

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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CN108052912A

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

DOCDB simple family (publication)

**WO 2016045711 A1 20160331**; EP 3198522 A1 20170802; KR 20170092533 A 20170811

DOCDB simple family (application)

**EP 2014070282 W 20140923**; EP 14772329 A 20140923; KR 20177010873 A 20140923