

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
24 July 2003 (24.07.2003)

PCT

(10) International Publication Number  
**WO 2003/061191 A3**

(51) International Patent Classification<sup>7</sup>: **H04L 9/08**, 29/06

(21) International Application Number:  
PCT/US2002/040783

(22) International Filing Date:  
20 December 2002 (20.12.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
10/037,153 21 December 2001 (21.12.2001) US

(71) Applicant: **SCHLUMBERGER OMNES, INC.**  
[US/US]; 5599 San Felipe, Suite 400, Houston, TX 77056  
(US).

(72) Inventors: **LAM, Chui-Shan Teresa**; 3411 Walnut Bend,  
#431, Houston, TX 77042 (US). **SYED, Jameel ur Rah-**  
**man**; 2532 Yorktown, Apt. 44, Houston, TX 77056 (US).

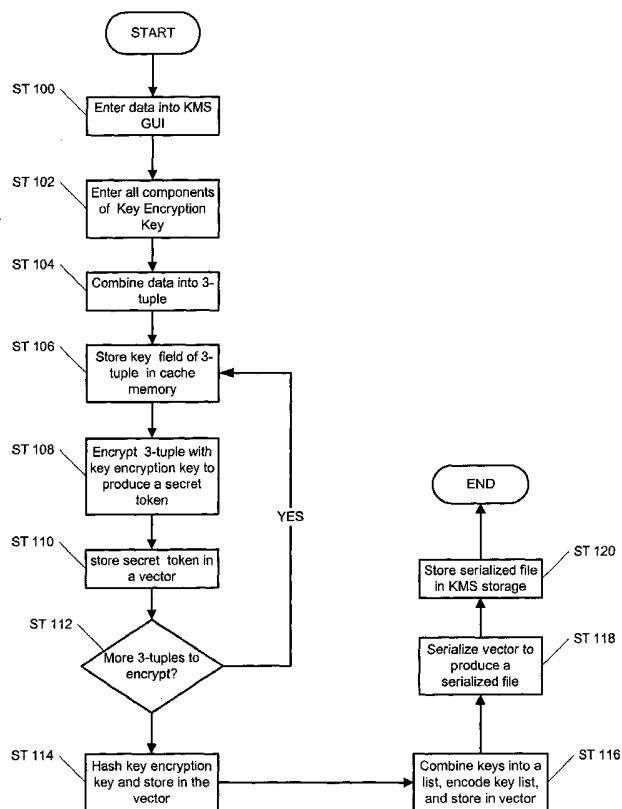
(74) Agent: **OSHA, Jonathan P.**; ROSENTHAL & OSHA  
L.L.P., 1221 McKinney Street, Suite 2800, Houston, TX  
77010 (US).

(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,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,  
SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, 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, IE, IT, LU, MC, NL, PT, SE, SI, SK,  
TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR INITIALIZING A KEY MANAGEMENT SYSTEM



(57) Abstract: A network system for key management including a server, a key management system providing process logic for key management system initialization located on the server, a key management system storage providing a secure data storage for the key management system, and an interface providing a means for inputting data into the key management system.

WO 2003/061191 A3



**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

*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.*

**Published:**

- *with international search report*

**(88) Date of publication of the international search report:**

4 March 2004

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 02/40783

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L9/08 H04L29/06

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 H04L 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

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/026619 A1 (HESS PENNINGTON J ET AL) 4 October 2001 (2001-10-04)	1-17
A	figures 2,3,4A page 3, paragraph 43 page 4, paragraphs 47,50-54 page 5, paragraph 62 page 6, paragraphs 70,79	18-28
A	US 2001/019614 A1 (MADOUKH ASHRAF) 6 September 2001 (2001-09-06) abstract; figures 1,3,4,8,9,11 page 1, paragraph 6 page 2, line 9-12 page 3, paragraphs 35,36 page 4, paragraphs 42-47,52 -page 5 page 6, paragraph 54 - paragraph 56 page 7, paragraphs 63,64	2-16, 18-28

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

17 July 2003

Date of mailing of the international search report

29/07/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Figiel, B

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 02/40783

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2001026619 A1	04-10-2001	US 6442690 B1	27-08-2002
		AU 1448800 A	15-05-2000
		AU 2020300 A	15-05-2000
		CA 2347176 A1	04-05-2000
		CA 2347211 A1	04-05-2000
		EP 1131912 A1	12-09-2001
		EP 1121780 A1	08-08-2001
		JP 2002529008 T	03-09-2002
		JP 2002529012 T	03-09-2002
		WO 0025473 A1	04-05-2000
		WO 0025466 A1	04-05-2000
		US 6212280 B1	03-04-2001
		US 2002126849 A1	12-09-2002
US 2001019614 A1	06-09-2001	AU 1320602 A	06-05-2002
		WO 0235329 A2	02-05-2002
		US 2003021417 A1	30-01-2003