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(21) International Application Number: PCT/IB99/01452 (22) International Filing Date: 30 July 1999 (30.07.99) (30) Priority Data: 09/132,672 12 August 1998 (12.08.98) US (71) Applicant: KYBERPASS CORPORATION [CA/CA]; Suite 110, One Antares Drive, Nepean, Ontario K2E 8C4 (CA). (72) Inventor: HAVERTY, Rand; Kyberpass Corporation, Suite 110, One Antares Drive, Nepean, Ontario K2E 8C4 (CA). (74) Agents: SEAS, Robert, J. et al.; Sughrue, Mion, Zinn, Macpeak & Seas, PLLC, Suite 800, 2100 Pennsylvania Avenue, N.W., Washington, DC 20037-3202 (US).		(81) Designated States: AU, CA, CN, JP, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: ACCESS CONTROL USING ATTRIBUTES CONTAINED WITHIN PUBLIC KEY CERTIFICATES (57) Abstract In Public Key Infrastructure ("PKI") applications, a key pair (public key and private key) is used to provide strong authentication and encryption services. The key pair is associated with the user by the use of a "certificate," which contains the user's public key as well as attributes associated with that user. This invention relates to the use of these attributes to control the access to a protected resource given to authenticated users. The attributes within a user's public key certificate are filtered by an attribute filter referenced by the proxy definition in order to control access to a protected resource. Further limitation of access to a protected resource is accomplished by association with server input and output addresses.		