UK Patent Application (19)GB (11)2534073

13.07.2016

(21) Application No: 1605023.9

(22) Date of Filing: 29.08.2014

Date Lodged: 24.03.2016

(30) Priority Data:

(31) 2013903298 (32) 29.08.2013 (33) AU

(86) International Application Data: PCT/AU2014/000860 En 29.08.2014

(87) International Publication Data: WO2015/027283 En 05.03.2015

(71) Applicant(s):

Smart Services CRC Pty Limited Suite 9003, Australia Technology Park, 2 Locomotive Street, Eveleigh, New South Wales 2015, Australia

(72) Inventor(s):

Safaei Farzad **Pedram Pourashraf**

(74) Agent and/or Address for Service:

Kilburn & Strode LLP 20 Red Lion Street, LONDON, WC1R 4PJ, **United Kingdom**

(51) INT CL:

G06T 15/20 (2011.01) G06T 19/00 (2011.01) H04N 7/14 (2006.01)

(56) Documents Cited:

WO 2013/003914 A1 US 20130125155 A1 POURASHRAF P. ET AL., "Distributed Area of Interest Management for Large-Scale Immersive Video Conferencing", 2012 IEEE INTERNATIONAL **CONFERENCE ON MULTIMEDIA AND EXPO** WORKSHOPS (ICMEW 2012, (20120709), PAGE 139 -

JUMISKO-PYYKKÃ, S. ET AL., "Subjective evaluation of mobile 3D video content: depth range versus compression artifacts", PROCEEDING OF SPIE, VOL, 7881: MULTIMEDIA ON MOBILE DEVICES 2011, AND **MULTIMEDIA CONTENT ACCESS: ALGORITHMS AND** SYSTEMS V, (20110211), vol. 7881, PAGE 12

(58) Field of Search:

INT CL G06F, G06T, H04N Other: EPODOC, WPI, INSPEC, Google Scholar and **Google Patents**

- (54) Title of the Invention: Quality controller for video image Abstract Title: Quality controller for video image
- (57) A method for controlling the quality of a displayed video image to meet the perceptual requirements of a viewer, comprising the steps of determining the location and orientation of a viewer with respect to a video image and varying the quality of the video image in dependence on the location and orientation of the viewer.

