

Title (en)

ORAL CARE BASED DIGITAL IMAGING SYSTEMS AND METHODS FOR DETERMINING PERCEIVED ATTRACTIVENESS OF FACIAL IMAGE PORTION

Title (de)

AUF MUNDPFLEGE BASIERENDE DIGITALE BILDGEBUNGSSYSTEME UND VERFAHREN ZUR BESTIMMUNG DES WAHRGENOMMENEN ATTRAKTIVITÄT EINES GESICHTSBILDTEILS

Title (fr)

SYSTÈMES D'IMAGERIE NUMÉRIQUE BASÉS SUR DES SOINS BUCCAUX ET PROCÉDÉS DE DÉTERMINATION DE CARACTÈRE ATTRAYANT PERÇU D'UNE PARTIE D'IMAGE DE VISAGE

Publication

EP 4162447 A1 20230412 (EN)

Application

EP 20938571 A 20200604

Priority

CN 2020094342 W 20200604

Abstract (en)

[origin: WO2021243640A1] Oral care based imaging computer-implemented systems and methods for determining perceived attractiveness of a facial image portion of at least one person depicted in a digital image. The method has the following steps: a)obtaining a digital image comprising at least one oral feature of at least one person, wherein the digital image includes a facial image portion of the at least one person, the facial image portion having both positive and negative attributes as defined by pixel data of the digital image; b)analyzing the facial image portion; c)generating an Attractiveness Score indicative of a perceived attractiveness of the facial image portion based on the analyzed facial image portion in the obtained digital image; d)further generating an image description that identifies at least one area in said facial image portion based on the Attractiveness Score; and e)presenting the image description to a user.

IPC 8 full level

G06T 7/40 (2006.01)

CPC (source: EP)

G06T 7/0012 (2013.01); **G06V 10/82** (2022.01); **G06V 40/16** (2022.01); **G06V 40/165** (2022.01); **G06V 40/179** (2022.01); **G06T 2207/30036** (2013.01); **G06T 2207/30201** (2013.01)

Citation (search report)

See references of WO 2021243640A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2021243640 A1 20211209; CN 115668279 A 20230131; EP 4162447 A1 20230412

DOCDB simple family (application)

CN 2020094342 W 20200604; CN 202080101672 A 20200604; EP 20938571 A 20200604