

Title (en)

METHOD OF STEREOSCOPIC 3D IMAGE CAPTURE AND VIEWING

Title (de)

VERFAHREN ZUM AUFNAHMEN UND ANZEIGEN STEREOSKOPISCHER 3D-BILDER

Title (fr)

PROCÉDÉ DE CAPTURE ET DE VISUALISATION D'IMAGES 3D STÉRÉOSCOPIQUES

Publication

EP 2394195 A2 20111214 (EN)

Application

EP 10739079 A 20100203

Priority

- US 2010023091 W 20100203
- US 14966609 P 20090203
- US 14965109 P 20090203
- US 18284509 P 20090601
- US 21806909 P 20090618
- US 25173909 P 20091015

Abstract (en)

[origin: WO2010091113A2] A system, apparatus, method, and computer-readable media are provided for the capture of stereoscopic three dimensional (3D) images using multiple cameras or a single camera manipulated to deduce stereoscopic data. According to one method, a dongle or cradle is added to a mobile phone or other device to capture stereoscopic images. According to another method, the images are captured from cameras with oblique orientation such that the images may need to be rotated, cropped, or both to determine the appropriate stereoscopic 3D regions of interest. According to another method, a single camera is manipulated such that stereoscopic 3D information is deduced.

IPC 8 full level

G02B 27/22 (2006.01); **H04N 5/232** (2006.01); **H04N 13/239** (2018.01)

CPC (source: EP US)

H04N 13/10 (2018.04 - EP); **H04N 13/239** (2018.04 - EP US); **H04N 13/341** (2018.04 - EP); **H04N 23/611** (2023.01 - EP); **G02B 30/24** (2020.01 - EP); **H04N 2213/001** (2013.01 - EP)

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010091113 A2 20100812; **WO 2010091113 A3 20101202**; EP 2394195 A2 20111214; EP 2394195 A4 20130508

DOCDB simple family (application)

US 2010023091 W 20100203; EP 10739079 A 20100203