); **G07C 9/23** (2020.01); **G07C 9/257** (2020.01)

Citation (search report)
See references of WO 03088166A2

Citation (examination)

- US 4453074 A 19840605 - WEINSTEIN STEPHEN B [US]
- US 4837822 A 19890606 - CROSLEY THOMAS W [US], et al

Cited by
US11263711B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03088166 A2 20031023; **WO 03088166 A3 20040401**; **WO 03088166 A8 20040805**; AU 2003228468 A1 20031027; AU 2003228468 B2 20091001; AU 2010200020 A1 20100128; AU 2010200020 B2 20121213; CA 2479869 A1 20031023; CA 2479869 C 20130709; CN 100473002 C 20090325; CN 1659597 A 20050824; EP 1493131 A2 20050105; JP 2005525731 A 20050825

DOCDB simple family (application)
US 0310748 W 20030408; AU 2003228468 A 20030408; AU 2010200020 A 20100104; CA 2479869 A 20030408; CN 03813266 A 20030408; EP 03726222 A 20030408; JP 2003585029 A 20030408