

Title (en)

METHOD FOR DETERMINING THE MOVEMENTS OF AN OBJECT FROM A STREAM OF IMAGES

Title (de)

VERFAHREN ZUR BESTIMMUNG DER BEWEGUNGEN EINES OBJEKTS AUS EINEM BILDERSTROM

Title (fr)

METHODE DE DETERMINATION DES MOUVEMENTS D'UN OBJET A PARTIR D'UN FLUX D'IMAGES

Publication

EP 2646981 A1 20131009 (FR)

Application

EP 11802866 A 20111130

Priority

- FR 1060074 A 20101203
- EP 2011071348 W 20111130

Abstract (en)

[origin: WO2012072664A1] According to one aspect, the invention relates to a system for determining the movements of an object from a stream of images of said object. The system includes, in particular, a computer having a memory and a central processing unit, said central processing unit including: a reading unit (12) for recording each image of the stream of images in an input buffer memory (22); a processing unit (13) making it possible to determine, for each image, a change in the position and/or in the deformation of said object relative to the image immediately preceding said image in the stream; the reading and processing units being synchronized such that the processing of each of said images of the stream of images is carried out either simultaneously at the time of the reading of an image following said image in the stream of images, and of the recording thereof in the input buffer memory (22).

IPC 8 full level

G06T 7/20 (2006.01); **G06T 1/20** (2006.01); **H04N 5/14** (2006.01)

CPC (source: EP US)

G06T 7/20 (2013.01 - EP US); **H04N 5/144** (2013.01 - EP US); **G06T 2207/10016** (2013.01 - EP US)

Citation (search report)

See references of WO 2012072664A1

Citation (examination)

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- FLEURY M ET AL: "A real-time parallel image-processing model", IMAGE PROCESSING AND ITS APPLICATIONS, 1997., SIXTH INTERNATIONAL CONFERENCE ON DUBLIN, IRELAND 14-17 JULY 1997, LONDON, UK, IEE, UK, vol. 1, 14 July 1997 (1997-07-14), pages 174 - 178, XP006508276, ISBN: 978-0-85296-692-1

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

DOCDB simple family (publication)

WO 2012072664 A1 20120607; EP 2646981 A1 20131009; FR 2968436 A1 20120608; FR 2968436 B1 20130118; US 2013315554 A1 20131128; US 9092874 B2 20150728

DOCDB simple family (application)

EP 2011071348 W 20111130; EP 11802866 A 20111130; FR 1060074 A 20101203; US 201113991368 A 20111130