

Title (en)

SOLID STATE KEY FOR CONTROLLING ACCESS TO COMPUTER SYSTEMS AND TO COMPUTER SOFTWARE AND/OR FOR SECURE COMMUNICATIONS

Publication

EP 0253885 A4 19910320 (EN)

Application

EP 87901275 A 19861222

Priority

US 81364785 A 19851226

Abstract (en)

[origin: WO8703977A1] A semiconductor device that functions as a key (12) to control access to a computer (34) or a software program resident in a computer or provides for secure communications. The device (64) executes an algorithm that combines a root and a seed to produce a password. The password is input to the computer (34). The computer (34) uses an equivalent algorithm to produce a password within the computer (34). Comparison or other methods are employed to allow access to the computer (34) or computer program or to allow for secure communications. The computer (34) can be coded to produce on a video display (18) thereof a time-space stimulus pattern which can be received by sensors (28a-28d) of the key. Alternatively, a keypad (700) can be employed to input the stimulus output from the computer (34, 68) into the access key (12). Further the present system allows for secure communications using algorithms between different computers and between distant locations.

IPC 1-7

G06F 1/00; H04L 9/04

IPC 8 full level

G06F 1/00 (2006.01); **G06F 21/34** (2013.01)

CPC (source: EP)

G06F 21/34 (2013.01); **G06F 2221/2103** (2013.01)

Citation (search report)

- [A] GB 2154344 A 19850904 - NAT RES DEV
- [A] WO 8503785 A1 19850829 - GORDIAN SYSTEMS INC [US]
- [A] US 4369332 A 19830118 - CAMPBELL JR CARL M
- [A] US 4471163 A 19840911 - DONALD THOMAS C [US], et al
- See references of WO 8703977A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 8703977 A1 19870702; EP 0253885 A1 19880127; EP 0253885 A4 19910320

DOCDB simple family (application)

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