

Title (en)
AUTHENTICATION SYSTEM AND METHOD BASED UPON RANDOM PARTIAL DIGITIZED PATH RECOGNITION

Title (de)
AUTHENTIFIKATIONSSYSTEM UND -VERFAHREN AUF DER BASIS VON ZUFÄLLIGER TEILWEISE DIGITALISierter WEGERKENNUNG

Title (fr)
SYSTEME ET PROCEDE D'AUTHENTIFICATION FONDE SUR LA RECONNAISSANCE D'UN CHEMIN NUMERISE PARTIEL ALEATOIRE

Publication
EP 1794923 A4 20101229 (EN)

Application
EP 04783539 A 20040909

Priority
US 2004029321 W 20040909

Abstract (en)
[origin: WO2006031212A1] An authentication server (1030) provides a clue to a client (1010) indicating a random partial subset of a full pattern that characterizes a full digitized path on a frame of reference, and the client enters a data to fulfill an authentication factor suggested by the clue. The full pattern consists of an ordered set of data fields, which store parameters that specify the full digitized path on a reference grid for recognition. The server presents an instance of a graphical representation of the frame of reference, including an array of random indicators at data field coordinates in the frame of reference (3050). The server accepts indicators from the array of indicators at data field coordinates in the frame of reference. The server accepts indicators from the array of indicators corresponding to coordinates along said digitized path identified by the random partial subset as input data to fulfill the authentication factor.

IPC 8 full level
G06F 21/36 (2013.01); **G06F 21/83** (2013.01); **H04L 9/00** (2006.01)

CPC (source: EP)
G06F 21/36 (2013.01); **G06F 21/83** (2013.01); **H04L 63/083** (2013.01)

Citation (search report)

- [I] EP 0901060 A2 19990310 - FUJITSU LTD [JP]
- [I] US 5608387 A 19970304 - DAVIES JOHN H E [GB]
- See references of WO 2006031212A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006031212 A1 20060323; AU 2004323374 A1 20060323; AU 2004323374 B2 20080828; CA 2579826 A1 20060323; CA 2579826 C 20121218; CN 101057444 A 20071017; CN 101057444 B 20120229; EP 1794923 A1 20070613; EP 1794923 A4 20101229; HK 1113525 A1 20081003; JP 2008512765 A 20080424

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