

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
31 December 2003 (31.12.2003)

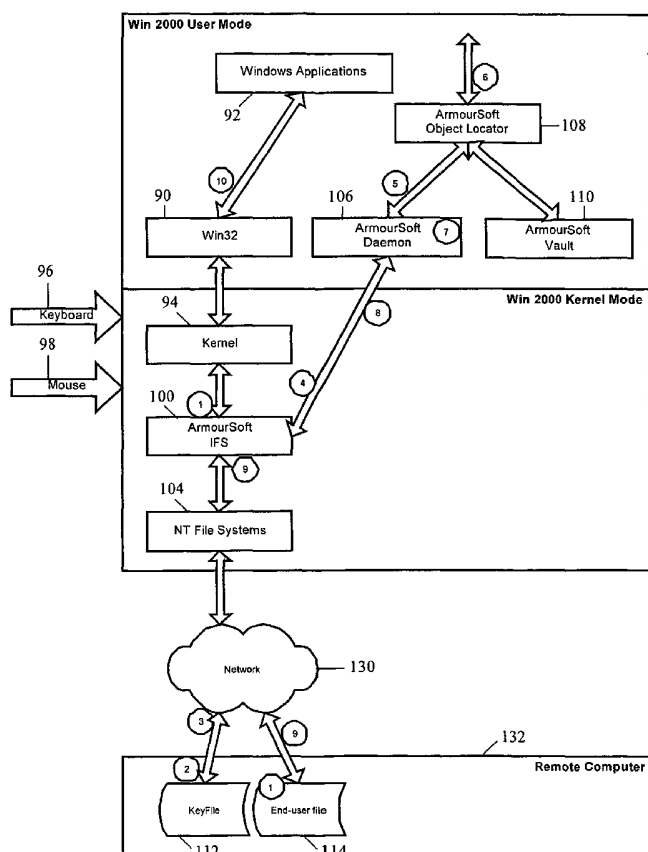
PCT

(10) International Publication Number
WO 2004/001561 A3

- (51) International Patent Classification⁷: **G06F 1/00**
- (21) International Application Number:
PCT/GB2003/002656
- (22) International Filing Date: 20 June 2003 (20.06.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
0214414.5 21 June 2002 (21.06.2002) GB
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,

[Continued on next page]

(54) Title: COMPUTER ENCRYPTION SYSTEMS



(57) Abstract: A system for encrypting computer files associates a key file with the encrypted file. Operations performed on the encrypted file are also performed on the key file. The key file includes a list of users to whom the encrypted file is available together with the public key certificates for those users. The symmetric key is held in the key file wrapped with the authorised user certificates.



LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
15 April 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

PCT/GB 03/02656

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 495 533 A (TSUDIK GENE Y ET AL) 27 February 1996 (1996-02-27) abstract; figure 8 column 5, line 6 - line 8 column 8, line 46 - line 65 ---	1-31
X	US 6 289 105 B1 (MUROTA MASAO) 11 September 2001 (2001-09-11) abstract; figures 1,4 column 1, line 22 - line 48 column 2, line 21 - line 47 ---	1-31
A	US 2001/042136 A1 (GUEDALIA DAVID ET AL) 15 November 2001 (2001-11-15) page 1, paragraph 6 --- -/--	1-31



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Patent family members are listed in annex.

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Date of the actual completion of the international search

16 February 2004

Date of mailing of the international search report

24/02/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	LUCKHARDT N: "PASSWORT PORTFOLIO" CT MAGAZIN FUER COMPUTER TECHNIK, VERLAG HEINZ HEISE GMBH., HANNOVER, DE, no. 13, 21 June 1999 (1999-06-21), page 72 XP000828972 ISSN: 0724-8679 page 1	1-31
X	US 6 405 315 B1 (CHRON EDWARD GUSTAV ET AL) 11 June 2002 (2002-06-11) abstract column 8, line 30 - line 43	1-31

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US 6289105	B1	11-09-2001	JP	9046330 A	14-02-1997
US 2001042136	A1	15-11-2001	NONE		
US 6405315	B1	11-06-2002	NONE		