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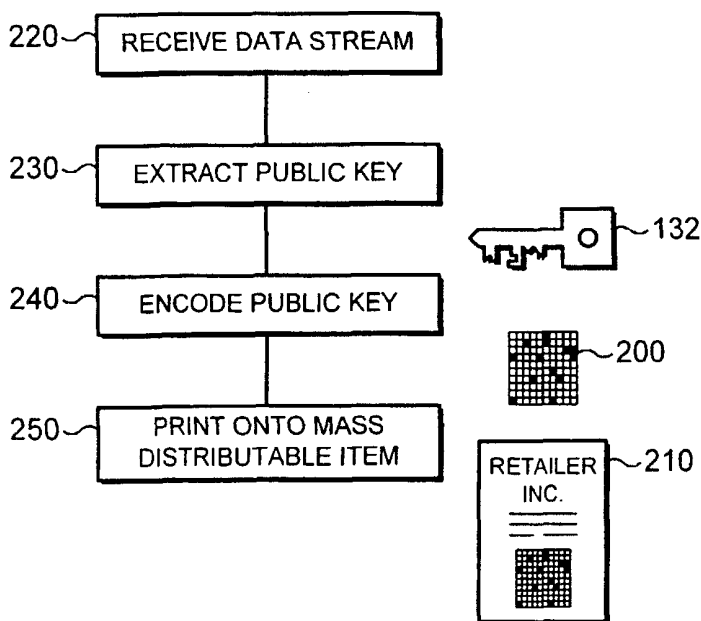
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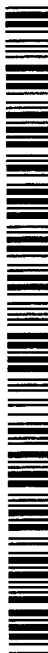
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[Continued on next page]

(54) Title: DISTRIBUTING PUBLIC KEYS



(57) Abstract: A secure method and system for distributing and verifying encryption and decryption keys as used in any public key encryption scheme to provide authenticity and confidentiality. The public key is encoded in accordance with a 2-D barcode symbology and printed onto a mass produced item for distribution. A value critical amount, such as the value on a purchase receipt, may be encoded together with the public key. The public key is obtained by taking an image of the encoded 2-D barcode and decoding the image into a public key and value critical amount, if any. The public key is extracted and may be stored in an Internet web browser facility by a customer for use in a second on-line transaction. The value critical amount may be displayed on screen to enable a verification to be carried out by the customer that the public key has been correctly generated.



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INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 01/04827

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L9/30 H04L9/08

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

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)

WPI Data, PAJ, EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 818 937 A (WATSON GARY E) 6 October 1998 (1998-10-06) column 4, line 41 - line 50	1-3,8,9, 11
A	column 5, line 45 - line 50 ---	23
P,X	EP 1 128 597 A (ERICSSON TELEFON AB L M) 29 August 2001 (2001-08-29) abstract ---	1,2,5
P,X	US 6 212 504 B1 (HAYOSH THOMAS DAVID) 3 April 2001 (2001-04-03) abstract ---	1-3,7,11
A	US 6 116 402 A (BEACH KIRK ET AL) 12 September 2000 (2000-09-12) column 3, line 27 - line 41 column 8, line 6 - line 51 column 10, line 23 - line 30 ---	7,19
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Patent family members are listed in annex.

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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	US 6 134 327 A (VAN OORSCHOT PAUL C) 17 October 2000 (2000-10-17) column 5, line 15 - line 23 column 5, line 51 - line 55; figure 5 -----	4,6,10, 17

INTERNATIONAL SEARCH REPORT

Information on patent family members

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