

Title (en)

END-USER AUTHENTICATION INDEPENDENT OF NETWORK SERVICE PROVIDER

Title (de)

BENUTZERAUTHENTIFIZIERUNG UNABHÄNGIG VON NETZDIENSTLEISTER

Title (fr)

AUTHENTIFICATION D'UN UTILISATEUR FINAL BASEE SUR LA BOITE A OUTILS D'APPLICATION DU MODULE D'IDENTIFICATION D'ABONNE (SAT), INDEPENDANTE DU FOURNISSEUR DE SERVICES

Publication

EP 1314278 A2 20030528 (EN)

Application

EP 01961535 A 20010824

Priority

- SE 0101814 W 20010824
- US 65136400 A 20000830

Abstract (en)

[origin: WO0219593A2] A system and method for verifying the identity of an end-user. The end-user requests to access an external application. The external application sends an authentication request to an authentication server, which generates a random token. The generated token is transmitted to the end-user. The end-user enters the generated token and a personal identification number into a cellular terminal connected to a GSM network. At least the token is encrypted using a secret key stored within the cellular terminal and transmitted through the GSM network to an authentication gateway. The token is decrypted by the authentication gateway using either the same secret key or a key matched to the secret key. The token is then transmitted to the authentication server where the received key is compared to the generated key. The results of the comparison are transmitted to the external application.

IPC 1-7

H04L 9/32; **H04Q 7/24**; **H04L 29/06**

IPC 8 full level

H04L 29/06 (2006.01); **H04W 12/06** (2009.01)

CPC (source: EP US)

H04L 63/0853 (2013.01 - EP US); **H04L 63/18** (2013.01 - EP); **H04W 12/068** (2021.01 - EP US); **H04W 12/069** (2021.01 - EP US)

Citation (search report)

See references of WO 0219593A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0219593 A2 20020307; **WO 0219593 A3 20020906**; AU 8279501 A 20020313; EP 1314278 A2 20030528

DOCDB simple family (application)

SE 0101814 W 20010824; AU 8279501 A 20010824; EP 01961535 A 20010824