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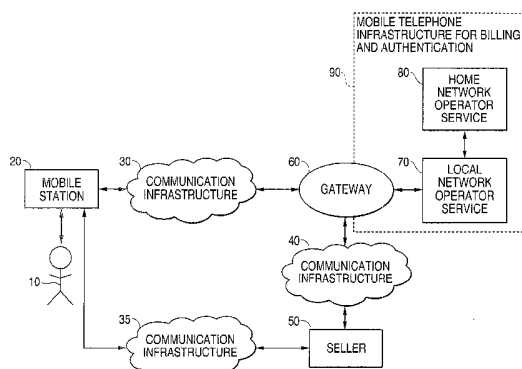
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(54) Title: SYSTEM AND METHOD OF BOOTSTRAPPING A TEMPORARY PUBLIC -KEY INFRASTRUCTURE FROM A CELLULAR TELECOMMUNICATION AUTHENTICATION AND BILLING INFRASTRUCTURE



(57) Abstract: A system, method and computer program for ordering, paying for and delivering goods and services through the use of certificates. These certificates insure that the buyer is only billed once for the good or service purchased and only for the correct amount. This system, method and computer program employs the authentication center used to enable access to a telecommunication infrastructure to bootstrap a public-key infrastructure. This system, method and computer program will validate the identity of the mobile station being used utilizing log term keys stored in the mobile station and an authentication center. The system, method and computer program will then utilize these keys and variables to generate digital certificates and signatures which enable the purchase of goods and services using a mobile station. The gateway will then verify the authenticity of any charges made based on the digital certificates and signatures received. Thus, a user of this system, method and computer program can purchase goods and services without fear of fraud or errors. This mobile station may be a cellular phone and when used with this system, method and computer program the cellular phone may be used similarly to a credit card but with the advantage of little possibility of fraud or error.

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INTERNATIONAL SEARCH REPORT

International Application No  
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**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G07F19/00

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 H04M H04Q H04L G07B G07F

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	FR 2 779 896 A (SRF SA) 17 December 1999 (1999-12-17) abstract page 1, line 11 - line 16 page 3, line 15 -page 4, line 21 page 5, line 3 -page 6, line 21 page 12, line 11 - line 29 page 13, line 13 -page 14, line 30 claims 1-22; figures 1,5	1-23
X	US 6 084 969 A (BROOK CHRISTOPHER T ET AL) 4 July 2000 (2000-07-04) claims 25-43; figures 1-10	1-23
A	WO 97 45814 A (VAZVAN BEHRUZ) 4 December 1997 (1997-12-04) the whole document	1-23

Further documents are listed in the continuation of box C.  Patent family members are listed in annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"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
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"P" document published prior to the international filing date but later than the priority date claimed	

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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 <b>Mennerun, S</b>
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