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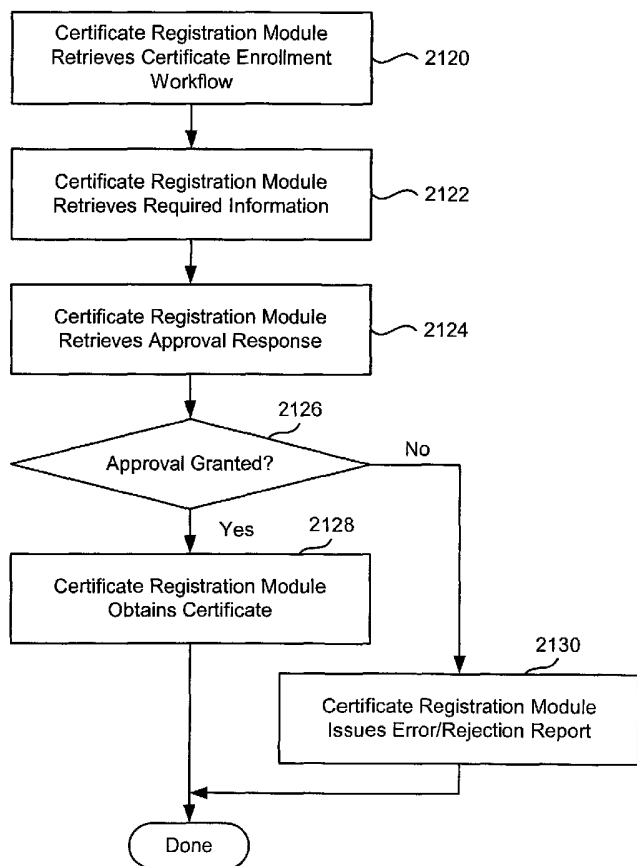
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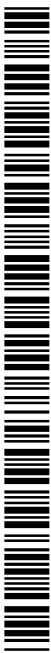
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[Continued on next page]

(54) Title: USING AN IDENTITY SYSTEM FOR MANAGING ELECTRONIC CERTIFICATES



(57) Abstract: An identity system manages certificates related actions for organization members and affiliates. Examples of certificate related actions include certificate enrollment, renewal, and revocation. The identity System maintains and employs different certificate related workflows for different organization members and affiliates. After receiving a request for a certificate related action, the identity system retrieves a workflow (2120) for responding to the request. The identity system selects the workflow from a plurality of workflows for responding (2124) to the type of certificate related action being requested. Each workflow in the plurality corresponds to a different set of user characteristics (2122). The identity system selects the workflow that corresponds to the requested certificate related action, as well as the type of user for which the request is made.



WO 02/052379 A3



European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/50067

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 17/60; H04K 1/00; H04L 9/00
 US CL : 705/76

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)
 U.S. : 705/76

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 practicable, search terms used)
 Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,903,882 (ASAY et al) 11 May 1999 (11.05.1999), see entire document.	1-52
X,P	US 6,223,291 B1 (PUHL et al) 24 April 2001 (24.04.2001), see entire document.	1-52
X,E	US 6,367,013 B1 (BISBEE et al) 02 April 2002 (02.04.2002), see entire document.	1-52

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"E" earlier application or patent published on or after the international filing date	"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
"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)	"&" document member of the same patent family
"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	

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/50067

Continuation of Item 4 of the first sheet:

Title is vague and unclear.

NEW TITLE:

USING AN IDENTITY SYSTEM FOR MANAGING ELECTRONIC CERTIFICATES

Continuation of B. FIELDS SEARCHED Item 3:

yahoo, google

search terms: electronic certificate renewal enrollment registration identity system