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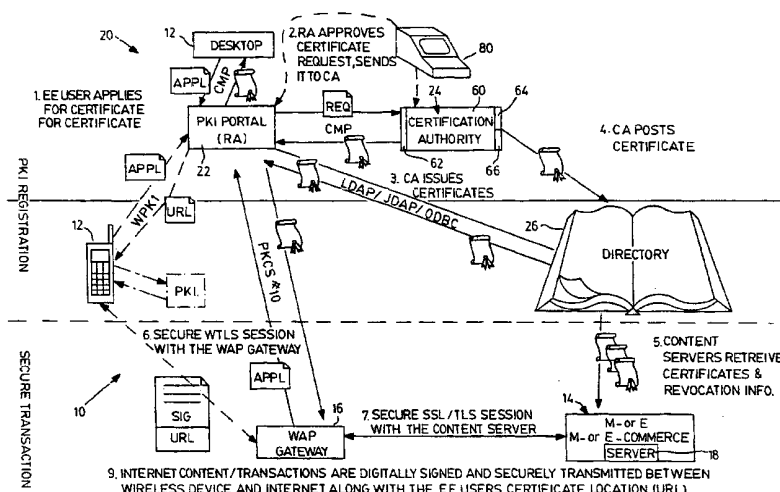
2,296,220	17 January 2000 (17.01.2000)	CA
60/260,892	12 January 2001 (12.01.2001)	US
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(54) Title: CUSTOMIZED PUBLIC KEY INFRASTRUCTURE AND DEVELOPING TOOL



(57) Abstract: A public key infrastructure comprises a client side to request and utilize certificates in communication across a network and a server side to administer issuance and maintenance of said certificates. The server side has a portal to receive requests for a certificate from a client. A first policy engine to processes such requests in accordance with a set of predefined protocols. A certification authority is also provided to generate certificates upon receipt of a request from the portal. The CA has a second policy engine to implement a set of predefined policies in the generation of a certificate. Each of the policy engines includes at least one policy configured as a software component, e.g. a Java bean, to perform the discreet functions associated with the policy and generate notification in response to a change in state upon completion of the policy. A public key infrastructure according to claim 1 wherein said one policy is responsive to notification of a change in state from another policy in said policy engine.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 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

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.
P,A	US 6 108 788 A (MOSES TIMOTHY ET AL) 22 August 2000 (2000-08-22) column 2, line 40 - line 51; claim 1 -----	1,2

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

° Special categories of cited documents :

<p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*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)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p>	<p>*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</p> <p>*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</p> <p>*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.</p> <p>*&* document member of the same patent family</p>
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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 Veen, G
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US 6108788	A	NONE	