

Title (en)

SECURITY APPARATUS AND METHOD FOR PROTECTING ACCESS TO LOCAL AREA NETWORKS

Title (de)

SICHERHEITSVORRICHTUNG UND SCHUTZVERFAHREN FÜR DEN ZUGANG ZU LOKALEN NETZWERKEN (LAN)

Title (fr)

APPAREIL ET PROCEDE DE SECURITE POUR PROTEGER L'ACCES AU RESEAUX LOCAUX

Publication

EP 1588261 A1 20051026 (EN)

Application

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Priority

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Abstract (en)

[origin: WO2004025472A1] A method and apparatus for controlling data link layer access to protected servers (16) on a computer network (12) by a client device (24). Address resolution requests broadcast on the network (12) by the client device (24) seeking access to any network device are received and then processed to determine whether the client device (24) is unknown. If the client device (24) is unknown, restriction address resolution replies are transmitted to the protected devices to restrict access by the client device (24) to the protected devices and allow access to an authentication server (18). The authentication server (18) is monitored to determine if the client device (24) is authorized or unauthorized by the authentication server (18). If the client device (24) is authorized, access is allowed to the protected devices. If the client device (24) is unauthorized, blocking address resolution replies are transmitted on the computer network (12) to block access by the client device (24) to all other network devices.

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