

Title (en)

A FACE POSE RECTIFICATION METHOD AND APPARATUS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BERICHTIGUNG VON GESICHTSPOSEN

Title (fr)

PROCÉDÉ ET APPAREIL DE RECTIFICATION DE POSE DE VISAGE

Publication

EP 3198522 A1 20170802 (EN)

Application

EP 14772329 A 20140923

Priority

EP 2014070282 W 20140923

Abstract (en)

[origin: WO2016045711A1] A pose rectification method for rectifying a pose in data representing face (100) images, comprising the steps of: A-acquiring a least one test frame including 2D near infrared image data, 2D visible light image data, and a depth map; C-estimating the pose of a face in said test frame by aligning said depth map with a 3D model of a head of known orientation; D-mapping at least one of said 2D image on the depth map, so as to generate textured image data; E-projecting the textured image data in 2D so as to generate data representing a pose-rectified 2D projected image.

IPC 8 full level

G06K 9/00 (2006.01); **G06T 7/00** (2017.01)

CPC (source: EP KR)

G06T 7/50 (2016.12 - KR); **G06T 7/70** (2016.12 - EP KR); **G06V 20/653** (2022.01 - EP KR); **G06V 40/16** (2022.01 - EP KR); **G06T 2207/10024** (2013.01 - EP KR); **G06T 2207/10028** (2013.01 - EP KR); **G06T 2207/10048** (2013.01 - EP KR); **G06T 2207/20068** (2013.01 - EP KR); **G06T 2207/20182** (2013.01 - KR); **G06T 2207/30201** (2013.01 - KR)

Citation (search report)

See references of WO 2016045711A1

Citation (examination)

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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

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BA ME

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DOCDB simple family (application)

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