

(12) International Application Status Report

Received at International Bureau: 21 November 2017 (21.11.2017)

Information valid as of: 04 February 2019 (04.02.2019)

Report generated on: 20 July 2019 (20.07.2019)

(10) Publication number:

WO2019/033571

(43) Publication date:

21 February 2019 (21.02.2019)

(26) Publication language:

Chinese (ZH)

(21) Application Number:

PCT/CN2017/108750

(22) Filing Date:

31 October 2017 (31.10.2017)

(25) Filing language:

Chinese (ZH)

(31) Priority number(s):

201710709109.6 (CN)

(31) Priority date(s):

17 August 2017 (17.08.2017)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

G06K 9/00 (2006.01)

(71) Applicant(s):

PING AN TECHNOLOGY (SHENZHEN) CO., LTD. [CN/CN]; WU, Dongqin Ping An Building, Bagua 3rd Road, Bagualing, Futian District Shenzhen, Guangdong 518000 (CN) *(for all designated states)*

(72) Inventor(s):

CHEN, Lin; WU, Dongqin Ping An Building, Bagua 3rd Road, Bagualing, Futian District Shenzhen, Guangdong 518000 (CN)
ZHANG, GuoHui; WU, Dongqin Ping An Building, Bagua 3rd Road, Bagualing, Futian District Shenzhen, Guangdong 518000 (CN)

(74) Agent(s):

SHENZHEN WORLD INTELLECTUAL PROPERTY AGENCY (GENERAL PARTNERSHIP); YU, Zhiguang Room 1528-1530, Zhonghao Building, No.10 of Bagua Fourth Road, Yuanling Street, Futian District Shenzhen, Guangdong 518000 (CN)

(54) Title (EN): FACIAL FEATURE POINT DETECTION METHOD, APPARATUS AND STORAGE MEDIUM

(54) Title (FR): PROCÉDÉ DE DÉTECTION DE POINT DE CARACTÉRISTIQUE FACIALE, APPAREIL ET SUPPORT DE STOCKAGE

(54) Title (ZH): 面部特征点检测方法、装置及存储介质

(57) Abstract:

(EN): A facial feature point detection method, an electronic apparatus and a computer readable storage medium. The method comprises: capturing a real-time image via an imaging apparatus, and extracting a real-time facial image from the real-time image via a human face identification algorithm; inputting the real-time facial image to a pre-trained facial average model, and identifying t facial feature points from the real-time facial image via the facial average model.

(FR): La présente invention concerne un procédé de détection de point de caractéristique faciale, un appareil électronique et un support de stockage lisible par ordinateur. Le procédé consiste à : capturer une image en temps réel par l'intermédiaire d'un appareil d'imagerie, et extraire une image faciale en temps réel à partir de l'image en temps réel par l'intermédiaire d'un algorithme d'identification de visage humain; entrer l'image faciale en temps réel sur un modèle moyen facial pré-entraîné, et identifier des points de caractéristique faciale t à partir de l'image faciale en temps réel par l'intermédiaire du modèle moyen facial.

(ZH): 一种面部特征点检测方法、电子装置及计算机可读存储介质,该方法包括:利用摄像装置拍摄得到一张实时图像,利用人脸识别算法从该实时图像中提取一张实时脸部图像;将该实时脸部图像输入预先训练好的面部平均模型,利用该面部平均模型从该实时脸部图像中识别出t个面部特征点。

International search report:

Received at International Bureau: 10 May 2018 (10.05.2018) [CN]

International Report on Patentability (IPRP) Chapter II of the PCT:

Not available

(81) Designated States:

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

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

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM