

Title (en)

IDENTIFICATION, VERIFICATION, AND RECOGNITION METHOD AND SYSTEM

Title (de)

VERFAHREN UND SYSTEM ZUR IDENTIFIKATION, VERIFIKATION, ERKENNUNG UND WIEDERERKENNUNG

Title (fr)

PROCEDE ET SYSTEME D'IDENTIFICATION, DE VERIFICATION ET DE RECONNAISSANCE

Publication

**EP 1730666 A1 20061213 (DE)**

Application

**EP 05716298 A 20050322**

Priority

- EP 2005003049 W 20050322
- DE 102004014875 A 20040329
- DE 102004039937 A 20040818

Abstract (en)

[origin: WO2005093637A1] The invention relates to the field of identification and verification of living beings with the aid of the form, shape, contour, silhouette, surface structure, color, and characteristics especially of sets of teeth, individual teeth, tooth parts, and the relation thereof to the facial and body structures surrounding the same. Systems that are suitable for recording said person-related characteristics are based on detection by means of laser, a camera, sensor, image, color, etc., for example. Disclosed are a series of possibilities and constructions on how a "dental fingerprint" can be detected so as to generate data. The invention does away with problems inherent to previous systems in this field as a result of the great advantage created by the independence of the teeth from facial expressions. The detection of the surface is to indicate whether a being is alive or dead. The inventive method and system can be used wherever the identity of a person has to be proven in order to grant access or control, for example. Potential users include the bank sector, computer security, e-commerce, public authorities, enterprises, the health sector, telecommunication, and private entities.

IPC 8 full level

**G06K 9/00** (2006.01)

CPC (source: EP US)

**G06V 40/16** (2022.01 - EP US)

Citation (search report)

See references of WO 2005093637A1

Cited by

CN112006791A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005093637 A1 20051006**; CA 2600938 A1 20051006; EP 1730666 A1 20061213; US 2007183633 A1 20070809

DOCDB simple family (application)

**EP 2005003049 W 20050322**; CA 2600938 A 20050322; EP 05716298 A 20050322; US 59386305 A 20050322