(54) Title: METHOD AND SYSTEM FOR WEB-BASED CROSS-DOMAIN SINGLE-SIGN-ON AUTHENTICATION

(57) Abstract: A method, system, or computer program product is presented for cross-domain, single-sign-on, authentication functionality. The methodology uses an introductory authentication token to introduce an already authenticated user from one domain to a new domain. This token is passed from one domain to the other domain using HTTP-redirection. This token is protected by encryption with a cryptographic key shared only between the two domains in a secure manner such that an external user cannot generate a counterfeit introductory token. An introductory token is further protected by enabling it with a limited lifetime so that an unauthorized user would not be able to use or reuse the introductory token within the token's lifetime. After a user has been introduced to a new security domain, all of the user's resource requests are authorized by the new domain.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F 1/00

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 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, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<td>EP 0 940 960 A (HEWLETT PACKARD CO) 8 September 1999 (1999–09–08)</td>
<td>1–8, 12–19, 23–30</td>
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<td>column 1–2, paragraphs 6–8</td>
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X Patent family members are listed in annex.

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Date of the actual completion of the international search
21 May 2003

Date of mailing of the international search report
10/06/2003

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            Retrieved from the Internet:  
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