

Title (en)

FACIAL SIGNATURE METHODS, SYSTEMS AND SOFTWARE

Title (de)

VERFAHREN, SYSTEME UND SOFTWARE FÜR GESICHTSSIGNATUR

Title (fr)

PROCÉDÉS, SYSTÈMES ET LOGICIEL DE SIGNATURE FACIALE

Publication

EP 3295372 A4 20190612 (EN)

Application

EP 16793565 A 20160512

Priority

- US 201562160563 P 20150512
- US 2016023433 W 20160321
- US 2016032213 W 20160512

Abstract (en)

[origin: WO2016183380A1] Methods, systems and computer program products ("software") enable a virtual three- dimensional visual experience (referred to herein as " V3D") in videoconferencing and other applications; the capturing, processing and displaying of images and image streams; and generation of a facial signature based on images of a given human user's or subject's face, or lace and head, for accurate, reliable identification or authentication of a human user or subject, in a secure, difficult to forge manner.

IPC 8 full level

G06K 9/00 (2006.01); **G06K 9/62** (2006.01)

CPC (source: EP US)

G06V 10/758 (2022.01 - EP US); **G06V 40/172** (2022.01 - EP US)

Citation (search report)

- [IAY] US 2004223630 A1 20041111 - WAUPOTITSCH ROMAN [US], et al
- [A] "Encyclopedia of Biometrics", 1 January 2009, SPRINGER US, Boston, MA, ISBN: 978-0-387-73003-5, article CHIN-HUNG TENG ET AL: "Liveness Assurance in Face Authentication", pages: 908 - 916, XP055296704, DOI: 10.1007/978-0-387-73003-5_67
- [Y] BHAT D N ET AL: "Stereo in the presence of specular reflection", COMPUTER VISION, 1995. PROCEEDINGS., FIFTH INTERNATIONAL CONFERENCE ON CAMBRIDGE, MA, USA 20-23 JUNE, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 20 June 1995 (1995-06-20), pages 1086 - 1092, XP010146946, ISBN: 978-0-8186-7042-8, DOI: 10.1109/ICCV.1995.466813
- [A] "Serious Games", vol. 1206, 1 January 1997, SPRINGER INTERNATIONAL PUBLISHING, Cham, ISBN: 978-3-642-15171-2, ISSN: 0302-9743, article SHIZUO SAKAMOTO ET AL: "A multiple-baseline stereo for precise human face acquisition", pages: 419 - 428, XP055538389, DOI: 10.1007/BFb0016023
- [A] M. HUSKEN ET AL: "Strategies and Benefits of Fusion of 2D and 3D Face Recognition", PROCEEDINGS / 2005 IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, CVPR 2005 : [20 - 25 JUNE 2005, SAN DIEGO, CA], vol. 3, 20 June 2005 (2005-06-20), Piscataway, NJ, USA, pages 174 - 174, XP055539324, ISBN: 978-0-7695-2372-9, DOI: 10.1109/CVPR.2005.584
- See references of WO 2016183380A1

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

DOCDB simple family (publication)

WO 2016183380 A1 20161117; EP 3295372 A1 20180321; EP 3295372 A4 20190612

DOCDB simple family (application)

US 2016032213 W 20160512; EP 16793565 A 20160512