

Title (en)

BEHAVIOMETRIC SIGNATURE AUTHENTICATION SYSTEM AND METHOD

Title (de)

SYSTEM UND VERFAHREN ZUR VERHALTENSSIGNATURAUTHENTIFIZIERUNG

Title (fr)

SYSTÈME ET PROCÉDÉ D'AUTHENTIFICATION DE SIGNATURE BIOMÉTRIQUE ET COMPORTEMENTALE

Publication

EP 2973214 A1 20160120 (EN)

Application

EP 14716637 A 20140313

Priority

- GB 201304602 A 20130314
- IB 2014000354 W 20140313

Abstract (en)

[origin: GB2511812A] A set of sampled data points, associated with a different position along the signature are compared with a set of characterising nodes in a pre-stored user profile. If each identified characterising node lies within a predetermined threshold range of a corresponding predetermined characterising node then a positive verification is made. The data points may comprise a time component relating to the interval between a data point and an adjacently located sample data point, or a distance of separation between nodes, or a vector of both time and spatial components. Optimisation matching may be used, to select the highest correlation with stored signature profiles, and to authorize a financial transaction remotely. A hash may be taken to ensure that the new signature is unique.

IPC 8 full level

G06K 9/00 (2006.01)

CPC (source: EP GB)

G06F 21/32 (2013.01 - GB); **G06V 40/37** (2022.01 - EP); **G06V 40/382** (2022.01 - GB)

Citation (search report)

See references of WO 2014140768A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

GB 201304602 D0 20130501; **GB 2511812 A 20140917**; **GB 2511812 B 20150708**; CN 105518703 A 20160420; EP 2973214 A1 20160120; GB 201508843 D0 20150701; GB 2523924 A 20150909; GB 2523924 B 20160914; WO 2014140768 A1 20140918

DOCDB simple family (application)

GB 201304602 A 20130314; CN 201480027270 A 20140313; EP 14716637 A 20140313; GB 201508843 A 20130314; IB 2014000354 W 20140313