

Title (en)

SYSTEM FOR TRACKING THE POSITION OF THE SHOOTING CAMERA FOR SHOOTING VIDEO FILMS

Title (de)

SYSTEM ZUR POSITIONSVERFOLGUNG EINER BILDAUFNAHMEKAMERA FÜR DIE AUFNAHME VON VIDEOFILMEN

Title (fr)

SYSTEMES DE REPERAGE DE LA POSITION DE LA CAMERA DE TOURNAGE POUR LE TOURNAGE DE FILMS VIDEO

Publication

**EP 3008693 A1 20160420 (FR)**

Application

**EP 14736893 A 20140612**

Priority

- FR 1355510 A 20130613
- FR 2014051423 W 20140612

Abstract (en)

[origin: WO2014199085A1] The invention concerns a film shooting system comprising: a camera (3); a sensor system (7) comprising a first optical sensor system (9) comprising at least one optical sensor (11) and suitable for recording data in an optical mode, and a second sensor system (10) comprising at least one sensor, suitable for recording data; a computerised tracking module (8) suitable for incorporating the data from at least one sensor from the first system and from at least one sensor from the second system, and for determining location data of the camera (3) from this data; a computerised combination module (21), suitable for repeatedly determining location data of the camera (3) from both the location data determined in the optical mode and in the second mode.

IPC 8 full level

**G06T 7/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2014199085A1

Citation (examination)

- WO 2014199085 A1 20141218 - SOLIDANIM [FR]
- J. CHANDARIA ET AL: "Realtime Camera Tracking in the MATRIS Project", SMPTE MOTION IMAGING JOURNAL, vol. 116, no. 7-8, 1 July 2007 (2007-07-01), US, pages 266 - 271, XP055495012, ISSN: 1545-0279, DOI: 10.5594/J11426
- CHANDARIA J ET AL: "REAL-TIME CAMERA TRACKING IN THE MATRIS PROJECT", INTERNATIONAL BROADCASTING CONFERENCE 2006; 7-9-2006 - 11-9-2006; AMSTERDAM,, 7 September 2006 (2006-09-07), XP030081513
- JIGNA CHANDARIA ET AL: "The MATRIS project: real-time markerless camera tracking for Augmented Reality and broadcast applications", JOURNAL OF REAL-TIME IMAGE PROCESSING, vol. 2, no. 2-3, 18 October 2007 (2007-10-18), DE, pages 69 - 79, XP055344364, ISSN: 1861-8200, DOI: 10.1007/s11554-007-0043-z

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