

Title (en)  
NETWORK AGENT PASSWORD STORAGE AND RETRIEVAL SCHEME

Title (de)  
NETZAGENT-PASSWORTSPEICHERUNGS- UND ABRUFVERFAHREN

Title (fr)  
MEMORISATION DU MOT DE PASSE AGENT RESEAU ET SCHEMA DE RECUPERATION

Publication  
**EP 1290531 A2 20030312 (EN)**

Application  
**EP 01941359 A 20010607**

Priority  
• SE 0101285 W 20010607  
• US 58828500 A 20000607

Abstract (en)  
[origin: WO0195072A2] A password storage and retrieval system (8) for secure authentication and management of network agents (10). The password storage and retrieval system (8) includes a memory unit (18) and, in a network agent (10), a decryptor (12), an encryptor (14), and an encryption key (16). The decryptor (12) uses a symmetrical algorithm and an encryption key (16) to decrypt an encrypted password related to the network agent (10) to thereby obtain a decrypted password. The same symmetrical algorithm was previously used to encrypt the password with the key and store the encrypted password. In a preferred embodiment of the invention, the encryption key (16) is hard-coded in the network agent (10), and the memory unit (18) for the encrypted password is a designated directory easily accessible to the network agent (10). An obvious advantage of this invention is that in order to break through the system, a person would need to obtain at least two pieces of information; that is, the encryption key (16) and the encrypted password.

IPC 1-7  
**G06F 1/00**; **H04L 29/06**

IPC 8 full level  
**G06F 21/00** (2006.01); **G06F 21/34** (2013.01); **G06F 21/73** (2013.01); **G06F 21/85** (2013.01); **H04L 29/06** (2006.01)

CPC (source: EP)  
**G06F 21/34** (2013.01); **G06F 21/73** (2013.01); **G06F 21/85** (2013.01); **H04L 63/04** (2013.01); **H04L 63/083** (2013.01); **G06F 2211/007** (2013.01)

Citation (search report)  
See references of WO 0195072A2

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 0195072 A2 20011213**; **WO 0195072 A3 20020425**; AU 7471901 A 20011217; EP 1290531 A2 20030312

DOCDB simple family (application)  
**SE 0101285 W 20010607**; AU 7471901 A 20010607; EP 01941359 A 20010607